

Principals

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July 25, 2023

via email: greta.white@dec.ny.gov

Ms. Greta White, P.G., Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

**RE: Summary and Results of Supplemental Groundwater Remedial Investigation (RI)
Grand Union Hotel Bowling Alley Site
140 and 148-150 Westchester Avenue
Port Chester, New York 10573
NYSDEC BCP Site #C360222
SESI Project No. Project #11895A**

Dear Ms. White:

On behalf of Port Chester OZ Fund III QOZB, LLC, (the Volunteer), SESI Consulting Engineers (SESI) has prepared this letter to communicate the results of the Supplemental Groundwater Remedial Investigation activities at the property identified as 140 Westchester Avenue and 148-150 Westchester Avenue, Port Chester, Westchester County, New York (herein the "Site"). The Site is identified as New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C360222. The workplan for these activities was formally approved on March 3, 2023.

Scope of Work

The general scope of the workplan included the installation and sampling of four bedrock interface/weathered bedrock wells and three bedrock wells. Based on observations during the implementation of the field work, only two bedrock interface / weathered bedrock wells were installed. Deviations, and associated explanations, from the workplan are noted below.

Deviation	Explanation
Two (2) wells, instead of four (4), were drilled into the weathered bedrock at the bedrock interface.	A total of five borings were advanced to the bedrock interface, four in accordance with the March 2023 workplan and one additional at the request of the NYSDEC Case Manager onsite during the drilling. During the drilling activities, a very limited layer of weathered rock was observed at the bedrock interface. Two (2) of the five (5) borings had sufficient overburden material (greater than 5') to warrant the installation of wells. The remaining three (3) borings encountered competent rock at a depth of 5' or less which prevented installation of wells (please note, the three [3] borings were allowed to sit overnight and remained dry). The borings with no evidence of weathered rock were backfilled with a mixture of cuttings and concrete grout to seal the abandoned boreholes (see attached figure).
Rock coring was planned for the bedrock wells, but rock coring was conducted on only one (1) bedrock borehole.	Rock coring was discontinued due to limited value. The value of the coring was limited due to the required drilling mud. The presence of the mud used during coring made identification of water-bearing fractures difficult. In addition, the stress applied during coring created cracking in the rock cores, and distinguishing between native fractures and coring cracks was not feasible.
Bedrock were drilled further into competent rock than described in the March 2023 workplan (bedrock wells were planned with 5 feet of casing in competent rock and an additional 11 feet into competent rock).	Due to the inconsistencies at the bedrock interface (thickness of weathered rock, varying bedrock depths) and lack of useful rock coring information, it was decided to advance to borings to 25-30 ft-bgs expecting to encounter deeper, clean water-bearing zones, thus providing vertical delineation.
MW-7D was purged using a volume average method as opposed to low flow sampling techniques.	Due to low recharge, low flow was not practical.

On March 20-24, 2023, SESI mobilized to the Site with Coastal Environmental Solutions Inc. (Coastal) to install the supplemental RI monitoring wells. Five (5) wells were installed; two (2) in the weathered/bedrock interface material and three (3) into competent bedrock. Coastal primarily used air rotary to advance borings/monitoring wells, and a limited amount of core barrel rock coring was also employed. Upon installation, the wells were developed by pumping until the development water was observed to be clear or achieved consistent turbidity. The table below presents the well ID, total depth in feet below ground surface (ft-bgs) and screen intervals. Monitoring well construction logs are attached as **Attachment A**. A minimal amount of soil and rock cuttings was mixed with grout to backfill boreholes. The remaining drilling cuttings and development water were containerized in two (2) 55-gallon waste drums (drums will be sampled and disposed of offsite at a later date). Prior to completion of the Remedial Investigation Report

(RIR) the monitoring wells will be surveyed by a licensed New York State Professional relative to NAVD88 datum. The survey data will be included with the RIR.

Well ID	Maximum Boring Depth (ft-bgs)	Approximate Initial Depth to Water (ft-bgs)	Maximum Borehole Depth (ft-bgs)*	Depth to Rock (ft-bgs)	Screen Interval (ft-bgs)
MW-5	15.5	8.0	15.5	NA	10.0-15.0
MW-6	7.8	N/A**	7.8	NA	2.6-7.6
MW-7D	29.4	11.0	29.3	3.5	24.0-29.0
MW-8D	29.0	5.0	28.5	4.0	23.5-28.5
MW-9D	30.0	3.9	30.0	2.5	25.0-30.0

Notes:

*Minimal discrepancies between the depth of well and the bottom of the screen interval are attributed to small amounts of material collapsing in the borehole after drilling and before the installation of the well.

**Boring did not initially have water present.

Community Air Monitoring Program (CAMP)

As part of the CAMP, two (2) monitoring stations were set up across the site on March 20 to March 23, 2023 to measure Particulate Matter (PM) and Volatile Organic Compounds (VOCs) generated as a result of intrusive groundwork onsite. (Since only hand tools and pumps were used on 3/24/23, no CAMP monitoring was performed for the day.) One (1) station was set up to serve as the upwind station, and one (1) as the downwind. A station's upwind/downwind status would change depending on the overall wind direction at the time of each reading. An exceedance was identified on March 20, 2023 from 8:48AM to 8:50AM and on March 21, 2023 from 10:04AM through 10:11AM due to air rotary drilling activities. Water was introduced in the borehole to limit the dust produced until groundwater was reached. Results of the CAMP monitoring are provided as **Attachment B**.

Findings

On April 3-4, 2023, SESI sampled the newly installed supplemental RI monitoring wells. The samples were submitted to Alpha Analytical for analysis of volatile organic compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Target Analyte List (TAL) Metals, and Per-and Polyfluoroalkyl Substances (PFAS). Groundwater purge sheets are attached as **Attachment A**.

Analytical results for VOCs, SVOCs, Metals, and PFAS compounds were compared to the New York State Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (NY AWQS). Exceedances of the NY AWQS were identified for VOCs Tetrachloroethene (PCE), Vinyl chloride, Trichloroethene (TCE), cis-1,2-Dichloroethene, sec-Butylbenzene, Naphthalene, and 1,2,4,5-Tetramethylbenzene; SVOCs Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene and Indeno(1,2,3-cd)pyrene; Metals Iron, Lead, Magnesium, Manganese, and Sodium; and PFAS compounds Perfluorooctanoic Acid (PFOA), and Perfluorooctanesulfonic Acid (PFOS). The most significant exceedances were PCE and TCE in the bedrock wells, ranging from 1,400 ug/l to 4,000 ug/l and 250 ug/l to 730 ug/l, respectively. Analytical results tables are presented in **Attachment C**. Lab reports associated with the data are presented in **Attachment D**. A figure depicting well locations

and AWQS exceedances is presented in **Figure 1**. The supplemental groundwater sampling results, as well as the initial RI sampling results, are presented on the attached figure. Data Useability Summary Reports (DUSRs) for the data collected during this event are provided as **Attachment E**. Confirmation of Electronic Data Deliverables (EDDs) submittal to the NYSDEC EQulS is also presented as **Attachment E**.

Summary and Plan Forward

VOCs, SVOCs and Metals were found in all the newly installed supplemental RI monitoring wells. Elevated concentrations of chlorinated solvents (i.e., PCE and TCE) in deeper wells indicate contamination in the bedrock aquifer at the Site. SESI is preparing a proposed workplan to characterize bedrock and contamination at the Site, including downhole geophysics to better document bedrock conditions and additional groundwater sampling to determine the extent of contamination. Should you have any questions regarding this summary, please do not hesitate to contact me at 201.452.2735.

Sincerely,

SESI CONSULTING ENGINEERS



James Vander Vliet, PE
Senior Project Engineer

Cc: Daniel Servidio (Saxum)
Fuad Dahan (SESI)

Attachments:

Figures

Attachment A: Monitoring Well Construction Logs and Purge Sheets

Attachment B: CAMP Monitoring Results

Attachment C: Analytical Results Tables

Attachment D: Laboratory Reports

Attachment E: DUSRs and EDDs

Figures

NOTES:

1. Screen interval is measured in ft bgs.

 = Orange highlight indicates the compound concentration exceeds the NYSDEC AWQS.

NYSDEC = New York State Department of Environmental Conservation.
AWQS = Ambient Water Quality Standards.
PFAS = Per- and Polyfluoroalkyl substances

REFERENCE

SITE SURVEY PREPARED BY RICHARD J. DOMATO, DATED MARCH 5, 2021.

NOTE:
THIS PLAN IS FOR LOCATING SOIL BORINGS ONLY.
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

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- | | | |
|---|---|---|
|  | - | PROPERTY/SITE BOUNDARY |
|  | - | MONITORING WELL NUMBER & APPROX. LOCATION (JULY 2022) |
|  | - | MW-5 SHALLOW MONITORING WELL NUMBER & APPROX. LOCATION (MARCH 2023) |
|  | - | MW-8D DEEP MONITORING WELL NUMBER & APPROX. LOCATION (MARCH 2023) |
|  | - | NO WEATHERED ROCK IDENTIFIED. LOCATION BACKFILLED |

Scale 1"=40'

A horizontal scale bar with alternating black and white segments. It is marked with '0' at the left end, '40' in the middle, and '80' at the right end. The text 'Scale 1"=40\'' is centered above the bar.

dwg by: AW
chk by: FL
scale: AS NOTED
date: 04/12/2023

SES | CONSULTING ENGINEERS

GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parippany, nj 07054 ph: 973-808-9050

REMEDIAL INVESTIGATION REPORT
140, 148-150 WESTCHESTER AVENUE
PORT CHESTER, NEW YORK 10573

GROUNDWATER SAMPLE RESULTS PLAN

project:		title:	
job no:	11895		
drawing no:			

FIG-1

Attachment A:
Monitoring Well Construction Logs and
Purge Sheets

	PROJECT NAME:	150 Westchester Ave				BORING ID/MONITORING WELL ID		RI-MW-5		
	PROJECT LOCATION:	Port Chester NY				JOB NO.		11895		
					GROUND ELEVATION:		N/A			
BORING BY: Coastal	DATE STARTED	3/20/23	DEVELOPMENT PERIOD		1 hr	INSIDE CASING DIAMETER (in)		2		
INSPECTOR: Cougar Chichester	DATE COMPLETED	3/24/23	DEVELOPMENT METHOD		sub pump	BOREHOLE DIAMETER (in)		4"		
NJ DEP PERMIT NO.:	DATE DEVELOPED	3/24/23	DEVELOPMENT RATE		NA	INITIAL WATER LEVEL (ft):		8'		
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade) Top of Casing 0 Ground Surface 0 Top of Riser 0.25' Top of Seal 4' Bentonite Clay Top of Sand Pack 6' Top of Screen 10' Bottom of Screen 15' Bottom of Boring 15.5' Remarks		5							N/A Not performed (i.e. direct push with casing)	
Casing Type: Flushmount (4") Well Cap: Yes Grout Type: Cement Well Key: No Riser Pipe: PVC Sand/Gravel Pack Size: #2 Sand ANSI #61 Screen Size: 0.01		10								
		15								
		20							Boring Complete at 15 Feet BGS	
		25								
		30								
		35								
		40								

Approximate Change in Strata: _____ Inferred Change in Strata: _____

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

	PROJECT NAME:	150 Westchester Ave				BORING ID/MONITORING WELL ID		RI-MW-6		
	PROJECT LOCATION:	Port Chester NY				JOB NO.		11895		
						GROUND ELEVATION:		N/A		
BORING BY: Coastal	DATE STARTED	3/20/23	DEVELOPMENT PERIOD		1 hr	INSIDE CASING DIAMETER (in)		2		
INSPECTOR: Cougar Chichester	DATE COMPLETED	3/24/23	DEVELOPMENT METHOD		sub pump	BOREHOLE DIAMETER (in)		4		
NJ DEP PERMIT NO.:	DATE DEVELOPED	3/24/23	DEVELOPMENT RATE		NA	INITIAL WATER LEVEL (ft):		N/A		
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade) Top of Casing 0 Ground Surface 0.25' Top of Riser Top of Seal 0.5 Bentonite Clay Top of Sand Pack 1.5 Top of Screen 2.6 Bottom of Screen 7.6 Bottom of Boring 7.6 <u>Remarks</u>		5							N/A Not performed (i.e. direct push with casing)	
Casing Type: Flushmount (4") Well Cap: Yes Grout Type: Cement Well Key: No Riser Pipe: PVC Sand/Gravel Pack Size: #2 Sand ANSI #61 Screen Size: 0.01		10							Boring Complete at 8 feet BGS (refusal)	
		15								
		20								
		25								
		30								
		35								
		40								

Approximate Change in Strata: _____ Inferred Change in Strata: _____

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	PROJECT NAME:	150 Westchester Ave				BORING ID/MONITORING WELL ID		RI-MW-7D		
	PROJECT LOCATION:	Port Chester NY				JOB NO.		11895		
						GROUND ELEVATION:		N/A		
BORING BY: Coastal	DATE STARTED	3/21/23	DEVELOPMENT PERIOD		1 hr	INSIDE CASING DIAMETER (in)		2		
INSPECTOR: Cougar Chichester	DATE COMPLETED	3/24/23	DEVELOPMENT METHOD		sub pump	BOREHOLE DIAMETER (in)		4		
NJ DEP PERMIT NO.:	DATE DEVELOPED	3/24/23	DEVELOPMENT RATE		NA	INITIAL WATER LEVEL (ft):		11		
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade) Top of Casing 0 Ground Surface 0 Top of Riser 0.25' Top of Seal 1' Bentonite Clay Top of Sand Pack 23' Top of Screen 24' Bottom of Screen 29' Bottom of Boring 29' Remarks									N/A Not performed (i.e. direct push/air rotary)	
Casing Type: Flushmount (8") Well Cap: Yes Grout Type: Cement Well Key: No Riser Pipe: PVC Sand/Gravel Pack Size: #2 Sand ANSI #61 Screen Size: 0.01		5								
		10								
		15							(Rock core begin)	
		20							White-gray-black banded Gneiss with interlayered schist; coarse to fine grained; slightly weathered; medium weak to strong	
		25							White-gray-black banded Gneiss with interlayered schist; coarse to fine grained; slightly weathered; medium weak to strong	
		30							Switch back to air rotary, rock core complete	
		35								
		40							Boring Complete at 29 feet BGS	

Approximate Change in Strata: _____ Inferred Change in Strata: _____

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N/A

2

4

5

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Page 1 of 1

	PROJECT NAME:	150 Westchester Ave				BORING ID/MONITORING WELL ID		RI-MW-9D		
	PROJECT LOCATION:	Port Chester NY				JOB NO.		11895		
						GROUND ELEVATION:		N/A		
BORING BY: Coastal	DATE STARTED	3/21/23	DEVELOPMENT PERIOD		1 hr	INSIDE CASING DIAMETER (in)		2		
INSPECTOR: Cougar Chichester	DATE COMPLETED	3/24/23	DEVELOPMENT METHOD		sub pump	BOREHOLE DIAMETER (in)		4		
NJ DEP PERMIT NO.:	DATE DEVELOPED	3/24/23	DEVELOPMENT RATE		NA	INITIAL WATER LEVEL (ft):		3.9		
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade) Top of Casing 0 Ground Surface 0 Top of Riser 0.25' Top of Seal 1' Bentonite Clay Top of Sand Pack 23' Top of Screen 25' Bottom of Screen 30' Bottom of Boring 30' Remarks									N/A Not performed (i.e. direct push arrow point/air rotary)	
Casing Type: Flushmount (8")		5								
Well Cap: Yes										
Grout Type: Cement										
Well Key: No		10								
Riser Pipe: PVC										
		15								
Sand/Gravel										
Pack Size: #2 Sand		20								
ANSI #61										
Screen Size: 0.01		25								
		30								
		35							Boring Complete at 30 Feet BGS	
		40								

Approximate Change in Strata: _____ Inferred Change in Strata: _____

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Location: Port Chester, NY		Job Number: 11895		WELL I.D. : MW - 5					
Personnel: Chris Johnson		Date: 4/4/2023							
		PID:		0					
Stickup? N	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									Bladder
		15.5		8.15	7.35	11.825	11.5		
Turbidity at collection (NTU):		50.4	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	8:45	16.45	6.84	1.5	0	-10	896	7	N
	8:50	16.11	6.63	1.51	0	42	570	7	N
	8:55	15.8	6.5	1.51	0	60	233	7	N
	9:00	15.82	6.43	1.51	0	74	111	7	N
	9:05	15.8	6.39	1.51	0	83	65.1	7	N
1.5	9:10	15.8	6.37	1.51	0	89	50.4	7	N
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	9:15	Appearance: Clear		Filtered Sample Turbidity:			OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations: Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =		Present:		Y / N		Product Measured (Inches) :	
Sock Installation Date:				Sock Changed :		Y / N			
Sock Depth (Depth to sock mid point):									

Location: Port Chester, NY		Job Number: 11895		WELL I.D. : MW - 6					
Personnel: Chris Johnson		Date: 4/3/2023							
		PID:		0.7					
Stickup? N	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									Bladder
		7.8		5.6	2.2	6.8	7		
Turbidity at collection (NTU):		171	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	11:11	14.31	7.57	0.808	18.69	87	0	6.3	N
	11:16	14.39	7.6	0.941	16.5	-18	0	6.3	N
	11:21	13.98	7.5	1.17	17.5	-56	0	6.3	N
	11:26	13.92	7.44	1.3	16.4	-69	469	6.3	N
	11:31	13.13	7.44	1.42	16.9	-84	180	6.3	N
1.25	11:36	13.16	7.44	1.43	17.1	-93	171	6.3	N
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	1150	Appearance: Clear		Filtered Sample Turbidity:			OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations:									
Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =		Present:		Y / N		Product Measured (Inches) :	
Sock Installation Date:				Sock Changed :		Y / N			
Sock Depth (Depth to sock mid point):									

Location: Port Chester, NY		Job Number: 11895		WELL I.D. : MW - 8D					
Personnel: Chris Johnson		Date: 4/4/2023							
		PID:		0					
Stickup? N	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									Bladder
		28.5	NE	5.86	22.64	17.18	17		
Turbidity at collection (NTU):		66.4	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	12:40	13.47	8.07	1.32	3.23	77	94	7	N
	12:45	13.95	7.89	1.29	0	90	94.1	7	N
	12:50	14.42	7.36	1.27	0	58	84.4	7	N
	12:55	14.76	7.43	1.31	0	49	77.3	7	N
	13:00	15.16	7.4	1.3	0	39	72.4	7	N
1.5	13:05	15.48	7.39	1.26	0	41	66.4	7	N
Well Condition Summary									
Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y					
Sample Collection Information									
Sample Time:	1310	Appearance: Clear	Filtered Sample Turbidity:				OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations: Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :			
Sock Installation Date:			Sock Changed :		Y / N				
Sock Depth (Depth to sock mid point):									

Location: Port Chester, NY		Job Number: 11895		WELL I.D. : MW - 9D					
Personnel: Chris Johnson		Date: 4/3/2023							
		PID: 14.2							
Stickup? N	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									Bladder
		29.78	NE	2.7	27.08	16.24	16		
Turbidity at collection (NTU):		6.4	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	9:30	12.91	8.36	1.54	3.8	30	24.3	2.86	N
	9:35	12.77	6.93	1.56	0	58	10.5	2.87	N
	9:40	13.67	6.6	1.55	0	66	7.7	2.91	N
	9:45	13.46	6.44	1.55	0	72	5.75	2.92	N
	9:50	13.57	6.38	1.55	0	75	6.5	2.89	N
	9:55	13.75	6.35	1.55	0	78	6.95	2.93	N
1.5	10:00	13.86	6.34	1.54	0	80	6.4	2.94	N
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	1005	Appearance: Clear		Filtered Sample Turbidity:			OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations:									
Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =			Present:	Y / N	Product Measured (Inches) :		
Sock Installation Date:				Sock Changed :		Y / N			
Sock Depth (Depth to sock mid point):									

MW-7D
Groundwater Purging Log
150 Westchester Ave, Port Chester, NY
BCP #C360222
Supplemental RI Groundwater Investigation

Volume Average Purging Groundwater Sampling Log	
Pre Purge	
Well Name	MW-7D
Well Diameter (Inches)	2
Depth to Water (ft)	11.25
Depth to Bottom (ft)	29
Water Column	17.75
Well Volume (gal)	2.71
Well Headspace (PID)	0 ppm
Pump On Time (4/3)	13:00
Pump Off Time (4/4)	12:20
Total Volume Purged (gal)	8
Post Purge	
Depth to Water	13.25
Water Quality	Clear
Post Sample	
Depth to Water	16.69
Water Quality	Clear

Attachment B:
CAMP Monitoring Results

Upwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/20/2023 12:55	0.02382973	0.02539254	0.1645436
3/20/2023 12:54	0.02454334	0.02567097	0.1650463
3/20/2023 12:53	0.02407395	0.0257752	0.1663801
3/20/2023 12:52	0.02597912	0.02608077	0.1673264
3/20/2023 12:51	0.0243922	0.02603691	0.1666349
3/20/2023 12:50	0.02411304	0.02647645	0.1671001
3/20/2023 12:49	0.02452095	0.02697164	0.1662425
3/20/2023 12:48	0.02336297	0.02745622	0.1651592
3/20/2023 12:47	0.02438039	0.02820315	0.1629555
3/20/2023 12:46	0.02351263	0.02910054	0.1611998
3/20/2023 12:45	0.02595773	0.03012626	0.1600867
3/20/2023 12:44	0.02304958	0.03124955	0.1594784
3/20/2023 12:43	0.02399737	0.03295569	0.1607853
3/20/2023 12:42	0.0246502	0.03477102	0.160159
3/20/2023 12:41	0.02350685	0.03703315	0.1589308
3/20/2023 12:40	0.02386164	0.03978915	0.1571041
3/20/2023 12:39	0.02453673	0.0430848	0.1553883
3/20/2023 12:38	0.02291913	0.04710246	0.154863
3/20/2023 12:37	0.02368189	0.05231473	0.1556306
3/20/2023 12:36	0.02285258	0.05843774	0.1545996
3/20/2023 12:35	0.02276844	0.06555071	0.1543627
3/20/2023 12:34	0.02525359	0.07462756	0.1530695
3/20/2023 12:33	0.04001059	0.08513922	0.1522101
3/20/2023 12:32	0.1090198	0.08432134	0.1503859
3/20/2023 12:31	0.02316288	0.08689994	0.1518521
3/20/2023 12:30	0.02825143	0.1015825	0.1521819
3/20/2023 12:29	0.3903902	0.1124945	0.1522438
3/20/2023 12:28	0.02665442	0.06175461	0.1523882
3/20/2023 12:27	0.03333651	0.0688448	0.1529655
3/20/2023 12:26	0.03038813	0.07802019	0.154261
3/20/2023 12:25	0.2352703	0.07916053	0.1543779
3/20/2023 12:24	0.02478201	0.02208449	0.1536632
3/20/2023 12:23	0.02341758	0.02176027	0.1524931
3/20/2023 12:22	0.02157377	0.02157905	0.1527101
3/20/2023 12:21	0.02075445	0.02156796	0.1533537
3/20/2023 12:20	0.02095758	0.02179033	0.1542454
3/20/2023 12:19	0.02123341	0.02186853	0.1539651
3/20/2023 12:18	0.02325199	0.02188258	0.1531972
3/20/2023 12:17	0.02100541	0.02167787	0.1519099
3/20/2023 12:16	0.02108699	0.02181921	0.1521519
3/20/2023 12:15	0.02202892	0.02182608	0.151114
3/20/2023 12:14	0.02228154	0.02184433	0.1493063
3/20/2023 12:13	0.02296957	0.02173263	0.1481918

Upwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/20/2023 12:12	0.02340337	0.02142299	0.1462857
3/20/2023 12:11	0.02183178	0.02109717	0.1437718
3/20/2023 12:10	0.02136353	0.02087517	0.1420549
3/20/2023 12:09	0.02063532	0.02085663	0.1406348
3/20/2023 12:08	0.02144715	0.02091839	0.1402505
3/20/2023 12:07	0.02150011	0.0207627	0.1374869
3/20/2023 12:06	0.02176406	0.02049073	0.1354787
3/20/2023 12:05	0.0220499	0.02026943	0.1344855
3/20/2023 12:04	0.02088194	0.02009811	0.134797
3/20/2023 12:03	0.02174918	0.01990265	0.1343267
3/20/2023 12:02	0.0226961	0.01932711	0.1324139
3/20/2023 12:01	0.02147992	0.01893621	0.1317057
3/20/2023 12:00	0.02059621	0.0184925	0.1313917
3/20/2023 11:59	0.0187272	0.01815824	0.1314879
3/20/2023 11:58	0.02068341	0.01812574	0.1314215
3/20/2023 11:57	0.0218244	0.01739267	0.1322583
3/20/2023 11:56	0.01831309	0.01685308	0.133246
3/20/2023 11:55	0.02007766	0.01646414	0.1339401
3/20/2023 11:54	0.01862112	0.01582061	0.1335475
3/20/2023 11:53	0.01597349	0.0153478	0.1327396
3/20/2023 11:52	0.01672756	0.01515652	0.131433
3/20/2023 11:51	0.01353533	0.01487957	0.1299443
3/20/2023 11:50	0.01301301	0.0152783	0.130404
3/20/2023 11:49	0.01531554	0.01570747	0.1306256
3/20/2023 11:48	0.01812586	0.01553381	0.1294461
3/20/2023 11:47	0.0139936	0.01510582	0.1281965
3/20/2023 11:46	0.01352518	0.01548105	0.1282208
3/20/2023 11:45	0.01605568	0.01584138	0.1282953
3/20/2023 11:44	0.01854147	0.01513292	0.127274
3/20/2023 11:43	0.01312765	0.01520745	0.1272857
3/20/2023 11:42	0.0129781	0.01564639	0.1277315
3/20/2023 11:41	0.01281437	0.01625471	0.1285414
3/20/2023 11:40	0.01358906	0.01702362	0.1292531
3/20/2023 11:39	0.01711753	0.0174247	0.1286993
3/20/2023 11:38	0.02351309	0.01720349	0.126853
3/20/2023 11:37	0.02125066	0.0156533	0.123703
3/20/2023 11:36	0.01515374	0.01505444	0.1219588
3/20/2023 11:35	0.01402454	0.01523942	0.1209467
3/20/2023 11:34	0.01496011	0.01531676	0.118726
3/20/2023 11:33	0.01732193	0.01507554	0.1170872
3/20/2023 11:32	0.01447138	0.01462887	0.1154088
3/20/2023 11:31	0.01304725	0.01468386	0.1148982
3/20/2023 11:30	0.01840179	0.01485185	0.1148017

Upwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/20/2023 11:29	0.01847043	0.01415093	0.1132425
3/20/2023 11:28	0.01446167	0.01350438	0.1122254
3/20/2023 11:27	0.01312607	0.01351285	0.1123614
3/20/2023 11:26	0.01329391	0.01343811	0.1121277
3/20/2023 11:25	0.01434539	0.01330417	0.1117332
3/20/2023 11:24	0.01323169	0.01324827	0.1116446
3/20/2023 11:23	0.01216702	0.01330748	0.1121778
3/20/2023 11:22	0.01275139	0.01349036	0.1130767
3/20/2023 11:21	0.0122717	0.01357907	0.1136353
3/20/2023 11:20	0.01232059	0.0139046	0.1141633
3/20/2023 11:19	0.01195062	0.01426622	0.1149348
3/20/2023 11:18	0.01226777	0.01469616	0.1157077
3/20/2023 11:17	0.01306335	0.01520498	0.1158789
3/20/2023 11:16	0.01615832	0.01547856	0.114939
3/20/2023 11:15	0.01573497	0.01521054	0.1131465
3/20/2023 11:14	0.01803355	0.01513639	0.1118614
3/20/2023 11:13	0.01638875	0.01450229	0.1101861
3/20/2023 11:12	0.01317834	0.01435306	0.1100353
3/20/2023 11:11	0.01256322	0.0147318	0.1105776
3/20/2023 11:10	0.01496642	0.01508518	0.1111486
3/20/2023 11:09	0.01216332	0.01525948	0.1113952
3/20/2023 11:08	0.01321035	0.01583797	0.1119947
3/20/2023 11:07	0.02063548	0.01601233	0.111816
3/20/2023 11:06	0.0187962	0.01512533	0.109746
3/20/2023 11:05	0.0205541	0.01445305	0.1087165
3/20/2023 11:04	0.01318933	0.01372473	0.1086715
3/20/2023 11:03	0.01317184	0.01391952	0.1094866
3/20/2023 11:02	0.01416147	0.01414135	0.1100508
3/20/2023 11:01	0.01451882	0.01401574	0.10954
3/20/2023 11:00	0.01213442	0.01394859	0.1098046
3/20/2023 10:51	0.01103106	0.01171601	0.09853902
3/20/2023 10:50	0.0106579	0.01186726	0.09860206
3/20/2023 10:49	0.01042433	0.01221237	0.09888145
3/20/2023 10:48	0.01139484	0.01260519	0.09926477
3/20/2023 10:47	0.01082547	0.01285161	0.09984665
3/20/2023 10:46	0.01008025	0.01334468	0.1004479
3/20/2023 10:45	0.01064899	0.01402033	0.1010679
3/20/2023 10:44	0.01950166	0.01436304	0.100823
3/20/2023 10:43	0.02596997	0.01291775	0.09887449
3/20/2023 10:42	0.01088372	0.01060751	0.0971365
3/20/2023 10:41	0.01006979	0.01068938	0.09787519
3/20/2023 10:40	0.01053927	0.01080035	0.09857281
3/20/2023 10:39	0.01288508	0.01062493	0.09851091

Upwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/20/2023 10:38	0.0101961	0.01018208	0.09845719
3/20/2023 10:37	0.01014573	0.01019208	0.09913538
3/20/2023 10:36	0.01034652	0.0101445	0.1000848
3/20/2023 10:35	0.009905202	0.01015908	0.1009862
3/20/2023 10:34	0.00992235	0.01020663	0.1019615
3/20/2023 10:33	0.00979245	0.01030827	0.1030447
3/20/2023 10:32	0.009256912	0.01048887	0.1041643
3/20/2023 10:31	0.0100407	0.01065628	0.1051442
3/20/2023 10:30	0.01001369	0.0107852	0.1056915
3/20/2023 10:29	0.0114818	0.01092221	0.1057708
3/20/2023 10:28	0.01171601	0.01070658	0.1057013
3/20/2023 10:27	0.01140293	0.0104019	0.1054508
3/20/2023 10:26	0.01222667	0.01016938	0.1052192
3/20/2023 10:25	0.01228028	0.009799698	0.1049161
3/20/2023 10:24	0.01086174	0.009348981	0.1049862
3/20/2023 10:23	0.009672941	0.009089062	0.1058245
3/20/2023 10:22	0.009000324	0.009045713	0.1070009
3/20/2023 10:21	0.009150751	0.009055601	0.1084197
3/20/2023 10:20	0.008690656	0.009040743	0.1099573
3/20/2023 10:19	0.00879575	0.009139176	0.1116599
3/20/2023 10:18	0.008303192	0.009273442	0.1134564
3/20/2023 10:17	0.008732989	0.009449037	0.1152871
3/20/2023 10:16	0.009712696	0.009533553	0.1171622
3/20/2023 10:15	0.01012345	0.009630599	0.1189181
3/20/2023 10:14	0.01008327	0.008983899	0.1200543
3/20/2023 10:13	0.01071608	0.008579216	0.1203936
3/20/2023 10:12	0.008785636	0.008376044	0.1213383
3/20/2023 10:11	0.008127429	0.008334162	0.1229839
3/20/2023 10:10	0.007999994	0.008394084	0.1246314
3/20/2023 10:09	0.008003108	0.008478394	0.1262323
3/20/2023 10:08	0.008000134	0.008573628	0.1277329
3/20/2023 10:07	0.008066234	0.008696299	0.1292535
3/20/2023 10:06	0.007998619	0.008840171	0.1308856
3/20/2023 10:05	0.007493973	0.009023146	0.1324382
3/20/2023 10:04	0.007232092	0.009329445	0.1336818
3/20/2023 10:03	0.007954698	0.009665404	0.1349258
3/20/2023 10:02	0.008028548	0.00996472	0.1357746
3/20/2023 10:01	0.01007478	0.01029236	0.1362839
3/20/2023 10:00	0.01342142	0.01012663	0.1361906
3/20/2023 9:59	0.009811087	0.009805778	0.1356337
3/20/2023 9:58	0.008538871	0.009946908	0.1360653
3/20/2023 9:57	0.008037192	0.01036241	0.1367108
3/20/2023 9:56	0.008006042	0.01081013	0.1370662

Upwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/20/2023 9:55	0.009451374	0.0113916	0.1373155
3/20/2023 9:54	0.0118592	0.01163075	0.1371515
3/20/2023 9:53	0.01243044	0.0114798	0.1360481
3/20/2023 9:52	0.01310306	0.01109063	0.1347981
3/20/2023 9:51	0.01480918	0.01049909	0.1334554
3/20/2023 9:50	0.007590744	0.009754056	0.1322539
3/20/2023 9:49	0.007890258	0.01024426	0.132657
3/20/2023 9:48	0.00751045	0.01078667	0.1332876
3/20/2023 9:47	0.008389225	0.01146414	0.1338734
3/20/2023 9:46	0.009840326	0.01208863	0.1343415
3/20/2023 9:45	0.01392063	0.01210364	0.1337636
3/20/2023 9:44	0.01205723	0.0115352	0.1326582
3/20/2023 9:43	0.01189195	0.0114451	0.132297
3/20/2023 9:42	0.01107733	0.01139234	0.1320437
3/20/2023 9:41	0.009240192	0.01175376	0.1328282
3/20/2023 9:40	0.009965757	0.01231566	0.1339085
3/20/2023 9:39	0.01072915	0.01285661	0.1345204
3/20/2023 9:38	0.01219481	0.01324276	0.1344872
3/20/2023 9:37	0.01289253	0.01368134	0.1349368
3/20/2023 9:36	0.01051577	0.01385403	0.1351044
3/20/2023 9:35	0.01288017	0.01444571	0.1359023
3/20/2023 9:34	0.01382862	0.01442393	0.1356188
3/20/2023 9:33	0.01397678	0.01492085	0.1349115
3/20/2023 9:32	0.01621127	0.01489609	0.1327295
3/20/2023 9:31	0.02302297	0.01423272	0.1304521
3/20/2023 9:30	0.01459503	0.01295108	0.1274934
3/20/2023 9:29	0.0151065	0.01255642	0.1256824
3/20/2023 9:28	0.009284695	0.01233041	0.1242834
3/20/2023 9:27	0.009854893	0.01285243	0.1242716
3/20/2023 9:26	0.01369996	0.01335227	0.1244809
3/20/2023 9:25	0.02657586	0.01204529	0.1240486
3/20/2023 9:24	0.007373391	0.01159044	0.1236774
3/20/2023 9:23	0.008014575	0.01238278	0.1233164
3/20/2023 9:22	0.008685749	0.01331609	0.1228303
3/20/2023 9:21	0.01371196	0.01405042	0.1215254
3/20/2023 9:20	0.01664993	0.01361804	0.1184819
3/20/2023 9:19	0.01793437	0.01307403	0.1154763
3/20/2023 9:18	0.0119694	0.01231265	0.1128932
3/20/2023 9:17	0.009987658	0.01238828	0.1113463
3/20/2023 9:16	0.008209198	0.01301338	0.1106204
3/20/2023 9:15	0.009699207	0.01390864	0.1100244
3/20/2023 9:14	0.01238048	0.01452304	0.1087646
3/20/2023 9:13	0.01790029	0.01459354	0.1075041

Upwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/20/2023 9:12	0.0121493	0.01457442	0.1064132
3/20/2023 9:11	0.01154192	0.0149962	0.105147
3/20/2023 9:10	0.01218393	0.01558684	0.1045041
3/20/2023 9:09	0.01605142	0.0156423	0.1039428
3/20/2023 9:08	0.01105935	0.01617274	0.1036096
3/20/2023 9:07	0.009051215	0.01754067	0.1031883
3/20/2023 9:06	0.01563701	0.01929761	0.1026762
3/20/2023 9:05	0.05005129	0.01814312	0.1018842
3/20/2023 9:04	0.01567675	0.01322403	0.1010336
3/20/2023 9:03	0.01092837	0.01304209	0.1005239
3/20/2023 9:02	0.01354124	0.01321927	0.1000737
3/20/2023 9:01	0.01281918	0.0131839	0.09946872
3/20/2023 9:00	0.01100869	0.0133318	0.09864415
3/20/2023 8:59	0.01089925	0.01380192	0.09783682
3/20/2023 8:58	0.01168988	0.01451727	0.09714253
3/20/2023 8:57	0.01523416	0.01484868	0.09606819
3/20/2023 8:56	0.01082054	0.01496347	0.09439909
3/20/2023 8:55	0.01866468	0.01526026	0.09302437
3/20/2023 8:54	0.0148009	0.01461498	0.09032449
3/20/2023 8:53	0.01289864	0.01518641	0.0891701
3/20/2023 8:52	0.01541742	0.01531481	0.08720757
3/20/2023 8:51	0.01910034	0.01508652	0.08483541
3/20/2023 8:50	0.0127888	0.01446985	0.08203259
3/20/2023 8:49	0.01293406	0.01500119	0.08075148
3/20/2023 8:48	0.01868576	0.01519501	0.07921106
3/20/2023 8:47	0.01763381	0.01444126	0.07629882
3/20/2023 8:46	0.01414792	0.0140742	0.07427454
3/20/2023 8:45	0.01436096	0.01394305	0.0724472
3/20/2023 8:44	0.01370592	0.01384696	0.0707586
3/20/2023 8:43	0.01193045	0.01395961	0.06925222
3/20/2023 8:42	0.01383362	0.0143864	0.06846588
3/20/2023 8:41	0.01417243	0.01449339	0.06727287
3/20/2023 8:40	0.01320414	0.01448132	0.06562402
3/20/2023 8:39	0.01492344	0.01444566	0.06323316
3/20/2023 8:38	0.01195283	0.01463665	0.06182206
3/20/2023 8:37	0.01284385	0.01519709	0.06043155
3/20/2023 8:36	0.01660272	0.0154176	0.05803041
3/20/2023 8:35	0.02084667	0.01481556	0.05472561
3/20/2023 8:34	0.01222475	0.01391502	0.05213496
3/20/2023 8:33	0.01199125	0.01441812	0.0509581
3/20/2023 8:32	0.01329231	0.01482282	0.04950564
3/20/2023 8:31	0.0127482	0.01530584	0.04798727
3/20/2023 8:30	0.01363081	0.01580711	0.04634118

Upwind CAMP Data
 March 20, 2023
 Grand Union Hotel Bowling Alley Site
 Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/20/2023 8:29	0.01382776	0.01609811	0.04458013
3/20/2023 8:28	0.01394131	0.01654086	0.04242891
3/20/2023 8:27	0.01656735	0.01713325	0.03972645
3/20/2023 8:26	0.01841803	0.01700717	0.03639786
3/20/2023 8:25	0.01970835	0.01668445	0.03212338
3/20/2023 8:24	0.01894024	0.01609393	0.02711346
3/20/2023 8:23	0.02109116	0.01532622	0.02269798
3/20/2023 8:22	0.01482151	0.01435339	0.01964686
3/20/2023 8:21	0.01495131	0.01428665	0.01803188
3/20/2023 8:20	0.01289534	0.01422095	0.01616106
3/20/2023 8:19	0.01507071	0.01440557	0.01427782
3/20/2023 8:18	0.01402532	0.014249	0.0127626
3/20/2023 8:17	0.01493378	0.01430866	0.01156541
3/20/2023 8:16	0.01291114	0.0141035	0.01065656
3/20/2023 8:15	0.0130351	0.01443706	0.00912535
3/20/2023 8:14	0.01514255	0.01460344	0.00687539
3/20/2023 8:13	0.01392991	0.0147613	0.003486859
3/20/2023 8:12	0.01408534	0.0149642	0.000443968
3/20/2023 8:11	0.01369893	0.01511089	0
3/20/2023 8:10	0.01865532	0.01501795	0
3/20/2023 8:09	0.01504175	0.01464409	0
3/20/2023 8:08	0.0134087	0.01457286	0
3/20/2023 8:07	0.01348651	0.01487055	0
3/20/2023 8:06	0.01306057	0.01519268	0
3/20/2023 8:05	0.01311959	0.01562805	0
3/20/2023 8:04	0.01457452	0.01600216	0
3/20/2023 8:03	0.01434612	0.01615416	0
3/20/2023 8:02	0.01355578	0.01688352	0
3/20/2023 8:01	0.01400121	0.01725956	0
3/20/2023 8:00	0.01445954	0.01802437	0
3/20/2023 7:59	0.01559842	0.01881929	0
3/20/2023 7:58	0.01866052	0.01931695	0

Downwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/20/2023 12:58	0.02844319	0.02953479	0.03839647
3/20/2023 12:57	0.02987102	0.02958751	0.03887199
3/20/2023 12:56	0.02893838	0.02972442	0.03934139
3/20/2023 12:55	0.0288559	0.02990469	0.03968254
3/20/2023 12:54	0.02952286	0.03011729	0.03978559
3/20/2023 12:53	0.03026912	0.03042112	0.04054888
3/20/2023 12:52	0.0322843	0.03044238	0.04130872
3/20/2023 12:51	0.03348555	0.02986204	0.04189882
3/20/2023 12:50	0.03073332	0.02957404	0.04247583
3/20/2023 12:49	0.02982574	0.02930124	0.04302831
3/20/2023 12:48	0.0285994	0.0289652	0.0433062
3/20/2023 12:47	0.02899349	0.02908766	0.04285392
3/20/2023 12:46	0.02890656	0.02911392	0.04040608
3/20/2023 12:45	0.03053843	0.02884867	0.0394968
3/20/2023 12:44	0.02891837	0.02853202	0.0398536
3/20/2023 12:43	0.0282214	0.02850033	0.04070782
3/20/2023 12:42	0.02883479	0.02859449	0.0413911
3/20/2023 12:41	0.02859624	0.0285874	0.04127374
3/20/2023 12:40	0.02802888	0.0286589	0.0397504
3/20/2023 12:39	0.02815504	0.02867013	0.03900056
3/20/2023 12:38	0.03073746	0.02862005	0.03929158
3/20/2023 12:37	0.0290635	0.02832465	0.03986763
3/20/2023 12:36	0.02847119	0.02825548	0.04001612
3/20/2023 12:35	0.02669319	0.02832241	0.0408788
3/20/2023 12:34	0.02728891	0.02843365	0.04133777
3/20/2023 12:33	0.02958572	0.02838065	0.04126722
3/20/2023 12:32	0.02788008	0.02835695	0.04076779
3/20/2023 12:31	0.0268687	0.02841052	0.04167524
3/20/2023 12:30	0.0280436	0.028623	0.04267963
3/20/2023 12:29	0.02824667	0.02868295	0.04321933
3/20/2023 12:28	0.028776	0.02887343	0.04428203
3/20/2023 12:27	0.02881706	0.02879289	0.04480343
3/20/2023 12:26	0.02776111	0.02884631	0.04597595
3/20/2023 12:25	0.02981659	0.02893463	0.04715947
3/20/2023 12:24	0.02927717	0.02874722	0.04788146
3/20/2023 12:23	0.02775127	0.02886486	0.04868855
3/20/2023 12:22	0.02702984	0.02905779	0.04943484
3/20/2023 12:21	0.02732003	0.02938762	0.05052608
3/20/2023 12:20	0.02686473	0.02993697	0.05180153
3/20/2023 12:19	0.0288827	0.03052538	0.05189165
3/20/2023 12:18	0.02870231	0.02870141	0.05219467
3/20/2023 12:17	0.02929887	0.02815698	0.05210306
3/20/2023 12:16	0.02630991	0.02813815	0.05303498

Downwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/20/2023 12:15	0.02681156	0.02844142	0.05441622
3/20/2023 12:14	0.03046664	0.02862114	0.05606828
3/20/2023 12:13	0.02901037	0.02854214	0.05612716
3/20/2023 12:12	0.02985589	0.02854132	0.0560795
3/20/2023 12:11	0.02759099	0.02824318	0.05529327
3/20/2023 12:10	0.02720795	0.0283552	0.05493732
3/20/2023 12:09	0.02844754	0.02849299	0.05544246
3/20/2023 12:08	0.02794589	0.02870984	0.0570161
3/20/2023 12:07	0.02827054	0.02898896	0.05830326
3/20/2023 12:06	0.02863544	0.02905061	0.0594977
3/20/2023 12:05	0.02740337	0.02906097	0.06036581
3/20/2023 12:04	0.0317517	0.02915335	0.06143177
3/20/2023 12:03	0.03252734	0.02893285	0.06042846
3/20/2023 12:02	0.03442158	0.02790164	0.05867901
3/20/2023 12:01	0.0285157	0.02731414	0.05715521
3/20/2023 12:00	0.0288367	0.0265239	0.05685761
3/20/2023 11:59	0.03440852	0.02589845	0.05736771
3/20/2023 11:58	0.02772338	0.02494351	0.05692723
3/20/2023 11:57	0.02781731	0.02428548	0.05679615
3/20/2023 11:56	0.02697317	0.02351754	0.05769705
3/20/2023 11:55	0.02434465	0.02315461	0.0581868
3/20/2023 11:54	0.02660443	0.02269581	0.05794173
3/20/2023 11:53	0.02038969	0.02083104	0.05628406
3/20/2023 11:52	0.02289358	0.02092676	0.05604494
3/20/2023 11:51	0.02039478	0.0206691	0.05496361
3/20/2023 11:50	0.01863831	0.02091796	0.05548827
3/20/2023 11:49	0.0194217	0.02134009	0.05611767
3/20/2023 11:48	0.02140141	0.0213273	0.05606707
3/20/2023 11:47	0.02319704	0.02109078	0.0548055
3/20/2023 11:46	0.0206793	0.02097761	0.05403514
3/20/2023 11:45	0.02159075	0.02081755	0.0539207
3/20/2023 11:44	0.0206422	0.02088866	0.0540636
3/20/2023 11:43	0.01852416	0.02118691	0.05447359
3/20/2023 11:42	0.01918084	0.0216723	0.05523707
3/20/2023 11:41	0.01900074	0.02216898	0.05496137
3/20/2023 11:40	0.01896678	0.02282954	0.05558894
3/20/2023 11:39	0.02148428	0.02349078	0.05581607
3/20/2023 11:38	0.02331471	0.02383754	0.05484453
3/20/2023 11:37	0.02727773	0.02308847	0.05260117
3/20/2023 11:36	0.02254637	0.02230354	0.05032119
3/20/2023 11:35	0.01995684	0.02266199	0.05036642
3/20/2023 11:34	0.02350442	0.02262149	0.05038125
3/20/2023 11:33	0.03007182	0.02187552	0.04925815

Downwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/20/2023 11:32	0.02258537	0.02063848	0.04594118
3/20/2023 11:31	0.01937515	0.02069178	0.04488868
3/20/2023 11:30	0.02085027	0.02072665	0.04458541
3/20/2023 11:29	0.02186978	0.02047525	0.0432074
3/20/2023 11:28	0.01876936	0.01985027	0.04129174
3/20/2023 11:27	0.01801455	0.02018232	0.04098301
3/20/2023 11:26	0.01988257	0.02032366	0.04006559
3/20/2023 11:25	0.02149812	0.02055138	0.03957057
3/20/2023 11:24	0.01824162	0.02073743	0.03903925
3/20/2023 11:23	0.01797982	0.0212319	0.03929775
3/20/2023 11:22	0.0177491	0.0219347	0.03971949
3/20/2023 11:21	0.01706359	0.02289655	0.04020003
3/20/2023 11:20	0.01753044	0.02419924	0.04071306
3/20/2023 11:19	0.01863424	0.02474749	0.04081738
3/20/2023 11:18	0.01533276	0.02656457	0.04091774
3/20/2023 11:17	0.01505004	0.02894311	0.0410232
3/20/2023 11:16	0.01965699	0.03181121	0.04109746
3/20/2023 11:15	0.04547289	0.02949667	0.03918989
3/20/2023 11:14	0.0779454	0.02874275	0.03674062
3/20/2023 11:13	0.02799641	0.02347419	0.03301197
3/20/2023 11:12	0.03120076	0.02175075	0.03102674
3/20/2023 11:11	0.02126091	0.01928871	0.02986634
3/20/2023 11:10	0.01844342	0.01810573	0.02936717
3/20/2023 11:09	0.01646365	0.01830998	0.02944118
3/20/2023 11:08	0.01647812	0.01881072	0.02961756
3/20/2023 11:07	0.02196072	0.0186738	0.02862746
3/20/2023 11:06	0.03494451	0.01727608	0.02578366
3/20/2023 11:05	0.0143061	0.0148659	0.02217184
3/20/2023 11:04	0.01431213	0.01493225	0.0220851
3/20/2023 10:58	0.01836603	0.01602315	0.02282054
3/20/2023 10:57	0.02028161	0.01525032	0.02164071
3/20/2023 10:56	0.01499035	0.01480117	0.02098298
3/20/2023 10:55	0.01449378	0.01479295	0.02092038
3/20/2023 10:54	0.01417702	0.01492416	0.02148893
3/20/2023 10:45	0.01518586	0.015644	0.03881511
3/20/2023 10:44	0.01795463	0.01584619	0.03870747
3/20/2023 10:43	0.01808316	0.01518507	0.03757411
3/20/2023 10:42	0.0140806	0.01442179	0.03634203
3/20/2023 10:41	0.01473596	0.01439515	0.03674372
3/20/2023 10:40	0.01396818	0.01439101	0.03718628
3/20/2023 10:39	0.01498227	0.01433876	0.03748403
3/20/2023 10:38	0.01385264	0.01382896	0.03730012
3/20/2023 10:37	0.01400319	0.01375695	0.03770078

Downwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/20/2023 10:36	0.0147118	0.01368829	0.03785794
3/20/2023 10:35	0.01385272	0.01354556	0.03820292
3/20/2023 10:34	0.01312988	0.01353733	0.03849773
3/20/2023 10:33	0.01302252	0.01351919	0.03883736
3/20/2023 10:32	0.01356068	0.01360006	0.03923304
3/20/2023 10:31	0.01315805	0.01364977	0.03978999
3/20/2023 10:30	0.01327602	0.01371311	0.04021993
3/20/2023 10:29	0.01497689	0.01370387	0.04024109
3/20/2023 10:28	0.01681031	0.01330798	0.0395683
3/20/2023 10:27	0.01353516	0.01263424	0.03876097
3/20/2023 10:26	0.01318511	0.01260218	0.0387127
3/20/2023 10:25	0.01270748	0.0123562	0.03824428
3/20/2023 10:24	0.01241052	0.01226633	0.03820235
3/20/2023 10:23	0.01575179	0.01216612	0.03810377
3/20/2023 10:22	0.01202671	0.01171469	0.03767308
3/20/2023 10:21	0.01191438	0.01171812	0.03788552
3/20/2023 10:20	0.01220876	0.01168007	0.0380286
3/20/2023 10:19	0.01096333	0.01164599	0.03814069
3/20/2023 10:18	0.01096857	0.01179893	0.03843906
3/20/2023 10:17	0.01098482	0.01197364	0.03886983
3/20/2023 10:16	0.01077376	0.01220712	0.03910843
3/20/2023 10:15	0.01360749	0.01236104	0.03949646
3/20/2023 10:14	0.01365922	0.0124323	0.03952038
3/20/2023 10:13	0.01332507	0.01182597	0.03863883
3/20/2023 10:12	0.01066122	0.0118395	0.03782836
3/20/2023 10:11	0.010795	0.01205579	0.03797802
3/20/2023 10:10	0.03382629	0.01170791	0.03822752
3/20/2023 10:09	0.01035224	0.01067185	0.03856741
3/20/2023 10:08	0.0113558	0.0106708	0.03868071
3/20/2023 10:07	0.01024433	0.01058702	0.0386623
3/20/2023 10:06	0.01030386	0.0106967	0.03876945
3/20/2023 10:05	0.01037925	0.0107985	0.03911541
3/20/2023 10:04	0.01041808	0.01085969	0.03954761
3/20/2023 10:03	0.01009056	0.01101254	0.03982767
3/20/2023 10:02	0.01025412	0.01122496	0.0401764
3/20/2023 10:01	0.01085363	0.01129103	0.04022516
3/20/2023 10:00	0.01202258	0.01121928	0.03975037
3/20/2023 9:59	0.01086111	0.01127529	0.0391022
3/20/2023 9:58	0.01011253	0.01143475	0.03875075
3/20/2023 9:57	0.01015566	0.01168647	0.03903506
3/20/2023 9:56	0.01105103	0.01196745	0.0392695
3/20/2023 9:55	0.01092735	0.01226473	0.03945331
3/20/2023 9:54	0.01121641	0.01262232	0.03950918

Downwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/20/2023 9:53	0.0112218	0.01275153	0.03882549
3/20/2023 9:52	0.01516297	0.01286002	0.03793575
3/20/2023 9:51	0.02059592	0.01209407	0.03563993
3/20/2023 9:50	0.0103972	0.01117289	0.03394577
3/20/2023 9:49	0.00988948	0.01134151	0.0339199
3/20/2023 9:48	0.009614303	0.01162851	0.03396487
3/20/2023 9:47	0.01014155	0.01200812	0.03405736
3/20/2023 9:46	0.01047154	0.01234631	0.03379444
3/20/2023 9:45	0.01004739	0.01270245	0.03382446
3/20/2023 9:44	0.01036344	0.01322445	0.03406004
3/20/2023 9:43	0.01427987	0.01371235	0.0340942
3/20/2023 9:42	0.01628084	0.01326235	0.03276484
3/20/2023 9:41	0.01094	0.01334304	0.03224517
3/20/2023 9:40	0.01103652	0.0138682	0.03253696
3/20/2023 9:39	0.01159517	0.01447362	0.03307383
3/20/2023 9:38	0.01379892	0.01484448	0.03292587
3/20/2023 9:37	0.0153387	0.01503854	0.03297045
3/20/2023 9:36	0.01356656	0.0147127	0.03198552
3/20/2023 9:35	0.0190418	0.0145192	0.03099551
3/20/2023 9:34	0.01018868	0.01418136	0.03022424
3/20/2023 9:33	0.01154138	0.01493239	0.03058806
3/20/2023 9:32	0.01284976	0.01573449	0.03023595
3/20/2023 9:31	0.01669465	0.01561792	0.02901444
3/20/2023 9:30	0.01501055	0.01592659	0.02813251
3/20/2023 9:29	0.01898605	0.01629915	0.02732887
3/20/2023 9:28	0.01262113	0.01568502	0.02561636
3/20/2023 9:27	0.0147051	0.01624284	0.02544134
3/20/2023 9:26	0.01086513	0.01680089	0.02441361
3/20/2023 9:25	0.02421064	0.01768792	0.02418506
3/20/2023 9:24	0.01175791	0.0180003	0.02314349
3/20/2023 9:23	0.01102388	0.01947345	0.02229827
3/20/2023 9:22	0.01103444	0.02126591	0.02197511
3/20/2023 9:21	0.01179733	0.02342414	0.02108721
3/20/2023 9:20	0.01338754	0.02592298	0.02040922
3/20/2023 9:19	0.01617722	0.02823452	0.01872997
3/20/2023 9:18	0.01455729	0.03127591	0.01745659
3/20/2023 9:17	0.01089838	0.03542398	0.01724097
3/20/2023 9:16	0.01106755	0.04055467	0.01718921
3/20/2023 9:15	0.01101098	0.0469462	0.01724468
3/20/2023 9:14	0.01302334	0.05458322	0.01726828
3/20/2023 9:13	0.01504727	0.06343833	0.01724007
3/20/2023 9:12	0.05943951	0.07282836	0.01732535
3/20/2023 9:11	0.04475862	0.06544092	0.01721303

Downwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/20/2023 9:10	0.01953535	0.07292603	0.01690619
3/20/2023 9:09	0.02792399	0.08433173	0.01645637
3/20/2023 9:08	0.197001	0.09065282	0.01659878
3/20/2023 9:07	0.05256546	0.06785246	0.01646484
3/20/2023 9:06	0.01709117	0.07697199	0.01624286
3/20/2023 9:05	0.09486371	0.08363355	0.01569646
3/20/2023 9:04	0.3071836	0.07192513	0.01515301
3/20/2023 9:03	0.06541091	0.0471736	0.0147888
3/20/2023 9:02	0.02505847	0.04422824	0.01495663
3/20/2023 9:01	0.01082092	0.04885875	0.01481293
3/20/2023 9:00	0.01503945	0.05663633	0.01513114
3/20/2023 8:59	0.1001734	0.06407163	0.01544694
3/20/2023 8:58	0.1004853	0.05757739	0.01498543
3/20/2023 8:57	0.01344063	0.06235806	0.01456232
3/20/2023 8:56	0.01247818	0.07293521	0.01367038
3/20/2023 8:55	0.01886997	0.08528605	0.01203064
3/20/2023 8:54	0.103111	0.09813828	0.009434676
3/20/2023 8:53	0.01358814	0.1074448	0.008918304
3/20/2023 8:52	0.0122809	0.1275945	0.007785009
3/20/2023 8:51	0.01614814	0.1521358	0.006257067
3/20/2023 8:50	0.02062518	0.1802635	0.005130244
3/20/2023 8:49	0.04832071	0.2121253	0.004394053
3/20/2023 8:48	0.6835172	0.2353895	0.004525305
3/20/2023 8:47	0.6200621	0.101189	0.003679884
3/20/2023 8:46	0.2225666	0.02445594	0.003079103
3/20/2023 8:45	0.01017419	0.01095783	0.002992146
3/20/2023 8:44	0.01331593	0.01051421	0.003014644
3/20/2023 8:43	0.009386491	0.01024487	0.003065303
3/20/2023 8:42	0.01084019	0.01023993	0.003214382
3/20/2023 8:41	0.01029028	0.01010426	0.003428499
3/20/2023 8:40	0.00946141	0.0102383	0.003622774
3/20/2023 8:39	0.00874763	0.01037603	0.003846146
3/20/2023 8:38	0.008361834	0.01075081	0.004102346
3/20/2023 8:37	0.008747741	0.01117808	0.004375611
3/20/2023 8:36	0.01315276	0.01172332	0.004667091
3/20/2023 8:35	0.01733732	0.01107218	0.004321984
3/20/2023 8:34	0.01162991	0.008781536	0.003209029
3/20/2023 8:33	0.008240558	0.008512196	0.003369405
3/20/2023 8:32	0.008816883	0.008608823	0.003593849
3/20/2023 8:31	0.008172248	0.008502863	0.003833244
3/20/2023 8:30	0.007984977	0.008677437	0.004084041
3/20/2023 8:29	0.008173514	0.008806044	0.004356088
3/20/2023 8:28	0.00791364	0.00886209	0.004646261

Downwind CAMP Data
March 20, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/20/2023 8:27	0.007980757	0.009016351	0.004955772
3/20/2023 8:26	0.01076224	0.009176195	0.005285904
3/20/2023 8:25	0.008159414	0.008894989	0.005650567
3/20/2023 8:24	0.009223849	0.009083888	0.006033684
3/20/2023 8:23	0.01263225	0.008939371	0.006062229
3/20/2023 8:22	0.007816874	0.008204132	0.001327152
3/20/2023 8:21	0.008022254	0.008296993	0.00046853
3/20/2023 8:20	0.008932058	0.008288815	0.00049974
3/20/2023 8:19	0.007027569	0.008263167	0.000533028
3/20/2023 8:18	0.01055255	0.008400214	0.000262299
3/20/2023 8:17	0.009197316	0.008316493	1.76E-05
3/20/2023 8:16	0.008191721	0.008165512	1.88E-05
3/20/2023 8:15	0.007144013	0.008048849	2.00E-05
3/20/2023 8:14	0.007584161	0.00815292	2.14E-05
3/20/2023 8:13	0.008022614	0.008336009	2.28E-05
3/20/2023 8:12	0.007896401	0.008296666	2.43E-05
3/20/2023 8:11	0.008076819	0.008407678	2.60E-05
3/20/2023 8:10	0.007441055	0.008525393	2.77E-05
3/20/2023 8:09	0.008969476	0.008761801	2.95E-05
3/20/2023 8:08	0.01101924	0.008815872	3.15E-05
3/20/2023 8:07	0.01030307	0.008169575	0
3/20/2023 8:06	0.007595537	0.008017511	0
3/20/2023 8:05	0.009457729	0.008138525	0
3/20/2023 8:04	0.007847962	0.008151201	0
3/20/2023 8:03	0.007951212	0.008181291	0
3/20/2023 8:02	0.006967534	0.008287854	0
3/20/2023 8:01	0.008050544	0.008515034	0
3/20/2023 8:00	0.007690264	0.008521891	0
3/20/2023 7:59	0.009690474	0.008623245	0
3/20/2023 7:58	0.009240259	0.008584467	0
3/20/2023 7:57	0.01062898	0.008258668	0
3/20/2023 7:56	0.007763825	0.008136222	0
3/20/2023 7:55	0.007651305	0.008337455	0
3/20/2023 7:54	0.006997555	0.008583471	0
3/20/2023 7:53	0.009643067	0.008860221	0
3/20/2023 7:52	0.0116412	0.008672132	0

Upwind CAMP Data
March 21, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 12:50	0.01818795	0.019838	0.1657255
3/21/2023 12:49	0.01815199	0.01964349	0.1631657
3/21/2023 12:48	0.01843619	0.02010656	0.161601
3/21/2023 12:47	0.01652796	0.02057216	0.1598791
3/21/2023 12:46	0.0176188	0.02120545	0.1589233
3/21/2023 12:45	0.01396895	0.02205111	0.1582195
3/21/2023 12:44	0.0147957	0.02366054	0.1565091
3/21/2023 12:43	0.03257385	0.02586738	0.1561182
3/21/2023 12:42	0.02932759	0.0256954	0.1560131
3/21/2023 12:41	0.01454367	0.02143512	0.1551424
3/21/2023 12:40	0.01269523	0.02314534	0.1552789
3/21/2023 12:39	0.01224796	0.02551433	0.1558139
3/21/2023 12:38	0.01468578	0.02822883	0.1562925
3/21/2023 12:37	0.02598749	0.03025206	0.1571246
3/21/2023 12:36	0.01429694	0.03292911	0.1569791
3/21/2023 12:35	0.01699049	0.03670029	0.1556714
3/21/2023 12:34	0.01893257	0.04090164	0.1538539
3/21/2023 12:33	0.01557724	0.04572699	0.1523224
3/21/2023 12:32	0.01328384	0.05230474	0.151516
3/21/2023 12:31	0.01192638	0.06084897	0.1513335
3/21/2023 12:30	0.01149853	0.07135924	0.151694
3/21/2023 12:29	0.01147483	0.08419996	0.151595
3/21/2023 12:28	0.01109118	0.09969721	0.1512347
3/21/2023 12:27	0.01116742	0.1185899	0.1510713
3/21/2023 12:26	0.01226079	0.1419581	0.1510646
3/21/2023 12:25	0.01210176	0.169202	0.1512518
3/21/2023 12:24	0.01337583	0.2027297	0.1512572
3/21/2023 12:23	0.0123694	0.2432148	0.1510702
3/21/2023 12:22	0.01253687	0.2925487	0.1509762
3/21/2023 12:21	0.01626488	0.3521484	0.150047
3/21/2023 12:20	0.02049467	0.42437	0.1502603
3/21/2023 12:19	0.01236788	0.5117579	0.1498187
3/21/2023 12:18	0.01715138	0.6182483	0.1501643
3/21/2023 12:17	0.0491921	0.7453445	0.150793
3/21/2023 12:16	0.4773941	0.8800113	0.1512231
3/21/2023 12:15	6.19547	0.7497954	0.1508827
3/21/2023 12:14	0.01564416	0.06944086	0.15048
3/21/2023 12:13	0.03511137	0.08052037	0.1510162
3/21/2023 12:12	0.03368666	0.09236893	0.1506301
3/21/2023 12:11	0.09292525	0.1032271	0.1498553
3/21/2023 12:10	0.750325	0.062493	0.1474872
3/21/2023 12:09	0.01566399	0.02688845	0.1448894
3/21/2023 12:08	0.0172612	0.02909255	0.1423184

Upwind CAMP Data
March 21, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 12:07	0.01201982	0.03214902	0.1420782
3/21/2023 12:06	0.0131876	0.0364444	0.1432763
3/21/2023 12:05	0.01251236	0.04130919	0.1439953
3/21/2023 12:04	0.01375329	0.04742537	0.1440945
3/21/2023 12:03	0.01339472	0.05476126	0.144098
3/21/2023 12:02	0.0202623	0.06301427	0.1434597
3/21/2023 12:01	0.01305343	0.07330976	0.1434443
3/21/2023 12:00	0.02370671	0.08597654	0.143967
3/21/2023 11:59	0.0321153	0.09865708	0.1446069
3/21/2023 11:58	0.01919637	0.112525	0.1438576
3/21/2023 11:57	0.01878589	0.1311992	0.1439509
3/21/2023 11:56	0.04092698	0.1536195	0.1431952
3/21/2023 11:55	0.01285245	0.1813297	0.1440625
3/21/2023 11:54	0.01402413	0.2171731	0.1449624
3/21/2023 11:53	0.02046225	0.2612168	0.1457363
3/21/2023 11:52	0.08406647	0.310627	0.1472044
3/21/2023 11:51	0.06943163	0.3683403	0.1481128
3/21/2023 11:50	0.03641266	0.435614	0.1495346
3/21/2023 11:49	0.2122529	0.5183008	0.1507055
3/21/2023 11:48	0.3248258	0.577619	0.1520224
3/21/2023 11:47	0.2659658	0.5916835	0.1527033
3/21/2023 11:46	0.07775743	0.6985189	0.1531197
3/21/2023 11:45	0.5424213	0.8216199	0.1529137
3/21/2023 11:44	1.724156	0.8261662	0.1526034
3/21/2023 11:43	2.772805	0.6869457	0.1525135
3/21/2023 11:42	0.08410972	0.4210282	0.1517593
3/21/2023 11:41	0.06695934	0.50262	0.1532705
3/21/2023 11:40	0.1631625	0.5983166	0.1543657
3/21/2023 11:39	0.4738889	0.6999323	0.1534179
3/21/2023 11:38	0.04256113	0.727855	0.1510055
3/21/2023 11:37	0.07009144	0.8739954	0.1497371
3/21/2023 11:35	1.490377	0.9076062	0.1464487
3/21/2023 11:34	0.02822685	1.014063	0.1457775
3/21/2023 11:33	0.07812425	1.223308	0.1459283
3/21/2023 11:32	0.4908778	1.442304	0.1459156
3/21/2023 11:31	5.968163	1.579719	0.1457098
3/21/2023 11:30	0.8922933	1.254362	0.1463088
3/21/2023 11:29	3.61602	1.244614	0.1460502
3/21/2023 11:28	0.5485056	0.2282334	0.1469071
3/21/2023 11:27	0.4803485	0.2313902	0.1477833
3/21/2023 11:26	0.1724681	0.08520471	0.1489782
3/21/2023 11:25	0.03060906	0.06512221	0.1497252
3/21/2023 11:24	0.178642	0.06343998	0.1503019

Upwind CAMP Data
March 21, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 11:23	0.1701081	0.04769866	0.1505416
3/21/2023 11:22	0.02026895	0.0141454	0.1508886
3/21/2023 11:21	0.01235118	0.01358606	0.1520393
3/21/2023 11:20	0.01298468	0.0139762	0.153061
3/21/2023 11:19	0.01325389	0.0128775	0.1535538
3/21/2023 11:18	0.009349697	0.01339401	0.1540664
3/21/2023 11:17	0.01115817	0.01413066	0.1545234
3/21/2023 11:16	0.01017358	0.01477362	0.1549139
3/21/2023 11:15	0.01210044	0.01549416	0.155015
3/21/2023 11:14	0.01200401	0.01623861	0.1545865
3/21/2023 11:13	0.008993454	0.01751703	0.1548014
3/21/2023 11:12	0.01282761	0.01910817	0.1554278
3/21/2023 11:11	0.05953109	0.0195738	0.156185
3/21/2023 11:10	0.01768014	0.01000181	0.156409
3/21/2023 11:09	0.00992813	0.00892243	0.1568284
3/21/2023 11:08	0.009542922	0.008725735	0.157216
3/21/2023 11:07	0.009089254	0.008582496	0.1575715
3/21/2023 11:06	0.008249446	0.008570726	0.1579813
3/21/2023 11:05	0.008950373	0.008588554	0.1582216
3/21/2023 11:04	0.008583499	0.008540101	0.1580235
3/21/2023 11:03	0.007921473	0.008582865	0.1581227
3/21/2023 11:02	0.008000711	0.00875195	0.1582217
3/21/2023 11:01	0.007889453	0.008899108	0.1583631
3/21/2023 11:00	0.007871874	0.008982033	0.1584543
3/21/2023 10:59	0.007761507	0.009235452	0.1584446
3/21/2023 10:58	0.007868841	0.009606913	0.1584368
3/21/2023 10:57	0.009115512	0.009856152	0.1581254
3/21/2023 10:56	0.008497344	0.01013042	0.1574371
3/21/2023 10:55	0.008139081	0.01041511	0.1570847
3/21/2023 10:54	0.009098184	0.01080318	0.1568851
3/21/2023 10:53	0.02231853	0.01090629	0.1567678
3/21/2023 10:52	0.007241253	0.008807123	0.1566781
3/21/2023 10:51	0.008992865	0.008945675	0.1564722
3/21/2023 10:50	0.008485045	0.008896966	0.1561521
3/21/2023 10:49	0.009736305	0.009007665	0.1558739
3/21/2023 10:48	0.008528986	0.008985714	0.1556188
3/21/2023 10:47	0.007133597	0.009296283	0.155613
3/21/2023 10:46	0.00718952	0.009602197	0.1554582
3/21/2023 10:45	0.0112629	0.009874193	0.1552159
3/21/2023 10:44	0.01377541	0.009439582	0.1542114
3/21/2023 10:43	0.007381291	0.009186228	0.1541142
3/21/2023 10:42	0.008033027	0.009553291	0.1549063
3/21/2023 10:41	0.01099632	0.009699252	0.1556964

Upwind CAMP Data
March 21, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 10:40	0.009792578	0.009614496	0.1562498
3/21/2023 10:39	0.00863054	0.009580253	0.1567623
3/21/2023 10:38	0.007987014	0.009799448	0.1574463
3/21/2023 10:37	0.01019806	0.01007095	0.1582351
3/21/2023 10:36	0.008373551	0.01010837	0.1590054
3/21/2023 10:35	0.007520888	0.01039703	0.1599576
3/21/2023 10:34	0.007439408	0.01105912	0.1613594
3/21/2023 10:33	0.008308687	0.01171624	0.1627627
3/21/2023 10:32	0.03539559	0.0115169	0.1639434
3/21/2023 10:31	0.008831877	0.009916761	0.1648463
3/21/2023 10:30	0.009059744	0.01022545	0.1660628
3/21/2023 10:29	0.007950561	0.01054825	0.1670289
3/21/2023 10:28	0.007797136	0.01110158	0.168216
3/21/2023 10:27	0.008197869	0.01183888	0.1693775
3/21/2023 10:26	0.007110601	0.01261496	0.1702597
3/21/2023 10:25	0.008969434	0.01363569	0.1711626
3/21/2023 10:24	0.008156571	0.01471345	0.1719032
3/21/2023 10:23	0.009513828	0.01597435	0.1727945
3/21/2023 10:22	0.009792287	0.01724958	0.173832
3/21/2023 10:21	0.008112187	0.01885408	0.1748846
3/21/2023 10:20	0.03317806	0.02043981	0.1757604
3/21/2023 10:19	0.009556362	0.02123661	0.1766957
3/21/2023 10:18	0.01354642	0.0236796	0.177334
3/21/2023 10:17	0.008288541	0.0239791	0.177391
3/21/2023 10:16	0.007420626	0.02743173	0.1775417
3/21/2023 10:15	0.008226202	0.03161647	0.1778445
3/21/2023 10:14	0.007555823	0.03672042	0.1782537
3/21/2023 10:13	0.008409149	0.04274549	0.1786912
3/21/2023 10:12	0.009166467	0.04997013	0.1790495
3/21/2023 10:11	0.009719675	0.05858679	0.179047
3/21/2023 10:10	0.01107049	0.06901497	0.1790572
3/21/2023 10:09	0.01710165	0.08130576	0.1789694
3/21/2023 10:08	0.07494109	0.0933473	0.1789548
3/21/2023 10:07	0.2739561	0.08158442	0.1791147
3/21/2023 10:06	0.02376243	0.03724007	0.1791698
3/21/2023 10:05	0.06615627	0.03888544	0.1794602
3/21/2023 10:04	0.0739772	0.03007159	0.1790604
3/21/2023 10:03	0.07725152	0.01893837	0.1786263
3/21/2023 10:02	0.01206374	0.01353229	0.1779659
3/21/2023 10:01	0.009474896	0.01415169	0.1774086
3/21/2023 10:00	0.009744158	0.01514595	0.1774288
3/21/2023 9:59	0.009971889	0.0161974	0.1770316
3/21/2023 9:58	0.009743541	0.0176024	0.176815

Upwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 9:57	0.01732564	0.01903123	0.1767993
3/21/2023 9:56	0.02140391	0.01854685	0.1762391
3/21/2023 9:55	0.01398859	0.01927828	0.1758071
3/21/2023 9:54	0.01642043	0.02023563	0.1752107
3/21/2023 9:53	0.01712367	0.02075557	0.1746996
3/21/2023 9:52	0.0158707	0.02187473	0.1739914
3/21/2023 9:51	0.01640798	0.02301788	0.1733534
3/21/2023 9:50	0.01373612	0.0241489	0.1724492
3/21/2023 9:49	0.01362355	0.0264506	0.1715379
3/21/2023 9:48	0.01570109	0.02903364	0.1706242
3/21/2023 9:47	0.02068329	0.03139433	0.169738
3/21/2023 9:46	0.05991565	0.03162327	0.1688634
3/21/2023 9:45	0.01692854	0.02978341	0.1679276
3/21/2023 9:44	0.01497573	0.03277802	0.1671973
3/21/2023 9:43	0.01653425	0.0365238	0.1663465
3/21/2023 9:42	0.01648124	0.04088807	0.1651481
3/21/2023 9:41	0.01590794	0.04630199	0.1645997
3/21/2023 9:40	0.01600821	0.05296193	0.164529
3/21/2023 9:39	0.01656746	0.06080957	0.1646848
3/21/2023 9:38	0.01739353	0.07010704	0.1647473
3/21/2023 9:37	0.01689168	0.08141018	0.16473
3/21/2023 9:36	0.01679739	0.09528011	0.1648281
3/21/2023 9:35	0.01719833	0.1123562	0.1649194
3/21/2023 9:34	0.01699597	0.1326943	0.1648334
3/21/2023 9:33	0.01833074	0.1573441	0.1646953
3/21/2023 9:32	0.01862577	0.1870251	0.1643279
3/21/2023 9:31	0.02396935	0.2228283	0.1640632
3/21/2023 9:30	0.05595978	0.2641998	0.1634263
3/21/2023 9:29	0.04908872	0.3061977	0.1625955
3/21/2023 9:28	0.03304855	0.3640913	0.1609218
3/21/2023 9:27	0.06153361	0.4339055	0.159603
3/21/2023 9:26	0.06746907	0.5124148	0.1595404
3/21/2023 9:25	0.1770993	0.6006331	0.1595711
3/21/2023 9:24	0.7463384	0.6548398	0.1596604
3/21/2023 9:23	1.186902	0.66046	0.1599281
3/21/2023 9:22	1.483772	0.5168766	0.1598514
3/21/2023 9:21	0.8155797	0.3357662	0.1595563
3/21/2023 9:20	0.03328991	0.2928892	0.1588417
3/21/2023 9:19	0.06291861	0.347941	0.1579525
3/21/2023 9:18	0.3574136	0.3990651	0.1564218
3/21/2023 9:17	0.9066534	0.3755034	0.1561515
3/21/2023 9:16	0.7765248	0.2478226	0.1557595
3/21/2023 9:15	0.1043413	0.1663038	0.1555899

Upwind CAMP Data
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Grand Union Hotel Bowling Alley Site
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 9:14	0.2208337	0.1759204	0.1555214
3/21/2023 9:13	0.3883092	0.1357934	0.1552248
3/21/2023 9:12	0.2818354	0.09090464	0.1548882
3/21/2023 9:11	0.1613727	0.04170917	0.1546006
3/21/2023 9:10	0.0281022	0.03452108	0.1543192
3/21/2023 9:09	0.0256774	0.03594067	0.1539735
3/21/2023 9:08	0.0259252	0.03819647	0.1535862
3/21/2023 9:07	0.03214599	0.04052862	0.1528733
3/21/2023 9:06	0.06628074	0.04097585	0.1522171
3/21/2023 9:05	0.03525595	0.03522365	0.1518878
3/21/2023 9:04	0.0326487	0.03662121	0.1516478
3/21/2023 9:03	0.05473287	0.03597853	0.1509911
3/21/2023 9:02	0.05751929	0.03112303	0.1504253
3/21/2023 9:01	0.03547498	0.02728206	0.1500423
3/21/2023 9:00	0.03057432	0.02634615	0.1494637
3/21/2023 8:59	0.02878093	0.02603335	0.1487311
3/21/2023 8:58	0.02606711	0.02574689	0.1477174
3/21/2023 8:57	0.0242172	0.02591353	0.1471158
3/21/2023 8:56	0.02542484	0.02618451	0.1463566
3/21/2023 8:55	0.0254287	0.02643769	0.1455563
3/21/2023 8:54	0.02580447	0.02665118	0.1444094
3/21/2023 8:53	0.02564945	0.02669831	0.1427489
3/21/2023 8:52	0.02459276	0.02701837	0.1414547
3/21/2023 8:51	0.02516674	0.02747711	0.1403141
3/21/2023 8:50	0.02679545	0.0278996	0.1390022
3/21/2023 8:49	0.02791331	0.02806062	0.1375947
3/21/2023 8:48	0.02843823	0.02804371	0.1362297
3/21/2023 8:47	0.02823456	0.02800844	0.1348682
3/21/2023 8:46	0.02958677	0.02779378	0.1331866
3/21/2023 8:45	0.029015	0.02752085	0.1315632
3/21/2023 8:44	0.02824546	0.02725308	0.1296795
3/21/2023 8:43	0.02737812	0.02679369	0.1275873
3/21/2023 8:42	0.02546992	0.02690537	0.1259456
3/21/2023 8:41	0.0259066	0.02722705	0.1245705
3/21/2023 8:40	0.02607961	0.02745268	0.123175
3/21/2023 8:39	0.0270033	0.02772765	0.121705
3/21/2023 8:38	0.02640312	0.02789635	0.1202304
3/21/2023 8:37	0.02638784	0.02821559	0.1188842
3/21/2023 8:36	0.02706087	0.02852732	0.1175017
3/21/2023 8:35	0.02850715	0.02873224	0.1160931
3/21/2023 8:34	0.0286611	0.02881923	0.114538
3/21/2023 8:33	0.02748979	0.0288713	0.1126785
3/21/2023 8:32	0.02774338	0.02921691	0.111091

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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 8:31	0.02816911	0.02940386	0.109203
3/21/2023 8:30	0.02728613	0.02979557	0.1074038
3/21/2023 8:29	0.02764277	0.03032138	0.1057356
3/21/2023 8:28	0.02820637	0.03092095	0.1038845
3/21/2023 8:27	0.03070584	0.03135193	0.101913
3/21/2023 8:26	0.03712402	0.03112587	0.09967628
3/21/2023 8:25	0.02901389	0.03054491	0.09720823
3/21/2023 8:24	0.03235932	0.03077711	0.09482944
3/21/2023 8:23	0.02891066	0.03048396	0.09256753
3/21/2023 8:22	0.02931543	0.03080549	0.09030302
3/21/2023 8:21	0.0299791	0.0310211	0.08802825
3/21/2023 8:20	0.03036218	0.03115564	0.08574562
3/21/2023 8:19	0.03108739	0.03120045	0.08342953
3/21/2023 8:18	0.03412554	0.03103497	0.08100055
3/21/2023 8:17	0.03111812	0.03072814	0.07825054
3/21/2023 8:16	0.03216037	0.03051694	0.07549882
3/21/2023 8:15	0.03283226	0.03013439	0.0722412
3/21/2023 8:14	0.02986346	0.02990633	0.0691063
3/21/2023 8:13	0.02848566	0.03005605	0.06657451
3/21/2023 8:12	0.02912606	0.03040136	0.06426895
3/21/2023 8:11	0.02950736	0.03069633	0.06193697
3/21/2023 8:10	0.0293484	0.03099275	0.05976915
3/21/2023 8:09	0.03133918	0.03105331	0.0571425
3/21/2023 8:08	0.03091875	0.03092986	0.05431109
3/21/2023 8:07	0.03047549	0.03101492	0.0516807
3/21/2023 8:06	0.03029193	0.03120809	0.0493991
3/21/2023 8:05	0.03020538	0.03136879	0.04721396
3/21/2023 8:04	0.02991019	0.031663	0.04528135
3/21/2023 8:03	0.03101034	0.03188038	0.04318473
3/21/2023 8:02	0.0301482	0.03198214	0.04113682
3/21/2023 8:01	0.02972433	0.03241954	0.0392322
3/21/2023 8:00	0.03100003	0.03291762	0.03751022
3/21/2023 7:59	0.03102712	0.03332785	0.03561722
3/21/2023 7:58	0.03077673	0.03376145	0.03385619
3/21/2023 7:57	0.0318868	0.03430281	0.03198468
3/21/2023 7:56	0.03379301	0.03482831	0.02996657
3/21/2023 7:55	0.03367037	0.03497965	0.02781408
3/21/2023 7:54	0.03228787	0.0352015	0.02583753
3/21/2023 7:53	0.03404588	0.03587158	0.02419059
3/21/2023 7:52	0.03444608	0.03611092	0.0221264
3/21/2023 7:51	0.03445332	0.03641187	0.02019607
3/21/2023 7:50	0.03476615	0.03676255	0.01838848
3/21/2023 7:49	0.03358901	0.03730673	0.01680646

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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 7:48	0.0314156	0.03837081	0.01592534
3/21/2023 7:47	0.03315929	0.03967356	0.01533931
3/21/2023 7:46	0.03732148	0.04076245	0.01458049
3/21/2023 7:45	0.03585984	0.0416907	0.01367718
3/21/2023 7:44	0.03532239	0.04283626	0.01313654
3/21/2023 7:43	0.0404595	0.04423323	0.01274204
3/21/2023 7:42	0.03911926	0.04505426	0.01110841
3/21/2023 7:41	0.04535589	0.0460157	0.009425366
3/21/2023 7:40	0.04402867	0.04605699	0.00686353
3/21/2023 7:39	0.04523957	0.04654418	0.004740085
3/21/2023 7:38	0.04277441	0.0467826	0.001967395
3/21/2023 7:37	0.03976184	0.0479122	0.00061696
3/21/2023 7:36	0.03933221	0.04977737	0.000204611
3/21/2023 7:35	0.0384703	0.05205247	0.000154389
3/21/2023 7:34	0.03701759	0.05516563	0.000164674
3/21/2023 7:33	0.03608251	0.05902169	0.000175643
3/21/2023 7:32	0.03674152	0.06383398	0.000187343
3/21/2023 7:31	0.03666975	0.06966816	0.000199823
3/21/2023 7:30	0.03563766	0.07674666	0.000213371
3/21/2023 7:29	0.03501875	0.08569758	0.000227584
3/21/2023 7:28	0.03620861	0.09647894	0.000242744

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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 12:46	0.03449684	0.03315941	0.1065758
3/21/2023 12:45	0.03389728	0.03293698	0.1067225
3/21/2023 12:44	0.03375875	0.03271813	0.106783
3/21/2023 12:43	0.03182188	0.03277395	0.1068883
3/21/2023 12:42	0.03224646	0.03295165	0.1071234
3/21/2023 12:41	0.03352636	0.03299831	0.1071785
3/21/2023 12:40	0.03350742	0.0329753	0.1072214
3/21/2023 12:39	0.03329639	0.03296861	0.1074731
3/21/2023 12:38	0.03234493	0.03290762	0.1073698
3/21/2023 12:37	0.03477997	0.03293618	0.1075718
3/21/2023 12:36	0.03252046	0.03277705	0.1077878
3/21/2023 12:35	0.0329445	0.03288188	0.1081947
3/21/2023 12:34	0.03486534	0.03290533	0.1079096
3/21/2023 12:33	0.03421035	0.03259251	0.1057233
3/21/2023 12:32	0.03205001	0.03215679	0.1036223
3/21/2023 12:31	0.03229061	0.03218441	0.1029974
3/21/2023 12:30	0.0312001	0.03210872	0.1030749
3/21/2023 12:29	0.03214066	0.03228442	0.1032903
3/21/2023 12:28	0.03133933	0.03233886	0.1033817
3/21/2023 12:27	0.03005424	0.03260781	0.1029036
3/21/2023 12:26	0.03103608	0.03308088	0.1030673
3/21/2023 12:25	0.03182132	0.03343444	0.1028316
3/21/2023 12:24	0.03199095	0.03368802	0.1024327
3/21/2023 12:23	0.0315678	0.03409376	0.1018336
3/21/2023 12:22	0.03153348	0.03462332	0.1014156
3/21/2023 12:21	0.03234105	0.03538192	0.1012085
3/21/2023 12:20	0.03073976	0.03610559	0.101039
3/21/2023 12:19	0.03123385	0.03703059	0.1007162
3/21/2023 12:18	0.03290746	0.03834733	0.1005138
3/21/2023 12:17	0.03334136	0.03857778	0.1004541
3/21/2023 12:16	0.06544856	0.03795572	0.1004301
3/21/2023 12:15	0.04366294	0.03438949	0.1003268
3/21/2023 12:14	0.0312295	0.03435362	0.1004984
3/21/2023 12:13	0.03208574	0.03501284	0.1008177
3/21/2023 12:12	0.03133897	0.03524243	0.1006294
3/21/2023 12:11	0.0522829	0.03599285	0.1004846
3/21/2023 12:10	0.03210418	0.03308362	0.09926988
3/21/2023 12:09	0.03021556	0.03353313	0.09869951
3/21/2023 12:08	0.03081165	0.03410156	0.09876721
3/21/2023 12:07	0.03039588	0.03483769	0.09896562
3/21/2023 12:06	0.03027166	0.03583122	0.09942716
3/21/2023 12:05	0.03110342	0.03700986	0.09995198
3/21/2023 12:04	0.03096086	0.0380964	0.1001396

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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 12:03	0.03150755	0.03963847	0.1003683
3/21/2023 12:02	0.0303492	0.04166113	0.09997949
3/21/2023 12:01	0.03004312	0.04397294	0.0995926
3/21/2023 12:00	0.03017024	0.04685561	0.09963983
3/21/2023 11:59	0.03047134	0.05045519	0.1000942
3/21/2023 11:58	0.03105605	0.05480783	0.1006293
3/21/2023 11:57	0.0395423	0.0591244	0.1007917
3/21/2023 11:56	0.03021643	0.06354894	0.09917691
3/21/2023 11:55	0.02861848	0.07079727	0.09935436
3/21/2023 11:54	0.02882951	0.07976774	0.09963727
3/21/2023 11:53	0.02889757	0.09074233	0.1000079
3/21/2023 11:52	0.02894973	0.1039472	0.09979226
3/21/2023 11:51	0.03018826	0.1202024	0.1000979
3/21/2023 11:50	0.03068242	0.1394414	0.09999584
3/21/2023 11:49	0.02944036	0.1625046	0.1003989
3/21/2023 11:48	0.03024003	0.1910061	0.1009817
3/21/2023 11:47	0.06418219	0.2248899	0.1016599
3/21/2023 11:46	0.3040001	0.2385065	0.101939
3/21/2023 11:45	0.1024095	0.2191341	0.1009935
3/21/2023 11:44	0.03953233	0.2491224	0.09974425
3/21/2023 11:43	0.2998929	0.2896852	0.1003289
3/21/2023 11:42	0.4528286	0.2945785	0.1008124
3/21/2023 11:41	0.6054822	0.2240064	0.1015105
3/21/2023 11:40	0.4549642	0.1962591	0.1016779
3/21/2023 11:39	0.1088016	0.06808138	0.1010721
3/21/2023 11:38	0.1454037	0.05865235	0.09939271
3/21/2023 11:37	0.0569472	0.05602654	0.09908524
3/21/2023 11:36	0.1346178	0.05520124	0.09680443
3/21/2023 11:35	0.04717994	0.03925562	0.09568968
3/21/2023 11:34	0.02865521	0.04074892	0.09538233
3/21/2023 11:33	0.04328457	0.04176842	0.09535816
3/21/2023 11:32	0.07272246	0.0417982	0.09531385
3/21/2023 11:31	0.05744075	0.03865999	0.0953653
3/21/2023 11:30	0.06377958	0.03412923	0.09558006
3/21/2023 11:29	0.05420896	0.0330736	0.09541915
3/21/2023 11:28	0.02722862	0.029887	0.09567283
3/21/2023 11:27	0.02738987	0.03043032	0.09576231
3/21/2023 11:26	0.02687675	0.03116084	0.09582323
3/21/2023 11:25	0.02652948	0.03205358	0.09570329
3/21/2023 11:24	0.0270026	0.03295486	0.09526646
3/21/2023 11:23	0.02806028	0.03422321	0.09468152
3/21/2023 11:22	0.02896318	0.0354213	0.09451868
3/21/2023 11:21	0.02780503	0.03680594	0.09465361

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Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 11:20	0.02669153	0.03893466	0.09483664
3/21/2023 11:19	0.02626575	0.04141793	0.09499617
3/21/2023 11:18	0.038821	0.04462345	0.09483625
3/21/2023 11:17	0.02720939	0.04634175	0.09476584
3/21/2023 11:16	0.02722923	0.05058147	0.09281197
3/21/2023 11:15	0.0335229	0.05568775	0.09288327
3/21/2023 11:14	0.03017328	0.0570719	0.091465
3/21/2023 11:13	0.02583926	0.06323707	0.0908583
3/21/2023 11:12	0.02968789	0.07117055	0.09101842
3/21/2023 11:11	0.03670041	0.07966197	0.08974826
3/21/2023 11:10	0.1073494	0.08992888	0.08951098
3/21/2023 11:09	0.03004033	0.02976809	0.08933154
3/21/2023 11:08	0.05353703	0.02976684	0.08960043
3/21/2023 11:07	0.02708015	0.02762168	0.08953293
3/21/2023 11:06	0.02649038	0.02764308	0.0893115
3/21/2023 11:05	0.02611567	0.02783025	0.089388
3/21/2023 11:04	0.02755433	0.02781919	0.08951013
3/21/2023 11:03	0.03022005	0.02794046	0.08969592
3/21/2023 11:02	0.02603918	0.02719666	0.0898412
3/21/2023 11:01	0.02503578	0.02748756	0.08977604
3/21/2023 11:00	0.02637741	0.02789105	0.09011237
3/21/2023 10:59	0.03033655	0.02812879	0.09033026
3/21/2023 10:58	0.0259549	0.02744544	0.0907032
3/21/2023 10:57	0.02721648	0.02774781	0.09115456
3/21/2023 10:56	0.02516909	0.02804354	0.0912676
3/21/2023 10:55	0.0272355	0.02852525	0.09148592
3/21/2023 10:54	0.02683776	0.0288186	0.09132528
3/21/2023 10:53	0.03866283	0.02894553	0.09174135
3/21/2023 10:52	0.02831888	0.02726298	0.09211388
3/21/2023 10:51	0.02750744	0.02700566	0.09236263
3/21/2023 10:50	0.02781647	0.02712575	0.09255794
3/21/2023 10:49	0.02583722	0.026639	0.09250885
3/21/2023 10:48	0.02652987	0.02678617	0.09266981
3/21/2023 10:47	0.02533103	0.02683977	0.0929559
3/21/2023 10:46	0.02526164	0.02710457	0.09329598
3/21/2023 10:45	0.0255706	0.02744882	0.09345101
3/21/2023 10:44	0.02975846	0.02759819	0.09346966
3/21/2023 10:43	0.02505127	0.02765793	0.09253828
3/21/2023 10:42	0.02521956	0.02817285	0.09068146
3/21/2023 10:41	0.02713475	0.02870511	0.09080017
3/21/2023 10:40	0.03398207	0.02910221	0.09098282
3/21/2023 10:39	0.02580429	0.02792533	0.08965051
3/21/2023 10:38	0.02582468	0.02820905	0.08978103

Downwind CAMP Data
March 21, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 10:37	0.02704224	0.02840146	0.08883314
3/21/2023 10:36	0.02584685	0.02887351	0.08877051
3/21/2023 10:35	0.02518873	0.02954658	0.0890545
3/21/2023 10:34	0.02642201	0.03045479	0.0895375
3/21/2023 10:33	0.0312047	0.03094202	0.08977747
3/21/2023 10:32	0.02613036	0.03186522	0.09030527
3/21/2023 10:31	0.02566202	0.03311045	0.09080261
3/21/2023 10:30	0.0262571	0.03458457	0.09154311
3/21/2023 10:29	0.02630329	0.03634518	0.0920018
3/21/2023 10:28	0.04372742	0.03764712	0.09219186
3/21/2023 10:27	0.02885767	0.03877421	0.09109889
3/21/2023 10:26	0.02791579	0.04078145	0.09111704
3/21/2023 10:25	0.03124116	0.04352309	0.08956037
3/21/2023 10:24	0.02642456	0.04676795	0.08870223
3/21/2023 10:23	0.02800258	0.05100271	0.08845215
3/21/2023 10:22	0.0418523	0.05547012	0.0890757
3/21/2023 10:21	0.04826593	0.05966508	0.08906464
3/21/2023 10:20	0.02660212	0.06232908	0.08788888
3/21/2023 10:19	0.0255137	0.07000905	0.08809063
3/21/2023 10:18	0.02593478	0.07950735	0.08839999
3/21/2023 10:17	0.03587397	0.0910351	0.08877754
3/21/2023 10:16	0.0267417	0.09872335	0.08870305
3/21/2023 10:15	0.02700074	0.1141964	0.08902298
3/21/2023 10:14	0.02581147	0.1327689	0.08930962
3/21/2023 10:13	0.02616745	0.1554851	0.08954598
3/21/2023 10:12	0.0246984	0.1827685	0.08979978
3/21/2023 10:11	0.02671717	0.217206	0.0902395
3/21/2023 10:10	0.02534975	0.2576249	0.08900994
3/21/2023 10:09	0.02456512	0.3072429	0.08869061
3/21/2023 10:08	0.02747621	0.3675306	0.08901182
3/21/2023 10:07	0.05313921	0.4399162	0.08941297
3/21/2023 10:06	0.07384842	0.4917724	0.08985442
3/21/2023 10:05	0.6472186	0.5697587	0.08975552
3/21/2023 10:04	1.300292	0.2776535	0.09003334
3/21/2023 10:03	0.4534563	0.08738366	0.09041539
3/21/2023 10:02	0.02540503	0.03817397	0.09053862
3/21/2023 10:01	0.02515338	0.04026072	0.08935839
3/21/2023 10:00	0.02478147	0.0435426	0.0892515
3/21/2023 9:59	0.02468351	0.0475866	0.08871888
3/21/2023 9:58	0.02453408	0.05251301	0.08783323
3/21/2023 9:57	0.02611404	0.05849327	0.08745417
3/21/2023 9:56	0.2482769	0.06530421	0.08767197
3/21/2023 9:55	0.02394345	0.03625648	0.0877599

Downwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 9:54	0.0419953	0.03867552	0.08782718
3/21/2023 9:53	0.04203147	0.03558797	0.08767194
3/21/2023 9:52	0.03741688	0.03501329	0.08769128
3/21/2023 9:51	0.03438751	0.03580406	0.08720936
3/21/2023 9:50	0.02846343	0.03432756	0.08678725
3/21/2023 9:49	0.02768929	0.03560244	0.08587115
3/21/2023 9:48	0.02961978	0.03729224	0.08585697
3/21/2023 9:47	0.02911264	0.03907788	0.08501737
3/21/2023 9:46	0.03035073	0.04119803	0.0849572
3/21/2023 9:45	0.09182245	0.04191753	0.0851254
3/21/2023 9:44	0.02887596	0.03797131	0.08519575
3/21/2023 9:43	0.02929498	0.04000113	0.08538343
3/21/2023 9:42	0.03367367	0.04209408	0.08550189
3/21/2023 9:41	0.0303532	0.04347047	0.08568721
3/21/2023 9:40	0.02880708	0.04607851	0.08599456
3/21/2023 9:39	0.02866134	0.049634	0.08647379
3/21/2023 9:38	0.02985155	0.05420359	0.08679545
3/21/2023 9:37	0.03090034	0.05954235	0.08725895
3/21/2023 9:36	0.02930382	0.06600939	0.08766505
3/21/2023 9:35	0.03108751	0.07385448	0.08799191
3/21/2023 9:34	0.02978108	0.08179612	0.08801252
3/21/2023 9:33	0.04000323	0.09244835	0.08773689
3/21/2023 9:32	0.03312482	0.1050871	0.08739878
3/21/2023 9:31	0.03175402	0.1203176	0.08775201
3/21/2023 9:30	0.03076462	0.1388763	0.0877561
3/21/2023 9:29	0.05185136	0.161521	0.08813654
3/21/2023 9:28	0.08958226	0.176743	0.08802934
3/21/2023 9:27	0.2340753	0.1891673	0.08823963
3/21/2023 9:26	0.0392434	0.09608453	0.087727
3/21/2023 9:25	0.04775962	0.1044031	0.08786047
3/21/2023 9:24	0.08965579	0.1091234	0.08814818
3/21/2023 9:23	0.2242356	0.1106766	0.08825171
3/21/2023 9:22	0.1260714	0.09687488	0.08691494
3/21/2023 9:21	0.16058	0.07883569	0.08601199
3/21/2023 9:20	0.06883761	0.08021106	0.08593623
3/21/2023 9:19	0.07043359	0.0857641	0.08541067
3/21/2023 9:18	0.04050842	0.08940265	0.08433408
3/21/2023 9:17	0.05820556	0.09548472	0.08410342
3/21/2023 9:16	0.08915043	0.1019871	0.08410493
3/21/2023 9:15	0.3218869	0.08089688	0.08392981
3/21/2023 9:14	0.03517981	0.06510443	0.08347332
3/21/2023 9:13	0.09344257	0.06953916	0.08303544
3/21/2023 9:12	0.1022799	0.044978	0.08261433

Downwind CAMP Data
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Grand Union Hotel Bowling Alley Site
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 9:11	0.0372115	0.0389705	0.08196951
3/21/2023 9:10	0.03565273	0.03943378	0.08137156
3/21/2023 9:09	0.03384931	0.04025429	0.08102955
3/21/2023 9:08	0.03507813	0.04127816	0.08086915
3/21/2023 9:07	0.03563283	0.04233751	0.08036962
3/21/2023 9:06	0.05991098	0.04347243	0.07964164
3/21/2023 9:05	0.04224265	0.03833704	0.07866617
3/21/2023 9:04	0.03846949	0.03666731	0.07789908
3/21/2023 9:03	0.03807768	0.03675233	0.07775377
3/21/2023 9:02	0.03563324	0.0366763	0.07744478
3/21/2023 9:01	0.03509025	0.03675111	0.07726294
3/21/2023 9:00	0.04042556	0.03707133	0.0768908
3/21/2023 8:59	0.03458999	0.03723007	0.07610756
3/21/2023 8:58	0.03602181	0.03751465	0.07523447
3/21/2023 8:57	0.03606105	0.03761115	0.07132086
3/21/2023 8:56	0.03669693	0.03808776	0.07038503
3/21/2023 8:55	0.04629026	0.03830274	0.06971196
3/21/2023 8:54	0.0366302	0.03786683	0.06818492
3/21/2023 8:53	0.03990418	0.03803449	0.06716808
3/21/2023 8:52	0.03624769	0.03752989	0.06555781
3/21/2023 8:51	0.03827296	0.03774243	0.06469862
3/21/2023 8:50	0.03565224	0.03803584	0.06416005
3/21/2023 8:49	0.03791127	0.03847945	0.06361657
3/21/2023 8:48	0.03911726	0.03833061	0.06250297
3/21/2023 8:47	0.03814091	0.03832251	0.06105135
3/21/2023 8:46	0.03851779	0.03862276	0.06067567
3/21/2023 8:45	0.03774513	0.0385853	0.05978377
3/21/2023 8:44	0.04454947	0.03891587	0.05919944
3/21/2023 8:43	0.03703986	0.03678137	0.05797416
3/21/2023 8:42	0.03805912	0.03664997	0.05726662
3/21/2023 8:41	0.03842376	0.03665207	0.0568217
3/21/2023 8:40	0.03647602	0.0366285	0.05630407
3/21/2023 8:39	0.0351404	0.03664121	0.05594356
3/21/2023 8:38	0.03490571	0.0369179	0.05585138
3/21/2023 8:37	0.03589426	0.03717237	0.05566651
3/21/2023 8:36	0.03534419	0.03744821	0.05523988
3/21/2023 8:35	0.03567853	0.03787647	0.05512299
3/21/2023 8:34	0.03663458	0.03823319	0.05479077
3/21/2023 8:33	0.03681239	0.03824606	0.05446889
3/21/2023 8:32	0.03622353	0.03852638	0.0540951
3/21/2023 8:31	0.03520848	0.03910085	0.05394078
3/21/2023 8:30	0.03858561	0.03973161	0.05391103
3/21/2023 8:29	0.03632778	0.04011176	0.05322239

Downwind CAMP Data
March 21, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 8:28	0.04745667	0.04089646	0.05313505
3/21/2023 8:27	0.03770913	0.03943872	0.0506926
3/21/2023 8:26	0.0381769	0.03951827	0.0500017
3/21/2023 8:25	0.04818914	0.03909457	0.0491126
3/21/2023 8:24	0.03728928	0.038428	0.04830857
3/21/2023 8:23	0.04057461	0.03860335	0.0474495
3/21/2023 8:22	0.03695977	0.03843734	0.04627553
3/21/2023 8:21	0.03691648	0.03863937	0.04500809
3/21/2023 8:20	0.03821291	0.0389627	0.04429299
3/21/2023 8:19	0.04080161	0.03899943	0.04294273
3/21/2023 8:18	0.04535248	0.03874405	0.042098
3/21/2023 8:17	0.03752483	0.03749733	0.04091171
3/21/2023 8:16	0.03704908	0.03756799	0.03963759
3/21/2023 8:15	0.03685348	0.03782248	0.03855002
3/21/2023 8:14	0.03695945	0.0381293	0.03704395
3/21/2023 8:13	0.03890498	0.03836247	0.0360607
3/21/2023 8:12	0.03750765	0.0370784	0.03449707
3/21/2023 8:11	0.03660399	0.03685367	0.03310689
3/21/2023 8:10	0.03587068	0.0368847	0.03233693
3/21/2023 8:09	0.03547736	0.03721884	0.03169924
3/21/2023 8:08	0.03766531	0.03745565	0.03065469
3/21/2023 8:07	0.03737918	0.03745049	0.02859439
3/21/2023 8:06	0.04274136	0.03718011	0.02716781
3/21/2023 8:05	0.03561577	0.0368436	0.02619217
3/21/2023 8:04	0.03680338	0.03705449	0.02286758
3/21/2023 8:03	0.03518081	0.03724633	0.02191608
3/21/2023 8:02	0.03694957	0.03767676	0.02205129
3/21/2023 8:01	0.0429998	0.03788584	0.02183846
3/21/2023 8:00	0.03521748	0.03735411	0.02181728
3/21/2023 7:59	0.03820789	0.03758637	0.0220573
3/21/2023 7:58	0.0372513	0.03772953	0.02211966
3/21/2023 7:57	0.03549515	0.03789427	0.02226641
3/21/2023 7:56	0.03686735	0.03839816	0.02279576
3/21/2023 7:55	0.03650789	0.03880272	0.02321684
3/21/2023 7:54	0.03586245	0.03918784	0.02318743
3/21/2023 7:53	0.03599949	0.03969103	0.02313554
3/21/2023 7:52	0.03585745	0.04029144	0.02329058
3/21/2023 7:51	0.0364169	0.04103728	0.02360256
3/21/2023 7:50	0.03828512	0.04185601	0.02351465
3/21/2023 7:49	0.03674653	0.0427479	0.02365538
3/21/2023 7:48	0.03711156	0.04383878	0.02350483
3/21/2023 7:47	0.0408839	0.04510418	0.0229569
3/21/2023 7:46	0.04348825	0.04548198	0.02206027

Downwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/21/2023 7:45	0.03744662	0.04648172	0.02200017
3/21/2023 7:44	0.03795981	0.0482897	0.0227683
3/21/2023 7:43	0.04088291	0.05037092	0.02368814
3/21/2023 7:42	0.04035579	0.05245151	0.02454733
3/21/2023 7:41	0.0440577	0.05481949	0.02432498
3/21/2023 7:40	0.04579158	0.0572726	0.02352618
3/21/2023 7:39	0.05273578	0.05929533	0.01954963
3/21/2023 7:38	0.05566657	0.05977468	0.01547949
3/21/2023 7:37	0.04627038	0.06215707	0.01227191
3/21/2023 7:36	0.04531127	0.06507643	0.009383475
3/21/2023 7:35	0.0459197	0.06914299	0.007083679
3/21/2023 7:34	0.04663414	0.074123	0.005414261
3/21/2023 7:33	0.04455313	0.08012223	0.00271305
3/21/2023 7:32	0.03899999	0.03899999	0.002561316
3/21/2023 7:31	-0.001	-0.001	0.002688404
3/21/2023 7:30	-0.001	-0.001	0.002842784
3/21/2023 7:29	0.03633372	0.0330986	0.000965034

Upwind CAMP Data
March 22, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/22/2023 14:59	0.01502985	0.01592706	0.1674192
3/22/2023 14:58	0.01531037	0.01605912	0.166169
3/22/2023 14:57	0.01406518	0.01634643	0.1660097
3/22/2023 14:56	0.01311024	0.01688033	0.1660001
3/22/2023 14:55	0.01458128	0.01754136	0.1661418
3/22/2023 14:54	0.01506193	0.01820512	0.1660278
3/22/2023 14:53	0.01626649	0.01881948	0.1663553
3/22/2023 14:52	0.0270369	0.01915846	0.1667924
3/22/2023 14:51	0.01708819	0.01714036	0.1662439
3/22/2023 14:50	0.01645139	0.01733769	0.1663795
3/22/2023 14:49	0.01673713	0.01753766	0.1665866
3/22/2023 14:48	0.01686112	0.01769664	0.1668636
3/22/2023 14:47	0.01871658	0.01794438	0.1665458
3/22/2023 14:46	0.01615206	0.0178807	0.1666138
3/22/2023 14:45	0.01870696	0.01812408	0.1666384
3/22/2023 14:44	0.01836497	0.01785176	0.1667217
3/22/2023 14:43	0.01785977	0.0177483	0.1667161
3/22/2023 14:42	0.01704446	0.01778173	0.1660995
3/22/2023 14:41	0.01770392	0.01788441	0.1660783
3/22/2023 14:40	0.01823404	0.01796695	0.1657906
3/22/2023 14:39	0.01714169	0.01796581	0.1658941
3/22/2023 14:38	0.01722495	0.01812019	0.1660871
3/22/2023 14:37	0.01783732	0.0182253	0.1662786
3/22/2023 14:36	0.01813056	0.01832422	0.1664101
3/22/2023 14:35	0.01685367	0.01832563	0.1667228
3/22/2023 14:34	0.01788147	0.01860439	0.1669865
3/22/2023 14:33	0.01889589	0.01873712	0.1670294
3/22/2023 14:32	0.0186002	0.01869708	0.1670834
3/22/2023 14:31	0.01829699	0.01860054	0.1672466
3/22/2023 14:30	0.01786949	0.01855915	0.1675156
3/22/2023 14:29	0.01746558	0.01867681	0.1678793
3/22/2023 14:28	0.0181353	0.01883038	0.1681376
3/22/2023 14:27	0.01930959	0.01892742	0.168382
3/22/2023 14:26	0.01854206	0.01893774	0.1687147
3/22/2023 14:25	0.01905299	0.01901831	0.1689689
3/22/2023 14:24	0.01836311	0.01902886	0.1692343
3/22/2023 14:23	0.01946548	0.01924995	0.1694286
3/22/2023 14:22	0.01812792	0.01920169	0.1685115
3/22/2023 14:21	0.01936324	0.01939596	0.168007
3/22/2023 14:20	0.01959777	0.01944448	0.1679766
3/22/2023 14:19	0.01811201	0.01925298	0.1682112
3/22/2023 14:18	0.01899919	0.01929537	0.1684396
3/22/2023 14:17	0.01874444	0.01919275	0.1684807

Upwind CAMP Data
March 22, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/22/2023 14:16	0.0179902	0.01937426	0.1683474
3/22/2023 14:15	0.01896747	0.01956032	0.1687118
3/22/2023 14:14	0.01840961	0.01980939	0.1690264
3/22/2023 14:13	0.01888172	0.02009493	0.1685888
3/22/2023 14:12	0.01977239	0.02017217	0.1674671
3/22/2023 14:11	0.02025928	0.02019468	0.1676498
3/22/2023 14:10	0.01988669	0.02030183	0.1681734
3/22/2023 14:09	0.0212588	0.02041818	0.1686852
3/22/2023 14:08	0.01790139	0.02060973	0.1692333
3/22/2023 14:07	0.02037438	0.02091325	0.1696495
3/22/2023 14:06	0.01917287	0.02114466	0.1702993
3/22/2023 14:05	0.02004398	0.02138959	0.1710688
3/22/2023 14:04	0.02145248	0.02153151	0.1718165
3/22/2023 14:03	0.02108379	0.02159853	0.1726864
3/22/2023 14:02	0.02243819	0.02163536	0.1736329
3/22/2023 14:01	0.02118408	0.02168399	0.1745339
3/22/2023 14:00	0.02061195	0.02170798	0.1755081
3/22/2023 13:59	0.02092019	0.02195456	0.1763558
3/22/2023 13:58	0.02103093	0.02226878	0.1763276
3/22/2023 13:57	0.02174139	0.02237977	0.1768081
3/22/2023 13:56	0.02135023	0.02244745	0.17663
3/22/2023 13:55	0.02239916	0.02265974	0.1747012
3/22/2023 13:54	0.0220265	0.02273807	0.1720398
3/22/2023 13:53	0.0224997	0.02280934	0.1710236
3/22/2023 13:52	0.02251921	0.02290677	0.1709319
3/22/2023 13:51	0.02199256	0.02303132	0.1698866
3/22/2023 13:50	0.02192599	0.02329206	0.1686293
3/22/2023 13:49	0.0220078	0.02354025	0.1692354
3/22/2023 13:48	0.02397163	0.02370473	0.1697801
3/22/2023 13:47	0.0225382	0.0237357	0.170267
3/22/2023 13:46	0.02357682	0.02382473	0.1707617
3/22/2023 13:45	0.02408181	0.023933	0.1711119
3/22/2023 13:44	0.02420337	0.02384596	0.1716216
3/22/2023 13:43	0.02523175	0.02362499	0.1722035
3/22/2023 13:42	0.02395219	0.02360883	0.1728299
3/22/2023 13:41	0.02437979	0.02346021	0.1735456
3/22/2023 13:40	0.0233975	0.02351693	0.1742703
3/22/2023 13:39	0.02276218	0.02373074	0.1749612
3/22/2023 13:38	0.02244519	0.02393792	0.1757413
3/22/2023 13:37	0.02217622	0.02423728	0.1765
3/22/2023 13:36	0.02286193	0.02458782	0.1773998
3/22/2023 13:35	0.02437019	0.02490686	0.1782107
3/22/2023 13:34	0.02507159	0.02486387	0.1788619

Upwind CAMP Data
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/22/2023 13:33	0.02510745	0.02475302	0.1797317
3/22/2023 13:32	0.02578767	0.0247268	0.1805307
3/22/2023 13:31	0.02314479	0.02459829	0.1806684
3/22/2023 13:30	0.02385602	0.02476109	0.1805582
3/22/2023 13:29	0.02365009	0.02491593	0.1815189
3/22/2023 13:28	0.02342782	0.02524748	0.1824423
3/22/2023 13:27	0.02379953	0.02564126	0.1825009
3/22/2023 13:26	0.02437667	0.02584571	0.1804255
3/22/2023 13:25	0.02451202	0.02622553	0.1792012
3/22/2023 13:24	0.02418601	0.02660898	0.1795356
3/22/2023 13:23	0.03213315	0.02705761	0.1784485
3/22/2023 13:22	0.022238	0.02722795	0.1762236
3/22/2023 13:21	0.02257851	0.02818708	0.1754697
3/22/2023 13:20	0.03211254	0.02909452	0.1749779
3/22/2023 13:19	0.02264143	0.02984468	0.1750546
3/22/2023 13:18	0.02863645	0.02851152	0.1747934
3/22/2023 13:17	0.02263603	0.02937655	0.1749989
3/22/2023 13:16	0.02338821	0.03077429	0.1756122
3/22/2023 13:15	0.03416245	0.03211503	0.1762064
3/22/2023 13:14	0.02424791	0.02764327	0.1759411
3/22/2023 13:13	0.02904326	0.02837172	0.1763976
3/22/2023 13:12	0.02634772	0.02737676	0.1761563
3/22/2023 13:11	0.02406362	0.02752293	0.1747665
3/22/2023 13:10	0.02667333	0.02807121	0.1742758
3/22/2023 13:09	0.02611847	0.0276248	0.1735637
3/22/2023 13:08	0.02711371	0.02794433	0.1737724
3/22/2023 13:07	0.02908625	0.02807602	0.1740338
3/22/2023 13:06	0.02829489	0.02807957	0.1742792
3/22/2023 13:05	0.02751748	0.02691701	0.1746025
3/22/2023 13:04	0.02704839	0.02685509	0.1748987
3/22/2023 13:03	0.02597447	0.02697873	0.1752198
3/22/2023 13:02	0.02633679	0.02708539	0.1752024
3/22/2023 13:01	0.0264487	0.02654353	0.1737776
3/22/2023 13:00	0.02598922	0.02658738	0.1734171
3/22/2023 12:59	0.02605821	0.02643471	0.1736881
3/22/2023 12:58	0.0271975	0.02642627	0.1736987
3/22/2023 12:57	0.02601105	0.02643558	0.1735105
3/22/2023 12:56	0.02519999	0.02655656	0.173715
3/22/2023 12:55	0.02790276	0.02677233	0.1740164
3/22/2023 12:54	0.02675992	0.02662162	0.1741562
3/22/2023 12:53	0.02608061	0.02650003	0.1743312
3/22/2023 12:52	0.02532811	0.02669599	0.1746614
3/22/2023 12:51	0.02649581	0.02679833	0.1750279

Upwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/22/2023 12:50	0.02756999	0.02694073	0.1751997
3/22/2023 12:49	0.02544857	0.02706228	0.1750322
3/22/2023 12:48	0.02723937	0.02726286	0.1756257
3/22/2023 12:47	0.026242	0.02732553	0.1761623
3/22/2023 12:46	0.02777986	0.02721535	0.1759574
3/22/2023 12:45	0.03176433	0.02735354	0.1758569
3/22/2023 12:44	0.02515955	0.02691539	0.175387
3/22/2023 12:43	0.02589871	0.0272704	0.174796
3/22/2023 12:42	0.02675766	0.02734248	0.1737901
3/22/2023 12:41	0.02575708	0.02768879	0.1736334
3/22/2023 12:40	0.02915923	0.02791373	0.1736241
3/22/2023 12:39	0.02513282	0.02743936	0.1727288
3/22/2023 12:38	0.02706135	0.02776979	0.1726553
3/22/2023 12:37	0.02759005	0.02787113	0.1726382
3/22/2023 12:36	0.03044191	0.02796378	0.1727884
3/22/2023 12:35	0.03252982	0.02729182	0.172888
3/22/2023 12:34	0.02756461	0.02688058	0.1730812
3/22/2023 12:33	0.02823893	0.02682084	0.1733575
3/22/2023 12:32	0.02746813	0.02670947	0.1736065
3/22/2023 12:31	0.02588682	0.02671071	0.1737754
3/22/2023 12:30	0.02702587	0.02649855	0.1736243
3/22/2023 12:29	0.02526724	0.02639649	0.1730167
3/22/2023 12:28	0.02429819	0.02681844	0.1729141
3/22/2023 12:27	0.02479678	0.02728484	0.1725004
3/22/2023 12:26	0.02715178	0.02764938	0.1717559
3/22/2023 12:25	0.02643765	0.02773952	0.1712538
3/22/2023 12:24	0.02641511	0.02810166	0.1714995
3/22/2023 12:23	0.03907194	0.02856068	0.1720797
3/22/2023 12:22	0.03301735	0.02726516	0.1721407
3/22/2023 12:21	0.02443769	0.02620447	0.1722355
3/22/2023 12:20	0.02687924	0.02643741	0.1726532
3/22/2023 12:19	0.0250189	0.02642936	0.1729742
3/22/2023 12:18	0.02522519	0.02676749	0.1734261
3/22/2023 12:17	0.02482069	0.02705543	0.1742389
3/22/2023 12:16	0.02777161	0.02724393	0.1748502
3/22/2023 12:15	0.02733298	0.02698384	0.1748265
3/22/2023 12:14	0.03060768	0.02653698	0.1750075
3/22/2023 12:13	0.02600084	0.02639929	0.1753548
3/22/2023 12:12	0.02498974	0.02656733	0.1755806
3/22/2023 12:11	0.02495664	0.02680314	0.1761052
3/22/2023 12:10	0.02667463	0.02719602	0.1768624
3/22/2023 12:09	0.02724071	0.02739977	0.1776154
3/22/2023 12:08	0.0282269	0.02742212	0.1782086

Upwind CAMP Data
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Grand Union Hotel Bowling Alley Site
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/22/2023 12:07	0.02511875	0.02769759	0.1789622
3/22/2023 12:06	0.02570429	0.0282837	0.1799212
3/22/2023 12:05	0.03682117	0.0280469	0.1807537
3/22/2023 12:04	0.03013467	0.02694497	0.1809312
3/22/2023 12:03	0.02494981	0.0266614	0.1815989
3/22/2023 12:02	0.02614916	0.02710009	0.1820618
3/22/2023 12:01	0.02579711	0.02693158	0.182513
3/22/2023 12:00	0.02570038	0.0271782	0.183329
3/22/2023 11:59	0.0280983	0.02742291	0.1842152
3/22/2023 11:58	0.02663019	0.0270964	0.1849708
3/22/2023 11:57	0.0271788	0.0265306	0.1853631
3/22/2023 11:56	0.02752596	0.02666502	0.185174
3/22/2023 11:55	0.02470464	0.02635136	0.1850876
3/22/2023 11:54	0.02493365	0.02668406	0.1852374
3/22/2023 11:53	0.02677287	0.02695205	0.1857152
3/22/2023 11:52	0.0258949	0.02703523	0.1863137
3/22/2023 11:51	0.02507626	0.02724881	0.1866829
3/22/2023 11:50	0.02819473	0.02762389	0.1857581
3/22/2023 11:49	0.02568492	0.02783659	0.1856679
3/22/2023 11:48	0.02525465	0.02836792	0.186064
3/22/2023 11:47	0.02808647	0.02892553	0.1868622
3/22/2023 11:46	0.0290636	0.02907755	0.1878292
3/22/2023 11:45	0.05145351	0.02901456	0.1888026
3/22/2023 11:44	0.03007746	0.02754395	0.189643
3/22/2023 11:43	0.02759935	0.02719437	0.1907442
3/22/2023 11:42	0.02679688	0.02684338	0.1918201
3/22/2023 11:41	0.02774266	0.02677519	0.1927221
3/22/2023 11:40	0.02742524	0.02662176	0.1935447
3/22/2023 11:39	0.02693832	0.02656465	0.1945432
3/22/2023 11:38	0.02715549	0.0265656	0.1953865
3/22/2023 11:37	0.02614762	0.02626377	0.1951341
3/22/2023 11:36	0.02733045	0.02639924	0.196218
3/22/2023 11:35	0.02634906	0.02603305	0.1971245
3/22/2023 11:34	0.0270279	0.02587633	0.1979428
3/22/2023 11:33	0.02782996	0.02560031	0.1993023
3/22/2023 11:32	0.02621107	0.02533889	0.2007969
3/22/2023 11:31	0.02536416	0.02514437	0.201971
3/22/2023 11:30	0.02484368	0.02516754	0.2028264
3/22/2023 11:29	0.02506842	0.02517823	0.2027392
3/22/2023 11:28	0.02523123	0.02505516	0.2029856
3/22/2023 11:27	0.02491245	0.02499127	0.2031573
3/22/2023 11:26	0.02537798	0.02475294	0.2026836
3/22/2023 11:25	0.02300715	0.02477962	0.203073

Upwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/22/2023 11:24	0.02335912	0.02515972	0.2040306
3/22/2023 11:23	0.0251132	0.02546511	0.2045247
3/22/2023 11:22	0.02444269	0.02562087	0.2025988
3/22/2023 11:21	0.02438935	0.02592611	0.2021141
3/22/2023 11:20	0.02509254	0.02606832	0.2032836
3/22/2023 11:19	0.02779438	0.02604542	0.203896
3/22/2023 11:18	0.02385588	0.02517968	0.2043644
3/22/2023 11:17	0.02508737	0.02538206	0.2048073
3/22/2023 11:16	0.02509004	0.02561468	0.2052869
3/22/2023 11:15	0.02441292	0.02572646	0.2055945
3/22/2023 11:14	0.02608166	0.02585914	0.2064139
3/22/2023 11:13	0.02468451	0.02592557	0.2066735
3/22/2023 11:12	0.03249299	0.02609568	0.2070804
3/22/2023 11:11	0.02485196	0.02569996	0.2069149
3/22/2023 11:10	0.02452313	0.02590811	0.207641
3/22/2023 11:09	0.02578989	0.02613097	0.2087036
3/22/2023 11:08	0.02512218	0.02628362	0.2092047
3/22/2023 11:07	0.02497204	0.02643333	0.2102237
3/22/2023 11:06	0.02609874	0.02680599	0.2113552
3/22/2023 11:05	0.02598019	0.02675298	0.2125583
3/22/2023 11:04	0.02598546	0.02694642	0.2137549
3/22/2023 11:03	0.02704422	0.02707722	0.2148954
3/22/2023 11:02	0.02691882	0.02709555	0.2159436
3/22/2023 11:01	0.02618035	0.0271659	0.2170068
3/22/2023 11:00	0.02652727	0.02742617	0.2182172
3/22/2023 10:59	0.02608027	0.02762349	0.2188399
3/22/2023 10:58	0.0261963	0.02804797	0.2191888
3/22/2023 10:57	0.04041469	0.02829602	0.2193895
3/22/2023 10:27	0.02517303	0.02622599	0.1912049
3/22/2023 10:26	0.02598859	0.02623434	0.1905204
3/22/2023 10:25	0.02470266	0.02638194	0.1901028
3/22/2023 10:24	0.02455965	0.0266984	0.1900307
3/22/2023 10:23	0.02563771	0.02699652	0.1898903
3/22/2023 10:22	0.02480379	0.02735505	0.189897
3/22/2023 10:21	0.02516618	0.02783047	0.1898012
3/22/2023 10:20	0.02621914	0.02837535	0.1893288
3/22/2023 10:19	0.0321527	0.02848029	0.18763
3/22/2023 10:18	0.03328884	0.02748418	0.1833473
3/22/2023 10:17	0.0266436	0.02708512	0.1810934
3/22/2023 10:16	0.02602605	0.02736625	0.1805468
3/22/2023 10:15	0.02578219	0.02768517	0.180007
3/22/2023 10:14	0.02534105	0.0281288	0.179362
3/22/2023 10:13	0.02692034	0.028624	0.1782729

Upwind CAMP Data
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/22/2023 10:12	0.02965846	0.02861696	0.177734
3/22/2023 10:11	0.02844072	0.02861917	0.177417
3/22/2023 10:10	0.02843034	0.02866654	0.1770954
3/22/2023 10:09	0.02837864	0.02876322	0.1765733
3/22/2023 10:08	0.0302671	0.02870217	0.1756054
3/22/2023 10:07	0.03096369	0.0282739	0.172994
3/22/2023 10:06	0.0306049	0.02769303	0.1714711
3/22/2023 10:05	0.0308428	0.02718769	0.17063
3/22/2023 10:04	0.03016717	0.02640861	0.1697763
3/22/2023 10:03	0.02835988	0.02569294	0.1687988
3/22/2023 10:02	0.02694146	0.02533398	0.1679922
3/22/2023 10:01	0.02641511	0.02501773	0.1674042
3/22/2023 10:00	0.02514018	0.0246893	0.1667194
3/22/2023 9:59	0.02500017	0.02459663	0.166117
3/22/2023 9:58	0.02509365	0.02451067	0.1654991
3/22/2023 9:57	0.02594233	0.02425994	0.164742
3/22/2023 9:56	0.02500048	0.0240995	0.1640319
3/22/2023 9:55	0.02509002	0.02386098	0.1633959
3/22/2023 9:54	0.02354629	0.02379127	0.1629118
3/22/2023 9:53	0.02393452	0.02383695	0.1625554
3/22/2023 9:52	0.02401601	0.02377207	0.1621085
3/22/2023 9:51	0.02322977	0.02385864	0.161588
3/22/2023 9:50	0.02532862	0.02396773	0.1609894
3/22/2023 9:49	0.02334577	0.0236863	0.1602532
3/22/2023 9:48	0.0231694	0.02370454	0.1596825
3/22/2023 9:47	0.02403756	0.02379263	0.1591235
3/22/2023 9:46	0.02418554	0.02371891	0.1585767
3/22/2023 9:45	0.02462017	0.02357083	0.1580679
3/22/2023 9:44	0.02370493	0.02343028	0.1575949
3/22/2023 9:43	0.02326103	0.02339078	0.1570931
3/22/2023 9:42	0.02456432	0.0232786	0.1565956
3/22/2023 9:41	0.02400232	0.02306255	0.1560419
3/22/2023 9:40	0.02376204	0.02297273	0.1554675
3/22/2023 9:39	0.02388605	0.02271291	0.1548055
3/22/2023 9:38	0.02234785	0.02255154	0.1543517
3/22/2023 9:37	0.02297793	0.02253183	0.1538547
3/22/2023 9:36	0.02239865	0.02248771	0.1533577
3/22/2023 9:35	0.02327882	0.02236728	0.1527379
3/22/2023 9:34	0.02225202	0.02232864	0.1522002
3/22/2023 9:33	0.02187018	0.02238951	0.1515938
3/22/2023 9:32	0.02341045	0.02241808	0.1510504
3/22/2023 9:31	0.02379172	0.02224259	0.1504543
3/22/2023 9:30	0.02265754	0.022011	0.1497751

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Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/22/2023 9:29	0.02187377	0.02196207	0.1490304
3/22/2023 9:28	0.02234795	0.02197222	0.148419
3/22/2023 9:27	0.02193368	0.02193301	0.1476837
3/22/2023 9:26	0.0213902	0.02187692	0.1469797
3/22/2023 9:25	0.02093631	0.02202905	0.1463622
3/22/2023 9:24	0.02101329	0.02229861	0.145963
3/22/2023 9:23	0.02195629	0.02253822	0.1455475
3/22/2023 9:22	0.02253308	0.02259599	0.145036
3/22/2023 9:21	0.02288083	0.02258839	0.1445349

Downwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 15:05	0.02903446	0.02934463	0.05389602
3/22/2023 15:04	0.02787947	0.02931114	0.05288677
3/22/2023 15:03	0.02840041	0.02968941	0.05285387
3/22/2023 15:02	0.03190959	0.02978722	0.0530698
3/22/2023 15:01	0.03161277	0.02955222	0.05319119
3/22/2023 15:00	0.02957827	0.02925107	0.05254267
3/22/2023 14:59	0.02829553	0.02929351	0.05243415
3/22/2023 14:58	0.02874488	0.02940319	0.05241597
3/22/2023 14:57	0.02754703	0.02964625	0.05233067
3/22/2023 14:56	0.02656434	0.03006892	0.05248901
3/22/2023 14:55	0.03139487	0.03047614	0.05270452
3/22/2023 14:54	0.02915591	0.03040238	0.05282843
3/22/2023 14:53	0.02933053	0.03060206	0.05292454
3/22/2023 14:52	0.02957604	0.03089697	0.05308753
3/22/2023 14:51	0.03160554	0.03093848	0.05304946
3/22/2023 14:50	0.03238644	0.03092214	0.05235356
3/22/2023 14:49	0.03218862	0.03084837	0.05242971
3/22/2023 14:48	0.03064879	0.0306341	0.05203564
3/22/2023 14:47	0.03029696	0.03076131	0.05168662
3/22/2023 14:46	0.02909101	0.03094857	0.05142568
3/22/2023 14:45	0.03054025	0.03125985	0.05162177
3/22/2023 14:44	0.0319165	0.03106778	0.05160548
3/22/2023 14:43	0.03225517	0.03106808	0.05143181
3/22/2023 14:42	0.03016911	0.03111686	0.0515553
3/22/2023 14:41	0.03312138	0.03116053	0.05188867
3/22/2023 14:40	0.03465675	0.0305295	0.05223563
3/22/2023 14:39	0.02934738	0.03038077	0.05249218
3/22/2023 14:38	0.03090288	0.0305435	0.05297421
3/22/2023 14:37	0.02919793	0.03063613	0.05340077
3/22/2023 14:36	0.0316193	0.03079636	0.05387221
3/22/2023 14:35	0.02914574	0.03072457	0.05410356
3/22/2023 14:34	0.02954367	0.03103395	0.05443123
3/22/2023 14:33	0.03029401	0.03130093	0.05487126
3/22/2023 14:32	0.03105889	0.03160155	0.05523639
3/22/2023 14:31	0.03042482	0.03158892	0.05556656
3/22/2023 14:30	0.03107701	0.03168483	0.0559358
3/22/2023 14:29	0.03259566	0.03179052	0.05636497
3/22/2023 14:28	0.03100708	0.03170885	0.05679501
3/22/2023 14:27	0.03106366	0.03185684	0.05706643
3/22/2023 14:26	0.03199991	0.03202176	0.05752634
3/22/2023 14:25	0.03114457	0.03214619	0.05809692
3/22/2023 14:24	0.03125139	0.03232803	0.05867738
3/22/2023 14:23	0.03426477	0.03248851	0.05908201

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Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 14:22	0.03374295	0.03245653	0.05673912
3/22/2023 14:21	0.03103961	0.03233241	0.05698296
3/22/2023 14:20	0.03351229	0.03263531	0.05750574
3/22/2023 14:19	0.03171881	0.03252769	0.05791115
3/22/2023 14:18	0.0333235	0.03248985	0.05829097
3/22/2023 14:17	0.03313963	0.0324185	0.05880348
3/22/2023 14:16	0.03194918	0.03239588	0.05926522
3/22/2023 14:15	0.03232974	0.03240746	0.05968606
3/22/2023 14:14	0.03083705	0.03254533	0.0601338
3/22/2023 14:13	0.0313088	0.032789	0.06081869
3/22/2023 14:12	0.03195914	0.03293932	0.06140188
3/22/2023 14:11	0.03171321	0.03323848	0.06204474
3/22/2023 14:10	0.03176311	0.03344373	0.06266885
3/22/2023 14:09	0.03229376	0.0336995	0.06323626
3/22/2023 14:08	0.03300227	0.03390184	0.06350387
3/22/2023 14:07	0.03247089	0.03405474	0.06387914
3/22/2023 14:06	0.03421958	0.03410303	0.06424529
3/22/2023 14:05	0.03296233	0.0341972	0.06458566
3/22/2023 14:04	0.03340358	0.03421826	0.06480695
3/22/2023 14:03	0.03383395	0.03429621	0.06492708
3/22/2023 14:02	0.03437988	0.03418677	0.06511781
3/22/2023 14:01	0.03317297	0.03426879	0.06531319
3/22/2023 14:00	0.03304828	0.0343306	0.0656891
3/22/2023 13:59	0.03288515	0.03451887	0.06599217
3/22/2023 13:58	0.03416716	0.03476797	0.06618135
3/22/2023 13:57	0.03392945	0.03487603	0.06623001
3/22/2023 13:56	0.03412604	0.03517367	0.06590937
3/22/2023 13:55	0.03529774	0.03526062	0.06512325
3/22/2023 13:54	0.03452072	0.03516912	0.06540021
3/22/2023 13:53	0.03366027	0.03547115	0.06562516
3/22/2023 13:52	0.03498848	0.03578505	0.06535535
3/22/2023 13:51	0.03473988	0.03588231	0.06566896
3/22/2023 13:50	0.03514061	0.03611092	0.06540711
3/22/2023 13:49	0.03557783	0.03619068	0.06548494
3/22/2023 13:48	0.03536969	0.03623969	0.06562874
3/22/2023 13:47	0.0366181	0.03641542	0.06577324
3/22/2023 13:46	0.03656036	0.036442	0.06553666
3/22/2023 13:45	0.0372085	0.03643898	0.06553687
3/22/2023 13:44	0.03626898	0.03623306	0.06556591
3/22/2023 13:43	0.03638614	0.03616763	0.06553726
3/22/2023 13:42	0.03597786	0.03615089	0.06557517
3/22/2023 13:41	0.03577692	0.03616743	0.06568977
3/22/2023 13:40	0.03507118	0.03631808	0.0658648

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Grand Union Hotel Bowling Alley Site
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Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 13:39	0.03691931	0.03657547	0.06608905
3/22/2023 13:38	0.03859375	0.03664387	0.0662954
3/22/2023 13:37	0.03713685	0.0366017	0.06654546
3/22/2023 13:36	0.03540355	0.03640509	0.06686634
3/22/2023 13:35	0.03611912	0.03647128	0.06701605
3/22/2023 13:34	0.03625008	0.03637951	0.06724966
3/22/2023 13:33	0.03630388	0.03630858	0.06744118
3/22/2023 13:32	0.03713484	0.03633473	0.06757351
3/22/2023 13:31	0.03639355	0.03609839	0.06764232
3/22/2023 13:30	0.03492929	0.03599346	0.06780917
3/22/2023 13:29	0.03583527	0.03609216	0.0680351
3/22/2023 13:28	0.03418573	0.03605543	0.06823092
3/22/2023 13:27	0.03598519	0.03628615	0.06851051
3/22/2023 13:26	0.035722	0.036388	0.06889232
3/22/2023 13:25	0.03527213	0.03659801	0.06938367
3/22/2023 13:24	0.03798427	0.03661275	0.06960411
3/22/2023 13:23	0.03777571	0.03643779	0.06995048
3/22/2023 13:22	0.03645815	0.03636593	0.07038128
3/22/2023 13:21	0.03606072	0.0363305	0.07084649
3/22/2023 13:20	0.03547965	0.03649224	0.07147761
3/22/2023 13:19	0.03497377	0.03679662	0.07214199
3/22/2023 13:18	0.03485198	0.03705046	0.07291766
3/22/2023 13:17	0.03644918	0.03745628	0.07377025
3/22/2023 13:16	0.03656586	0.0374843	0.07401043
3/22/2023 13:15	0.03988033	0.03767604	0.07413036
3/22/2023 13:14	0.03695582	0.03774874	0.07486479
3/22/2023 13:13	0.03907369	0.03793737	0.0757293
3/22/2023 13:12	0.03685443	0.03795082	0.07621631
3/22/2023 13:11	0.03784029	0.03814955	0.07701077
3/22/2023 13:10	0.03840786	0.03812417	0.07711126
3/22/2023 13:09	0.03892126	0.03803885	0.07779935
3/22/2023 13:08	0.03819807	0.03800341	0.07846177
3/22/2023 13:07	0.03676088	0.0379926	0.07913241
3/22/2023 13:06	0.0374835	0.03817798	0.0797929
3/22/2023 13:05	0.03781823	0.03831521	0.08040351
3/22/2023 13:04	0.03795097	0.03840177	0.08026513
3/22/2023 13:03	0.03724622	0.03848593	0.08065841
3/22/2023 13:02	0.03837879	0.03863659	0.08062442
3/22/2023 13:01	0.03808659	0.0386015	0.08092706
3/22/2023 13:00	0.0398618	0.03864153	0.08111654
3/22/2023 12:59	0.03792539	0.03824892	0.08118249
3/22/2023 12:58	0.03760937	0.03837753	0.08117069
3/22/2023 12:57	0.0403705	0.03828398	0.0812083

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Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 12:56	0.03789525	0.03827232	0.08060719
3/22/2023 12:55	0.03748758	0.03835651	0.08066241
3/22/2023 12:54	0.03898959	0.03842056	0.08080165
3/22/2023 12:53	0.03808543	0.03838918	0.08085771
3/22/2023 12:52	0.03791398	0.03856265	0.08111198
3/22/2023 12:51	0.03932967	0.0384485	0.08107433
3/22/2023 12:50	0.0397087	0.03846922	0.08103065
3/22/2023 12:49	0.03634315	0.03841948	0.08057073
3/22/2023 12:48	0.03715895	0.03865082	0.08052257
3/22/2023 12:47	0.03775847	0.03893251	0.08087389
3/22/2023 12:46	0.04025017	0.03892887	0.081139
3/22/2023 12:45	0.0404021	0.03870572	0.08127069
3/22/2023 12:44	0.03934067	0.03839183	0.08145627
3/22/2023 12:43	0.03720032	0.03839051	0.08148231
3/22/2023 12:42	0.03863531	0.03864626	0.08196753
3/22/2023 12:41	0.03990304	0.03846999	0.0823555
3/22/2023 12:40	0.04023633	0.03839585	0.08294581
3/22/2023 12:39	0.0385076	0.03806936	0.08338417
3/22/2023 12:38	0.039208	0.03807205	0.08401141
3/22/2023 12:37	0.036158	0.03805871	0.08461632
3/22/2023 12:36	0.0369703	0.03831831	0.08524401
3/22/2023 12:35	0.04017447	0.03862628	0.08584334
3/22/2023 12:34	0.0365271	0.03750832	0.08626333
3/22/2023 12:33	0.03673045	0.03768984	0.0867006
3/22/2023 12:32	0.03761423	0.03781543	0.0872083
3/22/2023 12:31	0.03722584	0.03757434	0.08710784
3/22/2023 12:30	0.03753693	0.03771878	0.0875136
3/22/2023 12:29	0.03693476	0.03780353	0.08783324
3/22/2023 12:28	0.03689175	0.03794092	0.08762534
3/22/2023 12:27	0.03767755	0.03803463	0.08751278
3/22/2023 12:26	0.03817953	0.03810534	0.08735509
3/22/2023 12:25	0.03666411	0.03806987	0.08677825
3/22/2023 12:24	0.03715356	0.03827912	0.08710484
3/22/2023 12:23	0.0365796	0.0383982	0.08726358
3/22/2023 12:22	0.03664641	0.03871712	0.08765823
3/22/2023 12:21	0.06103308	0.03823086	0.08788376
3/22/2023 12:20	0.03890064	0.03715878	0.08691424
3/22/2023 12:19	0.03736373	0.03668716	0.08661383
3/22/2023 12:18	0.03695262	0.03666979	0.08647859
3/22/2023 12:17	0.03937713	0.03619928	0.0865545
3/22/2023 12:16	0.03566984	0.0357163	0.08632198
3/22/2023 12:15	0.03699999	0.03577907	0.08648148
3/22/2023 12:14	0.03648013	0.03572875	0.08644517

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Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 12:13	0.03468833	0.03565745	0.0864463
3/22/2023 12:12	0.03629551	0.03570688	0.08656602
3/22/2023 12:11	0.0351612	0.03583712	0.0866811
3/22/2023 12:10	0.03469908	0.03595319	0.08678804
3/22/2023 12:09	0.03500527	0.03615553	0.0869927
3/22/2023 12:08	0.03697174	0.03641527	0.08724733
3/22/2023 12:07	0.03615132	0.03648615	0.08738109
3/22/2023 12:06	0.03600752	0.0366464	0.08767989
3/22/2023 12:05	0.03548374	0.03694883	0.08772127
3/22/2023 12:04	0.03489851	0.0373343	0.08775647
3/22/2023 12:03	0.03786604	0.03760353	0.08788684
3/22/2023 12:02	0.03942088	0.03742753	0.08787712
3/22/2023 12:01	0.03698526	0.03670434	0.08729024
3/22/2023 12:00	0.03575122	0.03607592	0.08737917
3/22/2023 11:59	0.03606562	0.03620759	0.08762617
3/22/2023 11:58	0.03604747	0.03609016	0.0879461
3/22/2023 11:57	0.03689057	0.03604082	0.08838309
3/22/2023 11:56	0.03533043	0.03613515	0.08874799
3/22/2023 11:55	0.03731246	0.03610294	0.088954
3/22/2023 11:54	0.03503951	0.03600806	0.08924295
3/22/2023 11:53	0.03577972	0.03614598	0.08944379
3/22/2023 11:52	0.03543116	0.03623687	0.08978401
3/22/2023 11:51	0.03702601	0.03638995	0.0894433
3/22/2023 11:50	0.03610055	0.03646892	0.08973338
3/22/2023 11:49	0.03708746	0.036441	0.08998492
3/22/2023 11:48	0.03830744	0.0360164	0.09034836
3/22/2023 11:47	0.03625273	0.03585215	0.09100434
3/22/2023 11:46	0.03640673	0.03584081	0.09160772
3/22/2023 11:45	0.03616026	0.03574992	0.09215777
3/22/2023 11:44	0.03692356	0.03564173	0.09283647
3/22/2023 11:43	0.03537507	0.03526207	0.09307514
3/22/2023 11:42	0.0346294	0.03527074	0.0938831
3/22/2023 11:41	0.03561123	0.03527162	0.0946708
3/22/2023 11:40	0.03495208	0.03529828	0.09538572
3/22/2023 11:39	0.03430725	0.03538602	0.09614916
3/22/2023 11:38	0.03737911	0.03547059	0.09694779
3/22/2023 11:37	0.03587817	0.03528723	0.09709768
3/22/2023 11:36	0.03462967	0.03533021	0.09782468
3/22/2023 11:35	0.03554416	0.0353697	0.09849814
3/22/2023 11:34	0.03614472	0.03531521	0.09928508
3/22/2023 11:33	0.03592052	0.03491934	0.1000835
3/22/2023 11:32	0.03543279	0.03489203	0.1008788
3/22/2023 11:31	0.03895091	0.03480713	0.1010946

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Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 11:30	0.03420033	0.03453185	0.1014061
3/22/2023 11:29	0.03386678	0.03456929	0.1020742
3/22/2023 11:28	0.03634757	0.03448189	0.1027862
3/22/2023 11:27	0.03548942	0.03414671	0.1030976
3/22/2023 11:26	0.03629212	0.03390766	0.1037239
3/22/2023 11:25	0.03413311	0.03366583	0.104086
3/22/2023 11:24	0.03367798	0.0337296	0.1047169
3/22/2023 11:23	0.03222995	0.03384371	0.1053824
3/22/2023 11:22	0.03239948	0.03413764	0.1053612
3/22/2023 11:21	0.03335365	0.0344266	0.1050616
3/22/2023 11:20	0.03403224	0.03457792	0.1051753
3/22/2023 11:19	0.03493601	0.03468522	0.1052595
3/22/2023 11:18	0.03539833	0.03457127	0.1053223
3/22/2023 11:17	0.0335331	0.03448576	0.1053742
3/22/2023 11:16	0.03339137	0.03473493	0.1044158
3/22/2023 11:15	0.03305816	0.0350875	0.1037417
3/22/2023 11:14	0.03384765	0.03554438	0.1028975
3/22/2023 11:13	0.03582582	0.03547649	0.1017803
3/22/2023 11:12	0.03515573	0.03555287	0.1019682
3/22/2023 11:11	0.03490946	0.03564765	0.1016779
3/22/2023 11:10	0.03338978	0.03594713	0.1020035
3/22/2023 11:09	0.0347662	0.03641146	0.1023754
3/22/2023 11:08	0.0340285	0.03662318	0.1026044
3/22/2023 11:07	0.03678863	0.03696613	0.1030418
3/22/2023 11:06	0.03666561	0.03710957	0.1033854
3/22/2023 11:05	0.03714003	0.03717217	0.1032102
3/22/2023 11:04	0.03730282	0.03723537	0.1034991
3/22/2023 11:03	0.03628049	0.03650336	0.1041308
3/22/2023 11:02	0.03912669	0.03643572	0.1048037
3/22/2023 11:01	0.0371488	0.03581814	0.1049196
3/22/2023 11:00	0.0363392	0.03542568	0.105168
3/22/2023 10:59	0.03555656	0.03525362	0.1054422
3/22/2023 10:58	0.03573998	0.03514607	0.1056887
3/22/2023 10:57	0.03517052	0.03500976	0.10565
3/22/2023 10:56	0.03461718	0.0349649	0.1056596
3/22/2023 10:55	0.03564326	0.03502298	0.1062187
3/22/2023 10:54	0.03427653	0.03496033	0.106355
3/22/2023 10:53	0.03494838	0.03507842	0.1070373
3/22/2023 10:52	0.03578128	0.03504408	0.1074026
3/22/2023 10:51	0.03597717	0.03500646	0.1076629
3/22/2023 10:50	0.0348087	0.03483667	0.1066529
3/22/2023 10:49	0.03424452	0.03488734	0.1068128
3/22/2023 10:48	0.03408761	0.0350174	0.1070136

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Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 10:47	0.03412712	0.0352105	0.1074881
3/22/2023 10:46	0.03572669	0.03528165	0.1080262
3/22/2023 10:45	0.03545944	0.03517034	0.1084009
3/22/2023 10:44	0.0350358	0.03527937	0.1089791
3/22/2023 10:43	0.03588063	0.03530045	0.1096445
3/22/2023 10:42	0.03488858	0.03530493	0.1095436
3/22/2023 10:41	0.03727493	0.035199	0.1086565
3/22/2023 10:40	0.03408206	0.03504394	0.1076354
3/22/2023 10:39	0.03576999	0.03499168	0.1068886
3/22/2023 10:38	0.03474916	0.03495026	0.1060954
3/22/2023 10:37	0.03964858	0.03462219	0.1052896
3/22/2023 10:36	0.03377146	0.03418524	0.1039765
3/22/2023 10:35	0.03385056	0.03429292	0.1037233
3/22/2023 10:34	0.03436542	0.03441529	0.1038042
3/22/2023 10:33	0.03471555	0.03443479	0.1037917
3/22/2023 10:32	0.03486986	0.03443412	0.1035413
3/22/2023 10:31	0.03451175	0.03436149	0.1031497
3/22/2023 10:30	0.03435397	0.03436863	0.1029315
3/22/2023 10:29	0.03496613	0.03441359	0.1028308
3/22/2023 10:28	0.03307515	0.03441298	0.102844
3/22/2023 10:27	0.033291	0.03456331	0.1030198
3/22/2023 10:26	0.03406593	0.03470011	0.1031522
3/22/2023 10:25	0.03596773	0.03497182	0.102808
3/22/2023 10:24	0.03481145	0.03506584	0.1025452
3/22/2023 10:23	0.03407942	0.03510983	0.1024964
3/22/2023 10:22	0.03461595	0.03536426	0.1021734
3/22/2023 10:21	0.03327882	0.03535321	0.1019926
3/22/2023 10:20	0.03492859	0.03564996	0.1017031
3/22/2023 10:19	0.03602884	0.03568999	0.1005409
3/22/2023 10:18	0.04421882	0.03562507	0.09930782
3/22/2023 10:17	0.0340247	0.03471811	0.09880799
3/22/2023 10:16	0.0334269	0.03480603	0.0985757
3/22/2023 10:15	0.03202306	0.03522818	0.09843896
3/22/2023 10:14	0.03429494	0.03589178	0.09846036
3/22/2023 10:13	0.03416706	0.03597345	0.0981199
3/22/2023 10:12	0.03526804	0.03608389	0.09770049
3/22/2023 10:11	0.03603151	0.03628361	0.09760109
3/22/2023 10:10	0.03779756	0.03633746	0.09748377
3/22/2023 10:09	0.03854464	0.03606527	0.09730129
3/22/2023 10:08	0.03706122	0.03548858	0.09634243
3/22/2023 10:07	0.03803094	0.03500971	0.09574473
3/22/2023 10:06	0.03707533	0.03441607	0.0950661
3/22/2023 10:05	0.03709531	0.03393864	0.09469184

Downwind CAMP Data
March 22, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 10:04	0.03669336	0.03335142	0.09431627
3/22/2023 10:03	0.03435503	0.03286399	0.09395874
3/22/2023 10:02	0.03436092	0.03244055	0.09370188
3/22/2023 10:01	0.0333846	0.03216768	0.09358543
3/22/2023 10:00	0.03275561	0.03189806	0.09349164
3/22/2023 9:59	0.03318579	0.03166273	0.09322642
3/22/2023 9:58	0.03212225	0.03144877	0.09259588
3/22/2023 9:57	0.03202659	0.03126904	0.09233512
3/22/2023 9:56	0.03197545	0.03109949	0.09216414
3/22/2023 9:55	0.03197145	0.03095572	0.09185538
3/22/2023 9:54	0.03175808	0.03077399	0.09153165
3/22/2023 9:53	0.03181864	0.03064869	0.09126377
3/22/2023 9:52	0.03076005	0.03064483	0.09083392
3/22/2023 9:51	0.03011491	0.03053655	0.09075022
3/22/2023 9:50	0.02973989	0.03067337	0.09075543
3/22/2023 9:49	0.03091078	0.03074235	0.09066774
3/22/2023 9:48	0.03078162	0.03066409	0.09042095
3/22/2023 9:47	0.0308734	0.03065047	0.09025565
3/22/2023 9:46	0.03001188	0.03066276	0.09002286
3/22/2023 9:45	0.03180414	0.0306794	0.08980592
3/22/2023 9:44	0.03076276	0.0306086	0.08968
3/22/2023 9:43	0.03169759	0.03059152	0.08945049
3/22/2023 9:42	0.03054311	0.03059231	0.08881804
3/22/2023 9:41	0.03089441	0.03059086	0.08865061
3/22/2023 9:40	0.03009053	0.03045397	0.08850288
3/22/2023 9:39	0.030311	0.03053383	0.08828984
3/22/2023 9:38	0.02948655	0.03062398	0.08813494
3/22/2023 9:37	0.03214027	0.0307624	0.0879087
3/22/2023 9:36	0.03028828	0.03044077	0.08707704
3/22/2023 9:35	0.03172888	0.03034364	0.08691286
3/22/2023 9:34	0.0317129	0.02988584	0.08669294
3/22/2023 9:33	0.03119303	0.02954532	0.08643302
3/22/2023 9:32	0.02942679	0.02925786	0.0861962
3/22/2023 9:31	0.02874694	0.02908117	0.08590548
3/22/2023 9:30	0.03060666	0.0290301	0.08568722
3/22/2023 9:29	0.02981289	0.02877662	0.0853246
3/22/2023 9:28	0.02817857	0.02858797	0.08499634
3/22/2023 9:27	0.02871813	0.02862617	0.08477807
3/22/2023 9:26	0.02890936	0.02853172	0.08447368
3/22/2023 9:25	0.02809704	0.02845209	0.08399247
3/22/2023 9:24	0.02769086	0.02822452	0.08355023
3/22/2023 9:23	0.0273479	0.02834802	0.0833552
3/22/2023 9:22	0.02814494	0.02851498	0.08303231

Downwind CAMP Data
March 22, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 9:21	0.02894149	0.02847669	0.08296037
3/22/2023 9:20	0.02919675	0.02827135	0.08273478
3/22/2023 9:19	0.0303844	0.02782568	0.08248357
3/22/2023 9:18	0.02818584	0.02776133	0.08240418
3/22/2023 9:17	0.0297123	0.02772626	0.08219154
3/22/2023 9:16	0.02783137	0.02748296	0.08145548
3/22/2023 9:15	0.02733761	0.02730545	0.08124582
3/22/2023 9:14	0.02753734	0.02727201	0.08119735
3/22/2023 9:01	0.02609152	0.02626209	0.07977937
3/22/2023 9:00	0.02785914	0.0263503	0.07987256
3/22/2023 8:59	0.02625378	0.02617936	0.07974036
3/22/2023 8:58	0.02469993	0.02635265	0.07987307
3/22/2023 8:57	0.02492722	0.02660933	0.07999773
3/22/2023 8:56	0.02588961	0.02689968	0.08014515
3/22/2023 8:55	0.02558817	0.02716591	0.08009449
3/22/2023 8:54	0.02555571	0.0274216	0.08007561
3/22/2023 8:53	0.02831717	0.02776368	0.08036509
3/22/2023 8:52	0.02624198	0.02778105	0.08024544
3/22/2023 8:51	0.02675945	0.0281615	0.08063461
3/22/2023 8:50	0.02829248	0.02830494	0.08090204
3/22/2023 8:49	0.02608163	0.02825264	0.08089738
3/22/2023 8:48	0.0341617	0.02815468	0.080653
3/22/2023 8:47	0.02975458	0.02755237	0.07917148
3/22/2023 8:46	0.02645082	0.0274993	0.07762076
3/22/2023 8:45	0.02944488	0.02762618	0.07729442
3/22/2023 8:44	0.03339717	0.02743297	0.07643886
3/22/2023 8:43	0.02752458	0.02652545	0.07493111
3/22/2023 8:42	0.0268921	0.0262546	0.07397208
3/22/2023 8:41	0.02640934	0.0262565	0.07362561
3/22/2023 8:40	0.02721231	0.02626715	0.07321298
3/22/2023 8:39	0.02476137	0.02640365	0.07331663
3/22/2023 8:38	0.02503764	0.02683157	0.07352677
3/22/2023 8:37	0.02377276	0.02738658	0.07401454
3/22/2023 8:36	0.02519911	0.02731964	0.07451062
3/22/2023 8:35	0.02517997	0.02793211	0.07460997
3/22/2023 8:34	0.02863951	0.0286355	0.07479326
3/22/2023 8:33	0.02448897	0.0278625	0.07394758
3/22/2023 8:32	0.02480318	0.02857987	0.07395841
3/22/2023 8:31	0.02751806	0.02902436	0.07373933
3/22/2023 8:30	0.02685794	0.02958639	0.07347992
3/22/2023 8:29	0.02994915	0.02996628	0.07259694
3/22/2023 8:28	0.02988668	0.03006777	0.07131615
3/22/2023 8:27	0.02902088	0.02994406	0.06839833

Downwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 8:26	0.03210289	0.03007721	0.06749684
3/22/2023 8:25	0.02869387	0.02990919	0.06623103
3/22/2023 8:24	0.02689593	0.03031056	0.06560826
3/22/2023 8:23	0.02666448	0.03106391	0.06533785
3/22/2023 8:22	0.02931333	0.03188395	0.06511634
3/22/2023 8:21	0.02882744	0.03225077	0.06444988
3/22/2023 8:20	0.037173	0.03260891	0.06368516
3/22/2023 8:19	0.03261756	0.03181585	0.06241126
3/22/2023 8:18	0.03084181	0.03179686	0.0615228
3/22/2023 8:17	0.03280371	0.0316528	0.06046665
3/22/2023 8:16	0.03239623	0.03160778	0.05909912
3/22/2023 8:15	0.03061719	0.03156261	0.05756257
3/22/2023 8:14	0.03513063	0.03166259	0.05519654
3/22/2023 8:13	0.03186789	0.03135889	0.05199052
3/22/2023 8:12	0.03114304	0.03128726	0.04846267
3/22/2023 8:11	0.03312264	0.03130691	0.04692011
3/22/2023 8:10	0.03408356	0.03046864	0.04582658
3/22/2023 8:09	0.04350569	0.02971383	0.04514223
3/22/2023 8:08	0.02768407	0.02921869	0.04438042
3/22/2023 8:07	0.02862744	0.02942794	0.04299753
3/22/2023 8:06	0.02915318	0.02934356	0.04076627
3/22/2023 8:05	0.02765842	0.02958595	0.03843687
3/22/2023 8:04	0.02960054	0.030088	0.03676312
3/22/2023 8:03	0.03459045	0.02983013	0.03498487
3/22/2023 8:02	0.02973177	0.02867977	0.03239627
3/22/2023 8:01	0.02820713	0.02853958	0.02937443
3/22/2023 8:00	0.02781712	0.02852065	0.02717594
3/22/2023 7:59	0.02864824	0.0285478	0.02533538
3/22/2023 7:58	0.03051759	0.02832683	0.02168202
3/22/2023 7:57	0.02696344	0.02776085	0.01880889
3/22/2023 7:56	0.03007065	0.02772868	0.01679515
3/22/2023 7:55	0.02828104	0.02727053	0.01389286
3/22/2023 7:54	0.02664626	0.02714911	0.01183946
3/22/2023 7:53	0.0283597	0.0271094	0.01057501
3/22/2023 7:52	0.02971973	0.02686639	0.008906115
3/22/2023 7:51	0.02597429	0.02620745	0.007772299
3/22/2023 7:50	0.02701696	0.02626845	0.007095108
3/22/2023 7:49	0.02628089	0.02612842	0.006285449
3/22/2023 7:48	0.02415926	0.02621187	0.005714507
3/22/2023 7:47	0.02572102	0.02661324	0.005365225
3/22/2023 7:46	0.02364345	0.02686091	0.004722822
3/22/2023 7:45	0.02567104	0.02737627	0.004524354
3/22/2023 7:44	0.02443339	0.02769137	0.004572996

Downwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/22/2023 7:43	0.02324203	0.02857243	0.004768067
3/22/2023 7:42	0.02411454	0.02963803	0.005006334
3/22/2023 7:41	0.03205653	0.03059777	0.005136154
3/22/2023 7:40	0.02705125	0.03090391	0.005288748
3/22/2023 7:39	0.02956679	0.03137206	0.005087569
3/22/2023 7:38	0.03107951	0.03189104	0.005319567
3/22/2023 7:37	0.03015201	0.03206407	0.005287898
3/22/2023 7:36	0.0291359	0.03267352	0.005447813
3/22/2023 7:35	0.03668766	0.03288538	0.005701735
3/22/2023 7:34	0.03663081	0.03219524	0.006088307
3/22/2023 7:33	0.04267931	0.02998031	0.006493865
3/22/2023 7:32	0.04214266	0.02748998	0.006926435
3/22/2023 7:31	0.03218014	0.02509192	0.007387818
3/22/2023 7:30	0.02852495	0.02374808	0.00779049
3/22/2023 7:29	0.02471479	0.02335659	0.00807702
3/22/2023 7:28	0.02569528	0.02300715	0.008376397
3/22/2023 7:27	-0.001	-0.001	0

Upwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 14:11	0.07018926	0.09087691	0.1700753
3/23/2023 14:10	0.06417628	0.09608885	0.1703634
3/23/2023 14:09	0.06426223	0.1022289	0.1703352
3/23/2023 14:08	0.07258528	0.1100646	0.1696698
3/23/2023 14:07	0.06294867	0.1181224	0.1679412
3/23/2023 14:06	0.0617139	0.1300441	0.1676213
3/23/2023 14:05	0.06828862	0.1450031	0.168034
3/23/2023 14:04	0.06825197	0.1613641	0.167218
3/23/2023 14:03	0.06493504	0.1815841	0.1666255
3/23/2023 14:02	0.06606042	0.2056174	0.1654997
3/23/2023 14:01	0.06165779	0.2353711	0.1636388
3/23/2023 14:00	0.06036428	0.2727442	0.1632344
3/23/2023 13:59	0.08708477	0.317032	0.1642548
3/23/2023 13:58	0.1631664	0.3675034	0.1648141
3/23/2023 13:57	0.7613504	0.3756438	0.1656221
3/23/2023 13:56	0.3047214	0.3252352	0.166043
3/23/2023 13:55	0.0871194	0.3162702	0.1664778
3/23/2023 13:54	0.3623722	0.3473536	0.1663984
3/23/2023 13:53	0.3626842	0.3424922	0.1660957
3/23/2023 13:52	0.309455	0.3494491	0.1658071
3/23/2023 13:51	0.5865059	0.3503157	0.1643526
3/23/2023 13:50	0.2916421	0.288883	0.1636155
3/23/2023 13:49	0.4955226	0.2685488	0.1635185
3/23/2023 13:48	0.5156145	0.2517613	0.1611209
3/23/2023 13:47	0.1714901	0.2086098	0.1583421
3/23/2023 13:46	0.2779215	0.2117567	0.1555851
3/23/2023 13:45	0.4182279	0.2007903	0.1533197
3/23/2023 13:44	0.2144779	0.1915493	0.1498664
3/23/2023 13:43	0.2291583	0.1260647	0.1460916
3/23/2023 13:42	0.09108523	0.1185084	0.1443857
3/23/2023 13:41	0.06735633	0.1228815	0.1444006
3/23/2023 13:40	0.1155879	0.1341117	0.1448719
3/23/2023 13:39	0.1005596	0.1312574	0.1438343
3/23/2023 13:38	0.05960279	0.1347409	0.1438008
3/23/2023 13:37	0.05385579	0.1514477	0.1440819
3/23/2023 13:36	0.05431034	0.1721238	0.1446893
3/23/2023 13:35	0.197599	0.1962401	0.145535
3/23/2023 13:34	0.1021453	0.1793214	0.1456605
3/23/2023 13:33	0.1479466	0.180194	0.1458612
3/23/2023 13:32	0.1281256	0.1916335	0.146251
3/23/2023 13:31	0.6341961	0.1345771	0.1472053
3/23/2023 13:30	0.05985918	0.1147119	0.1478394
3/23/2023 13:29	0.06086645	0.1268183	0.1488066

Upwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 13:28	0.06789921	0.1411976	0.1501036
3/23/2023 13:27	0.2934262	0.150037	0.1509106
3/23/2023 13:26	0.06877977	0.1323436	0.1508593
3/23/2023 13:25	0.105796	0.145068	0.1515441
3/23/2023 13:24	0.1182481	0.1454238	0.1514908
3/23/2023 13:23	0.06096023	0.152867	0.1513396
3/23/2023 13:22	0.07833935	0.1719156	0.1518206
3/23/2023 13:21	0.2087856	0.1880698	0.1519622
3/23/2023 13:20	0.14735	0.1469857	0.1513963
3/23/2023 13:19	0.1676733	0.15101	0.1501774
3/23/2023 13:18	0.2481866	0.1220131	0.1488477
3/23/2023 13:17	0.2264113	0.09592762	0.1485974
3/23/2023 13:16	0.0797983	0.05723941	0.147836
3/23/2023 13:15	0.06302989	0.05448116	0.1473426
3/23/2023 13:14	0.07200971	0.05136265	0.1464487
3/23/2023 13:13	0.04526605	0.05043388	0.147086
3/23/2023 13:12	0.04862294	0.05132447	0.1489471
3/23/2023 13:11	0.0519263	0.05163934	0.1504094
3/23/2023 13:10	0.05551986	0.05047512	0.1495829
3/23/2023 13:09	0.0472361	0.04968715	0.1494507
3/23/2023 13:08	0.05486122	0.04933634	0.1492226
3/23/2023 13:07	0.04708638	0.04927665	0.1496013
3/23/2023 13:06	0.05295983	0.04967546	0.1508172
3/23/2023 13:05	0.04772642	0.04917035	0.1516175
3/23/2023 13:04	0.07034637	0.04877229	0.1524042
3/23/2023 13:03	0.04664133	0.04233091	0.1504038
3/23/2023 13:02	0.04672584	0.04167743	0.1513647
3/23/2023 13:01	0.04630304	0.04044296	0.1524757
3/23/2023 13:00	0.0407327	0.03971779	0.1523643
3/23/2023 12:59	0.03980766	0.03969631	0.1534244
3/23/2023 12:58	0.04051875	0.03966499	0.1543663
3/23/2023 12:57	0.03947147	0.03958352	0.1553442
3/23/2023 12:56	0.03910131	0.03958575	0.1566231
3/23/2023 12:55	0.04024579	0.03967325	0.1583155
3/23/2023 12:54	0.03878501	0.03959756	0.1588918
3/23/2023 12:53	0.03898767	0.03976222	0.1599946
3/23/2023 12:52	0.03883584	0.03998789	0.1618109
3/23/2023 12:51	0.04067277	0.04011306	0.1641969
3/23/2023 12:50	0.03949331	0.04012161	0.166779
3/23/2023 12:49	0.03791123	0.04034335	0.1684726
3/23/2023 12:48	0.03774429	0.04088792	0.1705771
3/23/2023 12:47	0.03755522	0.04151904	0.1724215
3/23/2023 12:46	0.03715319	0.0422919	0.1739206

Upwind CAMP Data
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Grand Union Hotel Bowling Alley Site
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 12:45	0.03713673	0.04338639	0.1758707
3/23/2023 12:44	0.03654592	0.04470553	0.1778144
3/23/2023 12:43	0.03788908	0.04629691	0.1795727
3/23/2023 12:42	0.03588565	0.04820663	0.1814923
3/23/2023 12:41	0.0355773	0.05097184	0.1841677
3/23/2023 12:40	0.03988018	0.05384798	0.18535
3/23/2023 12:39	0.03651269	0.05729825	0.1850324
3/23/2023 12:38	0.04710084	0.06156383	0.1834028
3/23/2023 12:37	0.1489872	0.05588477	0.1636389
3/23/2023 12:36	0.06215355	0.03929956	0.1304559
3/23/2023 12:35	0.06177118	0.03500761	0.1229427
3/23/2023 12:34	0.03497159	0.03229406	0.1171145
3/23/2023 12:33	0.03685404	0.03172161	0.1153678
3/23/2023 12:32	0.03220959	0.03106409	0.1137971
3/23/2023 12:31	0.03119191	0.03092459	0.1139512
3/23/2023 12:30	0.03198431	0.03085417	0.114221
3/23/2023 12:29	0.03186123	0.03064165	0.113989
3/23/2023 12:28	0.03083324	0.03048736	0.1138502
3/23/2023 12:27	0.03092329	0.03034699	0.1122552
3/23/2023 12:26	0.02978018	0.03025999	0.1112371
3/23/2023 12:25	0.02865902	0.03048918	0.1119028
3/23/2023 12:24	0.02810607	0.03096649	0.1126699
3/23/2023 12:23	0.03097836	0.03150529	0.1136447
3/23/2023 12:22	0.03186639	0.03147587	0.1144654
3/23/2023 12:21	0.03108442	0.03151272	0.1153314
3/23/2023 12:20	0.03234563	0.03163695	0.1161258
3/23/2023 12:19	0.03197612	0.03133228	0.1168614
3/23/2023 12:18	0.03099475	0.03127452	0.1176344
3/23/2023 12:17	0.02965301	0.03146844	0.1184852
3/23/2023 12:16	0.02943683	0.03196289	0.1190005
3/23/2023 12:15	0.03097975	0.03249034	0.1200368
3/23/2023 12:14	0.03317888	0.0326499	0.1206524
3/23/2023 12:13	0.03640589	0.0322221	0.1215401
3/23/2023 12:12	0.0333496	0.0311679	0.1221129
3/23/2023 12:11	0.03069905	0.03092506	0.1230874
3/23/2023 12:10	0.0295125	0.03110107	0.1241775
3/23/2023 12:09	0.02907142	0.03145028	0.1251116
3/23/2023 12:08	0.032015	0.03181732	0.1258999
3/23/2023 12:07	0.03362176	0.03157663	0.1260527
3/23/2023 12:06	0.03092957	0.03153139	0.1274664
3/23/2023 12:05	0.03291437	0.03161385	0.128919
3/23/2023 12:04	0.02955579	0.03165683	0.1304671
3/23/2023 12:03	0.03218308	0.03179326	0.1318371

Upwind CAMP Data
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 12:02	0.0320432	0.0320057	0.133483
3/23/2023 12:01	0.0303622	0.03208204	0.1348107
3/23/2023 12:00	0.02889274	0.03249542	0.1365167
3/23/2023 11:59	0.02958772	0.03341995	0.1385393
3/23/2023 11:58	0.03151182	0.03423626	0.1404565
3/23/2023 11:57	0.0333035	0.03458339	0.1422195
3/23/2023 11:56	0.03377356	0.03451012	0.1438691
3/23/2023 11:55	0.03516387	0.03455642	0.1454694
3/23/2023 11:54	0.03237687	0.0346787	0.1469401
3/23/2023 11:53	0.03155633	0.0352597	0.14731
3/23/2023 11:52	0.03339389	0.03574146	0.1462465
3/23/2023 11:51	0.038299	0.03587852	0.1457045
3/23/2023 11:50	0.03379318	0.03586496	0.1448748
3/23/2023 11:49	0.03495644	0.03628735	0.1459514
3/23/2023 11:48	0.03530832	0.03647891	0.1464486
3/23/2023 11:47	0.03606541	0.03677109	0.1469475
3/23/2023 11:46	0.03747268	0.03685921	0.1463952
3/23/2023 11:45	0.03616819	0.03680965	0.1465829
3/23/2023 11:44	0.03540172	0.03683311	0.145543
3/23/2023 11:43	0.03502641	0.03712935	0.1457753
3/23/2023 11:42	0.0346503	0.03760987	0.1465643
3/23/2023 11:41	0.03792557	0.03812962	0.1460062
3/23/2023 11:40	0.04168558	0.03791203	0.1409193
3/23/2023 11:39	0.04097977	0.03701698	0.1301746
3/23/2023 11:38	0.03377154	0.03669515	0.1235373
3/23/2023 11:37	0.03650934	0.03727681	0.12374
3/23/2023 11:36	0.03631602	0.03747796	0.1235433
3/23/2023 11:35	0.03761134	0.03766469	0.1225002
3/23/2023 11:34	0.04203038	0.03728188	0.1219462
3/23/2023 11:33	0.04197655	0.03634417	0.1215368
3/23/2023 11:32	0.03831663	0.03503158	0.120845
3/23/2023 11:31	0.03486226	0.03470137	0.1202784
3/23/2023 11:30	0.0339292	0.03474971	0.1204008
3/23/2023 11:29	0.035141	0.03499659	0.120497
3/23/2023 11:28	0.03329302	0.03519076	0.1204023
3/23/2023 11:27	0.03416996	0.03562791	0.12011
3/23/2023 11:26	0.03518551	0.03591869	0.1187263
3/23/2023 11:25	0.03694481	0.03595944	0.1190141
3/23/2023 11:24	0.03453805	0.0357643	0.1186327
3/23/2023 11:23	0.0352525	0.03598182	0.1167712
3/23/2023 11:22	0.03745471	0.03606142	0.1153905
3/23/2023 11:21	0.03718767	0.03589533	0.1146998
3/23/2023 11:20	0.03766647	0.03549352	0.1138052

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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 11:19	0.03604411	0.0351658	0.1142662
3/23/2023 11:18	0.03456719	0.03515267	0.1147694
3/23/2023 11:17	0.03424865	0.03528889	0.1155834
3/23/2023 11:16	0.03493646	0.03548999	0.1161842
3/23/2023 11:15	0.03645327	0.03526611	0.1165295
3/23/2023 11:14	0.03609876	0.03509752	0.1169865
3/23/2023 11:13	0.03426687	0.0350405	0.1175996
3/23/2023 11:12	0.03455332	0.03507392	0.1162623
3/23/2023 11:11	0.03402459	0.03528927	0.116527
3/23/2023 11:10	0.03453044	0.03547857	0.1170675
3/23/2023 11:09	0.03484296	0.03567464	0.1174523
3/23/2023 11:08	0.0339815	0.03597564	0.1181434
3/23/2023 11:07	0.03417944	0.03640236	0.119429
3/23/2023 11:06	0.03415108	0.03678359	0.1207418
3/23/2023 11:05	0.03271884	0.0374811	0.1222189
3/23/2023 11:04	0.03494411	0.03838608	0.1237596
3/23/2023 11:03	0.03387351	0.03937442	0.125051
3/23/2023 11:02	0.03719185	0.04030564	0.1259926
3/23/2023 11:01	0.03667104	0.04122868	0.1268028
3/23/2023 11:00	0.03481985	0.0419727	0.1270344
3/23/2023 10:59	0.03978471	0.04276599	0.1275866
3/23/2023 10:58	0.05052042	0.04203293	0.1269309
3/23/2023 10:57	0.04267378	0.04212709	0.1268411
3/23/2023 10:56	0.039613	0.04260374	0.1272905
3/23/2023 10:55	0.03957703	0.04310847	0.128241
3/23/2023 10:54	0.0362594	0.04405138	0.1290262
3/23/2023 10:53	0.03500004	0.04608178	0.130891
3/23/2023 10:52	0.05553143	0.04708375	0.131725
3/23/2023 10:51	0.05786884	0.04369662	0.1295509
3/23/2023 10:50	0.04950826	0.04136422	0.1280243
3/23/2023 10:49	0.05059159	0.03996072	0.1272486
3/23/2023 10:48	0.04901259	0.03809515	0.1259102
3/23/2023 10:47	0.04425782	0.03609235	0.1248481
3/23/2023 10:46	0.03485695	0.0342145	0.1238182
3/23/2023 10:45	0.03382578	0.03421451	0.1253112
3/23/2023 10:44	0.03631109	0.03406715	0.125903
3/23/2023 10:43	0.03778878	0.03321681	0.1249181
3/23/2023 10:42	0.0342757	0.03274175	0.1242376
3/23/2023 10:41	0.03521768	0.0324056	0.1244065
3/23/2023 10:40	0.03341272	0.03196371	0.1238304
3/23/2023 10:39	0.03295044	0.03171543	0.1244084
3/23/2023 10:38	0.03166771	0.03144381	0.1243647
3/23/2023 10:37	0.03120977	0.03146958	0.1257236

Upwind CAMP Data
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 10:36	0.03139594	0.03152905	0.1268928
3/23/2023 10:35	0.03241524	0.03142242	0.1263324
3/23/2023 10:34	0.03218141	0.03114163	0.1241168
3/23/2023 10:33	0.0315181	0.03096996	0.1223704
3/23/2023 10:32	0.0321751	0.03075251	0.119173
3/23/2023 10:31	0.03145185	0.0304794	0.1156275
3/23/2023 10:30	0.03098932	0.03037654	0.1158706
3/23/2023 10:29	0.03136109	0.0302448	0.1171358
3/23/2023 10:28	0.03082874	0.03020595	0.1185338
3/23/2023 10:27	0.03014371	0.03012178	0.119836
3/23/2023 10:26	0.03075197	0.03002238	0.120046
3/23/2023 10:25	0.02974319	0.0299551	0.1197159
3/23/2023 10:24	0.02994763	0.02998452	0.120748
3/23/2023 10:23	0.03122616	0.02990708	0.1216787
3/23/2023 10:22	0.028828	0.02983804	0.1220448
3/23/2023 10:21	0.03052191	0.02988822	0.1223369
3/23/2023 10:20	0.02995937	0.02981599	0.1204997
3/23/2023 10:19	0.02899658	0.02976204	0.1179241
3/23/2023 10:18	0.0279901	0.02992503	0.1157552
3/23/2023 10:17	0.02808949	0.03032275	0.1151673
3/23/2023 10:16	0.02799936	0.03072315	0.1144763
3/23/2023 10:15	0.02839893	0.03130784	0.1145116
3/23/2023 10:14	0.03882796	0.03133319	0.115361
3/23/2023 10:13	0.02940172	0.03094215	0.115077
3/23/2023 10:12	0.02998098	0.03130237	0.1139746
3/23/2023 10:11	0.02808584	0.03165326	0.112965
3/23/2023 10:10	0.02743947	0.03246468	0.1129885
3/23/2023 10:09	0.0310641	0.03346974	0.1131103
3/23/2023 10:08	0.03070874	0.03378531	0.1101109
3/23/2023 10:07	0.02930163	0.03456472	0.1098521
3/23/2023 10:06	0.03358434	0.03529877	0.1098457
3/23/2023 10:05	0.04459977	0.03508541	0.1087037
3/23/2023 10:04	0.04437684	0.03196504	0.1052318
3/23/2023 10:03	0.03239186	0.03016688	0.1023843
3/23/2023 10:02	0.03065225	0.02985863	0.09870148
3/23/2023 10:01	0.02899347	0.02987271	0.0954646
3/23/2023 10:00	0.02882431	0.03004139	0.0942248
3/23/2023 9:59	0.02905338	0.03033176	0.09392241
3/23/2023 9:58	0.02999115	0.03055809	0.09364963
3/23/2023 9:57	0.02982667	0.0307057	0.09247543
3/23/2023 9:56	0.02839753	0.03101461	0.09045786
3/23/2023 9:55	0.0289194	0.0314643	0.08968568
3/23/2023 9:54	0.02998563	0.03202502	0.08913147

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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 9:53	0.03336118	0.03242642	0.08788164
3/23/2023 9:52	0.03322506	0.03211451	0.08552875
3/23/2023 9:51	0.032711	0.03193625	0.08404537
3/23/2023 9:50	0.03299016	0.03175931	0.08222133
3/23/2023 9:49	0.03410572	0.03146436	0.08020395
3/23/2023 9:48	0.03189906	0.0311703	0.07831717
3/23/2023 9:47	0.03140337	0.03111954	0.07693955
3/23/2023 9:46	0.03156609	0.03102013	0.07514334
3/23/2023 9:45	0.03059396	0.03091275	0.07357806
3/23/2023 9:44	0.03060563	0.03084807	0.0719521
3/23/2023 9:43	0.03018195	0.03083505	0.07021518
3/23/2023 9:42	0.03226575	0.03090306	0.06879264
3/23/2023 9:41	0.03005506	0.03066663	0.06750127
3/23/2023 9:40	0.03111723	0.03068369	0.06612509
3/23/2023 9:39	0.03171613	0.03054603	0.06452557
3/23/2023 9:38	0.03115606	0.03028958	0.062669
3/23/2023 9:37	0.03064762	0.0300535	0.06070276
3/23/2023 9:36	0.03123286	0.02997889	0.05913539
3/23/2023 9:35	0.0313736	0.02980229	0.05765776
3/23/2023 9:34	0.03005794	0.02959476	0.05631603
3/23/2023 9:33	0.02932017	0.0294852	0.054965
3/23/2023 9:32	0.02978817	0.02939028	0.05368075
3/23/2023 9:31	0.0289936	0.0293821	0.05247965
3/23/2023 9:30	0.02835706	0.02950658	0.05127691
3/23/2023 9:29	0.02735453	0.0297263	0.05009393
3/23/2023 9:28	0.02848649	0.03027938	0.04899264
3/23/2023 9:27	0.02926998	0.03067961	0.04782104
3/23/2023 9:26	0.02764148	0.03114039	0.04643526
3/23/2023 9:25	0.03006238	0.03178434	0.04519718
3/23/2023 9:24	0.03354817	0.03187374	0.04399498
3/23/2023 9:23	0.0302118	0.03166489	0.04280245
3/23/2023 9:22	0.02947415	0.03202711	0.04157628
3/23/2023 9:21	0.03106822	0.03248801	0.04049178
3/23/2023 9:20	0.03297835	0.03258209	0.03940485
3/23/2023 9:19	0.03311611	0.03251002	0.03846846
3/23/2023 9:18	0.03084523	0.03256891	0.03747714
3/23/2023 9:17	0.02900064	0.03314703	0.03645576
3/23/2023 9:16	0.03369848	0.03379482	0.03539884
3/23/2023 9:15	0.03381152	0.03383208	0.03442134
3/23/2023 9:14	0.03388584	0.03382633	0.03346492
3/23/2023 9:13	0.03360173	0.0338456	0.03251463
3/23/2023 9:12	0.03491475	0.03378666	0.03149503
3/23/2023 9:11	0.03412419	0.03355581	0.03043762

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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 9:10	0.03230787	0.03347278	0.02946351
3/23/2023 9:09	0.03219061	0.03380043	0.02857047
3/23/2023 9:08	0.03228821	0.03414796	0.02763025
3/23/2023 9:07	0.02965163	0.03470986	0.0267037
3/23/2023 9:06	0.03270367	0.03550974	0.02583021
3/23/2023 9:05	0.03345087	0.0360187	0.02501707
3/23/2023 9:04	0.03187421	0.03689981	0.02407993
3/23/2023 9:03	0.03826946	0.03726362	0.02275462
3/23/2023 9:02	0.03923181	0.03707859	0.02196022
3/23/2023 9:01	0.03916272	0.03657504	0.02117969
3/23/2023 9:00	0.04093858	0.03595204	0.02038032
3/23/2023 8:59	0.03880183	0.03492789	0.01958524
3/23/2023 8:58	0.03318752	0.03426908	0.01894283
3/23/2023 8:57	0.0342747	0.03448053	0.01815394
3/23/2023 8:56	0.02832511	0.03482125	0.01741993
3/23/2023 8:55	0.03088401	0.03601494	0.01677405
3/23/2023 8:54	0.03447076	0.03721378	0.01600741
3/23/2023 8:53	0.03673307	0.03752205	0.01443117
3/23/2023 8:52	0.03705906	0.0378361	0.01375615
3/23/2023 8:51	0.03470229	0.03813505	0.01300787
3/23/2023 8:50	0.03914652	0.038658	0.01205019
3/23/2023 8:49	0.03954833	0.03857037	0.01111885
3/23/2023 8:48	0.0383727	0.03839775	0.01003186
3/23/2023 8:47	0.03906628	0.03831365	0.009318231
3/23/2023 8:46	0.03835066	0.03814779	0.008541351
3/23/2023 8:45	0.03805628	0.03812268	0.007862413
3/23/2023 8:44	0.03817884	0.03812439	0.007301152
3/23/2023 8:43	0.03818003	0.03810344	0.006784606
3/23/2023 8:42	0.03837867	0.03805327	0.006314301
3/23/2023 8:41	0.03875308	0.03795049	0.005682864
3/23/2023 8:40	0.03897277	0.03777903	0.004280113
3/23/2023 8:39	0.03691822	0.03760812	0.003382133
3/23/2023 8:38	0.0367509	0.03777484	0.00287659
3/23/2023 8:37	0.03482668	0.03812549	0.002452082
3/23/2023 8:36	0.03527029	0.03878201	0.001724979
3/23/2023 8:35	0.03620237	0.0395236	0.001450025
3/23/2023 8:34	0.03905553	0.04009894	0.001137801
3/23/2023 8:33	0.0378028	0.04009951	0.000833878
3/23/2023 8:32	0.03670498	0.04065642	0.000352664
3/23/2023 8:31	0.03752369	0.04139874	0.000330561
3/23/2023 8:30	0.03980905	0.04208312	0.000352974
3/23/2023 8:29	0.03966461	0.04250813	0.000376487
3/23/2023 8:28	0.04024604	0.04307939	0.000401566

Upwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 8:27	0.04160095	0.04358883	0.000428315
3/23/2023 8:26	0.04277509	0.0438793	0.000456846
3/23/2023 8:25	0.04218896	0.04422098	0.00048782
3/23/2023 8:24	0.04183491	0.04472259	0.000520893
3/23/2023 8:23	0.04422489	0.04516515	0.000555591
3/23/2023 8:22	0.0451353	0.04532541	0.000592603
3/23/2023 8:21	0.04415939	0.04553682	0.00063208
3/23/2023 8:20	0.04340667	0.04582609	0.000673436
3/23/2023 8:19	0.04459029	0.04624785	0.000719096
3/23/2023 8:18	0.04386517	0.04655962	0.000753286
3/23/2023 8:17	0.04181737	0.04728242	0.000803465
3/23/2023 8:16	0.04252999	0.0485588	0.000856986
3/23/2023 8:15	0.04703365	0.04932004	0.000915088
3/23/2023 8:14	0.04662711	0.04972299	0.000976043
3/23/2023 8:13	0.04723724	0.0502399	0.001042218
3/23/2023 8:12	0.04565222	0.05086667	0.001111642
3/23/2023 8:11	0.05004314	0.05184819	0.001185695
3/23/2023 8:10	0.05164728	0.05225449	0.001263274
3/23/2023 8:09	0.04795665	0.05243728	0.001062733
3/23/2023 8:08	0.04796758	0.05361892	0.001134786
3/23/2023 8:07	0.04784629	0.05482062	0.001210381
3/23/2023 8:06	0.04982051	0.05656365	0.001291011
3/23/2023 8:05	0.05282044	0.05765078	0.001377012
3/23/2023 8:04	0.05334717	0.05856171	0.001468741
3/23/2023 8:03	0.05292091	0.05972061	0.001566578
3/23/2023 8:02	0.05386259	0.06103792	0.00167279
3/23/2023 8:01	0.05639782	0.0626922	0.001784218
3/23/2023 8:00	0.05456496	0.05655794	4.11E-05
3/23/2023 7:59	0.05498328	0.05701988	0
3/23/2023 7:58	0.05671277	0.05734924	0
3/23/2023 7:57	0.0590173	0.05746387	0
3/23/2023 7:56	0.06063238	0.05564459	0
3/23/2023 7:55	0.05199765	0.05602407	0
3/23/2023 7:54	0.05377263	0.05677069	0
3/23/2023 7:53	0.0564244	0.05723791	0
3/23/2023 7:52	0.0560012	0.05745564	0
3/23/2023 7:51	0.05684596	0.0575254	0
3/23/2023 7:50	0.05765762	0.05732397	0
3/23/2023 7:49	0.05636673	0.05726765	0
3/23/2023 7:48	0.05482231	0.05758218	0
3/23/2023 7:47	0.0609849	0.05817615	0
3/23/2023 7:46	0.05482852	0.05796033	0
3/23/2023 7:45	0.05192575	0.05871174	0

Upwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
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Reading Date	Dust (mg/m3)	Dust - 15m Ave (mg/m3)	15m Ave VOC (ppm)
3/23/2023 7:44	0.05358708	0.05995655	0
3/23/2023 7:43	0.05589292	0.06138897	0
3/23/2023 7:42	0.06817146	0.06123157	0
3/23/2023 7:41	0.05473671	0.06138463	0
3/23/2023 7:40	0.05029444	0.06302938	0
3/23/2023 7:39	0.04759523	0.06591142	0
3/23/2023 7:38	0.04675679	0.06997361	0
3/23/2023 7:37	0.04932052	0.0748126	0
3/23/2023 7:36	0.04604921	0.08042554	0
3/23/2023 7:35	0.04662845	0.08782707	0
3/23/2023 7:34	0.04789036	0.09670349	0
3/23/2023 7:33	0.05053324	0.1068156	0
3/23/2023 7:32	0.05180117	0.1187956	0
3/23/2023 7:31	0.05088501	0.1330766	0
3/23/2023 7:30	0.0531458	0.1505338	0
3/23/2023 7:29	0.05318349	0.1716595	0
3/23/2023 7:28	0.0523965	0.1969854	0
3/23/2023 7:27	0.05305022	0.2278081	0
3/23/2023 7:26	0.0538885	0.2650878	0
3/23/2023 7:25	0.05419191	0.3102558	0
3/23/2023 7:24	0.05450276	0.3660194	0
3/23/2023 7:23	0.05593396	0.4324496	0
3/23/2023 7:22	0.05325288	0.513089	0
3/23/2023 7:21	0.0534357	0.611334	0

Downwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 14:09	0.06159855	0.06149156	0.02981065
3/23/2023 14:08	0.06229788	0.06148415	0.03026435
3/23/2023 14:07	0.06210235	0.06138831	0.0302446
3/23/2023 14:06	0.06236514	0.06134397	0.03041475
3/23/2023 14:05	0.06397125	0.06106514	0.03062888
3/23/2023 14:04	0.06351279	0.06062572	0.03090457
3/23/2023 14:03	0.06274894	0.05992763	0.03106233
3/23/2023 14:02	0.0616905	0.05930296	0.03105613
3/23/2023 14:01	0.0594581	0.05897608	0.03140053
3/23/2023 14:00	0.05850175	0.05881423	0.03188761
3/23/2023 13:59	0.0591171	0.05875782	0.03255919
3/23/2023 13:58	0.05733194	0.05877031	0.03299792
3/23/2023 13:57	0.05768716	0.05901442	0.03377148
3/23/2023 13:56	0.05780666	0.05921719	0.03438138
3/23/2023 13:55	0.05704296	0.05965095	0.03505014
3/23/2023 13:54	0.06216462	0.05996884	0.03596765
3/23/2023 13:53	0.0626259	0.05987871	0.03676384
3/23/2023 13:52	0.05953915	0.05933413	0.03751584
3/23/2023 13:51	0.06410278	0.05940069	0.03815833
3/23/2023 13:50	0.05950095	0.05865335	0.03895794
3/23/2023 13:49	0.05837676	0.05853521	0.03981847
3/23/2023 13:48	0.06020632	0.05845223	0.04059528
3/23/2023 13:47	0.05848016	0.05825099	0.04120226
3/23/2023 13:46	0.05834637	0.05824015	0.04188604
3/23/2023 13:45	0.0593274	0.05813637	0.04244004
3/23/2023 13:44	0.05886412	0.05794658	0.04299802
3/23/2023 13:43	0.05989445	0.05761836	0.04291847
3/23/2023 13:42	0.06548161	0.05721285	0.04269003
3/23/2023 13:41	0.05795608	0.05633999	0.04191434
3/23/2023 13:40	0.05775446	0.05606273	0.04243099
3/23/2023 13:39	0.05657023	0.0557747	0.04309053
3/23/2023 13:38	0.05612434	0.05560717	0.04361222
3/23/2023 13:37	0.05584452	0.05547646	0.044128
3/23/2023 13:36	0.05482826	0.0554282	0.04480316
3/23/2023 13:35	0.05584913	0.05557131	0.04551131
3/23/2023 13:34	0.0549876	0.05570037	0.04598249
3/23/2023 13:33	0.05415203	0.05578361	0.04652619
3/23/2023 13:32	0.05419506	0.0561889	0.04738388
3/23/2023 13:31	0.05357178	0.05663943	0.0479219
3/23/2023 13:30	0.05276942	0.05737997	0.04833383
3/23/2023 13:29	0.05550823	0.05824798	0.04891287
3/23/2023 13:28	0.05875295	0.05831784	0.04886274
3/23/2023 13:27	0.05843495	0.05818506	0.04894926

Downwind CAMP Data
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Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 13:26	0.05923012	0.05815274	0.04936035
3/23/2023 13:25	0.05854631	0.05797485	0.04970988
3/23/2023 13:24	0.05741316	0.0579529	0.05001859
3/23/2023 13:23	0.08454642	0.05769725	0.05020402
3/23/2023 13:22	0.05460467	0.05495267	0.04999941
3/23/2023 13:21	0.05655099	0.05502453	0.05029698
3/23/2023 13:20	0.05843526	0.05439921	0.05045259
3/23/2023 13:19	0.05570183	0.05397615	0.04985591
3/23/2023 13:18	0.054657	0.05345005	0.04976095
3/23/2023 13:17	0.05388787	0.05326135	0.05020013
3/23/2023 13:16	0.05355734	0.05309184	0.05064352
3/23/2023 13:15	0.05379239	0.05292144	0.05099908
3/23/2023 13:14	0.05440333	0.05273831	0.05119731
3/23/2023 13:13	0.05274258	0.05254479	0.05154942
3/23/2023 13:12	0.05324524	0.05261267	0.05194777
3/23/2023 13:11	0.05290028	0.05209415	0.05255827
3/23/2023 13:10	0.05232861	0.05194731	0.05285268
3/23/2023 13:09	0.05286709	0.05174261	0.05334218
3/23/2023 13:08	0.05417193	0.05133669	0.0536584
3/23/2023 13:07	0.05512792	0.05067106	0.05399946
3/23/2023 13:06	0.05066073	0.05001695	0.05437404
3/23/2023 13:05	0.05000975	0.04977889	0.05497134
3/23/2023 13:04	0.05088425	0.04969217	0.05549909
3/23/2023 13:03	0.05017518	0.04934209	0.05577338
3/23/2023 13:02	0.05223459	0.04891601	0.05625793
3/23/2023 13:01	0.05126968	0.04803542	0.05640096
3/23/2023 13:00	0.04731604	0.04749474	0.05619394
3/23/2023 12:59	0.04619877	0.0476683	0.05614637
3/23/2023 12:58	0.04891402	0.04764359	0.05630654
3/23/2023 12:57	0.04769058	0.04753749	0.05611078
3/23/2023 12:56	0.0487053	0.04718483	0.05628354
3/23/2023 12:55	0.04558609	0.0471421	0.05642648
3/23/2023 12:54	0.04530843	0.04734225	0.05690782
3/23/2023 12:53	0.04688505	0.04773727	0.05740292
3/23/2023 12:52	0.04659462	0.04780961	0.05750267
3/23/2023 12:51	0.04895252	0.04805189	0.05752387
3/23/2023 12:50	0.0478064	0.04795107	0.05638158
3/23/2023 12:49	0.04519142	0.04820544	0.05569529
3/23/2023 12:48	0.04685814	0.04873998	0.05519037
3/23/2023 12:47	0.04730066	0.04912445	0.05424749
3/23/2023 12:46	0.04876936	0.04937887	0.05266967
3/23/2023 12:45	0.04926526	0.04956293	0.05222552
3/23/2023 12:44	0.05472749	0.0493123	0.05073958

Downwind CAMP Data
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Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 12:43	0.04508714	0.04859468	0.0481824
3/23/2023 12:42	0.04769278	0.04876366	0.04867426
3/23/2023 12:41	0.04559712	0.04946094	0.04943357
3/23/2023 12:40	0.04715666	0.0500068	0.04989345
3/23/2023 12:39	0.04488143	0.05066597	0.05004274
3/23/2023 12:38	0.05056506	0.05193771	0.05020359
3/23/2023 12:37	0.07747407	0.05089583	0.0471905
3/23/2023 12:36	0.05696578	0.04532259	0.03691681
3/23/2023 12:35	0.04753589	0.04332399	0.03363747
3/23/2023 12:34	0.04586552	0.04241654	0.03241171
3/23/2023 12:33	0.04497059	0.04168837	0.03218246
3/23/2023 12:32	0.04343822	0.04101706	0.03171925
3/23/2023 12:31	0.04088112	0.0408153	0.03039962
3/23/2023 12:30	0.04111017	0.04074722	0.02966469
3/23/2023 12:29	0.04108235	0.0405869	0.02946024
3/23/2023 12:28	0.03964691	0.04059239	0.02964736
3/23/2023 12:27	0.0389604	0.04082173	0.02995601
3/23/2023 12:26	0.04050379	0.041227	0.03024192
3/23/2023 12:25	0.04570522	0.0408191	0.03041357
3/23/2023 12:24	0.04153444	0.04032531	0.03059803
3/23/2023 12:23	0.0410375	0.04000875	0.03099933
3/23/2023 12:22	0.03897249	0.03991709	0.03124439
3/23/2023 12:21	0.03971526	0.03991671	0.03115029
3/23/2023 12:20	0.03909462	0.04009537	0.03157179
3/23/2023 12:19	0.03872483	0.04027962	0.03206223
3/23/2023 12:18	0.04124123	0.04027012	0.03258728
3/23/2023 12:17	0.0406581	0.0401772	0.03321349
3/23/2023 12:16	0.03881379	0.0402807	0.0336621
3/23/2023 12:15	0.03893587	0.04055256	0.03427893
3/23/2023 12:14	0.03952883	0.0407981	0.03446361
3/23/2023 12:13	0.03809283	0.04096643	0.03379195
3/23/2023 12:12	0.0406764	0.0414234	0.03384363
3/23/2023 12:11	0.04102608	0.04167454	0.03437913
3/23/2023 12:10	0.04278556	0.04111366	0.03462492
3/23/2023 12:09	0.04031767	0.04110296	0.03509383
3/23/2023 12:08	0.04069035	0.04126228	0.03550403
3/23/2023 12:07	0.04385878	0.04117497	0.03598044
3/23/2023 12:06	0.04023209	0.04085541	0.03628828
3/23/2023 12:05	0.04197651	0.040694	0.03618461
3/23/2023 12:04	0.04112236	0.04049514	0.03693532
3/23/2023 12:03	0.04060127	0.04039257	0.03765827
3/23/2023 12:02	0.03880931	0.04043207	0.03816006
3/23/2023 12:01	0.04058807	0.04063883	0.0389859

Downwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 12:00	0.03872456	0.04052681	0.03936231
3/23/2023 11:59	0.03856171	0.0409344	0.04011948
3/23/2023 11:58	0.03903866	0.04142002	0.04090796
3/23/2023 11:57	0.03909364	0.04185912	0.0416723
3/23/2023 11:56	0.03904226	0.0423071	0.04230569
3/23/2023 11:55	0.0380461	0.04301	0.04323404
3/23/2023 11:54	0.03795458	0.04392783	0.04395827
3/23/2023 11:53	0.03978538	0.045268	0.04480626
3/23/2023 11:52	0.04151263	0.04609479	0.04539882
3/23/2023 11:51	0.04152291	0.04675028	0.0460968
3/23/2023 11:50	0.04691518	0.04739225	0.0462714
3/23/2023 11:49	0.04787624	0.04768368	0.04625949
3/23/2023 11:48	0.04612377	0.04741235	0.04633655
3/23/2023 11:47	0.04634917	0.04773397	0.04652555
3/23/2023 11:46	0.04727608	0.0465188	0.04643378
3/23/2023 11:45	0.04392617	0.04665329	0.04664881
3/23/2023 11:44	0.0455563	0.0471305	0.04701944
3/23/2023 11:43	0.04535557	0.04748105	0.04749291
3/23/2023 11:42	0.04427303	0.04805205	0.04752083
3/23/2023 11:41	0.05073772	0.0485158	0.04644103
3/23/2023 11:40	0.05051422	0.04783507	0.03908608
3/23/2023 11:39	0.04435382	0.04746639	0.03039393
3/23/2023 11:38	0.04563493	0.04803484	0.03021438
3/23/2023 11:37	0.04750814	0.04836347	0.03006085
3/23/2023 11:36	0.04536226	0.04856234	0.02959929
3/23/2023 11:35	0.04878126	0.04879625	0.02944422
3/23/2023 11:34	0.04720927	0.04900483	0.02919181
3/23/2023 11:33	0.05663566	0.04882644	0.0288725
3/23/2023 11:32	0.05225467	0.04761175	0.02844271
3/23/2023 11:31	0.04997872	0.04679632	0.02815843
3/23/2023 11:30	0.04563419	0.04627329	0.028047
3/23/2023 11:29	0.04474185	0.04633441	0.02794662
3/23/2023 11:28	0.04338958	0.04676856	0.02799914
3/23/2023 11:27	0.04452361	0.04736469	0.02784222
3/23/2023 11:26	0.04514059	0.04797674	0.02772324
3/23/2023 11:25	0.04317565	0.04869145	0.02752278
3/23/2023 11:24	0.04376027	0.04975675	0.02745921
3/23/2023 11:23	0.05063855	0.05023114	0.02697029
3/23/2023 11:22	0.04767194	0.05096177	0.0265088
3/23/2023 11:21	0.05085549	0.05114236	0.0261942
3/23/2023 11:20	0.04992341	0.05058197	0.02611885
3/23/2023 11:19	0.0558652	0.05011899	0.0260218
3/23/2023 11:18	0.04859953	0.04980325	0.02595403

Downwind CAMP Data
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Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 11:17	0.05841868	0.04977421	0.02587765
3/23/2023 11:16	0.04745	0.04880227	0.02536316
3/23/2023 11:15	0.04961468	0.04912947	0.02514795
3/23/2023 11:14	0.04900119	0.04849812	0.02477628
3/23/2023 11:13	0.059894	0.04826337	0.02432907
3/23/2023 11:12	0.0518195	0.04637269	0.02325872
3/23/2023 11:11	0.0461846	0.04527971	0.02326131
3/23/2023 11:10	0.04594246	0.04513353	0.02331061
3/23/2023 11:09	0.04419508	0.04510665	0.0231805
3/23/2023 11:08	0.04419935	0.04532947	0.02333156
3/23/2023 11:07	0.04409482	0.04546319	0.02355011
3/23/2023 11:06	0.04527458	0.04573486	0.02391921
3/23/2023 11:05	0.04627923	0.04560623	0.02397067
3/23/2023 11:04	0.04455585	0.04548354	0.02411201
3/23/2023 11:03	0.04351956	0.04566196	0.02436091
3/23/2023 11:02	0.04475023	0.04596385	0.02459856
3/23/2023 11:01	0.04411345	0.04624392	0.02481252
3/23/2023 11:00	0.0438941	0.04677319	0.02508917
3/23/2023 10:59	0.04398832	0.04741097	0.02547639
3/23/2023 10:58	0.04407345	0.0480624	0.02564419
3/23/2023 10:57	0.04627934	0.04867584	0.02588242
3/23/2023 10:56	0.04862871	0.04890014	0.02603261
3/23/2023 10:55	0.04821523	0.04860405	0.0261537
3/23/2023 10:54	0.04717821	0.04880122	0.02665664
3/23/2023 10:53	0.04754382	0.04928996	0.02723692
3/23/2023 10:52	0.04898637	0.04930796	0.02769544
3/23/2023 10:51	0.06267404	0.04820307	0.02669089
3/23/2023 10:50	0.04998668	0.0467865	0.02577873
3/23/2023 10:49	0.05453836	0.04618075	0.02608061
3/23/2023 10:48	0.04778254	0.04523167	0.02506638
3/23/2023 10:47	0.04664971	0.04453355	0.0246255
3/23/2023 10:46	0.04389968	0.04420297	0.02451839
3/23/2023 10:45	0.04440291	0.04419509	0.02487773
3/23/2023 10:44	0.04498589	0.04391147	0.02453548
3/23/2023 10:43	0.04540104	0.04342266	0.02377314
3/23/2023 10:42	0.04480903	0.04304957	0.02288949
3/23/2023 10:41	0.04324281	0.04280093	0.02313527
3/23/2023 10:40	0.04316566	0.04267999	0.02353055
3/23/2023 10:39	0.044331	0.04259634	0.02392017
3/23/2023 10:38	0.04381608	0.04230622	0.02413813
3/23/2023 10:37	0.04297241	0.04214526	0.02453575
3/23/2023 10:36	0.04214057	0.04199364	0.02492831
3/23/2023 10:35	0.04207836	0.04190544	0.02531449

Downwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 10:34	0.04223397	0.04178245	0.02489526
3/23/2023 10:33	0.041263	0.04166907	0.02505463
3/23/2023 10:32	0.04164168	0.04167898	0.0253517
3/23/2023 10:31	0.04180782	0.04173066	0.02486457
3/23/2023 10:30	0.0436633	0.04157206	0.02502719
3/23/2023 10:29	0.04576837	0.04097099	0.0252621
3/23/2023 10:28	0.04107155	0.04052915	0.02549386
3/23/2023 10:27	0.04092097	0.04044156	0.02571331
3/23/2023 10:26	0.0407487	0.04041817	0.02607178
3/23/2023 10:25	0.04098736	0.04027079	0.02646333
3/23/2023 10:24	0.04048467	0.04017163	0.02691058
3/23/2023 10:23	0.04103487	0.03994865	0.02742462
3/23/2023 10:22	0.04077412	0.0397856	0.02779265
3/23/2023 10:21	0.03999382	0.03963406	0.02801372
3/23/2023 10:20	0.04002536	0.03955217	0.02829941
3/23/2023 10:19	0.0393004	0.03948301	0.02863447
3/23/2023 10:18	0.03928315	0.03954255	0.02880043
3/23/2023 10:17	0.03979734	0.03948638	0.02858004
3/23/2023 10:16	0.03964849	0.03938066	0.02856824
3/23/2023 10:15	0.04266758	0.03890136	0.02741999
3/23/2023 10:14	0.03720504	0.03871222	0.02731051
3/23/2023 10:13	0.03792683	0.03899166	0.02730822
3/23/2023 10:12	0.03845021	0.03920838	0.02722345
3/23/2023 10:11	0.03976294	0.03940567	0.02738751
3/23/2023 10:10	0.03709013	0.03923926	0.02750971
3/23/2023 10:09	0.03790507	0.03971166	0.0277142
3/23/2023 10:08	0.03816576	0.03999555	0.02748865
3/23/2023 10:07	0.03823821	0.04031152	0.02754541
3/23/2023 10:06	0.0383564	0.0408552	0.02762355
3/23/2023 10:05	0.04008974	0.04115416	0.02710257
3/23/2023 10:04	0.04203776	0.04108513	0.02563217
3/23/2023 10:03	0.04183417	0.04080968	0.02308951
3/23/2023 10:02	0.03993601	0.04076899	0.0217406
3/23/2023 10:01	0.03797709	0.04112487	0.02115303
3/23/2023 10:00	0.03891094	0.04180994	0.0207966
3/23/2023 9:59	0.040741	0.04252871	0.02059188
3/23/2023 9:58	0.04087816	0.04296027	0.0203815
3/23/2023 9:57	0.03893353	0.04079247	0.0200741
3/23/2023 9:56	0.06354287	0.04091443	0.01982064
3/23/2023 9:55	0.03787734	0.03890408	0.01938011
3/23/2023 9:54	0.03722215	0.03922263	0.01914076
3/23/2023 9:53	0.04055375	0.03954195	0.01882496
3/23/2023 9:52	0.03985105	0.03929622	0.01840755

Downwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 9:51	0.03952267	0.03925652	0.01787141
3/23/2023 9:50	0.04014277	0.03912846	0.01718597
3/23/2023 9:49	0.03898698	0.03902259	0.0167143
3/23/2023 9:48	0.03864311	0.03891732	0.01618397
3/23/2023 9:47	0.0413721	0.0389319	0.01550017
3/23/2023 9:46	0.03838448	0.03874067	0.01436531
3/23/2023 9:45	0.0380536	0.03891522	0.01382961
3/23/2023 9:44	0.04018913	0.03896432	0.01333946
3/23/2023 9:43	0.03810725	0.03890013	0.01284215
3/23/2023 9:42	0.04835143	0.0384038	0.01246142
3/23/2023 9:41	0.03789729	0.03725875	0.01201855
3/23/2023 9:40	0.03693023	0.03721512	0.01162407
3/23/2023 9:39	0.03780632	0.03725237	0.01118983
3/23/2023 9:38	0.04192967	0.03684626	0.01053004
3/23/2023 9:37	0.03835884	0.03623753	0.009293187
3/23/2023 9:36	0.03689834	0.03568815	0.00846551
3/23/2023 9:35	0.03642204	0.03539452	0.007475466
3/23/2023 9:34	0.03609928	0.03519295	0.007104985
3/23/2023 9:33	0.03610981	0.03502702	0.006818234
3/23/2023 9:32	0.03721409	0.03468246	0.006526536
3/23/2023 9:31	0.03469886	0.03454782	0.006293518
3/23/2023 9:30	0.03267727	0.03469992	0.006125942
3/23/2023 9:29	0.03199916	0.03514328	0.005997933
3/23/2023 9:28	0.03220804	0.03582554	0.005911882
3/23/2023 9:27	0.03495878	0.03641678	0.005721418
3/23/2023 9:26	0.03323707	0.03665544	0.004956419
3/23/2023 9:25	0.03216578	0.03750588	0.003556176
3/23/2023 9:24	0.0386705	0.03827352	0.003246534
3/23/2023 9:23	0.03890522	0.03829673	0.002934558
3/23/2023 9:22	0.03653577	0.03774797	0.00254146
3/23/2023 9:21	0.03642041	0.03775399	0.002198934
3/23/2023 9:20	0.03796521	0.03793686	0.002172163
3/23/2023 9:19	0.03709303	0.03791256	0.002066752
3/23/2023 9:18	0.03635511	0.03795801	0.002123733
3/23/2023 9:17	0.03757678	0.0383545	0.002173558
3/23/2023 9:16	0.03572394	0.0387033	0.002222708
3/23/2023 9:15	0.04133099	0.03876618	0.002301665
3/23/2023 9:14	0.03784823	0.03876455	0.002445581
3/23/2023 9:13	0.03793191	0.03896201	0.002407474
3/23/2023 9:12	0.03867942	0.03904127	0.002567848
3/23/2023 9:11	0.03800132	0.0392535	0.002738905
3/23/2023 9:10	0.03777383	0.0394745	0.002838057
3/23/2023 9:09	0.04387783	0.03883882	0.002359235

Downwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 9:08	0.03733319	0.03899048	0.002386436
3/23/2023 9:07	0.03389293	0.03938328	0.002492086
3/23/2023 9:06	0.03797484	0.04079048	0.002658095
3/23/2023 9:05	0.0400066	0.04119463	0.002733031
3/23/2023 9:04	0.03402316	0.04185086	0.002910432
3/23/2023 9:03	0.04525734	0.04269241	0.003104305
3/23/2023 9:02	0.04420057	0.0422195	0.003309169
3/23/2023 9:01	0.04332989	0.04180491	0.002946067
3/23/2023 9:00	0.04171484	0.04132262	0.003017087
3/23/2023 8:59	0.04417737	0.04142092	0.003218063
3/23/2023 8:58	0.04173949	0.04073234	0.00337913
3/23/2023 8:57	0.04059809	0.04058906	0.003608232
3/23/2023 8:56	0.03841894	0.04078811	0.003848582
3/23/2023 8:55	0.03924607	0.04099707	0.004095827
3/23/2023 8:54	0.03557924	0.04163541	0.004368661
3/23/2023 8:53	0.04059592	0.04247344	0.004254484
3/23/2023 8:52	0.04083543	0.04275668	0.000464569
3/23/2023 8:51	0.04070006	0.04321666	0.000495515
3/23/2023 8:50	0.04276621	0.04370214	0.00052911
3/23/2023 8:49	0.04252448	0.04356245	0.000564356
3/23/2023 8:48	0.04033793	0.04394462	0.000601951
3/23/2023 8:47	0.04375975	0.04453325	0.00064205
3/23/2023 8:46	0.04399024	0.04463894	0.000685583
3/23/2023 8:45	0.04302939	0.04481524	0.000654038
3/23/2023 8:44	0.04443015	0.04511663	0.000697606
3/23/2023 8:43	0.04498379	0.04542923	0.000744076
3/23/2023 8:42	0.04318951	0.04425537	4.10E-05
3/23/2023 8:41	0.04472256	0.04449009	3.07E-05
3/23/2023 8:40	0.0487816	0.04415542	3.28E-05
3/23/2023 8:39	0.04507598	0.04318533	3.50E-05
3/23/2023 8:38	0.04483591	0.04279598	3.73E-05
3/23/2023 8:37	0.04387749	0.04268495	3.98E-05
3/23/2023 8:36	0.04020436	0.04301608	1.90E-05
3/23/2023 8:35	0.03959887	0.04364006	2.03E-05
3/23/2023 8:34	0.04078595	0.04441218	2.16E-05
3/23/2023 8:33	0.0426789	0.04502316	2.31E-05
3/23/2023 8:32	0.04293036	0.04561202	2.46E-05
3/23/2023 8:31	0.04334742	0.04612956	2.62E-05
3/23/2023 8:30	0.04421579	0.04660683	0
3/23/2023 8:29	0.04561695	0.04707033	0
3/23/2023 8:28	0.04403809	0.04757188	0
3/23/2023 8:27	0.04466747	0.04826806	0
3/23/2023 8:26	0.04768439	0.04882997	0

Downwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 8:25	0.04716394	0.04895217	0
3/23/2023 8:24	0.04713469	0.04937109	0
3/23/2023 8:23	0.04877364	0.04985547	0
3/23/2023 8:22	0.04833513	0.05023101	0
3/23/2023 8:21	0.04939252	0.05003964	0
3/23/2023 8:20	0.04839962	0.05025247	0
3/23/2023 8:19	0.04814026	0.05068668	0
3/23/2023 8:18	0.04843047	0.05115656	0
3/23/2023 8:17	0.04796436	0.05180036	0
3/23/2023 8:16	0.04687597	0.05265091	0
3/23/2023 8:15	0.05003696	0.05332126	0
3/23/2023 8:14	0.04812323	0.05394301	0
3/23/2023 8:13	0.05232759	0.05473796	0
3/23/2023 8:12	0.04971135	0.05527003	0
3/23/2023 8:11	0.05274743	0.05624382	0
3/23/2023 8:10	0.05728113	0.05656585	0
3/23/2023 8:09	0.05382264	0.05661766	0
3/23/2023 8:08	0.0537194	0.05751829	0
3/23/2023 8:07	0.05284254	0.05837052	0
3/23/2023 8:06	0.05898499	0.05911345	0
3/23/2023 8:05	0.05857258	0.05929232	0
3/23/2023 8:04	0.06046522	0.05938452	0
3/23/2023 8:03	0.05900139	0.05926614	0
3/23/2023 8:02	0.06131338	0.05911756	0
3/23/2023 8:01	0.05703247	0.05896398	0
3/23/2023 8:00	0.05889742	0.0592419	0
3/23/2023 7:59	0.05823471	0.05935977	0
3/23/2023 7:58	0.05965047	0.05941611	0
3/23/2023 7:57	0.06105138	0.0594568	0
3/23/2023 7:56	0.06675225	0.05901355	0
3/23/2023 7:55	0.0568943	0.05754925	0
3/23/2023 7:54	0.05646145	0.05776999	0
3/23/2023 7:53	0.05958196	0.05773661	0
3/23/2023 7:52	0.05657817	0.05746923	0
3/23/2023 7:51	0.05771554	0.05772233	0
3/23/2023 7:50	0.06287606	0.05759141	0
3/23/2023 7:49	0.06258801	0.05653209	0
3/23/2023 7:48	0.05668699	0.0556072	0
3/23/2023 7:47	0.05867466	0.05514492	0
3/23/2023 7:46	0.05508386	0.05457407	0
3/23/2023 7:45	0.05544288	0.05452488	0
3/23/2023 7:44	0.05532947	0.0542862	0
3/23/2023 7:43	0.05633959	0.05414072	0

Downwind CAMP Data
March 23, 2023
Grand Union Hotel Bowling Alley Site
Site: C360222

Reading Date	Dust (mg/m3)	Dust - 15m Avg (mg/m3)	15m Ave VOC (ppm)
3/23/2023 7:42	0.05372871	0.05391935	0
3/23/2023 7:41	0.05542895	0.05382758	0
3/23/2023 7:40	0.05442507	0.05351955	0
3/23/2023 7:39	0.04937639	0.05348841	0
3/23/2023 7:38	0.05021388	0.05429792	0
3/23/2023 7:37	0.04963068	0.05511146	0
3/23/2023 7:36	0.04843523	0.05619511	0
3/23/2023 7:35	0.04736646	0.0579954	0
3/23/2023 7:34	0.05045459	0.06014341	0
3/23/2023 7:33	0.0493363	0.06224105	0
3/23/2023 7:32	0.05069411	0.06513214	0
3/23/2023 7:31	0.05014285	0.06819868	0
3/23/2023 7:30	0.05562765	0.07176957	0
3/23/2023 7:29	0.0540572	0.07562035	0
3/23/2023 7:28	0.05322278	0.080353	0
3/23/2023 7:27	0.05229973	0.08626353	0
3/23/2023 7:26	0.05116841	0.09345291	0
3/23/2023 7:25	0.05286604	0.1025225	0
3/23/2023 7:24	0.05347951	0.1133855	0
3/23/2023 7:23	0.05214849	0.1263161	0
3/23/2023 7:22	0.05066424	0.1421228	0

Table 1 - Summary of Analytical Groundwater Results
Grand Union Hotel Bowling Alley Site
BCP Site #C360222

	SAMPLE ID:	MW-9D				MW-6				MW-8D				MW-5				MW-7D			
	LAB ID:	L2317613-01				L2317613-02				L2317613-03				L2317613-04				L2317613-05			
	COLLECTION DATE:	4/3/2023				4/3/2023				4/4/2023				4/4/2023				4/4/2023			
	NY-AWQS																				
ANALYTE	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																					
Methylene chloride	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,1-Dichloroethane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Chloroform	7	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Carbon tetrachloride	5	ND		12	3.4	ND		0.5	0.13	ND		5	1.3	ND		2	0.54	ND		12	3.4
1,2-Dichloropropane	1	ND		25	3.4	ND		1	0.14	ND		10	1.4	ND		4	0.55	ND		25	3.4
Dibromochloromethane	50	ND		12	3.7	ND		0.5	0.15	ND		5	1.5	ND		2	0.6	ND		12	3.7
1,1,2-Trichloroethane	1	ND		38	12	ND		1.5	0.5	ND		15	5	ND		6	2	ND		38	12
Tetrachloroethene	5	4000		12	4.5	1.9		0.5	0.18	1400		5	1.8	470		2	0.72	3800		12	4.5
Chlorobenzene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Trichlorofluoromethane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,2-Dichloroethane	0.6	ND		12	3.3	ND		0.5	0.13	ND		5	1.3	ND		2	0.53	ND		12	3.3
1,1,1-Trichloroethane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Bromodichloromethane	50	ND		12	4.8	ND		0.5	0.19	ND		5	1.9	ND		2	0.77	ND		12	4.8
trans-1,3-Dichloropropene	0.4	ND		12	4.1	ND		0.5	0.16	ND		5	1.6	ND		2	0.66	ND		12	4.1
cis-1,3-Dichloropropene	0.4	ND		12	3.6	ND		0.5	0.14	ND		5	1.4	ND		2	0.58	ND		12	3.6
1,3-Dichloropropene, Total		ND		12	3.6	ND		0.5	0.14	ND		5	1.4	ND		2	0.58	ND		12	3.6
1,1-Dichloropropene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Bromoform	50	ND		50	16	ND		2	0.65	ND		20	6.5	ND		8	2.6	ND		50	16
1,1,2,2-Tetrachloroethane	5	ND		12	4.2	ND		0.5	0.17	ND		5	1.7	ND		2	0.67	ND		12	4.2
Benzene	1	ND		12	4	0.24	J	0.5	0.16	ND		5	1.6	ND		2	0.64	ND		12	4
Toluene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Ethylbenzene	5	ND		62	18	1.2	J	2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Chloromethane		ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Bromomethane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Vinyl chloride	2	ND		25	1.8	5.4		1	0.07	ND		10	0.71	ND		4	0.28	ND		25	1.8
Chloroethane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,1-Dichloroethene	5	ND		12	4.2	ND		0.5	0.17	ND		5	1.7	ND		2	0.68	ND		12	4.2
trans-1,2-Dichloroethene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Trichloroethene	5	730		12	4.4	1.6		0.5	0.18	250		5	1.8	92		2	0.7	620		12	4.4
1,2-Dichlorobenzene	3	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,3-Dichlorobenzene	3	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,4-Dichlorobenzene	3	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Methyl tert butyl ether	10	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
p/m-Xylene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
o-Xylene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Xylenes, Total		ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
cis-1,2-Dichloroethene	5	53	J	62	18	13		2.5	0.7	25		25	7	8.3	J	10	2.8	54	J	62	18
1,2-Dichloroethene, Total		53	J	62	18	13		2.5	0.7	25		25	7	8.3	J	10	2.8	54	J	62	18
Dibromomethane	5	ND		120	25	ND		5	1	ND		50	10	ND		20	4	ND		120	25
1,2,3-Trichloropropane	0.04	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Acrylonitrile	5	ND		120	38	ND		5	1.5	ND		50	15	ND		20	6	ND		120	38
Styrene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Dichlorodifluoromethane	5	ND		120	25	ND		5	1	ND		50	10	ND		20	4	ND		120	25
Acetone	50	ND		120	36	2.8	J	5	1.5	ND		50	15	ND		20	5.8	ND		120	36
Carbon disulfide	60	ND		120	25	ND		5	1	ND		50	10	ND		20	4	ND		120	25
2-Butanone	50	ND		120	48	ND		5	1.9	ND		50	19	ND		20	7.8	ND		120	48
Vinyl acetate		ND		120	25	ND		5	1	ND		50	10	ND		20	4	ND		120	25
4-Methyl-2-pentanone		ND		120	25	ND		5	1	ND		50	10	ND		20	4	ND		120	25
2-Hexanone	50	ND		120	25	ND		5	1	ND		50	10	ND		20	4	ND		120	25
Bromochloromethane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
2,2-Dichloropropane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,2-Dibromoethane	0.0006	ND		50	16	ND		2	0.65	ND		20	6.5	ND		8	2.6	ND		50	16
1,3-Dichloropropane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,1,1,2-Tetrachloroethane	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18

Table 1 - Summary of Analytical Groundwater Results
Grand Union Hotel Bowling Alley Site
BCP Site #C360222

	SAMPLE ID:	MW-9D				MW-6				MW-8D				MW-5				MW-7D			
	LAB ID:	L2317613-01				L2317613-02				L2317613-03				L2317613-04				L2317613-05			
	COLLECTION DATE:	4/3/2023				4/3/2023				4/4/2023				4/4/2023				4/4/2023			
	NY-AWQS																				
ANALYTE	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Bromobenzene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
n-Butylbenzene	5	ND		62	18	1.2	J	2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
sec-Butylbenzene	5	ND		62	18	7.7		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
tert-Butylbenzene	5	ND		62	18	1	J	2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
o-Chlorotoluene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
p-Chlorotoluene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,2-Dibromo-3-chloropropane	0.04	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Hexachlorobutadiene	0.5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Isopropylbenzene	5	ND		62	18	4.6		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
p-Isopropyltoluene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Naphthalene	10	ND		62	18	12		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
n-Propylbenzene	5	ND		62	18	4.4		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,2,3-Trichlorobenzene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,2,4-Trichlorobenzene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,3,5-Trimethylbenzene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,2,4-Trimethylbenzene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
1,4-Dioxane		ND		6200	1500	ND		250	61	ND		2500	610	ND		1000	240	ND		6200	1500
p-Diethylbenzene		ND		50	18	5.1		2	0.7	ND		20	7	ND		8	2.8	ND		50	18
p-Ethyltoluene		ND		50	18	ND		2	0.7	ND		20	7	ND		8	2.8	ND		50	18
1,2,4,5-Tetramethylbenzene	5	ND		50	14	16		2	0.54	ND		20	5.4	ND		8	2.2	ND		50	14
Ethyl ether		ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
trans-1,4-Dichloro-2-butene	5	ND		62	18	ND		2.5	0.7	ND		25	7	ND		10	2.8	ND		62	18
Total VOCs		4783	-	-	-	78.14	-	-	-	1675	-	-	-	570.3	-	-	-	4474	-	-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																					
Perfluorobutanoic Acid (PFBA)		0.00762		0.00586	0.000938	0.004	J	0.008	0.00128	0.00885		0.00738	0.00118	0.0107		0.00811	0.0013	0.011		0.00735	0.00118
Perfluoropentanoic Acid (PFPeA)		0.0124		0.00293	0.000784	0.0083		0.004	0.00107	0.0136		0.00369	0.000987	0.0154		0.00406	0.00108	0.0255		0.00367	0.000983
Perfluorobutanesulfonic Acid (PFBS)		0.00748		0.00146	0.000491	0.0039		0.002	0.00067	0.00719		0.00184	0.000618	0.00912		0.00203	0.000679	0.00726		0.00184	0.000615
Perfluorohexanoic Acid (PFHxA)		0.0111		0.00146	0.000432	0.0064		0.002	0.00059	0.0122		0.00184	0.000544	0.0114		0.00203	0.000598	0.0212		0.00184	0.000542
Perfluoroheptanoic Acid (PFHpA)		0.00858		0.00146	0.000293	0.0045		0.002	0.0004	0.00858		0.00184	0.000369	0.0072		0.00203	0.000406	0.0172		0.00184	0.000367
Perfluorohexanesulfonic Acid (PFHxS)		0.00711		0.00146	0.000352	0.003		0.002	0.00048	0.0048		0.00184	0.000443	0.00294		0.00203	0.000487	0.00597		0.00184	0.000441
Perfluorooctanoic Acid (PFOA)	0.0067	0.0259		0.00146	0.000638	0.0183		0.002	0.00087	0.0215		0.00184	0.000802	0.0126		0.00203	0.000882	0.0371		0.00184	0.000799
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)		0.0135		0.00586	0.00198	ND		0.008	0.0027	0.0154		0.00738	0.00249	0.00416	J	0.00811	0.00274	0.00285	J	0.00735	0.00248
Perfluoroheptanesulfonic Acid (PFHpS)		0.00066	J	0.00146	0.000396	ND		0.002	0.00054	ND		0.00184	0.000498	ND		0.00203	0.000548	ND		0.00184	0.000496
Perfluorononanoic Acid (PFNA)		0.00205		0.00146	0.000462	0.0017	J	0.002	0.00063	0.00111	J	0.00184	0.000581	0.00071	J	0.00203	0.000639	0.00184		0.00184	0.000579
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0138		0.00146	0.000667	0.0169		0.002	0.00091	0.0173		0.00184	0.000839	0.00517		0.00203	0.000923	0.0172		0.00184	0.000836
Perfluorodecanoic Acid (PFDA)		ND		0.00146	0.000594	0.0012	J	0.002	0.00081	ND		0.00184	0.000747	ND		0.00203	0.000821	ND		0.00184	0.000744
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)		ND		0.00586	0.00228	ND		0.008	0.00311	ND		0.00738	0.00287	ND		0.00811	0.00315	ND		0.00735	0.00286
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)		0.00139	J	0.00146	0.000799	ND		0.002	0.00109	0.00129	JF	0.00184	0.001	ND		0.00203	0.0011	0.0011	JF	0.00184	0.001
Perfluoroundecanoic Acid (PFUnA)		ND		0.00146	0.000638	ND		0.002	0.00087	ND		0.00184	0.000802	ND		0.00203	0.000882	ND		0.00184	0.000799
Perfluorodecanesulfonic Acid (PFDS)		ND		0.00146	0.000337	ND		0.002	0.00046	ND		0.00184	0.000424	ND		0.00203	0.000466	ND		0.00184	0.000422
Perfluorooctanesulfonamide (PFOSA)		ND		0.00146	0.000396	ND		0.002	0.00054	ND		0.00184	0.000498	ND		0.00203	0.000548	ND		0.00184	0.000496
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)		ND		0.00146	0.000792	ND		0.002	0.00108	ND		0.00184	0.000996	ND		0.00203	0.0011	ND		0.00184	0.000992
Perfluorododecanoic Acid (PFDoA)		ND		0.00146	0.000674	ND		0.002	0.00092	ND		0.00184	0.000848	ND		0.00203	0.000933	ND		0.00184	0.000845
Perfluorotridecanoic Acid (PFTTrDA)		ND		0.00146	0.00055	ND		0.002	0.00075	ND		0.00184	0.000692	ND		0.00203	0.00076	ND		0.00184	0.000689
Perfluorotetradecanoic Acid (PFTeDA)		ND		0.00146	0.000388	ND		0.002	0.00053	ND		0.00184	0.000489	ND		0.00203	0.000537	ND		0.00184	0.000487
PFOA/PFOS, Total		0.0397		0.00146	0.000638	0.0352		0.002	0.00087	0.0388		0.00184	0.000802	0.0178		0.00203	0.000882	0.0543		0.00184	0.000799
SEMIVOLATILE ORGANICS BY GC/MS																					
1,2,4-Trichlorobenzene	5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Bis(2-chloroethyl)ether	1	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
1,2-Dichlorobenzene	3	ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45
1,3-Dichlorobenzene	3	ND		2	0.4	ND		2	0.4	ND		2	0.4	ND		2	0.4	ND		2	0.4
1,4-Dichlorobenzene	3	ND		2	0.43	ND		2	0.43	ND		2	0.43	ND		2	0.43	ND		2	0.43
3,3'-Dichlorobenzidine	5	ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6
2,4-Dinitrotoluene	5	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	5	ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93

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Grand Union Hotel Bowling Alley Site
BCP Site #C360222

	SAMPLE ID:	MW-9D				MW-6				MW-8D				MW-5				MW-7D			
	LAB ID:	L2317613-01				L2317613-02				L2317613-03				L2317613-04				L2317613-05			
	COLLECTION DATE:	4/3/2023				4/3/2023				4/4/2023				4/4/2023				4/4/2023			
	NY-AWQS																				
ANALYTE	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Acenaphthene	20	ND		0.1	0.01	3.8		0.1	0.01	0.04	J	0.1	0.01	0.02	J	0.1	0.01	ND		0.1	0.01
2-Chloronaphthalene	10	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02
Fluoranthene	50	ND		0.1	0.02	0.81		0.1	0.02	0.07	J	0.1	0.02	0.05	J	0.1	0.02	0.03	J	0.1	0.02
Hexachlorobutadiene	0.5	ND		0.5	0.05	ND		0.5	0.05	ND		0.5	0.05	ND		0.5	0.05	ND		0.5	0.05
Naphthalene	10	0.05	J	0.1	0.05	0.97		0.1	0.05	0.21		0.1	0.05	ND		0.1	0.05	ND		0.1	0.05
Benzo(a)anthracene	0.002	ND		0.1	0.02	0.2		0.1	0.02	0.04	J	0.1	0.02	0.03	J	0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	0	ND		0.1	0.02	0.16		0.1	0.02	0.03	J	0.1	0.02	0.03	J	0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	0.002	ND		0.1	0.01	0.22		0.1	0.01	0.04	J	0.1	0.01	0.04	J	0.1	0.01	ND		0.1	0.01
Benzo(k)fluoranthene	0.002	ND		0.1	0.01	0.08	J	0.1	0.01	0.02	J	0.1	0.01	0.02	J	0.1	0.01	ND		0.1	0.01
Chrysene	0.002	ND		0.1	0.01	0.26		0.1	0.01	0.03	J	0.1	0.01	0.03	J	0.1	0.01	ND		0.1	0.01
Acenaphthylene		ND		0.1	0.01	1.6		0.1	0.01	ND		0.1	0.01	0.01	J	0.1	0.01	0.05	J	0.1	0.01
Anthracene	50	ND		0.1	0.01	ND		0.1	0.01	0.04	J	0.1	0.01	ND		0.1	0.01	0.03	J	0.1	0.01
Benzo(ghi)perylene		ND		0.1	0.01	0.13		0.1	0.01	0.03	J	0.1	0.01	0.03	J	0.1	0.01	ND		0.1	0.01
Fluorene	50	ND		0.1	0.01	6.9		0.1	0.01	0.05	J	0.1	0.01	0.05	J	0.1	0.01	0.05	J	0.1	0.01
Phenanthrene	50	ND		0.1	0.02	8.8		0.1	0.02	0.14		0.1	0.02	0.12		0.1	0.02	0.11		0.1	0.02
Dibenzo(a,h)anthracene		ND		0.1	0.01	0.03	J	0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Indeno(1,2,3-cd)pyrene	0.002	ND		0.1	0.01	0.13		0.1	0.01	0.03	J	0.1	0.01	0.03	J	0.1	0.01	ND		0.1	0.01
Pyrene	50	ND		0.1	0.02	2		0.1	0.02	0.08	J	0.1	0.02	0.05	J	0.1	0.02	0.03	J	0.1	0.02
2-Methylnaphthalene		ND		0.1	0.02	1.5		0.1	0.02	0.14		0.1	0.02	0.03	J	0.1	0.02	ND		0.1	0.02
Pentachlorophenol	1	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Hexachlorobenzene	0.04	ND		0.8	0.01	ND		0.8	0.01	0.02	J	0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Hexachloroethane	5	ND		0.8	0.06	ND		0.8	0.06	ND		0.8	0.06	ND		0.8	0.06	ND		0.8	0.06
Total SVOCs		0.05	-	-	-	27.59	-	-	-	1.01	-	-	-	0.54	-	-	-	0.3	-	-	-
TOTAL METALS																					
Aluminum, Total		133		10	3.27	3500		10	3.27	723		10	3.27	2980		10	3.27	335		10	3.27
Antimony, Total	3	ND		4	0.42	ND		4	0.42	ND		4	0.42	ND		4	0.42	ND		4	0.42
Arsenic, Total	25	0.23	J	0.5	0.16	2.21		0.5	0.16	0.58		0.5	0.16	1.37		0.5	0.16	0.2	J	0.5	0.16
Barium, Total	1000	413.1		0.5	0.17	180		0.5	0.17	42.69		0.5	0.17	142		0.5	0.17	324.5		0.5	0.17
Beryllium, Total	3	ND		0.5	0.1	0.19	J	0.5	0.1	ND		0.5	0.1	0.13	J	0.5	0.1	ND		0.5	0.1
Cadmium, Total	5	ND		0.2	0.05	0.06	J	0.2	0.05	0.07	J	0.2	0.05	0.37		0.2	0.05	ND		0.2	0.05
Calcium, Total		144000		100	39.4	89200		100	39.4	92400		100	39.4	57900		100	39.4	123000		100	39.4
Chromium, Total	50	0.44	J	1	0.17	6.66		1	0.17	2.93		1	0.17	6.37		1	0.17	1.41		1	0.17
Cobalt, Total		4.38		0.5	0.16	5.31		0.5	0.16	2.11		0.5	0.16	5.85		0.5	0.16	5.27		0.5	0.16
Copper, Total	200	0.84	J	1	0.38	19.76		1	0.38	4.83		1	0.38	28.22		1	0.38	3.17		1	0.38
Iron, Total	300	1230		50	19.1	8570		50	19.1	2520		50	19.1	4380		50	19.1	691		50	19.1
Lead, Total	25	0.38	J	1	0.34	38.85		1	0.34	2.99		1	0.34	38.28		1	0.34	1.23		1	0.34
Magnesium, Total	35000	38300		70	24.2	28600		70	24.2	27000		70	24.2	13100		70	24.2	38600		70	24.2
Manganese, Total	300	3212		1	0.44	766.4		1	0.44	690.9		1	0.44	837.6		1	0.44	3586		1	0.44
Mercury, Total	0.7	ND		0.2	0.09	ND		0.2	0.09	ND		0.2	0.09	0.16	J	0.2	0.09	ND		0.2	0.09
Nickel, Total	100	1.7	J	2	0.55	10.1		2	0.55	4.63		2	0.55	13.16		2	0.55	5.12		2	0.55
Potassium, Total		8740		100	30.9	11400		100	30.9	7760		100	30.9	9900		100	30.9	8230		100	30.9
Selenium, Total	10	ND		5	1.73	2.13	J	5	1.73	ND		5	1.73	2.83	J	5	1.73	ND		5	1.73
Silver, Total	50	ND		0.4	0.16	ND		0.4	0.16	ND		0.4	0.16	ND		0.4	0.16	ND		0.4	0.16
Sodium, Total	20000	59100		100	29.3	158000		100	29.3	179000		100	29.3	217000		100	29.3	71600		100	29.3
Thallium, Total	0.5	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
Vanadium, Total		ND		5	1.57	7.85		5	1.57	1.74	J	5	1.57	5.74		5	1.57	ND		5	1.57
Zinc, Total	2000	ND		10	3.41	32.67		10	3.41	9.45	J	10	3.41	103.3		10	3.41	6.9	J	10	3.41

NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

Highlighted concentration exceeds NYSDEC-AWQS

Reporting limit exceeds the NYSDEC AWQS

J - Presumptive evidence of the compound

Table 1 - Summary of Analytical Groundwater Results
Grand Union Hotel Bowling Alley Site
BCP Site #C360222

	SAMPLE ID:	DUP 1				FIELD BLANK				TRIP BLANK				FIELD BLANK			
	LAB ID:	L2317613-10				L2317613-06				L2317613-07				L2317613-08			
	COLLECTION DATE:	4/4/2023				4/3/2023				4/3/2023				4/4/2023			
	NY-AWQS																
ANALYTE	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																	
Methylene chloride	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
1,1-Dichloroethane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Chloroform	7	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Carbon tetrachloride	5	ND		25	6.7	-		-	-	ND	0.5	0.13		-		-	-
1,2-Dichloropropane	1	ND		50	6.8	-		-	-	ND	1	0.14		-		-	-
Dibromochloromethane	50	ND		25	7.4	-		-	-	ND	0.5	0.15		-		-	-
1,1,2-Trichloroethane	1	ND		75	25	-		-	-	ND	1.5	0.5		-		-	-
Tetrachloroethene	5	3400		25	9	-		-	-	ND	0.5	0.18		-		-	-
Chlorobenzene	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Trichlorofluoromethane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
1,2-Dichloroethane	0.6	ND		25	6.6	-		-	-	ND	0.5	0.13		-		-	-
1,1,1-Trichloroethane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Bromodichloromethane	50	ND		25	9.6	-		-	-	ND	0.5	0.19		-		-	-
trans-1,3-Dichloropropene	0.4	ND		25	8.2	-		-	-	ND	0.5	0.16		-		-	-
cis-1,3-Dichloropropene	0.4	ND		25	7.2	-		-	-	ND	0.5	0.14		-		-	-
1,3-Dichloropropene, Total		ND		25	7.2	-		-	-	ND	0.5	0.14		-		-	-
1,1-Dichloropropene	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Bromoform	50	ND		100	32	-		-	-	ND	2	0.65		-		-	-
1,1,2,2-Tetrachloroethane	5	ND		25	8.4	-		-	-	ND	0.5	0.17		-		-	-
Benzene	1	ND		25	8	-		-	-	ND	0.5	0.16		-		-	-
Toluene	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Ethylbenzene	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Chloromethane		ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Bromomethane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Vinyl chloride	2	ND		50	3.6	-		-	-	0.22	J	1	0.07	-		-	-
Chloroethane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
1,1-Dichloroethene	5	ND		25	8.4	-		-	-	ND	0.5	0.17		-		-	-
trans-1,2-Dichloroethene	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Trichloroethene	5	600		25	8.8	-		-	-	ND	0.5	0.18		-		-	-
1,2-Dichlorobenzene	3	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
1,3-Dichlorobenzene	3	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
1,4-Dichlorobenzene	3	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Methyl tert butyl ether	10	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
p/m-Xylene	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
o-Xylene	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Xylenes, Total		ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
cis-1,2-Dichloroethene	5	55	J	120	35	-		-	-	ND	2.5	0.7		-		-	-
1,2-Dichloroethene, Total		55	J	120	35	-		-	-	ND	2.5	0.7		-		-	-
Dibromomethane	5	ND		250	50	-		-	-	ND	5	1		-		-	-
1,2,3-Trichloropropane	0.04	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Acrylonitrile	5	ND		250	75	-		-	-	ND	5	1.5		-		-	-
Styrene	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
Dichlorodifluoromethane	5	ND		250	50	-		-	-	ND	5	1		-		-	-
Acetone	50	ND		250	73	-		-	-	ND	5	1.5		-		-	-
Carbon disulfide	60	ND		250	50	-		-	-	ND	5	1		-		-	-
2-Butanone	50	ND		250	97	-		-	-	ND	5	1.9		-		-	-
Vinyl acetate		ND		250	50	-		-	-	ND	5	1		-		-	-
4-Methyl-2-pentanone		ND		250	50	-		-	-	ND	5	1		-		-	-
2-Hexanone	50	ND		250	50	-		-	-	ND	5	1		-		-	-
Bromochloromethane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
2,2-Dichloropropane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
1,2-Dibromoethane	0.0006	ND		100	32	-		-	-	ND	2	0.65		-		-	-
1,3-Dichloropropane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-
1,1,1,2-Tetrachloroethane	5	ND		120	35	-		-	-	ND	2.5	0.7		-		-	-

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	SAMPLE ID:	DUP 1				FIELD BLANK				TRIP BLANK				FIELD BLANK			
	LAB ID:	L2317613-10				L2317613-06				L2317613-07				L2317613-08			
	COLLECTION DATE:	4/4/2023				4/3/2023				4/3/2023				4/4/2023			
	NY-AWQS																
ANALYTE	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Bromobenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
n-Butylbenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
sec-Butylbenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
tert-Butylbenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
o-Chlorotoluene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
p-Chlorotoluene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
1,2-Dibromo-3-chloropropane	0.04	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
Hexachlorobutadiene	0.5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
Isopropylbenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
p-Isopropyltoluene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
Naphthalene	10	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
n-Propylbenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
1,2,3-Trichlorobenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
1,2,4-Trichlorobenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
1,3,5-Trimethylbenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
1,2,4-Trimethylbenzene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
1,4-Dioxane		ND		12000	3000	-		-	-	ND		250	61	-		-	-
p-Diethylbenzene		ND		100	35	-		-	-	ND		2	0.7	-		-	-
p-Ethyltoluene		ND		100	35	-		-	-	ND		2	0.7	-		-	-
1,2,4,5-Tetramethylbenzene	5	ND		100	27	-		-	-	ND		2	0.54	-		-	-
Ethyl ether		ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
trans-1,4-Dichloro-2-butene	5	ND		120	35	-		-	-	ND		2.5	0.7	-		-	-
Total VOCs		4055	-	-	-	-	-	-	-	0.22	-	-	-	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633																	
Perfluorobutanoic Acid (PFBA)		0.0115		0.00696	0.00111	ND		0.00588	0.000941	-		-	-	ND		0.00567	0.000908
Perfluoropentanoic Acid (PFPeA)		0.0249		0.00348	0.000931	ND		0.00294	0.000786	-		-	-	ND		0.00284	0.000759
Perfluorobutanesulfonic Acid (PFBS)		0.00766		0.00174	0.000583	ND		0.00147	0.000492	-		-	-	ND		0.00142	0.000475
Perfluorohexanoic Acid (PFHxA)		0.0209		0.00174	0.000514	ND		0.00147	0.000434	-		-	-	ND		0.00142	0.000418
Perfluoroheptanoic Acid (PFHpA)		0.0166		0.00174	0.000348	ND		0.00147	0.000294	-		-	-	ND		0.00142	0.000284
Perfluorohexanesulfonic Acid (PFHxS)		0.00592		0.00174	0.000418	ND		0.00147	0.000353	-		-	-	ND		0.00142	0.00034
Perfluorooctanoic Acid (PFOA)	0.0067	0.039		0.00174	0.000757	ND		0.00147	0.000639	-		-	-	ND		0.00142	0.000617
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)		0.00426	J	0.00696	0.00235	ND		0.00588	0.00198	-		-	-	ND		0.00567	0.00191
Perfluoroheptanesulfonic Acid (PFHpS)		0.000522	J	0.00174	0.00047	ND		0.00147	0.000397	-		-	-	ND		0.00142	0.000383
Perfluorononanoic Acid (PFNA)		0.00183		0.00174	0.000548	ND		0.00147	0.000463	-		-	-	ND		0.00142	0.000447
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0167		0.00174	0.000792	ND		0.00147	0.000669	-		-	-	ND		0.00142	0.000645
Perfluorodecanoic Acid (PFDA)		ND		0.00174	0.000705	ND		0.00147	0.000595	-		-	-	ND		0.00142	0.000574
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)		ND		0.00696	0.00271	ND		0.00588	0.00228	-		-	-	ND		0.00567	0.0022
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)		0.00209		0.00174	0.000949	ND		0.00147	0.000801	-		-	-	ND		0.00142	0.000773
Perfluoroundecanoic Acid (PFUnA)		ND		0.00174	0.000757	ND		0.00147	0.000639	-		-	-	ND		0.00142	0.000617
Perfluorodecanesulfonic Acid (PFDS)		ND		0.00174	0.0004	ND		0.00147	0.000338	-		-	-	ND		0.00142	0.000326
Perfluorooctanesulfonamide (PFOSA)		ND		0.00174	0.00047	ND		0.00147	0.000397	-		-	-	ND		0.00142	0.000383
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)		ND		0.00174	0.00094	ND		0.00147	0.000794	-		-	-	ND		0.00142	0.000766
Perfluorododecanoic Acid (PFDoA)		ND		0.00174	0.000801	ND		0.00147	0.000676	-		-	-	ND		0.00142	0.000652
Perfluorotridecanoic Acid (PFTTrDA)		ND		0.00174	0.000653	ND		0.00147	0.000551	-		-	-	ND		0.00142	0.000532
Perfluorotetradecanoic Acid (PFTeDA)		ND		0.00174	0.000461	ND		0.00147	0.000389	-		-	-	ND		0.00142	0.000376
PFOA/PFOS, Total		0.0557		0.00174	0.000757	ND		0.00147	0.000639	-		-	-	ND		0.00142	0.000617
SEMIVOLATILE ORGANICS BY GC/MS																	
1,2,4-Trichlorobenzene	5	ND		5	0.5	-		-	-	-		-	-	-		-	-
Bis(2-chloroethyl)ether	1	ND		2	0.5	-		-	-	-		-	-	-		-	-
1,2-Dichlorobenzene	3	ND		2	0.45	-		-	-	-		-	-	-		-	-
1,3-Dichlorobenzene	3	ND		2	0.4	-		-	-	-		-	-	-		-	-
1,4-Dichlorobenzene	3	ND		2	0.43	-		-	-	-		-	-	-		-	-
3,3'-Dichlorobenzidine	5	ND		5	1.6	-		-	-	-		-	-	-		-	-
2,4-Dinitrotoluene	5	ND		5	1.2	-		-	-	-		-	-	-		-	-
2,6-Dinitrotoluene	5	ND		5	0.93	-		-	-	-		-	-	-		-	-

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	COLLECTION DATE:	4/4/2023				4/3/2023				4/3/2023				4/4/2023			
	NY-AWQS																
ANALYTE	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Acenaphthene	20	ND		0.1	0.01	-		-	-	-		-	-	-		-	-
2-Chloronaphthalene	10	ND		0.2	0.02	-		-	-	-		-	-	-		-	-
Fluoranthene	50	0.04	J	0.1	0.02	-		-	-	-		-	-	-		-	-
Hexachlorobutadiene	0.5	ND		0.5	0.05	-		-	-	-		-	-	-		-	-
Naphthalene	10	ND		0.1	0.05	-		-	-	-		-	-	-		-	-
Benzo(a)anthracene	0.002	ND		0.1	0.02	-		-	-	-		-	-	-		-	-
Benzo(a)pyrene	0	ND		0.1	0.02	-		-	-	-		-	-	-		-	-
Benzo(b)fluoranthene	0.002	ND		0.1	0.01	-		-	-	-		-	-	-		-	-
Benzo(k)fluoranthene	0.002	ND		0.1	0.01	-		-	-	-		-	-	-		-	-
Chrysene	0.002	ND		0.1	0.01	-		-	-	-		-	-	-		-	-
Acenaphthylene		0.05	J	0.1	0.01	-		-	-	-		-	-	-		-	-
Anthracene	50	0.03	J	0.1	0.01	-		-	-	-		-	-	-		-	-
Benzo(ghi)perylene		ND		0.1	0.01	-		-	-	-		-	-	-		-	-
Fluorene	50	0.05	J	0.1	0.01	-		-	-	-		-	-	-		-	-
Phenanthrene	50	0.11		0.1	0.02	-		-	-	-		-	-	-		-	-
Dibenzo(a,h)anthracene		ND		0.1	0.01	-		-	-	-		-	-	-		-	-
Indeno(1,2,3-cd)pyrene	0.002	ND		0.1	0.01	-		-	-	-		-	-	-		-	-
Pyrene	50	0.03	J	0.1	0.02	-		-	-	-		-	-	-		-	-
2-Methylnaphthalene		ND		0.1	0.02	-		-	-	-		-	-	-		-	-
Pentachlorophenol	1	ND		0.8	0.01	-		-	-	-		-	-	-		-	-
Hexachlorobenzene	0.04	ND		0.8	0.01	-		-	-	-		-	-	-		-	-
Hexachloroethane	5	ND		0.8	0.06	-		-	-	-		-	-	-		-	-
Total SVOCs		0.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL METALS																	
Aluminum, Total		255		10	3.27	-		-	-	-		-	-	-		-	-
Antimony, Total	3	ND		4	0.42	-		-	-	-		-	-	-		-	-
Arsenic, Total	25	0.19	J	0.5	0.16	-		-	-	-		-	-	-		-	-
Barium, Total	1000	333.4		0.5	0.17	-		-	-	-		-	-	-		-	-
Beryllium, Total	3	ND		0.5	0.1	-		-	-	-		-	-	-		-	-
Cadmium, Total	5	ND		0.2	0.05	-		-	-	-		-	-	-		-	-
Calcium, Total		126000		100	39.4	-		-	-	-		-	-	-		-	-
Chromium, Total	50	1.37		1	0.17	-		-	-	-		-	-	-		-	-
Cobalt, Total		5.66		0.5	0.16	-		-	-	-		-	-	-		-	-
Copper, Total	200	2.97		1	0.38	-		-	-	-		-	-	-		-	-
Iron, Total	300	555		50	19.1	-		-	-	-		-	-	-		-	-
Lead, Total	25	1.07		1	0.34	-		-	-	-		-	-	-		-	-
Magnesium, Total	35000	39300		70	24.2	-		-	-	-		-	-	-		-	-
Manganese, Total	300	3666		1	0.44	-		-	-	-		-	-	-		-	-
Mercury, Total	0.7	ND		0.2	0.09	-		-	-	-		-	-	-		-	-
Nickel, Total	100	5.05		2	0.55	-		-	-	-		-	-	-		-	-
Potassium, Total		8360		100	30.9	-		-	-	-		-	-	-		-	-
Selenium, Total	10	ND		5	1.73	-		-	-	-		-	-	-		-	-
Silver, Total	50	ND		0.4	0.16	-		-	-	-		-	-	-		-	-
Sodium, Total	20000	74600		100	29.3	-		-	-	-		-	-	-		-	-
Thallium, Total	0.5	ND		1	0.14	-		-	-	-		-	-	-		-	-
Vanadium, Total		ND		5	1.57	-		-	-	-		-	-	-		-	-
Zinc, Total	2000	7.06	J	10	3.41	-		-	-	-		-	-	-		-	-

NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all ε

Highlighted concentration exceeds NYSDEC-AWQS
Reporting limit exceeds the NYSDEC AWQS

J - Presumptive evidence of the compound

Attachment D:
Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L2317613
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Jonathan Stuart
Phone:	(973) 808-9050
Project Name:	150 WESTCHESTER AVE
Project Number:	11895
Report Date:	04/25/23

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

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

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



Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2317613-01	MW-9D	WATER	PORT CHESTER, NY	04/03/23 10:05	04/04/23
L2317613-02	MW-6	WATER	PORT CHESTER, NY	04/03/23 11:50	04/04/23
L2317613-03	MW-8D	WATER	PORT CHESTER, NY	04/04/23 10:10	04/04/23
L2317613-04	MW-5	WATER	PORT CHESTER, NY	04/04/23 09:15	04/04/23
L2317613-05	MW-7D	WATER	PORT CHESTER, NY	04/04/23 12:25	04/04/23
L2317613-06	FIELD BLANK	WATER	PORT CHESTER, NY	04/03/23 16:00	04/04/23
L2317613-07	TRIP BLANK	WATER	PORT CHESTER, NY	04/03/23 00:00	04/04/23
L2317613-08	FIELD BLANK	WATER	PORT CHESTER, NY	04/04/23 14:00	04/04/23
L2317613-09	TRIP BLANK	WATER	PORT CHESTER, NY	04/04/23 00:00	04/04/23
L2317613-10	DUP 1	WATER	PORT CHESTER, NY	04/04/23 00:00	04/04/23

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

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: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Case Narrative (continued)

Report Submission

April 25, 2023: This final report includes the results of all requested analyses.

April 11, 2023: This is a preliminary report.

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

Sample Receipt

L2317613-03: The collection date and time on the chain of custody was 04-APR-23 13:10; however, the collection date/time on the container label was 04-APR-23 10:10. At the client's request, the collection date/time is reported as 04-APR-23 10:10.

L2317613-05: The sample identified as "MW-7D" on the chain of custody was identified as "MW-5" on the container label. At the client's request, the sample is reported as "MW-7D".

L2317613-06 and -08: At the client's request, the Field Blank was analyzed for NY PFAAs via LCMSMS-Isotope Dilution.

L2317613-07 and -09: At the client's request, only one Trip Blank (L2317613-07) was analyzed. The Trip Blanks were transported from the service center to the laboratory on 04/05/23.

L2317613-09: One container was received broken.

L2317613-10: A sample identified as "DUP 1" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Semivolatile Organics

The WG1763460-1 Method Blank, associated with L2317613-01 and -02, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

The WG1764202-1 Method Blank, associated with L2317613-03, -04, -05, and -10, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

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: 04/25/23

ORGANICS

VOLATILES

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-01 D

Date Collected: 04/03/23 10:05

Client ID: MW-9D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 04/08/23 01:42

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	4000		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
1,3-Dichloropropene, Total	ND		ug/l	12	3.6	25
1,1-Dichloropropene	ND		ug/l	62	18.	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	ND		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	ND		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	ND		ug/l	12	4.2	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-01 D

Date Collected: 04/03/23 10:05

Client ID: MW-9D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	730		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
Xylenes, Total	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	53	J	ug/l	62	18.	25
1,2-Dichloroethene, Total	53	J	ug/l	62	18.	25
Dibromomethane	ND		ug/l	120	25.	25
1,2,3-Trichloropropane	ND		ug/l	62	18.	25
Acrylonitrile	ND		ug/l	120	38.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
Vinyl acetate	ND		ug/l	120	25.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
2,2-Dichloropropane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,3-Dichloropropane	ND		ug/l	62	18.	25
1,1,1,2-Tetrachloroethane	ND		ug/l	62	18.	25
Bromobenzene	ND		ug/l	62	18.	25
n-Butylbenzene	ND		ug/l	62	18.	25
sec-Butylbenzene	ND		ug/l	62	18.	25
tert-Butylbenzene	ND		ug/l	62	18.	25
o-Chlorotoluene	ND		ug/l	62	18.	25
p-Chlorotoluene	ND		ug/l	62	18.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Hexachlorobutadiene	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
p-Isopropyltoluene	ND		ug/l	62	18.	25
Naphthalene	ND		ug/l	62	18.	25

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-01 D

Date Collected: 04/03/23 10:05

Client ID: MW-9D

Date Received: 04/04/23

Sample Location: PORT CHESTER, 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	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
1,3,5-Trimethylbenzene	ND		ug/l	62	18.	25
1,2,4-Trimethylbenzene	ND		ug/l	62	18.	25
1,4-Dioxane	ND		ug/l	6200	1500	25
p-Diethylbenzene	ND		ug/l	50	18.	25
p-Ethyltoluene	ND		ug/l	50	18.	25
1,2,4,5-Tetramethylbenzene	ND		ug/l	50	14.	25
Ethyl ether	ND		ug/l	62	18.	25
trans-1,4-Dichloro-2-butene	ND		ug/l	62	18.	25

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	25
-------------------------------------	----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-02
 Client ID: MW-6
 Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 11:50
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/07/23 14:00
 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	1.9		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	0.24	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	1.2	J	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	5.4		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: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-02

Date Collected: 04/03/23 11:50

Client ID: MW-6

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.6		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	13		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	13		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	2.8	J	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	1.2	J	ug/l	2.5	0.70	1
sec-Butylbenzene	7.7		ug/l	2.5	0.70	1
tert-Butylbenzene	1.0	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	4.6		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	12		ug/l	2.5	0.70	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-02**Date Collected:** 04/03/23 11:50**Client ID:** MW-6**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	4.4		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	5.1		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	16		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

Tentatively Identified Compounds

Total TIC Compounds	251	J	ug/l	1
Unknown Aromatic	24.3	J	ug/l	1
Unknown Aromatic	8.34	J	ug/l	1
Unknown	16.2	J	ug/l	1
Benzene, 1-ethenyl-2-methyl-	18.3	NJ	ug/l	1
Unknown	20.0	J	ug/l	1
Unknown Aromatic	37.9	J	ug/l	1
Unknown Naphthalene	8.58	J	ug/l	1
Unknown Aromatic	11.8	J	ug/l	1
Unknown Benzene	16.4	J	ug/l	1
Unknown Indene	10.6	J	ug/l	1
Benzene, (1-Ethyl-1-Propenyl)-	14.6	NJ	ug/l	1
Unknown Naphthalene	17.9	J	ug/l	1
Unknown Aromatic	9.76	J	ug/l	1
Unknown Aromatic	20.9	J	ug/l	1
Unknown	15.0	J	ug/l	1

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-02
Client ID: MW-6
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 11:50
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-03 D

Date Collected: 04/04/23 10:10

Client ID: MW-8D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 04/08/23 02:04

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	1400		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-03 D

Date Collected: 04/04/23 10:10

Client ID: MW-8D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	250		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	25		ug/l	25	7.0	10
1,2-Dichloroethene, Total	25		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-03 D
Client ID: MW-8D
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 10:10
Date Received: 04/04/23
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	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	7.0	10
p-Ethyltoluene	ND		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 10

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

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-04 D

Date Collected: 04/04/23 09:15

Client ID: MW-5

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 04/08/23 02:27

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	470		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-04 D

Date Collected: 04/04/23 09:15

Client ID: MW-5

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	92		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
Xylenes, Total	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	8.3	J	ug/l	10	2.8	4
1,2-Dichloroethene, Total	8.3	J	ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-04 D

Date Collected: 04/04/23 09:15

Client ID: MW-5

Date Received: 04/04/23

Sample Location: PORT CHESTER, 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	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	ND		ug/l	8.0	2.8	4
p-Ethyltoluene	ND		ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	4
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	104		70-130

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-05 D

Date Collected: 04/04/23 12:25

Client ID: MW-7D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 04/08/23 02:49

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	3800		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
1,3-Dichloropropene, Total	ND		ug/l	12	3.6	25
1,1-Dichloropropene	ND		ug/l	62	18.	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	ND		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	ND		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	ND		ug/l	12	4.2	25
trans-1,2-Dichloroethene	ND		ug/l	62	18.	25

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-05 D

Date Collected: 04/04/23 12:25

Client ID: MW-7D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	620		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	18.	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
Xylenes, Total	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	54	J	ug/l	62	18.	25
1,2-Dichloroethene, Total	54	J	ug/l	62	18.	25
Dibromomethane	ND		ug/l	120	25.	25
1,2,3-Trichloropropane	ND		ug/l	62	18.	25
Acrylonitrile	ND		ug/l	120	38.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
Vinyl acetate	ND		ug/l	120	25.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
2,2-Dichloropropane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,3-Dichloropropane	ND		ug/l	62	18.	25
1,1,1,2-Tetrachloroethane	ND		ug/l	62	18.	25
Bromobenzene	ND		ug/l	62	18.	25
n-Butylbenzene	ND		ug/l	62	18.	25
sec-Butylbenzene	ND		ug/l	62	18.	25
tert-Butylbenzene	ND		ug/l	62	18.	25
o-Chlorotoluene	ND		ug/l	62	18.	25
p-Chlorotoluene	ND		ug/l	62	18.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Hexachlorobutadiene	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
p-Isopropyltoluene	ND		ug/l	62	18.	25
Naphthalene	ND		ug/l	62	18.	25

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-05 **D**
Client ID: MW-7D
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 12:25
Date Received: 04/04/23
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	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
1,3,5-Trimethylbenzene	ND		ug/l	62	18.	25
1,2,4-Trimethylbenzene	ND		ug/l	62	18.	25
1,4-Dioxane	ND		ug/l	6200	1500	25
p-Diethylbenzene	ND		ug/l	50	18.	25
p-Ethyltoluene	ND		ug/l	50	18.	25
1,2,4,5-Tetramethylbenzene	ND		ug/l	50	14.	25
Ethyl ether	ND		ug/l	62	18.	25
trans-1,4-Dichloro-2-butene	ND		ug/l	62	18.	25

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-07
 Client ID: TRIP BLANK
 Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 00:00
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/06/23 19:45
 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	0.22	J	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: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-07**Date Collected:** 04/03/23 00:00**Client ID:** TRIP BLANK**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, 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	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: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-07
Client ID: TRIP BLANK
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 00:00
Date Received: 04/04/23
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	111		70-130

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-10 D
Client ID: DUP 1
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 00:00
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/07/23 13:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.8	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	3400		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
1,3-Dichloropropene, Total	ND		ug/l	25	7.2	50
1,1-Dichloropropene	ND		ug/l	120	35.	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	8.4	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	ND		ug/l	50	3.6	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	ND		ug/l	25	8.4	50
trans-1,2-Dichloroethene	ND		ug/l	120	35.	50

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-10 D

Date Collected: 04/04/23 00:00

Client ID: DUP 1

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	600		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
Xylenes, Total	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	55	J	ug/l	120	35.	50
1,2-Dichloroethene, Total	55	J	ug/l	120	35.	50
Dibromomethane	ND		ug/l	250	50.	50
1,2,3-Trichloropropane	ND		ug/l	120	35.	50
Acrylonitrile	ND		ug/l	250	75.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
Vinyl acetate	ND		ug/l	250	50.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
2,2-Dichloropropane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
1,3-Dichloropropane	ND		ug/l	120	35.	50
1,1,1,2-Tetrachloroethane	ND		ug/l	120	35.	50
Bromobenzene	ND		ug/l	120	35.	50
n-Butylbenzene	ND		ug/l	120	35.	50
sec-Butylbenzene	ND		ug/l	120	35.	50
tert-Butylbenzene	ND		ug/l	120	35.	50
o-Chlorotoluene	ND		ug/l	120	35.	50
p-Chlorotoluene	ND		ug/l	120	35.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Hexachlorobutadiene	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
p-Isopropyltoluene	ND		ug/l	120	35.	50
Naphthalene	ND		ug/l	120	35.	50

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-10 **D**
Client ID: DUP 1
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 00:00
Date Received: 04/04/23
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	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
1,3,5-Trimethylbenzene	ND		ug/l	120	35.	50
1,2,4-Trimethylbenzene	ND		ug/l	120	35.	50
1,4-Dioxane	ND		ug/l	12000	3000	50
p-Diethylbenzene	ND		ug/l	100	35.	50
p-Ethyltoluene	ND		ug/l	100	35.	50
1,2,4,5-Tetramethylbenzene	ND		ug/l	100	27.	50
Ethyl ether	ND		ug/l	120	35.	50
trans-1,4-Dichloro-2-butene	ND		ug/l	120	35.	50

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/06/23 18:01
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1763951-5					
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: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/06/23 18:01
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1763951-5					
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: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/06/23 18:01
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1763951-5					
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/06/23 18:01
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1763951-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	112		70-130

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 04/07/23 10:57

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,10 Batch: WG1765107-5					
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: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 04/07/23 10:57

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,10 Batch: WG1765107-5					
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: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/07/23 10:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,10 Batch: WG1765107-5					
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/07/23 10:57
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,10 Batch: WG1765107-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/07/23 19:42
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1765146-5					
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: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/07/23 19:42
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1765146-5					
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: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/07/23 19:42
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1765146-5					
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/07/23 19:42
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1765146-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1763951-3 WG1763951-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	98		100		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	93		94		70-130	1		20
cis-1,3-Dichloropropene	96		98		70-130	2		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		110		70-130	10		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	92		100		39-139	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1763951-3 WG1763951-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	95		97		55-138	2		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	98		100		70-130	2		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	98		110		58-148	12		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	100		110		57-130	10		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1763951-3 WG1763951-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		120		63-133	9		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	99		100		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	99		100		70-130	1		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	99		99		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	110		110		56-162	0		20
p-Diethylbenzene	99		100		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1763951-3 WG1763951-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	95		96		70-130	1		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	99		100		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,10 Batch: WG1765107-3 WG1765107-4								
Methylene chloride	94		93		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	96		96		70-130	0		20
Carbon tetrachloride	98		100		63-132	2		20
1,2-Dichloropropane	97		98		70-130	1		20
Dibromochloromethane	83		84		63-130	1		20
1,1,2-Trichloroethane	86		87		70-130	1		20
Tetrachloroethene	91		94		70-130	3		20
Chlorobenzene	92		92		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	96		97		70-130	1		20
1,1,1-Trichloroethane	97		99		67-130	2		20
Bromodichloromethane	91		92		67-130	1		20
trans-1,3-Dichloropropene	86		87		70-130	1		20
cis-1,3-Dichloropropene	92		93		70-130	1		20
1,1-Dichloropropene	99		100		70-130	1		20
Bromoform	75		79		54-136	5		20
1,1,2,2-Tetrachloroethane	84		90		67-130	7		20
Benzene	98		100		70-130	2		20
Toluene	92		93		70-130	1		20
Ethylbenzene	92		94		70-130	2		20
Chloromethane	82		83		64-130	1		20
Bromomethane	71		72		39-139	1		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,10 Batch: WG1765107-3 WG1765107-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	96		99		70-130	3		20
Trichloroethene	94		95		70-130	1		20
1,2-Dichlorobenzene	90		91		70-130	1		20
1,3-Dichlorobenzene	92		92		70-130	0		20
1,4-Dichlorobenzene	91		92		70-130	1		20
Methyl tert butyl ether	89		92		63-130	3		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	96		97		70-130	1		20
Dibromomethane	91		94		70-130	3		20
1,2,3-Trichloropropane	82		86		64-130	5		20
Acrylonitrile	83		87		70-130	5		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	96		98		36-147	2		20
Acetone	96		88		58-148	9		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	84		87		63-138	4		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	75		78		59-130	4		20
2-Hexanone	74		78		57-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,10 Batch: WG1765107-3 WG1765107-4								
Bromochloromethane	94		94		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	85		88		70-130	3		20
1,3-Dichloropropane	88		90		70-130	2		20
1,1,1,2-Tetrachloroethane	89		89		64-130	0		20
Bromobenzene	91		92		70-130	1		20
n-Butylbenzene	95		95		53-136	0		20
sec-Butylbenzene	93		94		70-130	1		20
tert-Butylbenzene	92		93		70-130	1		20
o-Chlorotoluene	94		94		70-130	0		20
p-Chlorotoluene	92		94		70-130	2		20
1,2-Dibromo-3-chloropropane	69		75		41-144	8		20
Hexachlorobutadiene	92		93		63-130	1		20
Isopropylbenzene	92		94		70-130	2		20
p-Isopropyltoluene	92		93		70-130	1		20
Naphthalene	75		84		70-130	11		20
n-Propylbenzene	94		95		69-130	1		20
1,2,3-Trichlorobenzene	83		88		70-130	6		20
1,2,4-Trichlorobenzene	87		90		70-130	3		20
1,3,5-Trimethylbenzene	92		93		64-130	1		20
1,2,4-Trimethylbenzene	93		93		70-130	0		20
1,4-Dioxane	98		98		56-162	0		20
p-Diethylbenzene	93		93		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,10 Batch: WG1765107-3 WG1765107-4								
p-Ethyltoluene	94		95		70-130	1		20
1,2,4,5-Tetramethylbenzene	92		91		70-130	1		20
Ethyl ether	99		100		59-134	1		20
trans-1,4-Dichloro-2-butene	72		75		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	97		99		70-130
Dibromofluoromethane	106		106		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1765146-3 WG1765146-4								
Methylene chloride	89		90		70-130	1		20
1,1-Dichloroethane	90		90		70-130	0		20
Chloroform	90		91		70-130	1		20
Carbon tetrachloride	97		97		63-132	0		20
1,2-Dichloropropane	93		92		70-130	1		20
Dibromochloromethane	89		89		63-130	0		20
1,1,2-Trichloroethane	92		92		70-130	0		20
Tetrachloroethene	98		93		70-130	5		20
Chlorobenzene	95		91		75-130	4		20
Trichlorofluoromethane	98		97		62-150	1		20
1,2-Dichloroethane	90		92		70-130	2		20
1,1,1-Trichloroethane	94		94		67-130	0		20
Bromodichloromethane	88		88		67-130	0		20
trans-1,3-Dichloropropene	92		90		70-130	2		20
cis-1,3-Dichloropropene	90		91		70-130	1		20
1,1-Dichloropropene	99		96		70-130	3		20
Bromoform	88		89		54-136	1		20
1,1,2,2-Tetrachloroethane	87		90		67-130	3		20
Benzene	94		92		70-130	2		20
Toluene	95		91		70-130	4		20
Ethylbenzene	97		94		70-130	3		20
Chloromethane	91		90		64-130	1		20
Bromomethane	63		70		39-139	11		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1765146-3 WG1765146-4								
Vinyl chloride	92		92		55-140	0		20
Chloroethane	92		92		55-138	0		20
1,1-Dichloroethene	94		93		61-145	1		20
trans-1,2-Dichloroethene	93		90		70-130	3		20
Trichloroethene	93		92		70-130	1		20
1,2-Dichlorobenzene	95		92		70-130	3		20
1,3-Dichlorobenzene	98		93		70-130	5		20
1,4-Dichlorobenzene	96		91		70-130	5		20
Methyl tert butyl ether	91		96		63-130	5		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	95		94		70-130	1		20
Dibromomethane	90		91		70-130	1		20
1,2,3-Trichloropropane	89		92		64-130	3		20
Acrylonitrile	91		100		70-130	9		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	91		91		36-147	0		20
Acetone	93		100		58-148	7		20
Carbon disulfide	95		92		51-130	3		20
2-Butanone	92		100		63-138	8		20
Vinyl acetate	91		90		70-130	1		20
4-Methyl-2-pentanone	85		92		59-130	8		20
2-Hexanone	84		95		57-130	12		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1765146-3 WG1765146-4								
Bromochloromethane	91		95		70-130	4		20
2,2-Dichloropropane	96		97		63-133	1		20
1,2-Dibromoethane	93		93		70-130	0		20
1,3-Dichloropropane	94		93		70-130	1		20
1,1,1,2-Tetrachloroethane	90		87		64-130	3		20
Bromobenzene	96		92		70-130	4		20
n-Butylbenzene	96		89		53-136	8		20
sec-Butylbenzene	98		93		70-130	5		20
tert-Butylbenzene	100		97		70-130	3		20
o-Chlorotoluene	99		96		70-130	3		20
p-Chlorotoluene	100		96		70-130	4		20
1,2-Dibromo-3-chloropropane	86		92		41-144	7		20
Hexachlorobutadiene	100		94		63-130	6		20
Isopropylbenzene	100		97		70-130	3		20
p-Isopropyltoluene	94		89		70-130	5		20
Naphthalene	84		88		70-130	5		20
n-Propylbenzene	100		96		69-130	4		20
1,2,3-Trichlorobenzene	94		94		70-130	0		20
1,2,4-Trichlorobenzene	93		91		70-130	2		20
1,3,5-Trimethylbenzene	100		98		64-130	2		20
1,2,4-Trimethylbenzene	96		90		70-130	6		20
1,4-Dioxane	104		106		56-162	2		20
p-Diethylbenzene	94		88		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1765146-3 WG1765146-4								
p-Ethyltoluene	100		97		70-130	3		20
1,2,4,5-Tetramethylbenzene	81		78		70-130	4		20
Ethyl ether	91		94		59-134	3		20
trans-1,4-Dichloro-2-butene	83		86		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		97		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	93		97		70-130

SEMIVOLATILES

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-01
Client ID: MW-9D
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 10:05
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/07/23 03:14
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 11:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-01**Date Collected:** 04/03/23 10:05**Client ID:** MW-9D**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-01
Client ID: MW-9D
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 10:05
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	861	J	ug/l	1
Tetrachloroethene	799	NJ	ug/l	1
Unknown	4.11	J	ug/l	1
Unknown	4.14	JB	ug/l	1
Unknown	4.94	JB	ug/l	1
Unknown	4.87	JB	ug/l	1
Unknown	7.02	JB	ug/l	1
Unknown	7.05	JB	ug/l	1
Unknown	4.25	JB	ug/l	1
Unknown	3.82	J	ug/l	1
Unknown	3.60	J	ug/l	1
Unknown Organic Acid	6.36	JB	ug/l	1
Unknown Organic Acid	8.91	JB	ug/l	1
Unknown Siloxane	3.38	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	76		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-01
Client ID: MW-9D
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 10:05
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/07/23 16:34
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 11:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-01
Client ID: MW-9D
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 10:05
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	65		41-149

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-01
 Client ID: MW-9D
 Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 10:05
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 04/21/23 14:46
 Analyst: JW

Extraction Method: EPA 1633
 Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.62		ng/l	5.86	0.938	1
Perfluoropentanoic Acid (PFPeA)	12.4		ng/l	2.93	0.784	1
Perfluorobutanesulfonic Acid (PFBS)	7.48		ng/l	1.46	0.491	1
Perfluorohexanoic Acid (PFHxA)	11.1		ng/l	1.46	0.432	1
Perfluoroheptanoic Acid (PFHpA)	8.58		ng/l	1.46	0.293	1
Perfluorohexanesulfonic Acid (PFHxS)	7.11		ng/l	1.46	0.352	1
Perfluorooctanoic Acid (PFOA)	25.9		ng/l	1.46	0.638	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	13.5		ng/l	5.86	1.98	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.660	J	ng/l	1.46	0.396	1
Perfluorononanoic Acid (PFNA)	2.05		ng/l	1.46	0.462	1
Perfluorooctanesulfonic Acid (PFOS)	13.8		ng/l	1.46	0.667	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.46	0.594	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.86	2.28	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.39	J	ng/l	1.46	0.799	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.46	0.638	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.46	0.337	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.46	0.396	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.46	0.792	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.46	0.674	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.46	0.550	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.46	0.388	1
PFOA/PFOS, Total	39.7		ng/l	1.46	0.638	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-01**Date Collected:** 04/03/23 10:05**Client ID:** MW-9D**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	105		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	101		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	98		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79		20-150

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-02
 Client ID: MW-6
 Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 11:50
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 04/07/23 07:09
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 04/06/23 11:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	23.		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-02**Date Collected:** 04/03/23 11:50**Client ID:** MW-6**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-02**Date Collected:** 04/03/23 11:50**Client ID:** MW-6**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	317	J	ug/l	1
Unknown	16.3	J	ug/l	1
Unknown	23.3	J	ug/l	1
Unknown	17.6	J	ug/l	1
Unknown Alkane	16.8	J	ug/l	1
Unknown Alkane	17.5	J	ug/l	1
Unknown Alkane	20.5	J	ug/l	1
Unknown Alkane	37.4	J	ug/l	1
Unknown Alkane	16.8	J	ug/l	1
Unknown Alkane	23.9	J	ug/l	1
Unknown Naphthalene	18.6	J	ug/l	1
Unknown Naphthalene	17.1	J	ug/l	1
Unknown Naphthalene	15.8	J	ug/l	1
Unknown Organic Acid	21.7	JB	ug/l	1
Unknown PAH	25.4	J	ug/l	1
Unknown PAH	28.7	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	62		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-02
Client ID: MW-6
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 11:50
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/07/23 16:50
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 11:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.8		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.81		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.97		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.20		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.16		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.22		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.10	0.01	1
Chrysene	0.26		ug/l	0.10	0.01	1
Acenaphthylene	1.6		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.13		ug/l	0.10	0.01	1
Fluorene	6.9		ug/l	0.10	0.01	1
Phenanthrene	8.8		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.13		ug/l	0.10	0.01	1
Pyrene	2.0		ug/l	0.10	0.02	1
2-Methylnaphthalene	1.5		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-02
Client ID: MW-6
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 11:50
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	76		41-149

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-02
 Client ID: MW-6
 Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 11:50
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 04/21/23 15:24
 Analyst: JW

Extraction Method: EPA 1633
 Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.00	J	ng/l	8.00	1.28	1
Perfluoropentanoic Acid (PFPeA)	8.30		ng/l	4.00	1.07	1
Perfluorobutanesulfonic Acid (PFBS)	3.90		ng/l	2.00	0.670	1
Perfluorohexanoic Acid (PFHxA)	6.40		ng/l	2.00	0.590	1
Perfluoroheptanoic Acid (PFHpA)	4.50		ng/l	2.00	0.400	1
Perfluorohexanesulfonic Acid (PFHxS)	3.00		ng/l	2.00	0.480	1
Perfluorooctanoic Acid (PFOA)	18.3		ng/l	2.00	0.870	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	8.00	2.70	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.540	1
Perfluorononanoic Acid (PFNA)	1.70	J	ng/l	2.00	0.630	1
Perfluorooctanesulfonic Acid (PFOS)	16.9		ng/l	2.00	0.910	1
Perfluorodecanoic Acid (PFDA)	1.20	J	ng/l	2.00	0.810	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	8.00	3.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	1.09	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.870	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.460	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	2.00	0.540	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	1.08	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.920	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.750	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	2.00	0.530	1
PFOA/PFOS, Total	35.2		ng/l	2.00	0.870	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-02**Date Collected:** 04/03/23 11:50**Client ID:** MW-6**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	111		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	124		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	126		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	63		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	51		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		20-150

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-03
 Client ID: MW-8D
 Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 10:10
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 04/08/23 09:07
 Analyst: IM

Extraction Method: EPA 3510C
 Extraction Date: 04/07/23 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-03

Date Collected: 04/04/23 10:10

Client ID: MW-8D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-03**Date Collected:** 04/04/23 10:10**Client ID:** MW-8D**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	484	J	ug/l			1
Tetrachloroethene	411	NJ	ug/l			1
Unknown	2.40	J	ug/l			1
Unknown	3.27	J	ug/l			1
Unknown	3.45	J	ug/l			1
Unknown	2.58	J	ug/l			1
Unknown	2.14	J	ug/l			1
Unknown	2.18	J	ug/l			1
Unknown	2.69	J	ug/l			1
Unknown	2.73	J	ug/l			1
Unknown	2.18	J	ug/l			1
Unknown Alkane	4.87	J	ug/l			1
Unknown Alkane	4.91	J	ug/l			1
Unknown Benzene	4.40	J	ug/l			1
Unknown Organic Acid	14.1	JB	ug/l			1
Unknown Organic Acid	21.4	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	85		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-03
Client ID: MW-8D
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 10:10
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/10/23 00:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.07	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.21		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.14		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.08	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.14		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-03
Client ID: MW-8D
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 10:10
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	77		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-03
Client ID: MW-8D
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 10:10
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/21/23 15:37
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.85		ng/l	7.38	1.18	1
Perfluoropentanoic Acid (PFPeA)	13.6		ng/l	3.69	0.987	1
Perfluorobutanesulfonic Acid (PFBS)	7.19		ng/l	1.84	0.618	1
Perfluorohexanoic Acid (PFHxA)	12.2		ng/l	1.84	0.544	1
Perfluoroheptanoic Acid (PFHpA)	8.58		ng/l	1.84	0.369	1
Perfluorohexanesulfonic Acid (PFHxS)	4.80		ng/l	1.84	0.443	1
Perfluorooctanoic Acid (PFOA)	21.5		ng/l	1.84	0.802	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	15.4		ng/l	7.38	2.49	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.498	1
Perfluorononanoic Acid (PFNA)	1.11	J	ng/l	1.84	0.581	1
Perfluorooctanesulfonic Acid (PFOS)	17.3		ng/l	1.84	0.839	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.747	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	7.38	2.87	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.29	JF	ng/l	1.84	1.00	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.802	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.424	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.84	0.498	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.996	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.848	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.692	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.84	0.489	1
PFOA/PFOS, Total	38.8		ng/l	1.84	0.802	1

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-03

Date Collected: 04/04/23 10:10

Client ID: MW-8D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	54		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-04

Date Collected: 04/04/23 09:15

Client ID: MW-5

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 04/07/23 21:44

Analytical Date: 04/08/23 09:30

Analyst: IM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-04**Date Collected:** 04/04/23 09:15**Client ID:** MW-5**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-04**Date Collected:** 04/04/23 09:15**Client ID:** MW-5**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	136	J	ug/l			1
Tetrachloroethene	98.4	NJ	ug/l			1
Unknown	1.56	J	ug/l			1
Unknown	3.96	JB	ug/l			1
Unknown	1.56	J	ug/l			1
Unknown	4.00	JB	ug/l			1
Unknown	1.53	J	ug/l			1
Unknown	2.47	J	ug/l			1
Unknown	2.80	J	ug/l			1
Unknown	4.44	J	ug/l			1
Unknown	4.29	J	ug/l			1
Unknown Organic Acid	5.13	JB	ug/l			1
Unknown Organic Acid	5.56	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	77		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-04
Client ID: MW-5
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 09:15
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/10/23 01:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	0.01	J	ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.12		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.05	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-04
Client ID: MW-5
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 09:15
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	71		41-149

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-04
 Client ID: MW-5
 Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 09:15
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 04/21/23 15:50
 Analyst: JW

Extraction Method: EPA 1633
 Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.7		ng/l	8.11	1.30	1
Perfluoropentanoic Acid (PFPeA)	15.4		ng/l	4.06	1.08	1
Perfluorobutanesulfonic Acid (PFBS)	9.12		ng/l	2.03	0.679	1
Perfluorohexanoic Acid (PFHxA)	11.4		ng/l	2.03	0.598	1
Perfluoroheptanoic Acid (PFHpA)	7.20		ng/l	2.03	0.406	1
Perfluorohexanesulfonic Acid (PFHxS)	2.94		ng/l	2.03	0.487	1
Perfluorooctanoic Acid (PFOA)	12.6		ng/l	2.03	0.882	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.16	J	ng/l	8.11	2.74	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.03	0.548	1
Perfluorononanoic Acid (PFNA)	0.710	J	ng/l	2.03	0.639	1
Perfluorooctanesulfonic Acid (PFOS)	5.17		ng/l	2.03	0.923	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.03	0.821	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	8.11	3.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.03	1.10	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.03	0.882	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.03	0.466	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	2.03	0.548	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.03	1.10	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.03	0.933	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.03	0.760	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	2.03	0.537	1
PFOA/PFOS, Total	17.8		ng/l	2.03	0.882	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-04**Date Collected:** 04/04/23 09:15**Client ID:** MW-5**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	79		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	60		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	53		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	56		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	49		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	33		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	45		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	39		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	38		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	29		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	25		20-150

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-05
Client ID: MW-7D
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 12:25
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/08/23 09:54
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-05**Date Collected:** 04/04/23 12:25**Client ID:** MW-7D**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	614	J	ug/l	1
Tetrachloroethene	599	NJ	ug/l	1
Unknown Organic Acid	6.98	JB	ug/l	1
Unknown Organic Acid	8.51	JB	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	77		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-05
Client ID: MW-7D
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 12:25
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/10/23 01:17
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.11		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-05
Client ID: MW-7D
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 12:25
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	71		41-149

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-05
 Client ID: MW-7D
 Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 12:25
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 04/21/23 16:03
 Analyst: JW

Extraction Method: EPA 1633
 Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	11.0		ng/l	7.35	1.18	1
Perfluoropentanoic Acid (PFPeA)	25.5		ng/l	3.67	0.983	1
Perfluorobutanesulfonic Acid (PFBS)	7.26		ng/l	1.84	0.615	1
Perfluorohexanoic Acid (PFHxA)	21.2		ng/l	1.84	0.542	1
Perfluoroheptanoic Acid (PFHpA)	17.2		ng/l	1.84	0.367	1
Perfluorohexanesulfonic Acid (PFHxS)	5.97		ng/l	1.84	0.441	1
Perfluorooctanoic Acid (PFOA)	37.1		ng/l	1.84	0.799	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.85	J	ng/l	7.35	2.48	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.496	1
Perfluorononanoic Acid (PFNA)	1.84		ng/l	1.84	0.579	1
Perfluorooctanesulfonic Acid (PFOS)	17.2		ng/l	1.84	0.836	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.744	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	7.35	2.86	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.10	JF	ng/l	1.84	1.00	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.799	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.422	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.84	0.496	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.992	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.845	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.689	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.84	0.487	1
PFOA/PFOS, Total	54.3		ng/l	1.84	0.799	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-05**Date Collected:** 04/04/23 12:25**Client ID:** MW-7D**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	64		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	58		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		20-150

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-06
Client ID: FIELD BLANK
Sample Location: PORT CHESTER, NY

Date Collected: 04/03/23 16:00
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/21/23 16:16
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.88	0.941	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.94	0.786	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.47	0.492	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.47	0.434	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.47	0.294	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.47	0.353	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.47	0.639	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.88	1.98	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.47	0.397	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.47	0.463	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.47	0.669	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.595	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.88	2.28	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.801	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.639	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.338	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.47	0.397	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.794	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.676	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.551	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.389	1
PFOA/PFOS, Total	ND		ng/l	1.47	0.639	1

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-06

Date Collected: 04/03/23 16:00

Client ID: FIELD BLANK

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS**

Lab ID: L2317613-08
 Client ID: FIELD BLANK
 Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 14:00
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 04/21/23 16:29
 Analyst: JW

Extraction Method: EPA 1633
 Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.67	0.908	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.84	0.759	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.42	0.475	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.42	0.418	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.42	0.284	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.42	0.340	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.42	0.617	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.67	1.91	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.42	0.383	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.42	0.447	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.42	0.645	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.42	0.574	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.67	2.20	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.42	0.773	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.42	0.617	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.42	0.326	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.42	0.383	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.42	0.766	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.42	0.652	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.42	0.532	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.42	0.376	1
PFOA/PFOS, Total	ND		ng/l	1.42	0.617	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-08**Date Collected:** 04/04/23 14:00**Client ID:** FIELD BLANK**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	104		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	88		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79		20-150

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-10
Client ID: DUP 1
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 00:00
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/08/23 10:17
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-10**Date Collected:** 04/04/23 00:00**Client ID:** DUP 1**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	662	J	ug/l	1
Tetrachloroethene	648	NJ	ug/l	1
Unknown Organic Acid	6.40	JB	ug/l	1
Unknown Organic Acid	7.38	JB	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	72		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-10
Client ID: DUP 1
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 00:00
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/10/23 01:33
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.11		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-10
Client ID: DUP 1
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 00:00
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	71		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-10
Client ID: DUP 1
Sample Location: PORT CHESTER, NY

Date Collected: 04/04/23 00:00
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/21/23 16:41
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	11.5		ng/l	6.96	1.11	1
Perfluoropentanoic Acid (PFPeA)	24.9		ng/l	3.48	0.931	1
Perfluorobutanesulfonic Acid (PFBS)	7.66		ng/l	1.74	0.583	1
Perfluorohexanoic Acid (PFHxA)	20.9		ng/l	1.74	0.514	1
Perfluoroheptanoic Acid (PFHpA)	16.6		ng/l	1.74	0.348	1
Perfluorohexanesulfonic Acid (PFHxS)	5.92		ng/l	1.74	0.418	1
Perfluorooctanoic Acid (PFOA)	39.0		ng/l	1.74	0.757	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.26	J	ng/l	6.96	2.35	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.522	J	ng/l	1.74	0.470	1
Perfluorononanoic Acid (PFNA)	1.83		ng/l	1.74	0.548	1
Perfluorooctanesulfonic Acid (PFOS)	16.7		ng/l	1.74	0.792	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.74	0.705	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.96	2.71	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2.09		ng/l	1.74	0.949	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.74	0.757	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.74	0.400	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.74	0.470	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.74	0.940	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.74	0.801	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.74	0.653	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.74	0.461	1
PFOA/PFOS, Total	55.7		ng/l	1.74	0.757	1

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**SAMPLE RESULTS****Lab ID:** L2317613-10**Date Collected:** 04/04/23 00:00**Client ID:** DUP 1**Date Received:** 04/04/23**Sample Location:** PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	72		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55		20-150

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 04/07/23 01:41
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/06/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1763460-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/07/23 01:41
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1763460-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/07/23 01:41
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1763460-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	77.1	J	ug/l
Unknown Organic Acid	2.54	J	ug/l
Unknown	3.34	J	ug/l
Unknown Organic Acid	10.4	J	ug/l
Unknown	3.67	J	ug/l
Unknown	2.14	J	ug/l
Unknown	2.18	J	ug/l
Unknown	2.40	J	ug/l
Unknown	2.76	J	ug/l
Unknown	2.22	J	ug/l
Unknown	16.6	J	ug/l

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/07/23 01:41
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1763460-1					

Tentatively Identified Compounds

Unknown Organic Acid	15.2	J	ug/l
Unknown Organic Acid	2.25	J	ug/l
Unknown	2.36	J	ug/l
Unknown	6.58	J	ug/l
Unknown	2.44	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	74		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/06/23 18:54
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1763506-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	0.02	J	ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.03	J	ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 04/06/23 18:54
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 04/06/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1763506-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	66		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/08/23 07:57
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05,10 Batch: WG1764202-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/08/23 07:57
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05,10 Batch: WG1764202-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/08/23 07:57
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05,10 Batch: WG1764202-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	20.2	J	ug/l
Unknown	4.29	J	ug/l
Unknown Organic Acid	2.73	J	ug/l
Unknown	3.31	J	ug/l
Unknown	3.96	J	ug/l
Unknown Organic Acid	4.07	J	ug/l
Unknown Alkane	1.82	J	ug/l

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 04/08/23 07:57
 Analyst: IM

Extraction Method: EPA 3510C
 Extraction Date: 04/07/23 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05,10 Batch: WG1764202-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	77		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/10/23 00:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03-05,10 Batch: WG1764203-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/10/23 00:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/07/23 21:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03-05,10 Batch: WG1764203-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	65		41-149

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/21/23 13:55
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-06,08,10 Batch: WG1769021-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
PFOA/PFOS, Total	ND		ng/l	1.60	0.696

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/21/23 13:55
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/20/23 11:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-06,08,10 Batch: WG1769021-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		20-150

Lab Control Sample Analysis Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

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: WG1763460-2 WG1763460-3								
Acenaphthene	71		70		37-111	1		30
1,2,4-Trichlorobenzene	59		67		39-98	13		30
Hexachlorobenzene	74		75		40-140	1		30
Bis(2-chloroethyl)ether	58		66		40-140	13		30
2-Chloronaphthalene	63		67		40-140	6		30
1,2-Dichlorobenzene	58		63		40-140	8		30
1,3-Dichlorobenzene	55		62		40-140	12		30
1,4-Dichlorobenzene	57		63		36-97	10		30
3,3'-Dichlorobenzidine	62		60		40-140	3		30
2,4-Dinitrotoluene	81		79		48-143	3		30
2,6-Dinitrotoluene	74		74		40-140	0		30
Fluoranthene	74		75		40-140	1		30
4-Chlorophenyl phenyl ether	74		72		40-140	3		30
4-Bromophenyl phenyl ether	53		54		40-140	2		30
Bis(2-chloroisopropyl)ether	61		68		40-140	11		30
Bis(2-chloroethoxy)methane	62		70		40-140	12		30
Hexachlorobutadiene	60		66		40-140	10		30
Hexachlorocyclopentadiene	46		46		40-140	0		30
Hexachloroethane	57		62		40-140	8		30
Isophorone	61		66		40-140	8		30
Naphthalene	61		66		40-140	8		30
Nitrobenzene	59		66		40-140	11		30
NDPA/DPA	76		78		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

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: WG1763460-2 WG1763460-3								
n-Nitrosodi-n-propylamine	64		64		29-132	0		30
Bis(2-ethylhexyl)phthalate	75		77		40-140	3		30
Butyl benzyl phthalate	76		78		40-140	3		30
Di-n-butylphthalate	75		77		40-140	3		30
Di-n-octylphthalate	74		78		40-140	5		30
Diethyl phthalate	77		76		40-140	1		30
Dimethyl phthalate	73		73		40-140	0		30
Benzo(a)anthracene	75		78		40-140	4		30
Benzo(a)pyrene	75		77		40-140	3		30
Benzo(b)fluoranthene	68		73		40-140	7		30
Benzo(k)fluoranthene	76		81		40-140	6		30
Chrysene	74		76		40-140	3		30
Acenaphthylene	70		73		45-123	4		30
Anthracene	73		75		40-140	3		30
Benzo(ghi)perylene	82		83		40-140	1		30
Fluorene	75		77		40-140	3		30
Phenanthrene	74		76		40-140	3		30
Dibenzo(a,h)anthracene	81		85		40-140	5		30
Indeno(1,2,3-cd)pyrene	89		91		40-140	2		30
Pyrene	71		74		26-127	4		30
Biphenyl	62		66		40-140	6		30
4-Chloroaniline	60		54		40-140	11		30
2-Nitroaniline	70		78		52-143	11		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

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: WG1763460-2 WG1763460-3								
3-Nitroaniline	71		72		25-145	1		30
4-Nitroaniline	77		79		51-143	3		30
Dibenzofuran	74		74		40-140	0		30
2-Methylnaphthalene	61		71		40-140	15		30
1,2,4,5-Tetrachlorobenzene	57		66		2-134	15		30
Acetophenone	53		59		39-129	11		30
2,4,6-Trichlorophenol	68		69		30-130	1		30
p-Chloro-m-cresol	73		78		23-97	7		30
2-Chlorophenol	59		69		27-123	16		30
2,4-Dichlorophenol	64		70		30-130	9		30
2,4-Dimethylphenol	59		65		30-130	10		30
2-Nitrophenol	64		68		30-130	6		30
4-Nitrophenol	67		77		10-80	14		30
2,4-Dinitrophenol	73		76		20-130	4		30
4,6-Dinitro-o-cresol	87		79		20-164	10		30
Pentachlorophenol	78		76		9-103	3		30
Phenol	48		56		12-110	15		30
2-Methylphenol	63		71		30-130	12		30
3-Methylphenol/4-Methylphenol	63		70		30-130	11		30
2,4,5-Trichlorophenol	75		76		30-130	1		30
Benzoic Acid	49		58		10-164	17		30
Benzyl Alcohol	59		67		26-116	13		30
Carbazole	74		78		55-144	5		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1763460-2 WG1763460-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		60		21-120
Phenol-d6	48		53		10-120
Nitrobenzene-d5	56		69		23-120
2-Fluorobiphenyl	62		64		15-120
2,4,6-Tribromophenol	56		46		10-120
4-Terphenyl-d14	71		74		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1763506-2 WG1763506-3								
Acenaphthene	62		71		40-140	14		40
2-Chloronaphthalene	62		71		40-140	14		40
Fluoranthene	69		78		40-140	12		40
Hexachlorobutadiene	55		66		40-140	18		40
Naphthalene	58		68		40-140	16		40
Benzo(a)anthracene	73		82		40-140	12		40
Benzo(a)pyrene	75		84		40-140	11		40
Benzo(b)fluoranthene	69		81		40-140	16		40
Benzo(k)fluoranthene	67		72		40-140	7		40
Chrysene	66		72		40-140	9		40
Acenaphthylene	74		83		40-140	11		40
Anthracene	74		82		40-140	10		40
Benzo(ghi)perylene	75		84		40-140	11		40
Fluorene	68		76		40-140	11		40
Phenanthrene	66		74		40-140	11		40
Dibenzo(a,h)anthracene	80		90		40-140	12		40
Indeno(1,2,3-cd)pyrene	87		97		40-140	11		40
Pyrene	66		75		40-140	13		40
2-Methylnaphthalene	61		70		40-140	14		40
Pentachlorophenol	82		89		40-140	8		40
Hexachlorobenzene	68		75		40-140	10		40
Hexachloroethane	59		71		40-140	18		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1763506-2 WG1763506-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		75		21-120
Phenol-d6	61		71		10-120
Nitrobenzene-d5	89		104		23-120
2-Fluorobiphenyl	60		68		15-120
2,4,6-Tribromophenol	70		78		10-120
4-Terphenyl-d14	64		72		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05,10 Batch: WG1764202-2 WG1764202-3								
Acenaphthene	62		56		37-111	10		30
1,2,4-Trichlorobenzene	67		56		39-98	18		30
Hexachlorobenzene	60		58		40-140	3		30
Bis(2-chloroethyl)ether	70		58		40-140	19		30
2-Chloronaphthalene	63		56		40-140	12		30
1,2-Dichlorobenzene	64		54		40-140	17		30
1,3-Dichlorobenzene	64		54		40-140	17		30
1,4-Dichlorobenzene	66		54		36-97	20		30
3,3'-Dichlorobenzidine	33	Q	29	Q	40-140	13		30
2,4-Dinitrotoluene	65		59		48-143	10		30
2,6-Dinitrotoluene	63		60		40-140	5		30
Fluoranthene	62		58		40-140	7		30
4-Chlorophenyl phenyl ether	60		59		40-140	2		30
4-Bromophenyl phenyl ether	64		58		40-140	10		30
Bis(2-chloroisopropyl)ether	75		60		40-140	22		30
Bis(2-chloroethoxy)methane	71		61		40-140	15		30
Hexachlorobutadiene	62		52		40-140	18		30
Hexachlorocyclopentadiene	50		45		40-140	11		30
Hexachloroethane	64		52		40-140	21		30
Isophorone	67		58		40-140	14		30
Naphthalene	66		54		40-140	20		30
Nitrobenzene	67		56		40-140	18		30
NDPA/DPA	62		58		40-140	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05,10 Batch: WG1764202-2 WG1764202-3								
n-Nitrosodi-n-propylamine	68		60		29-132	13		30
Bis(2-ethylhexyl)phthalate	64		63		40-140	2		30
Butyl benzyl phthalate	65		62		40-140	5		30
Di-n-butylphthalate	63		59		40-140	7		30
Di-n-octylphthalate	60		59		40-140	2		30
Diethyl phthalate	64		60		40-140	6		30
Dimethyl phthalate	62		60		40-140	3		30
Benzo(a)anthracene	65		59		40-140	10		30
Benzo(a)pyrene	58		56		40-140	4		30
Benzo(b)fluoranthene	58		57		40-140	2		30
Benzo(k)fluoranthene	63		59		40-140	7		30
Chrysene	62		59		40-140	5		30
Acenaphthylene	67		57		45-123	16		30
Anthracene	62		58		40-140	7		30
Benzo(ghi)perylene	59		59		40-140	0		30
Fluorene	62		59		40-140	5		30
Phenanthrene	62		58		40-140	7		30
Dibenzo(a,h)anthracene	60		60		40-140	0		30
Indeno(1,2,3-cd)pyrene	66		64		40-140	3		30
Pyrene	64		58		26-127	10		30
Biphenyl	60		52		40-140	14		30
4-Chloroaniline	29	Q	21	Q	40-140	32	Q	30
2-Nitroaniline	62		56		52-143	10		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05,10 Batch: WG1764202-2 WG1764202-3								
3-Nitroaniline	48		50		25-145	4		30
4-Nitroaniline	59		55		51-143	7		30
Dibenzofuran	66		58		40-140	13		30
2-Methylnaphthalene	65		54		40-140	18		30
1,2,4,5-Tetrachlorobenzene	57		50		2-134	13		30
Acetophenone	63		50		39-129	23		30
2,4,6-Trichlorophenol	65		55		30-130	17		30
p-Chloro-m-cresol	65		62		23-97	5		30
2-Chlorophenol	67		54		27-123	21		30
2,4-Dichlorophenol	65		55		30-130	17		30
2,4-Dimethylphenol	54		37		30-130	37	Q	30
2-Nitrophenol	63		50		30-130	23		30
4-Nitrophenol	61		59		10-80	3		30
2,4-Dinitrophenol	44		45		20-130	2		30
4,6-Dinitro-o-cresol	62		59		20-164	5		30
Pentachlorophenol	44		47		9-103	7		30
Phenol	56		45		12-110	22		30
2-Methylphenol	68		55		30-130	21		30
3-Methylphenol/4-Methylphenol	68		60		30-130	13		30
2,4,5-Trichlorophenol	64		57		30-130	12		30
Benzoic Acid	54		76		10-164	34	Q	30
Benzyl Alcohol	63		52		26-116	19		30
Carbazole	63		61		55-144	3		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 150 WESTCHESTER AVE**Project Number:** 11895**Lab Number:** L2317613**Report Date:** 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05,10 Batch: WG1764202-2 WG1764202-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		60		21-120
Phenol-d6	56		51		10-120
Nitrobenzene-d5	71		62		23-120
2-Fluorobiphenyl	67		59		15-120
2,4,6-Tribromophenol	67		62		10-120
4-Terphenyl-d14	66		63		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03-05,10 Batch: WG1764203-2 WG1764203-3								
Acenaphthene	69		62		40-140	11		40
2-Chloronaphthalene	69		61		40-140	12		40
Fluoranthene	64		61		40-140	5		40
Hexachlorobutadiene	66		55		40-140	18		40
Naphthalene	68		58		40-140	16		40
Benzo(a)anthracene	77		72		40-140	7		40
Benzo(a)pyrene	76		71		40-140	7		40
Benzo(b)fluoranthene	76		70		40-140	8		40
Benzo(k)fluoranthene	73		71		40-140	3		40
Chrysene	70		67		40-140	4		40
Acenaphthylene	73		65		40-140	12		40
Anthracene	72		69		40-140	4		40
Benzo(ghi)perylene	79		75		40-140	5		40
Fluorene	70		64		40-140	9		40
Phenanthrene	67		64		40-140	5		40
Dibenzo(a,h)anthracene	81		77		40-140	5		40
Indeno(1,2,3-cd)pyrene	84		80		40-140	5		40
Pyrene	62		58		40-140	7		40
2-Methylnaphthalene	70		60		40-140	15		40
Pentachlorophenol	69		68		40-140	1		40
Hexachlorobenzene	61		58		40-140	5		40
Hexachloroethane	73		60		40-140	20		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03-05,10 Batch: WG1764203-2 WG1764203-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		64		21-120
Phenol-d6	66		60		10-120
Nitrobenzene-d5	96		83		23-120
2-Fluorobiphenyl	73		67		15-120
2,4,6-Tribromophenol	84		78		10-120
4-Terphenyl-d14	62		60		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08,10 Batch: WG1769021-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	91		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	92		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	90		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	93		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	94		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	92		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	90		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	101		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	70		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	95		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	83		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	95		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	80		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	88		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	92		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	88		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08,10 Batch: WG1769021-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	82				20-150

Lab Control Sample Analysis Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08,10 Batch: WG1769021-3								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	108		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	107		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	98		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	112		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	95		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	111		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	109		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	94		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	93		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	94		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	115		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08,10 Batch: WG1769021-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	60				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	73				20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08,10 QC Batch ID: WG1769021-4 WG1769021-5 QC Sample: L2317613-01 Client ID: MW-9D												
Perfluorobutanoic Acid (PFBA)	7.62	76.5	87.6	105		91.9	105		40-150	5		30
Perfluoropentanoic Acid (PFPeA)	12.4	38.2	52.9	106		54.7	105		40-150	3		30
Perfluorobutanesulfonic Acid (PFBS)	7.48	17	23.6	95		25.9	103		40-150	9		30
Perfluorohexanoic Acid (PFHxA)	11.1	19.1	31.1	105		33.5	112		40-150	7		30
Perfluoroheptanoic Acid (PFHpA)	8.58	19.1	29.7	110		30.2	108		40-150	2		30
Perfluorohexanesulfonic Acid (PFHxS)	7.11	17.5	25.1	103		26.5	106		40-150	5		30
Perfluorooctanoic Acid (PFOA)	25.9	19.1	47.5	113		48.6	113		40-150	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	13.5	72.7	99.8	119		96.7	109		40-150	3		30
Perfluoroheptanesulfonic Acid (PFHpS)	0.660J	18.2	23.9	127		27.4	140		40-150	14		30
Perfluorononanoic Acid (PFNA)	2.05	19.1	24.5	117		26.6	122		40-150	8		30
Perfluorooctanesulfonic Acid (PFOS)	13.8	17.8	36.3	127		40.9	146		40-150	12		30
Perfluorodecanoic Acid (PFDA)	ND	19.1	22.3	117		28.8	144		40-150	25		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	73.4	89.0	121		88.6	115		40-150	0		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.39J	19.1	22.8	112		25.0	118		40-150	9		30
Perfluoroundecanoic Acid (PFUnA)	ND	19.1	24.9	130		23.2	116		40-150	7		30
Perfluorodecanesulfonic Acid (PFDS)	ND	18.4	18.2	99		20.9	108		40-150	14		30
Perfluorooctanesulfonamide (PFOSA)	ND	19.1	19.9	104		24.0	120		40-150	19		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	19.1	23.2	121		24.2	121		40-150	4		30
Perfluorododecanoic Acid (PFDoA)	ND	19.1	22.6	118		19.3	96		40-150	16		30
Perfluorotridecanoic Acid (PFTrDA)	ND	19.1	18.4	96		18.2	91		40-150	1		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	19.1	18.5	97		22.9	114		40-150	21		30

Matrix Spike Analysis**Batch Quality Control****Project Name:** 150 WESTCHESTER AVE**Project Number:** 11895**Lab Number:** L2317613**Report Date:** 04/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08,10 QC Batch ID: WG1769021-4 WG1769021-5 QC Sample: L2317613-01 Client ID: MW-9D												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		63		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		52		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		49		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		81		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		51		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	71		59		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		91		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		74		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		68		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		78		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		85		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69		65		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80		85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	65		74		20-150

METALS

Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-01

Date Collected: 04/03/23 10:05

Client ID: MW-9D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

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											
Aluminum, Total	0.133		mg/l	0.0100	0.00327	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00023	J	mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Barium, Total	0.4131		mg/l	0.00050	0.00017	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Calcium, Total	144.		mg/l	0.100	0.0394	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00044	J	mg/l	0.00100	0.00017	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00438		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Copper, Total	0.00084	J	mg/l	0.00100	0.00038	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Iron, Total	1.23		mg/l	0.0500	0.0191	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Lead, Total	0.00038	J	mg/l	0.00100	0.00034	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Magnesium, Total	38.3		mg/l	0.0700	0.0242	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Manganese, Total	3.212		mg/l	0.00100	0.00044	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/06/23 10:23	04/10/23 12:29	EPA 7470A	1,7470A	DMB
Nickel, Total	0.00170	J	mg/l	0.00200	0.00055	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Potassium, Total	8.74		mg/l	0.100	0.0309	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Sodium, Total	59.1		mg/l	0.100	0.0293	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	04/06/23 09:08	04/06/23 14:30	EPA 3005A	1,6020B	NTB



Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-02

Date Collected: 04/03/23 11:50

Client ID: MW-6

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

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											
Aluminum, Total	3.50		mg/l	0.0100	0.00327	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00221		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Barium, Total	0.1800		mg/l	0.00050	0.00017	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.00019	J	mg/l	0.00050	0.00010	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Calcium, Total	89.2		mg/l	0.100	0.0394	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00666		mg/l	0.00100	0.00017	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00531		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Copper, Total	0.01976		mg/l	0.00100	0.00038	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Iron, Total	8.57		mg/l	0.0500	0.0191	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Lead, Total	0.03885		mg/l	0.00100	0.00034	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Magnesium, Total	28.6		mg/l	0.0700	0.0242	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Manganese, Total	0.7664		mg/l	0.00100	0.00044	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/06/23 10:23	04/10/23 12:32	EPA 7470A	1,7470A	DMB
Nickel, Total	0.01010		mg/l	0.00200	0.00055	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Potassium, Total	11.4		mg/l	0.100	0.0309	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00213	J	mg/l	0.00500	0.00173	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Sodium, Total	158.		mg/l	0.100	0.0293	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00785		mg/l	0.00500	0.00157	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB
Zinc, Total	0.03267		mg/l	0.01000	0.00341	1	04/06/23 09:08	04/06/23 14:35	EPA 3005A	1,6020B	NTB



Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-03

Date Collected: 04/04/23 10:10

Client ID: MW-8D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

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											
Aluminum, Total	0.723		mg/l	0.0100	0.00327	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00058		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Barium, Total	0.04269		mg/l	0.00050	0.00017	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00007	J	mg/l	0.00020	0.00005	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Calcium, Total	92.4		mg/l	0.100	0.0394	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00293		mg/l	0.00100	0.00017	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00211		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Copper, Total	0.00483		mg/l	0.00100	0.00038	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Iron, Total	2.52		mg/l	0.0500	0.0191	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Lead, Total	0.00299		mg/l	0.00100	0.00034	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Magnesium, Total	27.0		mg/l	0.0700	0.0242	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Manganese, Total	0.6909		mg/l	0.00100	0.00044	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/06/23 10:23	04/10/23 12:36	EPA 7470A	1,7470A	DMB
Nickel, Total	0.00463		mg/l	0.00200	0.00055	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Potassium, Total	7.76		mg/l	0.100	0.0309	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Sodium, Total	179.		mg/l	0.100	0.0293	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00174	J	mg/l	0.00500	0.00157	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00945	J	mg/l	0.01000	0.00341	1	04/06/23 09:08	04/06/23 14:40	EPA 3005A	1,6020B	NTB



Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-04

Date Collected: 04/04/23 09:15

Client ID: MW-5

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

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											
Aluminum, Total	2.98		mg/l	0.0100	0.00327	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00137		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Barium, Total	0.1420		mg/l	0.00050	0.00017	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.00013	J	mg/l	0.00050	0.00010	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00037		mg/l	0.00020	0.00005	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Calcium, Total	57.9		mg/l	0.100	0.0394	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00637		mg/l	0.00100	0.00017	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00585		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Copper, Total	0.02822		mg/l	0.00100	0.00038	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Iron, Total	4.38		mg/l	0.0500	0.0191	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Lead, Total	0.03828		mg/l	0.00100	0.00034	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Magnesium, Total	13.1		mg/l	0.0700	0.0242	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Manganese, Total	0.8376		mg/l	0.00100	0.00044	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00016	J	mg/l	0.00020	0.00009	1	04/06/23 10:23	04/10/23 12:39	EPA 7470A	1,7470A	DMB
Nickel, Total	0.01316		mg/l	0.00200	0.00055	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Potassium, Total	9.90		mg/l	0.100	0.0309	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00283	J	mg/l	0.00500	0.00173	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Sodium, Total	217.		mg/l	0.100	0.0293	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00574		mg/l	0.00500	0.00157	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB
Zinc, Total	0.1033		mg/l	0.01000	0.00341	1	04/06/23 09:08	04/06/23 14:45	EPA 3005A	1,6020B	NTB



Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-05

Date Collected: 04/04/23 12:25

Client ID: MW-7D

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

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											
Aluminum, Total	0.335		mg/l	0.0100	0.00327	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00020	J	mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Barium, Total	0.3245		mg/l	0.00050	0.00017	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Calcium, Total	123.		mg/l	0.100	0.0394	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00141		mg/l	0.00100	0.00017	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00527		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Copper, Total	0.00317		mg/l	0.00100	0.00038	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Iron, Total	0.691		mg/l	0.0500	0.0191	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Lead, Total	0.00123		mg/l	0.00100	0.00034	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Magnesium, Total	38.6		mg/l	0.0700	0.0242	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Manganese, Total	3.586		mg/l	0.00100	0.00044	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/06/23 10:23	04/10/23 12:42	EPA 7470A	1,7470A	DMB
Nickel, Total	0.00512		mg/l	0.00200	0.00055	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Potassium, Total	8.23		mg/l	0.100	0.0309	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Sodium, Total	71.6		mg/l	0.100	0.0293	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00690	J	mg/l	0.01000	0.00341	1	04/06/23 09:08	04/06/23 14:50	EPA 3005A	1,6020B	NTB



Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

SAMPLE RESULTS

Lab ID: L2317613-10

Date Collected: 04/04/23 00:00

Client ID: DUP 1

Date Received: 04/04/23

Sample Location: PORT CHESTER, NY

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											
Aluminum, Total	0.255		mg/l	0.0100	0.00327	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00019	J	mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Barium, Total	0.3334		mg/l	0.00050	0.00017	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Calcium, Total	126.		mg/l	0.100	0.0394	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00137		mg/l	0.00100	0.00017	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00566		mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Copper, Total	0.00297		mg/l	0.00100	0.00038	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Iron, Total	0.555		mg/l	0.0500	0.0191	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Lead, Total	0.00107		mg/l	0.00100	0.00034	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Magnesium, Total	39.3		mg/l	0.0700	0.0242	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Manganese, Total	3.666		mg/l	0.00100	0.00044	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/06/23 10:23	04/10/23 12:46	EPA 7470A	1,7470A	DMB
Nickel, Total	0.00505		mg/l	0.00200	0.00055	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Potassium, Total	8.36		mg/l	0.100	0.0309	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Sodium, Total	74.6		mg/l	0.100	0.0293	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00706	J	mg/l	0.01000	0.00341	1	04/06/23 09:08	04/06/23 14:54	EPA 3005A	1,6020B	NTB



Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

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): 01-05,10 Batch: WG1763355-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Antimony, Total	ND	mg/l	0.00400	0.00042	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Barium, Total	ND	mg/l	0.00050	0.00017	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Calcium, Total	ND	mg/l	0.100	0.0394	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Chromium, Total	ND	mg/l	0.00100	0.00017	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Copper, Total	ND	mg/l	0.00100	0.00038	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Iron, Total	ND	mg/l	0.0500	0.0191	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Lead, Total	ND	mg/l	0.00100	0.00034	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Manganese, Total	ND	mg/l	0.00100	0.00044	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Nickel, Total	ND	mg/l	0.00200	0.00055	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Potassium, Total	ND	mg/l	0.100	0.0309	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Selenium, Total	ND	mg/l	0.00500	0.00173	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Silver, Total	ND	mg/l	0.00040	0.00016	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Sodium, Total	ND	mg/l	0.100	0.0293	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Thallium, Total	ND	mg/l	0.00100	0.00014	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB
Zinc, Total	ND	mg/l	0.01000	0.00341	1	04/06/23 09:08	04/06/23 13:06	1,6020B	NTB

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): 01-05,10 Batch: WG1763356-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	04/06/23 10:23	04/06/23 17:46	1,7470A	DMB



Project Name: 150 WESTCHESTER AVE

Lab Number: L2317613

Project Number: 11895

Report Date: 04/25/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,10 Batch: WG1763355-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	84		-		80-120	-		
Arsenic, Total	94		-		80-120	-		
Barium, Total	93		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	96		-		80-120	-		
Calcium, Total	91		-		80-120	-		
Chromium, Total	92		-		80-120	-		
Cobalt, Total	92		-		80-120	-		
Copper, Total	91		-		80-120	-		
Iron, Total	92		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	96		-		80-120	-		
Nickel, Total	91		-		80-120	-		
Potassium, Total	97		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	96		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,10 Batch: WG1763355-2					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05,10 Batch: WG1763356-2					
Mercury, Total	102	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

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): 01-05,10 QC Batch ID: WG1763355-3 QC Sample: L2317542-02 Client ID: MS Sample												
Aluminum, Total	0.008J	2	1.95	98		-	-		75-125	-		20
Antimony, Total	0.0005J	0.5	0.4775	96		-	-		75-125	-		20
Arsenic, Total	0.02363	0.12	0.1356	93		-	-		75-125	-		20
Barium, Total	0.03116	2	1.912	94		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.04868	97		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05011	94		-	-		75-125	-		20
Calcium, Total	77.8	10	83.2	54	Q	-	-		75-125	-		20
Chromium, Total	ND	0.2	0.1880	94		-	-		75-125	-		20
Cobalt, Total	0.0008	0.5	0.4579	91		-	-		75-125	-		20
Copper, Total	ND	0.25	0.2290	92		-	-		75-125	-		20
Iron, Total	5.30	1	5.99	69	Q	-	-		75-125	-		20
Lead, Total	ND	0.53	0.4883	92		-	-		75-125	-		20
Magnesium, Total	8.92	10	18.2	93		-	-		75-125	-		20
Manganese, Total	0.7306	0.5	1.204	95		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.4500	90		-	-		75-125	-		20
Potassium, Total	7.42	10	17.0	96		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.114	95		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04807	96		-	-		75-125	-		20
Sodium, Total	31.4	10	40.3	89		-	-		75-125	-		20
Thallium, Total	0.0002J	0.12	0.1204	100		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.4499	90		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,10 QC Batch ID: WG1763355-3 QC Sample: L2317542-02 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4563	91	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05,10 QC Batch ID: WG1763356-3 QC Sample: L2317542-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00531	106	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 150 WESTCHESTER AVE

Project Number: 11895

Lab Number: L2317613

Report Date: 04/25/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,10 QC Batch ID: WG1763355-4 QC Sample: L2317542-02 Client ID: DUP Sample						
Arsenic, Total	0.02363	0.02354	mg/l	0		20
Barium, Total	0.03116	0.03123	mg/l	0		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Manganese, Total	0.7306	0.7383	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Zinc, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05,10 QC Batch ID: WG1763356-4 QC Sample: L2317542-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2317613
Report Date: 04/25/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,10 QC Batch ID: WG1763355-6 QC Sample: L2317542-02 Client ID: DUP Sample						
Arsenic, Total	0.02363	0.02316	mg/l	2		20
Barium, Total	0.03116	0.02962	mg/l	5		20
Manganese, Total	0.7306	0.7147	mg/l	2		20

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler Custody Seal**

A Absent

A1 Absent

B Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2317613-01A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-01B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-01C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-01D	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2317613-01E	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-01F	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-01G	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-01H	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-01I	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-02A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-02B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-02C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Serial_No: 04252311:26
Lab Number: L2317613
Report Date: 04/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2317613-02D	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2317613-02E	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-02F	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-02G	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-02H	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-02I	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-03A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-03B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-03C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-03D	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2317613-03E	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-03F	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-03G	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-03H	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-03I	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-04A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-04B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-04C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Serial_No: 04252311:26
Lab Number: L2317613
Report Date: 04/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2317613-04D	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2317613-04E	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-04F	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-04G	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-04H	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-04I	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-05A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-05B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-05C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-05D	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2317613-05E	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-05F	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-05G	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-05H	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-05I	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-06A	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-07A	Vial HCl preserved	A1	NA		3.3	Y	Absent		NYTCL-8260(14)
L2317613-07B	Vial HCl preserved	A1	NA		3.3	Y	Absent		NYTCL-8260(14)
L2317613-08A	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-09A	Vial HCl preserved	A1	NA		3.3	Y	Absent		ARCHIVE()

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Serial_No: 04252311:26
Lab Number: L2317613
Report Date: 04/25/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2317613-09B	Vial HCl preserved	A1	NA		3.3	Y	Absent		ARCHIVE()
L2317613-10A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-10B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-10C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2317613-10D	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2317613-10E	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-10F	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2317613-10G	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-10H	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2317613-10I	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-NY-1633-DRAFT-21(28)

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Serial_No:04252311:26
Lab Number: L2317613
Report Date: 04/25/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Serial_No:04252311:26
Lab Number: L2317613
Report Date: 04/25/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: 150 WESTCHESTER AVE**Lab Number:** L2317613**Project Number:** 11895**Report Date:** 04/25/23

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: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

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: 150 WESTCHESTER AVE
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Lab Number: L2317613
Report Date: 04/25/23

Data Qualifiers

Identified Compounds (TICs).

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 150 WESTCHESTER AVE
Project Number: 11895

Lab Number: L2317613
Report Date: 04/25/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY		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 _____ of _____		Date Rec'd in Lab 4/4/23		ALPHA Job # L2317613	
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		Project Information Project Name: 150 Westchester Ave Project Location: 150 Westchester Ave, Port Chester NY Project # 11895 (Use Project name as Project #) ☒		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☒ EQuIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO # 11895 Phase 2/6	
Client Information Client: SEST Address: 959 E Rt 46 Parsippany, NJ Phone: 973-808-9050 Fax: _____ Email: luc@sest.org		Project Manager: Jan Stewart ALPHAQuote #: _____ Turn-Around Time Standard ☒ Due Date: 1 week Rush (only if pre approved) ☐ # of Days: _____		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☒ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: _____ ☐ NJ ☐ NY ☐ Other: _____			
These samples have been previously analyzed by Alpha ☐				ANALYSIS Metals ASUOCs TAL Metals PTAS (4/3)		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Sample Specific Comments	
Other project specific requirements/comments:				Please specify Metals or TAL.		Sample Specific Comments		Total Bottles	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
17613-01		MW - 9D		4/3 10:05		GW		CS	
-02		MW - 6		4/3 11:50		GW		CS	
-03		MW - 8D		4/4 11:50		GW		CS	
-04		MW - 5		4/4 9:15		GW		CS	
-05		MW - 7D		4/4 12:25		GIN		CS	
-06		Field Blank		4/3 4:00					
-07		Field Blank		4/3					
-08		Field blank		4/4 2:00					
-09		Field Blank		4/4					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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		Container Type V A P P		Preservative A B C	
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: Paul Mazzella		Date/Time: 4/4/23 3:34		Received By: Paul Mazzella		Date/Time: 4/4/23 15:34	
		Chm Maser AAL		4/4/23 15:54		Chm Maser AAL		4/4/23 17:00	
		Chm Maser AAL		4/4/23 22:40		Chm Maser AAL		4/4/23 22:40	

Attachment E:

DUSRs and EDDs

From: [Scott Hulseapple](#)
To: [dec.sm.NYENVDATA](#)
Cc: [James Vander Vliet, PE, LSRP](#); [Jonathan C Stuart](#)
Subject: EDD Submittal: C360222 - Grand Union Hotel Bowling Alley Site
Date: Monday, July 10, 2023 3:22:16 PM
Attachments: [20230710 1509.C360222.NYSDEC_MERGE_202307101510_Summary.html](#)
[20230710 1509.C360222.NYSDEC_MERGE.zip](#)

[CAUTION]: This email originated from outside the organization. Confirm it is from a legitimate email address. If uncertain - do not click links or open attachments unless you contact the sender and know the content is safe.

The attached EDD is being submitted on behalf of SESI for the Grand Union Hotel Bowling Alley BCP Site (C360221). The file includes sample location information and laboratory data for the 2023 RI.

Scott

Scott M. Hulseapple, PG, CPG

Hydrogeologist

Alpha Geoscience

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shulseapple@alphageoscience.com

https://link.edgepilot.com/s/99a0b6e4/1bMH01Qo_0aMkWEF2HUw_g?u=http://www.alphageoscience.com/

HANIBAL TAYEH, Ph.D. - Data Validation and Forensic Geochemistry Expert

Date: June 28th, 2023

Mr. James Vander Vliet, PE, LSRP, Sr. Project Manager
SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054

Re: Data Usability Summary Reports and Quality Assurance Validation for Project (SDG)
No.: L2317613

Client Project ID: 11895-150 Westchester Avenue, Port Chester, NY

Dear Mr. Vander Vliet,

I thank you for your confidence in our data validation services and look forward to the growth of our business relationship. I have enclosed with this letter the data usability summary reports (DUSRs) and data validation summaries for the above referenced laboratory (SDG) numbers issued by Alpha Analytical Laboratory.

The overall evaluation of the SDG# L2317613 displays good degree of confidence and acceptance in accordance with the guidelines in the USEPA National Functional Guidelines and the method and QC Criteria specified in NYSDEC ASP Documents except for some qualified results that are identified in the validation summaries based solely on the stated above validation guidance criteria. However, the qualified data (Bias low, Bias High, Unreliable or unusable) may be subject to the user's reconsideration or determination in the circumstances of obtaining additional information that is not contained in the data validation criteria.

If you have any questions or comments regarding any of the attached data usability summary reports and or the data validation summaries, please do not hesitate to contact me at (413) 875-5049 or via email at hanibaltayeh@gmail.com.

Sincerely,



Hanibal C. Tayeh, Ph.D.

Data Validation and Forensic Geochemistry Expert

Files: DUSR-SESI- 11895-150 Westchester Avenue, Port Chester, NY - L2317613

DATA USABILITY SUMMARY REPORT (DUSR)

Site Location: 11895-150 Westchester Avenue, Port Chester, NY

Alpha Analytical Laboratory

Laboratory (SDG) # L2317613

Project No. 11895

Prepared for:

Mr. James Vander Vliet, PE, LSRP, Sr. Project Manager

SESI Consulting Engineers

959 Route 46E 3rd Floor

Parsippany, NJ 07054

Prepared by:

Hanibal Tayeh, Ph.D.

Data Validation and Forensic Geochemistry Expert

On

June 28th, 2023

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 2. GLOSSARY OF DATA VALIDATION QUALIFIERS
 3. NYS DEC DATA UASABILITY SUMMARY PARAMETERS
 4. DATA VALIDATION PARAMETERS
 5. DATA VALIDATION ACTIVE STANDARD OPERATING PROCEDURES (SOPs)
 6. DATA VALIDATION REPORT NARRATIVE
- SUPPORT DOCUMENTATION (Refer to the electronic Data Package PDF file)

1. GLOSSARY OF ACRONYMS & TERMS

The following acronyms and terms may have been used in the descriptive process of the Organic and Inorganic Data Validation.

Acronyms:

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (volatile instrument performance check)
BNA	Base/Neutral/Acid
CARD	CLP Analytical Results Database
CCB	Continuing Calibration Blank
CCCs	Calibration Check Compounds
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CLP	Contract Laboratory Program
CN	Cyanide
COC	Chain of Custody
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
CV	Cold Vapor
%D	Percent Difference
DAS	Delivery of Analytical Services
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl (Pesticide/PCB/ surrogate compound)
DFTPP	Decafluorotriphenylphosphine (semivolatile instrument performance check)
DSF	Data Summary Form
DVA	Data Validation Assessment
ECD	Electron-Capture Detector
EICP	Extended Ion Current Profile
EPA	United States Environmental Protection Agency
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/EC	Gas Chromatography/Electron Capture
GC/MS	Gas Chromatography/Mass Spectra
GPC	Gel Permeation Chromatography (Clean Up)
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit

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IRDA	Inorganic Regional Data Assessment
IS	Internal Standard
LCS	Laboratory Control Sample
LCL	Lower Control Limit
MCL	Maximum Contamination Level
MDL	Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
m/z	The ratio of mass (m) to charge (z) of ions measured by GC/MS
OADS	Organic Analysis Data Sheet (Form 1)
ORDA	Organic Regional Data Assessment
PB	Preparation Blank
PCB	Poly Chlorinated Biphenyl
PEM	Performance Evaluation Mixture
PFAS	Polyfluorinated Alkyl Substances (PFAS analytes are listed below)
PRP	Potential Responsible Party
QA/QC	Quality Assurance/Quality Control
QAPjP	Quality Assurance Project Plan
QC	Quality Control
%R	Percent Recovery of spiked amount
RAS	Routine Analytical Services
RF	Response Factor
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RSD	Relative Standard Deviation
RT	Retention Time
RTW	Retention Time Window
SDG	Sample Delivery Group
SMC	System Monitoring Compound
SMO	Sample Management Office
SOP	Standard Operation Procedures
SOW	Statement of Work
SPCCs	System Performance Check Compounds
SSL	Samples Shipping Log
SVOA	Semivolatile Organic Analyte
TAL	Target Analyte List
TCL	Target Compound List
TCX	Tetrachloro-m-Xylene (Pesticide/PCB surrogate compound)
TIC	Tentatively Identified Compound
TPH	Total Petroleum Hydrocarbons
TR	Traffic Report
UCL	Upper Control Limit
VOA	Volatile Organic Analyte
VTSR	Validated Time of Sample Receipt

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTriDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate

Terms:

Associated Samples: Any sample related to a particular QC analysis.

Case: A finite, usually predetermined number of samples collected over a given time period for a particular site. A Case consists of one or more Sample Delivery Group(s).

Continuing Calibration Blank (CCB): A deionized water sample run every ten (10) samples designed to detect any carryover contamination.

Continuing Calibration Verification (CCV): A deionized water sample run every ten (10) samples designed to detect any carryover contamination.

Contract Compliance Screening (CCS): A process in which the SMO inspects the data for contractual compliance and provides EMSL-LV laboratories and the Regions with their findings.

Contractual Holding Time: The time from VTSR (validated time of sample receipt) to laboratory extraction and /or analysis.

Data Validation Qualifier (DVQ): This refers to the column on the data summary form in which EPA Region III and other qualifiers have been placed by the data validator.

Data Validation Result (DVR): This refers to the column on the data summary form used to report results that have been modified by the data validator. A result in the DVR column that is qualified "U" indicates a modification of the reporting limit.

Field Blank Field blanks are intended to identify contaminants that may have been introduced in the field. Examples are rinsate blank (RB), field blanks (FB) and trip blank (TB).

Field Duplicate: A duplicate sample generated in the field; not in the laboratory.

Initial Calibration (ICAL): The establishment of a calibration curve with the appropriate number of standards and concentration ranges. The calibration curve plots absorbances and/or emissions versus concentration of the standards.

Initial Calibration Blank (ICB): First blank run after the calibration curve.

Initial Calibration Verification (ICV): First standard run after the calibration curve.

Matrix Spike/Matrix Spike Duplicate (MS/MSD): Introduction of a known concentration of a compound into a sample to provide information about the effect of sample matrix on the extraction and/or measurement methodology.

Post Digestion Spike: The addition of known amount of standard after digestion. (Also identified as analytical spike, or spike, for furnace analyses).

Preparation Blank (PB): Blank taken through the digestion process to detect internal laboratory contamination.

Performance Evaluation Mixture: A standard used to verify that the ICAL sequence is stable throughout the GC or GC/MS analyses.

Sample Delivery Group (SDG): Defined by one of the following, whichever occurs first:

- case of sample
- each twenty field samples in a case or
- each 14-day calendar period during which field samples in a case are received, beginning with the receipt of the first sample in the SDG.

Serial Dilution: A sample run at a specific dilution to determine whether any significant chemical or physical interferences exist due to sample matrix effect, for ICP only.

Technical Holding Time: The time from sample collection to laboratory extraction and /or analysis.

2. GLOSSARY OF DATA VALIDATION QUALIFIERS

(Used in the QA/QC Reviews for USEPA Region II)

The qualifiers listed below are used for data usability summary report (DUSR) purposes. However, it is important to note that the data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

3. NYS DEC DATA USABILITY SUMMARY PARAMETERS

The parameters listed below are used for data usability summary report (DUSR) evaluation.

<i>Samples Handling and Management</i>
<i>Data Validation References</i>
<i>Laboratory Data Packages</i>
<i>Laboratory Analytical Methods</i>
<i>DATA Usability Assessment Summary</i>

4. DATA VALIDATION SUMMARY PARAMETERS

The parameters listed below are used for data validation evaluation.

	<i>Organic Data</i>	<i>Inorganic Data</i>
<i>Data Completeness</i>	X	X
<i>Holding Time</i>	X	X
<i>Chromatographic Behavior</i>	X	
<i>Compound Identification</i>	X	X
<i>GC/MS Tuning and Mass Calibration</i>	X	
<i>Initial Calibration Verification</i>	X	X
<i>Continuing Calibration</i>	X	X
<i>Method Blank Verification</i>	X	X
<i>Internal Standard Area Summary</i>	X	
<i>Surrogate Recoveries</i>	X	
<i>Matrix Spike/Matrix Spike Duplicate</i>	X	X
<i>Laboratory Control Sample (LCS)</i>	X	X
<i>Laboratory and Field Duplicates</i>	X	X
<i>ICP Interference Check Sample results</i>		X
<i>ICP Serial Dilution results</i>		X
<i>ICP CRDL Standard</i>		X
<i>Post Digestion Spike Analysis</i>		X
<i>Analyte Quantitation</i>		X

5. DATA VALIDATION ACTIVE STANDARD OPERATING PROCEDURES (SOPs)

Region 2 Quality Assurance Guidance and Standard Operating Procedures

<https://www.epa.gov/quality/region-2-quality-assurance-guidance-and-standard-operating-procedures>

Inorganic Validation SOPs

SOP #	Description	Date
SOP HW-3a ICP-AES Rev1 w/CRF	CLP ISM02.2 ICP-AES	September 2016
SOP HW-3b ICP-MS Rev1 w/CRF	CLP ISM02.2 ICP-MS	September 2016
SOP HW-3c Hg & CN Rev1 w/CRF	CLP ISM02.2 Mercury and Cyanide	September 2016

Organic Validation SOPs - CLP

SOP #	Description	Date
SOP HW-33A Low Medium VOA Rev 1 w/CRF	EPA CLP Method SOM02.2 for Low/Medium VOA	September 2016
SOP HW-34A Trace VOA Rev1 w/CRF	EPA CLP Method SOM02.2 for Trace VOA	September 2016
SOP HW-35A Rev1 w/CRF	EPA CLP Method SOM02.2 for Semi-Volatiles	September 2016
SOP HW-36A Rev 1 w/CRF	EPA CLP Method SOM02.2 for Pesticides	October 2016
SOP HW-37A Rev 0 w/CRF	EPA CLP Method SOM02.2 for PCBs Aroclor	June 2015

Organic Validation SOPs – Other

SOP #	Description	Date
SOP HW-11 Rev 3	SW-846 Method 8280 for Polychlorinated Dibenzodioxins/Polychlorinated Dibenzofurans	December 2010
SOP HW-16 Rev. 2.1	SW-846 Method 8330A Nitroaromatics and Nitroamines by HPLC	December 2010
SOP HW-17 Rev.3.1	SW-846 Method 8151A for Chlorinated Herbicides by GC	December 2010
SOP HW-19 Rev. 1.1	SW-846 Method 8290 for Polychlorinated dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by HRMS	December 2010
SOP HW-22 Rev. 5	SW-846 Method 8270D for Semivolatile Organic Compounds by GC/MS	December 2010
SOP HW-25 Rev. 3	EPA Method 1613, Revision B Tetra-through Octa-chlorinated Dioxins and Furans by Isotope Dilution by HRGC/HRMS	December 2010
SOP HWSS 24 Rev. 4	SW-846 Methods 8260B & 8260C for VOCs by GC/MS	October 2014
SOP HW-29 Rev. 2	EPA Method 524.2 for Purgeable Organic Compounds in Water by GC/MS	November 2010
SOP HW-31 Rev. 6	TO-15 Air Analysis for VOCs	September 2016
SOP HW-44 Rev. 1.1	SW-846 Method 8081B for Pesticide Compounds Organochlorine Pesticides by GC	December 2010
SOP HW-46 Rev. 1	EPA Method 1668 A for Chlorinated Biphenyl Congeners and EPA Non-RAS CBC01.0	September 2008

SOP HW-55 Rev. 2 w/CRF	EPA Non-RAS DLM02.0 for Tetra -through Octa-Chlorinated Dioxins and Furans by Isotope Dilution	December 2008
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6. DATA VALIDATION REPORT NARRATIVE

NYS DEC Data Usability Summary Report	SDG # L2317613
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NYS DEC Data Usability Summary Report**SDG # L2317613**

Site Location	11895-150 Westchester Avenue, Port Chester, NY
Data Validation for Analytical Methods	Volatile Organic (SW846 8260D); Semi-Volatile (SW846 8270E), Semi-Volatile SIM (SW846 8270E), PFAS (537m Method), TAL Metals (SW846 6020B, 7470A),
Analytical Laboratory	Alpha Analytical Laboratory
Number of Samples & Matrix	5 Water Samples, 1 Duplicate Water Sample, 2 Field Blanks, 2 Trip Blanks
Sampled On	04/03 & 04/2023
Laboratory Report Number	L2317613 (01 through 10)
Data Validation Reviewer	Hanibal Tayeh, Ph.D.
Data Validation Completed	June 28 th , 2023

- SAMPLE HANDLING AND MANAGEMENT**

As per the chain of custody (COC) record included in this specific SDG, samples associated with this data set were collected on 04/03 & 04/2023, using the proper containers in accordance with the Sample Integrity and Preservation section of the stated above USEPA method and received by the laboratory on 04/04/2023. The attached chain of custody (COC) displays a satisfactory record in terms of client and project information, site location, field sampling details (sampler, collection date and time), sample identification and matrix, preservation, required analysis, deliverable type and date, data management process and comparison.

Laboratory Sample Identification	Client Sample Identification
L2317613-01	MW-9D
L2317613-02	MW-6
L2317613-03	MW-8D
L2317613-04	MW-5
L2317613-05	MW-7D
L2317613-06	FIELD BLANK
L2317613-07	TRIP BLANK
L2317613-08	FIELD BLANK
L2317613-09	TRIP BLANK
L2317613-10	DUP 1

- DATA VALIDATION REFERENCES**

The organic data validation is conducted in accordance with the guidelines in the USEPA National Functional Guidelines for Organic Data Review and the USEPA Region II SOP

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HW-6-CLP Organic Data Review Preliminary review and the method and QC Criteria specified in NYSDEC ASP Documents.

The inorganic data validation is conducted in accordance with the guidelines in the USEPA National Functional Guidelines for Inorganic Data Review and the USEPA Region II SOP HW-2, Evaluation of Metals Data for the Contract Laboratory Program based on ILM05.3 and the method and QC Criteria specified in NYSDEC ASP Documents.

- **LABORATORY DATA PACKAGES**

The laboratory data packages for the stated SDG above are considered satisfactory in terms of pagination, quality control narration and completeness. Each package contained the laboratory quality assurance summary report, quality control summary data, sample nonconformance summaries, the required data package forms, and tables in accordance with NYSDEC ASP documents, instrument tuning information, sample preparation and analysis batch and all associated standard, quality control and sample raw data.

- **LABORATORY ANALYTICAL METHODS**

A peer review of the quality assurance criteria listed in the laboratory data package shows with good degree of certainty the laboratory's compliance with the procedures set forth in the required USEPA analytical methods as indicated in the chain of custody. No deviations from the said methods have been noticed.

- **DATA USABILITY ASSESSMENT SUMMARY**

The overall data package assessment provided by the laboratory for the stated above sample delivery group (SDG) suggests acceptable laboratory performances of the required methods. All samples were successfully analyzed for all target compounds in accordance with the Quality Assurance/Quality Control (QA/QC) requirements for the USEPA analytical methods used for the analyses.

In view of the data usability and completeness, the minor issues listed below regarding biases identified during data validation should be taken into high degree of consideration. They are as follows:

✓ **Volatile Organic Compounds – SW846 8260D Method**

	Data Assessment Judgement <i>(Refer to Data Validation Assessment of a specific method for technical reasoning and argument behind such judgement)</i>	DVA Reference
1	-Detected results of 1,4-Dioxane, in samples L2317613-02/MW-6, L2317613-10/DUP 1, should be qualified Estimated (J).	ICV

	-Detected results of 1,4-Dioxane, 1,1,2-Trichloroethane, in sample L2317613-07/TRIP BLANK, should be qualified Estimated (J). -Detected results of cis-1,2-Dichloroethene, Bromochloromethane, Trichloroethene, Bromodichloromethane, 1,4-Dioxane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, 1,2-Dibromoethane, in samples L2317613-01D/MW-9D, L2317613-03D/MW-8D, L2317613-04D/MW-5, L2317613-05D/MW-7D, should be qualified Estimated (J).	
2	-Detected results of Iodomethane, 1,4-Dioxane, 1,1,2-Trichloroethane, in sample L2317613-07/TRIP BLANK, should be qualified Estimated (J). -Detected results of Bromomethane, Acrolein, tert-Butyl alcohol, 4-Methyl-2-pentanone, Ethyl methacrylate, 2-Hexanone, Bromoform, trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-chloropropane, Naphthalene, 1,4-Dioxane, 1,1,2-Trichloroethane, in samples L2317613-02/MW-6, L2317613-10D/DUP 1, should be qualified Estimated (J). -Detected results of Bromomethane, cis-1,2-Dichloroethene, Bromochloromethane, Trichloroethene, Bromodichloromethane, 1,4-Dioxane, cis-1,3-Dichloropropene, trans-1,3-Dichloroethene, 1,1,2-Trichloroethane, 1,2-Dibromoethane, in samples L2317613-01D/MW-9D, L2317613-03D/MW-8D, L2317613-04D/MW-5, L2317613-05D/MW-7D, should be qualified Estimated (J).	CCV

✓ **Semi-Volatile Organic Compounds – SW846 8270E Method**

	Data Assessment Judgement (Refer to Data Validation Assessment of a specific method for technical reasoning and argument behind such judgement)	DVA Reference
1	-Detected results of 2,4-Dimethylphenol, Acetophenone, Diphenamid, in samples L2317613-01/MW-9D, L2317613-02/MW-6, should be qualified Estimated (J). -Detected results of Pentachlorophenol, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (J).	CCV
2	-Detected results of 3,3'-Dichlorobenzidine, 4-Chloroaniline, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated Bias Low (J-). -Non-Detected results of 3,3'-Dichlorobenzidine, 4-Chloroaniline, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (UJ).	LCS

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	-Detected results of 4-Chloroaniline, 2,4-Dimethylphenol, Benzoic Acid, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (J).	
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✓ Semi-Volatile Organic Compounds – SW846 8270E SIM Method

	Data Assessment Judgement <i>(Refer to Data Validation Assessment of a specific method for technical reasoning and argument behind such judgement)</i>	DVA Reference
1	-Detected results of n-nitrosodi-n-propylamine, 4,6-Dinitro-o-cresol, Bis(2-ethylhexyl)phthalate, in samples L2317613-01/MW-9D, L2317613-02/MW-6, should be qualified Estimated (J). -Detected results of 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, 4,6-Dinitro-o-cresol, Bis(2-ethylhexyl)phthalate, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (J).	CCV

✓ PFAS - 537m Method

	Data Assessment Judgement <i>(Refer to Data Validation Assessment of a specific method for technical reasoning and argument behind such judgement)</i>	DVA Reference
1	-Detected results of N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) , in samples L2317613-01/MW-9D, L2317613-02/MW-6, L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-06/FIELD BLANK, L2317613-08/FIELD BLANK, L2317613-10/DUP 1, should be qualified Estimated (J).	DUP

✓ TAL Metals - SW846 6020B, 7470A Methods

	Data Assessment Judgement <i>(Refer to Data Validation Assessment of a specific method for technical reasoning and argument behind such judgement)</i>	DVA Reference
1	Detected results of Aluminum, Iron , in samples L2317613-01/MW-9D, L2317613-02/MW-6, L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (J).	DUP

Data Validation Assessment

SDG # L2317613

Data Validation for Analytical Method	Volatile Organic Compounds (SW846 8260D Method)
Number of Samples & Matrix	5 Water Samples, 1 Duplicate Water Sample, 2 Field Blanks, 2 Trip Blanks
Sampled On	04/03 & 04/2023
Laboratory Report Number	L2317613 (01 through 10)
Data Validation Reviewer	Hanibal Tayeh, Ph.D.
Data Validation Completed	June 28 th , 2023

- **Data Completeness:** The data deliverable package provided by the laboratory in accordance with the ASP B deliverable standards is considered complete.
- **Holding Time (HOLDT):** According to the laboratory quality assurance report and its associated data package, the samples set listed in this SDG number were analyzed within the method holding times as recommended by USEPA and SW846 Methods.
- **Chromatographic Behavior:** This laboratory data package including but not limited to the standards, quality control samples and field sample analyses raw data (data reduction and chromatograms), display with good degree of certainty the laboratory's full compliance with the chromatographic criteria set forth in the USEPA and SW846 methods.
- **Compound Identification:** Target compounds, internal standards and surrogates were thoroughly checked and found to be within the gas chromatograph/mass spectrometry (GCMS) method quantitation limits and in accordance with the USEPA and SW846 methods for mass spectra identification and quantification using both the primary and secondary ions as defined in the method.
- **GC/MS Tuning and Mass Calibration:** The standard tuning criteria were within control limits as outlined in the EPA and SW846 methods.
- **Initial Calibration Verification (ICV):** As indicated in the method calibration criteria, the initial calibration standards of this data set have been evaluated for compliance with method criteria for Average Response Factor (RRFs) and Percent Relative Standard Deviation (%RSDs) and in some cases the coefficient of determination COD: (Average RRFs must be greater than the required values and at least greater than 0.01 for all target compounds and >0.001 for 1,4 Dioxane, %RSD must be less than 20%, and the coefficient of determination (COD) must be greater than 0.995). This evaluation displays the following:

-In the initial calibration reference sample: ICAL19842, VOA101 updated on 03/23/2023, both the average RRFs, %RSDs and the coefficient of determination (COD), for all

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reported target compounds were in compliance with the method calibration criteria, EXCEPT:

*RRFs for 1,4-Dioxane, was below the allowable minimum.

-In the initial calibration reference sample: ICAL19890, VOA108 updated on 04/05/2023, both the average RRFs, %RSDs and the coefficient of determination (COD), for all reported target compounds were in compliance with the method calibration criteria, EXCEPT:

*RRFs for 1,4-Dioxane, 1,1,2-Trichloroethane, were below the allowable minimum.

-In the initial calibration reference sample: ICAL19889, VOA130 updated on 04/05/2023, both the average RRFs, %RSDs and the coefficient of determination (COD), for all reported target compounds were in compliance with the method calibration criteria, EXCEPT:

*RRFs for cis-1,2-Dichloroethene, Bromochloromethane, Trichloroethene, Bromodichloromethane, 1,4-Dioxane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, 1,2-Dibromoethane, were below the allowable minimum.

No action is required when less than 20% of the continuing calibration target compounds are outside the method control limits provide no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds.

Quality Judgement:

-Detected results of 1,4-Dioxane, in samples L2317613-02/MW-6, L2317613-10/DUP 1, should be qualified Estimated (J).

-Detected results of 1,4-Dioxane, 1,1,2-Trichloroethane, in sample L2317613-07/TRIP BLANK, should be qualified Estimated (J).

-Detected results of cis-1,2-Dichloroethene, Bromochloromethane, Trichloroethene, Bromodichloromethane, 1,4-Dioxane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, 1,2-Dibromoethane, in samples L2317613-01/MW-9D, L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, should be qualified Estimated (J).

- **Continuing Calibration Verification (CCV):** As indicated in the method calibration criteria, the continuing calibration standard of this data set has been evaluated for compliance with method criteria for the required frequency, Relative Response Factor (RRFs) and Percent Difference (%Ds). This evaluation displays the following:

-The continuing calibration reference sample: WG1763951-2, Lab File ID# V08230406N01, VOA108 analyzed on 04/06/2023, met the required criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds), EXCEPT:

*%Ds for Iodomethane, was above the allowable maximum.

*RRFs for 1,4-Dioxane, 1,1,2-Trichloroethane, were below the allowable minimum.

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-The continuing calibration reference sample: WG1765107-2, Lab File ID# V01230407A01, VOA101 analyzed on 04/07/2023, met the required criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds), EXCEPT:

*%Ds for Bromomethane, Acrolein, tert-Butyl alcohol, 4-Methyl-2-pentanone, Ethyl methacrylate, 2-Hexanone, Bromoform, trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-chloropropane, Naphthalene, were above the allowable maximum.

*RRFs for 1,4-Dioxane, 1,1,2-Trichloroethane, were below the allowable minimum.

-The continuing calibration reference sample: WG1765146-2, Lab File ID# V30230407N01, VOA130 analyzed on 04/07/2023, met the required criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds), EXCEPT:

*%Ds for Bromomethane, was above the allowable maximum.

*RRFs for cis-1,2-Dichloroethene, Bromochloromethane, Trichloroethene, Bromodichloromethane, 1,4-Dioxane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Chlorodibromomethane, 1,2-Dibromoethane, were below the allowable minimum.

No action is required when less than 20% of the continuing calibration target compounds are outside the method control limits provide no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds.

Quality Judgement:

-Detected results of Iodomethane, 1,4-Dioxane, 1,1,2-Trichloroethane, in sample L2317613-07/TRIP BLANK, should be qualified Estimated (J).

-Detected results of Bromomethane, Acrolein, tert-Butyl alcohol, 4-Methyl-2-pentanone, Ethyl methacrylate, 2-Hexanone, Bromoform, trans-1,4-Dichloro-2-butene, 1,2-Dibromo-3-chloropropane, Naphthalene, 1,4-Dioxane, 1,1,2-Trichloroethane, in samples L2317613-02/MW-6, L2317613-10/DUP 1, should be qualified Estimated (J).

-Detected results of Bromomethane, cis-1,2-Dichloroethene, Bromochloromethane, Trichloroethene, Bromodichloromethane, 1,4-Dioxane, cis-1,3-Dichloropropene, trans-1,3-Dichloroethene, 1,1,2-Trichloroethane, 1,2-Dibromoethane, in samples L2317613-01/MW-9D, L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, should be qualified Estimated (J).

- **Method Blank Verification (BLK):** Method blank analyses included in this data set of laboratory data package concluded no detection for the target compounds above the method reporting limits (RL), in lab sample reference: WG1763951-5BLANK, analyzed on 04/06/2023, WG1765107-5BLANK, WG1765146-5BLANK, analyzed on 04/07/2023.

Quality Judgement: No actions are required.

- **Internal Standard Area Summary (IS):** As indicated in the method internal standard criteria, the laboratory data package for the stated SDG confirmed the following:
-The internal standard retention times were within method control limits.

-The internal standard areas were within method control limits.

Quality Judgement: No actions are required.

- **Surrogate Recoveries (SR):** An evaluation of the surrogate standards behavior in the SDG data set concluded that the surrogate recoveries for all samples were within method control limits for all samples.

Quality Judgement: No actions are required.

- **Laboratory Control Sample (LCS):** As required by the method quality assurance/quality control criteria, the laboratory control samples in this data set have been evaluated for method compliance purposes (Percent Recoveries: %Rs and Relative Percent Difference: %RPDs). The following summarizes this evaluation:

-In LCS ID# WG1763951-3, on 04/06/2023, %Rs for all target volatile compounds were within the method control limits.

-In LCS DUP ID# WG1763951-4, on 04/06/2023, %Rs for all target volatile compounds were within the method control limits. %RPDs were below the allowable maximum.

-In LCS ID# WG1765107-3, on 04/07/2023, %Rs for all target volatile compounds were within the method control limits.

-In LCS DUP ID# WG1765107-4, on 04/07/2023, %Rs for all target volatile compounds were within the method control limits. %RPDs were below the allowable maximum.

-In LCS ID# WG1765146-3, on 04/07/2023, %Rs for all target volatile compounds were within the method control limits.

-In LCS DUP ID# WG1765146-4, on 04/07/2023, %Rs for all target volatile compounds were within the method control limits. %RPDs were below the allowable maximum.

Quality Judgement: No actions are required.

- **Laboratory and Field Duplicates (DUP):** As required by the method quality assurance/quality control criteria, the laboratory and or field duplicate samples in a designated sample listed in this data set have been evaluated for method compliance purposes. The following summarizes this evaluation:

-No laboratory duplicate was included in this samples set.

-Field Duplicate sample ID# L2317613-10/DUP 1, and its source ID# L2317613-05/MW-7D, display the following evaluation in table listed below:

	Detected Compounds	L2317613-05 MW-7D (ug/L)	L2317613-10 DUP 1 (ug/L)	%RPDs
1	Tetrachloroethene	3800	3400	11.1
2	Trichloroethene	620	600	3.3
3	cis-1,2-Dichloroethene	54J	55J	1.8
4	1,2-Dichloroethene, Total	54J	55J	1.8

%RPDs for the detected target VOCs compounds were below the allowable maximum.

Quality Judgement: No actions are required.

- **Matrix Spike and Matrix Spike Duplicate (MS/MSD):** As required by the method quality assurance/quality control criteria, the matrix spike and matrix spike duplicate in a designated sample listed in this data set has been evaluated for method compliance purposes. The following summarizes this evaluation:
-No laboratory matrix spike nor matrix spike duplicate were included in this samples set.

Quality Judgement: No actions are required.

- **Analyte Quantitation:** Target compounds were quantitated using the proper method calculation criteria in accordance with the USEPA and SW846 methods procedures and guidelines.

(All associated QC forms, tables, chromatograms and others will be attached after each Data validation Assessment summary per analytical method of the titled SDG number)

Data Validation Assessment

SDG # L2317613

Data Validation for Analytical Method	Semi-Volatile Organic Compounds (SW846 8270E Method)
Number of Samples & Matrix	5 Water Samples, 1 Duplicate Water Sample, 2 Field Blanks, 2 Trip Blanks
Sampled On	04/03 & 04/2023
Laboratory Report Number	L2317613 (01 through 10)
Data Validation Reviewer	Hanibal Tayeh, Ph.D.
Data Validation Completed	June 28 th , 2023

- **Data Completeness:** The data deliverable package provided by the laboratory in accordance with the ASP B deliverable standards is considered complete.
- **Holding Time:** According to the laboratory quality assurance report and its associated data package, the samples set listed in this SDG number were extracted and analyzed within the method holding times as recommended by USEPA and SW846 Methods.
- **Chromatographic Behavior:** This laboratory data package including but not limited to the standards, quality control samples and field sample analyses raw data (data reduction and chromatograms) display with good degree of certainty the laboratory's full compliance with the chromatographic criteria set forth in the USEPA and SW846 methods.
- **Compound Identification:** Target compounds, internal standards and surrogates were thoroughly checked and found to be within the gas chromatograph/mass spectrometry (GCMS) method quantitation limits and in accordance with the USEPA and SW846 methods for mass spectra identification and quantification using both the primary and secondary ions as defined in the method.
- **GC/MS Tuning and Mass Calibration:** The DFTPP tuning criteria were within control limits as outlined in the EPA and SW846 methods.
- **Initial Calibration Verification (ICV):** As indicated in the method calibration criteria, the initial calibration standards of this data set have been evaluated for compliance with method criteria for Average Response Factor (RRFs) and Percent Relative Standard Deviation (%RSDs) and in some cases the coefficient of determination COD: (In general, Average RRFs must be greater than the required values as defined by EPA/SW846 Method. %RSD must be less than 20%, and the coefficient of determination (COD) must be greater than 0.995). This evaluation displays the following:

-In the initial calibration ID# ICAL19895, SV106, updated on 04/06/2023, Average RRFs were above the allowable minimum as required by the method, %RSDs were below the

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method allowable maximum (20%). The coefficient of determination (COD) was greater than 0.99.

Quality Judgement: No actions are required.

- **Continuing Calibration Verification (CCV):** As indicated in the method calibration criteria, the continuing calibration standard of this data set has been evaluated for compliance with method criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds) and confirmed the following:

-In the continuing calibration (Sample: WG1763275-3, ABN0406, WG1763275-4, AP90406, WG1763275-5, ADP0406, SV106, on 04/07/2023), The RRFs for target compounds were above the minimum values set by the method. %Ds were below the allowable maximum, EXCEPT:

*%Ds for 2,4-Dimethylphenol, Acetophenone, Diphenamid, were above the allowable maximum.

-In the continuing calibration (Sample: WG1764262-3, ABN0408, WG1764262-4, AP90408, WG1764262-5, ADP0408, SV106, on 04/08/2023), The RRFs for target compounds were above the minimum values set by the method. %Ds were below the allowable maximum, EXCEPT:

*%Ds for Pentachlorophenol, was above the allowable maximum.

No action is required when less than 20% of the target compounds do not meet the method control limits provide no Relative Response Factor (RRFs) is less than 0.01 for all target compounds as the allowable minimum.

Quality Judgement:

-Detected results of 2,4-Dimethylphenol, Acetophenone, Diphenamid, in samples L2317613-01/MW-9D, L2317613-02/MW-6, should be qualified Estimated (J).

-Detected results of Pentachlorophenol, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (J).

- **Method Blank Verification:** Method blank analyses included in this data set of laboratory data package reported no detection for target compounds above the method reporting limits (RL), in WG1763460-1BLANK, analyzed on 04/07/2023, WG1764202-1BLANK, analyzed on 04/08/2023.

Quality Judgement: No actions are required.

- **Internal Standard Area Summary (IS):** As indicated in the method internal standard criteria, the laboratory data package for the stated SDG confirmed the following:
-The internal standard retention times were within method control limits.

-The internal standard areas were within method control limits.

Quality Judgement: No actions are required.

- **Surrogate Recoveries (SR):** An evaluation of the surrogate standards behavior in the SDG data set concluded that the surrogate recoveries of all samples were within method control limits.

Quality Judgement: No actions are required.

- **Laboratory Control Sample (LCS):** As required by the method quality assurance/quality control criteria, the laboratory control samples in this data set have been evaluated for method compliance purposes. The following summarizes this evaluation:

-In LCS WG1763460-2, 04/07/2023, Percent recoveries (%Rs) for all target compounds were within method control limits.

-In LCS DUP WG1763460-3, 04/07/2023, Percent recoveries (%Rs) for all target compounds were within method control limits. %RPDs were below the allowable maximum.

-In LCS WG1764202-2, 04/08/2023, Percent recoveries (%Rs) for all target compounds were within method control limits, EXCEPT:

*%Rs for 3,3'-Dichlorobenzidine, 4-Chloroaniline, were below control limits.

-In LCS DUP WG1764202-3, 04/08/2023, Percent recoveries (%Rs) for all target compounds were within method control limits. %RPDs were below the allowable maximum, EXCEPT:

*%Rs for 3,3'-Dichlorobenzidine, 4-Chloroaniline, were below control limits.

*%RPDs for 4-Chloroaniline, 2,4-Dimethylphenol, Benzoic Acid, were above the allowable maximum.

Quality Judgement:

-Detected results of 3,3'-Dichlorobenzidine, 4-Chloroaniline, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated Bias Low (J-).

-Non-Detected results of 3,3'-Dichlorobenzidine, 4-Chloroaniline, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (UJ).

-Detected results of 4-Chloroaniline, 2,4-Dimethylphenol, Benzoic Acid, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (J).

- **Laboratory and Field Duplicates (DUP):** As required by the method quality assurance/quality control criteria, the laboratory and or field duplicate samples in a designated sample listed in this data set have been evaluated for method compliance purposes. The following summarizes this evaluation:

-No laboratory duplicate analysis was included in this samples set.

-Field Duplicate sample ID# L2317613-10/DUP 1, and its source ID# L2317613-05/MW-7D, display no detection of target SVOCs compounds.

Quality Judgement: No actions are required.

- **Matrix Spike and Matrix Spike Duplicate (MS/MSD):** As required by the method quality assurance/quality control criteria, the matrix spike and matrix spike duplicate in a designated sample listed in this data set has been evaluated for method compliance purposes. The following summarizes this evaluation:
-No laboratory matrix spike nor matrix spike duplicate were included in this samples set.

Quality Judgement: No actions are required.

- **Analyte Quantitation:** Target compounds were quantitated using the proper method calculation criteria in accordance with the USEPA and SW846 methods procedures and guidelines.

(All associated QC forms, tables, chromatograms and others will be attached after each Data validation Assessment summary per analytical method of the titled SDG number)

Data Validation Assessment

SDG # L2317613

Data Validation for Analytical Method	Semi-Volatile Organic Compounds SIM (SW846 8270E - SIM Method)
Number of Samples & Matrix	5 Water Samples, 1 Duplicate Water Sample, 2 Field Blanks, 2 Trip Blanks
Sampled On	04/03 & 04/2023
Laboratory Report Number	L2317613 (01 through 10)
Data Validation Reviewer	Hanibal Tayeh, Ph.D.
Data Validation Completed	June 28 th , 2023

- **Data Completeness:** The data deliverable package provided by the laboratory in accordance with the ASP B deliverable standards is considered complete.
- **Holding Time:** According to the laboratory quality assurance report and its associated data package, the samples set listed in this SDG number were extracted and analyzed within the method holding times as recommended by USEPA and SW846 Methods.
- **Chromatographic Behavior:** This laboratory data package including but not limited to the standards, quality control samples and field sample analyses raw data (data reduction and chromatograms) display with good degree of certainty the laboratory's full compliance with the chromatographic criteria set forth in the USEPA and SW846 methods.
- **Compound Identification:** Target compounds, internal standards and surrogates were thoroughly checked and found to be within the gas chromatograph/mass spectrometry (GCMS) method quantitation limits and in accordance with the USEPA and SW846 methods for mass spectra identification and quantification using both the primary and secondary ions as defined in the method.
- **GC/MS Tuning and Mass Calibration:** The DFTPP tuning criteria were within control limits as outlined in the EPA and SW846 methods.
- **Initial Calibration Verification (ICV):** As indicated in the method calibration criteria, the initial calibration standards of this data set have been evaluated for compliance with method criteria for Average Response Factor (RRFs) and Percent Relative Standard Deviation (%RSDs) and in some cases the coefficient of determination COD: (In general, Average RRFs must be greater than the required values as defined by EPA/SW846 Method. %RSD must be less than 20%, and the coefficient of determination (COD) must be greater than 0.995). This evaluation displays the following:

-In the initial calibration ID# ICAL19459, SV125, updated on 11/01/2022, Average RRFs were above the allowable minimum as required by the method, %RSDs were below the

method allowable maximum (20%). The coefficient of determination (COD) was greater than 0.99.

-In the initial calibration ID# ICAL19785, SV119, updated on 03/06/2023, Average RRFs were above the allowable minimum as required by the method, %RSDs were below the method allowable maximum (20%). The coefficient of determination (COD) was greater than 0.99.

Quality Judgement: No actions are required.

- **Continuing Calibration Verification (CCV):** As indicated in the method calibration criteria, the continuing calibration standard of this data set has been evaluated for compliance with method criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds) and confirmed the following:

-In the continuing calibration (Sample: WG1763523-3, CCV0406A, SV125, on 04/06/2023), The RRFs for target compounds were above the minimum values set by the method. %Ds were below the allowable maximum, EXCEPT:

*%Ds for 2,4-Dinitrotoluene, 4,6-Dinitro-o-cresol, Pentachlorophenol, Bis(2-ethylhexyl)phthalate, were above the allowable maximum.

-In the continuing calibration (Sample: WG1764011-3, CCV0407, SV125, on 04/07/2023), The RRFs for target compounds were above the minimum values set by the method. %Ds were below the allowable maximum, EXCEPT:

*%Ds for n-nitrosodi-n-propylamine, 4,6-Dinitro-o-cresol, Bis(2-ethylhexyl)phthalate, were above the allowable maximum.

-In the continuing calibration (Sample: WG1764537-3, CCV0409N, SV119, on 04/09/2023), The RRFs for target compounds were above the minimum values set by the method. %Ds were below the allowable maximum, EXCEPT:

*%Ds for 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, 4,6-Dinitro-o-cresol, Bis(2-ethylhexyl)phthalate, were above the allowable maximum.

No action is required when less than 20% of the target compounds do not meet the method control limits provide no Relative Response Factor (RRFs) is less than 0.01 for all target compounds as the allowable minimum.

Quality Judgement:

-Detected results of n-nitrosodi-n-propylamine, 4,6-Dinitro-o-cresol, Bis(2-ethylhexyl)phthalate, in samples L2317613-01/MW-9D, L2317613-02/MW-6, should be qualified Estimated (J).

-Detected results of 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, 4,6-Dinitro-o-cresol, Bis(2-ethylhexyl)phthalate, in samples L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (J).

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- **Method Blank Verification:** Method blank analyses included in this data set of laboratory data package reported no detection for target compounds above the method reporting limits (RL), in WG1763506-1BLANK, on 04/06/2023.
Quality Judgement: No actions are required.
- **Internal Standard Area Summary (IS):** As indicated in the method internal standard criteria, the laboratory data package for the stated SDG confirmed the following:
 - The internal standard retention times were within method control limits.
 - The internal standard areas were within method control limits.Quality Judgement: No actions are required.
- **Surrogate Recoveries (SR):** An evaluation of the surrogate standards behavior in the SDG data set concluded that the surrogate recoveries of all samples were within method control limits.
Quality Judgement: No actions are required.
- **Laboratory Control Sample (LCS):** As required by the method quality assurance/quality control criteria, the laboratory control samples in this data set have been evaluated for method compliance purposes. The following summarizes this evaluation:
 - In LCS WG1763506-2, 04/06/2023, Percent recoveries (%Rs) for all target compounds were within method control limits.
 - In LCS DUP WG1763506-3, 04/06/2023, Percent recoveries (%Rs) for all target compounds were within method control limits. %RPDs were below the allowable maximum.
 - In LCS WG1764203-2, 04/09/2023, Percent recoveries (%Rs) for all target compounds were within method control limits.
 - In LCS DUP WG1764203-3, 04/09/2023, Percent recoveries (%Rs) for all target compounds were within method control limits. %RPDs were below the allowable maximum.Quality Judgement: No actions are required.
- **Laboratory and Field Duplicates (DUP):** As required by the method quality assurance/quality control criteria, the laboratory and or field duplicate samples in a designated sample listed in this data set have been evaluated for method compliance purposes. The following summarizes this evaluation:
 - No laboratory duplicate analysis was included in this samples set.
 - Field Duplicate sample ID# L2317613-10/DUP 1, and its source ID# L2317613-05/MW-7D, display the following evaluation as listed in the table below:

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	Detected Compounds	L2317613-05 MW-7D (ug/L)	L2317613-10 DUP 1 (ug/L)	%RPDs
1	Phenanthrene	0.11	0.11	0

%RPDS for the detected target SVOCs compounds were below the allowable maximum.

Quality Judgement: No actions are required.

- **Matrix Spike and Matrix Spike Duplicate (MS/MSD):** As required by the method quality assurance/quality control criteria, the matrix spike and matrix spike duplicate in a designated sample listed in this data set has been evaluated for method compliance purposes. The following summarizes this evaluation:

-No laboratory matrix spike nor matrix spike duplicate were included in this samples set.

Quality Judgement: No actions are required.

- **Analyte Quantitation:** Target compounds were quantitated using the proper method calculation criteria in accordance with the USEPA and SW846 methods procedures and guidelines.

(All associated QC forms, tables, chromatograms and others will be attached after each Data validation Assessment summary per analytical method of the titled SDG number)

Data Validation Assessment

SDG # L2317613

Data Validation for Analytical Method	PFAS-NYSDEC Target List (EPA 537m Method)
Number of Samples & Matrix	5 Water Samples, 1 Duplicate Water Sample, 2 Field Blanks, 2 Trip Blanks
Sampled On	04/03 & 04/2023
Laboratory Report Number	L2317613 (01 through 10)
Data Validation Reviewer	Hanibal Tayeh, Ph.D.
Data Validation Completed	June 28 th , 2023

- **Data Completeness:** The data deliverable package provided by the laboratory in accordance with the ASP B deliverable standards is considered complete.
- **Holding Time (HOLDT):** According to the laboratory quality assurance report and its associated data package, the samples set listed in this SDG number were extracted and analyzed within the method holding times as recommended by USEPA and SW846 Methods.
- **Chromatographic Behavior:** This laboratory data package including but not limited to the standards, quality control samples and field sample analyses raw data (data reduction and chromatograms) display with good degree of certainty the laboratory's full compliance with the chromatographic criteria set forth in the USEPA and SW846 methods.
- **Compound Identification:** Target compounds, internal standards and surrogates were thoroughly checked and found to be within the Liquid Chromatograph/Mass Spectrometry (LCMS) method quantitation limits and in accordance with the USEPA and SW846 methods for mass spectra identification and quantification using both the primary and secondary ions as defined in the method.
- **Initial Calibration Verification (ICV):** As indicated in the method calibration criteria, the initial calibration standards of this data set have been evaluated for compliance with method criteria for Average Response Factor (RRFs) and Percent Relative Standard Deviation (%RSDs <50%) and in some cases the coefficient of determination COD (>0.995): This evaluation displays the following:

-In the initial calibration of ICAL19872 LCMS08, on 03/28/2023, %RSDs were below the allowable maximum. COD values for target PFOAs & PFOSs compounds were above the allowable minimums (0.995). This calibration displays an acceptable performance and compliance with the method criteria listed above.

Quality Judgement: No actions are required.

- **Continuing Calibration Verification (CCV):** As indicated in the method calibration criteria, the continuing calibration standard of this data set has been evaluated for compliance with method criteria for all target PFAS compounds: Required frequency (one per ten field samples), Percent Difference (%Ds < 50%), and or for Percent Recovery (70<%Rs<130). This evaluation displays the following:

-In continuing calibration WG1769532-2, SCI08_230421_05, LCMS08, analyzed on 04/21/2023, %Rs for target PFAS compounds, were within method control limits.

-In continuing calibration WG1769532-3, SCI08_230421_06, LCMS08, analyzed on 04/21/2023, %Rs for target PFAS compounds, were within method control limits.

-In continuing calibration WG1769532-8, SCI08_230421_25, LCMS08, analyzed on 04/21/2023, %Rs for target PFAS compounds, were within method control limits.

Quality Judgement: No actions are required.

- **Method Blank Verification:** Method blank analyses included in this data set of laboratory data package reported no detection for target compounds above the reporting limits (RL), WG1769021-1BLANK, analyzed on 04/21/2023.

Quality Judgement: No actions are required.

- **Surrogate Recoveries (SR):** An evaluation of the surrogate standards behavior (Isotope Dilution Analyte (IDA) Recovery must be > 10% for Data acceptance, 50<%Rs<150; 25<%Rs<150 for poor response analytes), in the SDG data set displays the following:
-%RS for all Surrogates were within method control limits.

Quality Judgement: No actions are required.

- **Laboratory Control Sample (LCS):** As required by the method quality assurance/quality control criteria, the laboratory control samples in this data set have been evaluated for method compliance purposes. The following summarizes this evaluation:

-In LCS WG1769021-2, analyzed on 04/21/2023, %Rs were within the method control limits.

-In LCS WG1769021-3, analyzed on 04/21/2023, %Rs were within the method control limits.

Quality Judgement: No actions are required.

- **Secondary Ion Transition Monitoring (SITM):** Quantifier and qualifier ions have been monitored for all target PFAS analytes (PFBA and PFPeA are exceptions). The laboratory derived criteria have been used to determine if the ratios are acceptable. (If

the ratios fall outside of the laboratory criteria, results will be qualified as an estimated maximum concentration).

-In Semi-Volatiles Sample Quality Data, the ratio of quantifier ion response to qualifier ion response for PFAS target compounds above the reporting limits (RL), in all samples, were within the laboratory criteria.

Quality Judgement: No actions are required.

- **Laboratory and Field Duplicates (DUP):** As required by the method quality assurance/quality control criteria, the laboratory and or field duplicate samples in a designated sample listed in this data set have been evaluated for method compliance purposes. The following summarizes this evaluation:

-No **laboratory duplicate** analysis was included in this samples set.

PFAS FIELD DUP (<30%)

-**Field Duplicate** sample ID# L2317613-10/DUP 1, and its source ID# L2317613-05/MW-7D, display the following evaluation as listed below:

	Detected Compounds	L2317613-05 MW-7D (ng/l)	L2317613-10 DUP 1 (ng/l)	%RPDs
1	Perfluorobutanoic Acid (PFBA)	11.0	11.5	4.44
2	Perfluoropentanoic Acid (PFPeA)	25.5	24.9	2.4
3	Perfluorobutanesulfonic Acid (PFBS)	7.26	7.66	5.4
4	Perfluorohexanoic Acid (PFHxA)	21.2	20.9	1.4
5	Perfluoroheptanoic Acid (PFHpA)	17.2	16.6	3.6
6	Perfluorohexanesulfonic Acid (PFHxS)	5.97	5.92	0.84
7	Perfluorooctanoic Acid (PFOA)	37.1	39.0	5.0
8	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.85J	4.26J	NC
9	Perfluorononanoic Acid (PFNA)	1.84	1.83	0.55
10	Perfluorooctanesulfonic Acid (PFOS)	17.2	16.7	2.9
11	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.10J	2.09	62.1
12	PFOA/PFOS, Total	54.3	55.7	2.55

%RPDs for the detected PFAS compounds were below the allowable maximum, EXCEPT:

*%RPDs for N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA), was above the allowable maximum.

Quality Judgement:

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-Detected results of N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA), in samples L2317613-01/MW-9D, L2317613-02/MW-6, L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-06/FIELD BLANK, L2317613-08/FIELD BLANK, L2317613-10/DUP 1, should be qualified Estimated (J).

- **Matrix Spike and Matrix Spike Duplicate (MS/MSD):** As required by the method quality assurance/quality control criteria, the matrix spike and matrix spike duplicate in a designated sample listed in this data set has been evaluated for method compliance purposes. The following summarizes this evaluation:

-In matrix spike sample ID# WG1769021-4/Source ID# L2317613-01, %Rs of PFAS compounds were within method control limits.

-In matrix spike duplicate sample ID# WG1769021-5/Source ID# L2317613-01, %Rs of PFAS compounds were within method control limits. %RPDs were below the allowable maximum.

Quality Judgement: No actions are required.

- **Analyte Quantitation:** Target compounds were quantitated using the proper method calculation criteria in accordance with the USEPA and SW846 methods procedures and guidelines.

(All associated QC forms, tables, chromatograms and others will be attached after each Data validation Assessment summary per analytical method of the titled SDG number)

Data Validation Assessment

SDG # L2317613

Data Validation for Analytical Method	TAL Metals (SW846 6020B, 7470A Methods)
Number of Samples & Matrix	5 Water Samples, 1 Duplicate Water Sample, 2 Field Blanks, 2 Trip Blanks
Sampled On	04/03 & 04/2023
Laboratory Report Number	L2317613 (01 through 10)
Data Validation Reviewer	Hanibal Tayeh, Ph.D.
Data Validation Completed	June 28 th , 2023

- **Data Completeness:** The data deliverable package provided by the laboratory in accordance with the ASP B deliverable standards is considered complete.
- **Holding Time:** According to the laboratory quality assurance report and its associated data package, the samples set listed in this SDG number were digested and analyzed within the method holding times as recommended by USEPA and SW846 Methods.
- **Initial and Continuing Calibration Verification (ICCV):** As indicated in the method calibration criteria, the initial calibration standards used in this data set has been evaluated for compliance with method criteria for Percent Recoveries (%Rs):
-In File ID: R1680887 - (1-13), analyzed on 04/06/2023, %Rs for Total metals (EPA 6020B) in all ICVs and CCVs were within method control limits.

Quality Judgement: No actions are required.

- **CRDL Standard (CRDL):** As indicated in the method calibration criteria, the CRDL standards of this data set have been evaluated for compliance with method criteria for Percent Recoveries (%Rs) for target metals elements:
-No Forms were provided.

Quality Judgement: No actions are required.

- **Method Blank Verification:** Method blank analyses included in this data set has been evaluated to ensure target metals were reported below CRDL:

- In File ID: WG1763355-1BLANK, analyzed on 04/06/2023, Total metals (EPA 6020B), were below method reporting limits (RL).

- In File ID: R1680887-(2-14), analyzed on 04/06/2023, Total metals (EPA 6020B), in all QC Blanks ICBs and CCBs were below method reporting limits (RL).

Quality Judgement: No actions are required.

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- **ICP Interference Check Sample (ICPINTERF):** An evaluation of the Interference Check Sample has been evaluated for percent recoveries (%Rs) compliance with methods criteria (80-120%):
- In File ID: R1680887-3, analyzed on 04/06/2023, %Rs for target metals (EPA 6020B), were within the method control limits.

Quality Judgement: No actions are required.

- **Laboratory Control Sample (LCS):** As required by the method quality assurance/quality control criteria, the laboratory control samples in this data set have been evaluated for method compliance purposes (%Rs within control limits). The following summarizes this evaluation:
-In LCS ID: WG1763355-2, on 04/06/2023, (EPA 6020B) for total metals, %Rs were within the method control limits.

Quality Judgement: No actions are required.

- **Spike Sample Recovery (SSR):** Spike samples in this data set have been evaluated for method compliance purposes (%Rs within control limits). The out-of-control spike recoveries for analytes whose unspiked concentrations are $\geq 4x$ the spike added have been disregarded:
-In QC MS ID: WG1763355-3, laboratory analyzed sample L2317542-02, on 04/06/2023, for matrix spike, %Rs were within method control limits.

-Note: No Post Digest Spike Recovery Form was provided.

Quality Judgement: No actions are required.

- **Laboratory Duplicate (DUP):** As required by the method quality assurance/quality control criteria, the laboratory and or field duplicate samples in a designated sample listed in this data set have been evaluated for method compliance purposes. The following summarizes this evaluation:
-In laboratory duplicate ID# WG1763355-4, Source ID# (unknown) analyzed on 04/06/2023, %RPDs for total Metals, were below the allowable maximum.

-Field Duplicate sample ID# L2317613-10/DUP 1, and its source ID# L2317613-05/MW-7D, display the following evaluation as listed below (RPDs <20%):

	Detected Compounds	L2317613-05 MW-7D (mg/L)	L2317613-10 DUP 1 (mg/L)	%RPDs
1	Aluminum	0.335	0.255	27.1
2	Arsenic	0.00020J	0.00019J	NC
3	Barium	0.3245	0.3334	2.7
4	Calcium	123	126	2.4
5	Chromium	0.00141	0.00137	2.9

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6	Cobalt	0.00527	0.00566	7.1
7	Copper	0.00317	0.00297	6.5
8	Iron	0.691	0.555	21.8
9	Lead	0.00123	0.00107	13.9
10	Magnesium	38.6	39.3	1.8
11	Manganese	3.586	3.666	2.2
12	Nickel	0.00512	0.00505	1.4
13	Potassium	8.23	8.36	1.6
14	Sodium	71.6	74.6	4.1

%RPDs for all detected target metals were below the allowable maximum, EXCEPT:
*%RPDs for Aluminum, Iron, were above the allowable maximum.

Quality Judgement:

Detected results of Aluminum, Iron, in samples L2317613-01/MW-9D, L2317613-02/MW-6, L2317613-03/MW-8D, L2317613-04/MW-5, L2317613-05/MW-7D, L2317613-10/DUP 1, should be qualified Estimated (J).

- **ICP Serial Dilution (ISDil):** ICP serial dilution for target metals has been evaluated to ensure compliance with method criteria (Concentration in the original sample is > 50x the MDL that is calculated for the sample and %Ds must be below the allowable maximums 20%):
-In Serial Dilution ID# WG1763355-6/Source ID# L2317542-02, analyzed on 04/06/2023, %Ds for Metals were below the allowable maximum.

Note: In some elements, If %Ds were above the allowable maximum, Data can still be acceptable due to low initial sample concentration (< 50 times IDL).

Quality Judgement: No actions are required.

- **Mercury Overall Evaluation (Hg):** All initial and continuing calibration checks, Blank results summaries, low calibration check standards, laboratory control sample summaries, Matrix spike and duplicate summaries, in File ID: R1680861, on 04/06/2023, R1682019, on 04/10/2023, were in compliance with method quality control criteria.
Quality Judgement: No actions are required.
- **Standard Reference Material Recovery (Hg):** Forms were not provided.
- **Total & Soluble Metals Comparison (T&S-Comp):** Not Applicable.
- **Analyte Quantitation:** Target compounds were quantitated using the proper method calculation criteria in accordance with the USEPA and SW846 methods procedures and guidelines.

(All associated QC forms, tables, chromatograms and others will be attached after each Data validation Assessment summary per analytical method of the titled SDG number)

Validated QA Data

Initial Calibration

Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA101
 Calibration dates : 03/23/23 17:42 03/23/23 22:29

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19842

Calibration Files

L11 =V01230323N03.D L1 =V01230323N04.D L2 =V01230323N07.D L3 =V01230323N10.D L4 =V01230323N11.D
 L6 =V01230323N12.D L8 =V01230323N13.D L10 =V01230323N14.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.276	0.253	0.246	0.268	0.252	0.256	0.261	0.259	3.86
3) TP Chloromethane		0.284	0.284	0.274	0.297	0.282	0.296	0.300	0.288	3.28
4) TC Vinyl chloride	0.228	0.256	0.276	0.273	0.292	0.280	0.283	0.287	0.272	7.62
5) TP Bromomethane		0.106	0.092	0.097	0.116	0.138	0.154		*Q	0.9997
6) TP Chloroethane		0.193	0.185	0.178	0.186	0.172	0.166	0.131	0.173	11.90
7) TP Trichlorofluor		0.362	0.365	0.362	0.389	0.363	0.370	0.369	0.369	2.53
8) TP Ethyl ether		0.119	0.106	0.106	0.110	0.106	0.106	0.104	0.108	4.90
10) TC 1,1-Dichloroet		0.217	0.221	0.222	0.235	0.222	0.224	0.224	0.223	2.46
11) TP Carbon disulfide		0.649	0.644	0.630	0.695	0.672	0.674	0.671	0.662	3.37
12) TP Freon-113		0.247	0.240	0.240	0.257	0.247	0.243	0.245	0.245	2.37
13) TP Iodomethane		0.171	0.189	0.227	0.270	0.281	0.286	0.276	0.243	19.53
14) TP Acrolein			0.037	0.027	0.029	0.028	0.028	0.028	0.029	12.56
15) TP Methylene chlo		0.318	0.255	0.240	0.252	0.245	0.248	0.245	0.257	10.52
17) TP Acetone			0.065	0.055	0.064	0.061	0.062	0.065	0.062	6.14
18) TP trans-1,2-Dich		0.251	0.254	0.240	0.258	0.251	0.256	0.258	0.253	2.43
19) TP Methyl acetate		0.149	0.131	0.127	0.133	0.130	0.132	0.133	0.134	5.30
20) TP Methyl tert butyl ether		0.592	0.549	0.543	0.581	0.569	0.575	0.575	0.569	3.04
21) TP tert-Butyl alc		0.023	0.019	0.017	0.019	0.019	0.019	0.019	0.019	9.79
22) TP Diisopropyl ether		0.946	0.919	0.906	0.963	0.949	0.961	0.969	0.945	2.53
23) TP 1,1-Dichloroet		0.477	0.486	0.487	0.517	0.504	0.510	0.504	0.498	2.93
24) TP Halothane		0.202	0.193	0.195	0.210	0.205	0.209	0.213	0.204	3.71
25) TP Acrylonitrile		0.070	0.058	0.058	0.062	0.062	0.064	0.064	0.063	6.27
26) TP Ethyl tert-but		0.864	0.816	0.811	0.865	0.858	0.874	0.877	0.852	3.18
27) TP Vinyl acetate		0.548	0.541	0.516	0.489	0.435	0.423	0.396	0.478	12.68
28) TP cis-1,2-Dichlo		0.281	0.277	0.271	0.287	0.278	0.284	0.286	0.281	1.92
29) TP 2,2-Dichloropr		0.411	0.412	0.387	0.417	0.403	0.403	0.398	0.404	2.51
30) TP Bromochloromet		0.145	0.124	0.123	0.130	0.125	0.125	0.122	0.128	6.08
31) TP Cyclohexane		0.504	0.501	0.486	0.536	0.520	0.535	0.559	0.520	4.83
32) TC Chloroform		0.489	0.467	0.453	0.481	0.473	0.478	0.476	0.474	2.42
33) TP Ethyl acetate		0.198	0.192	0.187	0.202	0.197	0.200	0.199	0.197	2.57
34) TP Carbon tetrachloride	0.320	0.382	0.401	0.401	0.437	0.423	0.431	0.434	0.404	9.67
35) TP Tetrahydrofuran		0.055	0.066	0.054	0.053	0.053	0.054	0.054	0.055	8.64
36) S Dibromofluoromethane	0.278	0.280	0.280	0.283	0.282	0.282	0.285	0.281	0.281	0.67
37) TP 1,1,1-Trichlor		0.422	0.410	0.410	0.444	0.432	0.436	0.436	0.427	3.16
39) TP 2-Butanone			0.086	0.083	0.093	0.089	0.090	0.088	0.088	3.84



Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA101
 Calibration dates : 03/23/23 17:42 03/23/23 22:29

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19842

Calibration Files

L11 =V01230323N03.D L1 =V01230323N04.D L2 =V01230323N07.D L3 =V01230323N10.D L4 =V01230323N11.D
 L6 =V01230323N12.D L8 =V01230323N13.D L10 =V01230323N14.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr		0.348	0.355	0.348	0.381	0.369	0.374	0.377	0.365	3.87
41) TP Benzene	0.840	0.980	0.968	0.975	1.028	1.007	1.029	1.040	0.983	6.53
42) TP Tertiary-Amyl Methyl Ether		0.708	0.666	0.645	0.692	0.682	0.695	0.696	0.683	3.13
43) S 1,2-Dichloroethane-d4	0.337	0.339	0.334	0.335	0.328	0.338	0.340	0.344	0.337	1.42
44) TP 1,2-Dichloroet		0.368	0.360	0.346	0.368	0.361	0.364	0.358	0.361	2.12
47) TP Methyl cyclohe		0.454	0.447	0.428	0.473	0.466	0.481	0.501	0.464	5.15
48) TP Trichloroethene	0.252	0.285	0.275	0.280	0.305	0.305	0.315	0.319	0.292	7.79
50) TP Dibromomethane		0.142	0.142	0.141	0.152	0.150	0.152	0.151	0.147	3.64
51) TC 1,2-Dichloropr		0.255	0.270	0.271	0.289	0.286	0.290	0.290	0.279	4.90
53) TP 2-Chloroethyl		0.128	0.133	0.135	0.147	0.142	0.143	0.140	0.138	4.83
54) TP Bromodichlorom		0.372	0.363	0.349	0.374	0.371	0.378	0.378	0.369	2.76
57) TP 1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	3.10
58) TP cis-1,3-Dichlo		0.408	0.408	0.410	0.446	0.442	0.450	0.449	0.430	4.75
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.236	1.237	1.236	1.231	1.225	1.210	1.199	1.196	1.221	1.39
61) TC Toluene		0.757	0.781	0.768	0.811	0.795	0.808	0.821	0.791	2.99
62) TP 4-Methyl-2-pen		0.097	0.085	0.081	0.087	0.086	0.087	0.088	0.087	5.61
63) TP Tetrachloroethene		0.332	0.346	0.346	0.374	0.366	0.371	0.374	0.359	4.67
65) TP trans-1,3-Dich		0.420	0.431	0.436	0.472	0.466	0.469	0.465	0.451	4.74
67) TP Ethyl methacry		0.328	0.321	0.317	0.340	0.333	0.335	0.338	0.330	2.64
68) TP 1,1,2-Trichlor		0.233	0.185	0.193	0.203	0.197	0.198	0.199	0.201	7.47
69) TP Chlorodibromom		0.297	0.292	0.297	0.324	0.322	0.326	0.325	0.312	5.00
70) TP 1,3-Dichloropr		0.418	0.409	0.413	0.436	0.423	0.426	0.421	0.421	2.14
71) TP 1,2-Dibromoethane		0.241	0.232	0.233	0.250	0.246	0.247	0.245	0.242	2.88
72) TP 2-Hexanone		0.171	0.160	0.149	0.171	0.168	0.170	0.166	0.165	4.99
73) TP Chlorobenzene		0.859	0.866	0.868	0.924	0.904	0.922	0.923	0.895	3.33
74) TC Ethylbenzene		1.405	1.520	1.517	1.631	1.606	1.641	1.652	1.567	5.77
75) TP 1,1,1,2-Tetrac		0.322	0.333	0.327	0.350	0.345	0.350	0.348	0.339	3.43
76) TP p/m Xylene		0.540	0.588	0.589	0.639	0.637	0.652	0.643	0.612	6.74
77) TP o Xylene		0.541	0.566	0.566	0.606	0.608	0.623	0.609	0.588	5.21
78) TP Styrene		0.840	0.897	0.941	1.024	1.034	1.064	1.031	0.976	8.62
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.322	0.314	0.323	0.352	0.365	0.362	0.358	0.342	6.40
82) TP Isopropylbenzene		2.696	2.837	2.814	2.998	3.055	3.046	3.058	2.929	4.96
83) S 4-Bromofluorobenzene	0.954	0.944	0.942	0.946	0.931	0.938	0.924	0.922	0.938	1.18
84) TP Bromobenzene		0.667	0.674	0.679	0.710	0.716	0.719	0.719	0.698	3.33



Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA101
 Calibration dates : 03/23/23 17:42 03/23/23 22:29

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19842

Calibration Files

L11 =V01230323N03.D L1 =V01230323N04.D L2 =V01230323N07.D L3 =V01230323N10.D L4 =V01230323N11.D
 L6 =V01230323N12.D L8 =V01230323N13.D L10 =V01230323N14.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP n-Propylbenzene	3.122	3.312	3.280	3.525	3.585	3.610	3.569	3.429	5.54	
86) TP 1,4-Dichlorobu	0.839	0.786	0.778	0.822	0.838	0.831	0.828	0.817	3.05	
87) TP 1,1,2,2-Tetrac	0.543	0.519	0.479	0.487	0.477	0.469	0.463	0.491	5.96	
88) TP 4-Ethyltoluene	2.537	2.759	2.729	2.933	2.975	3.006	2.988	2.847	6.20	
89) TP 2-Chlorotoluene	1.902	2.015	1.960	2.077	2.104	2.117	2.100	2.039	4.06	
90) TP 1,3,5-Trimethy	2.215	2.384	2.290	2.475	2.518	2.543	2.505	2.419	5.21	
91) TP 1,2,3-Trichlor	0.477	0.418	0.407	0.429	0.429	0.430	0.419	0.430	5.19	
92) TP trans-1,4-Dich	0.202	0.177	0.171	0.179	0.181	0.178	0.175	0.180	5.52	
93) TP 4-Chlorotoluene	1.973	1.966	1.996	2.135	2.168	2.186	2.168	2.084	4.84	
94) TP tert-Butylbenzene	1.929	2.006	1.957	2.112	2.133	2.167	2.148	2.065	4.75	
97) TP 1,2,4-Trimethy	2.117	2.271	2.247	2.412	2.444	2.490	2.461	2.349	5.91	
98) TP sec-Butylbenzene	2.644	2.821	2.724	2.972	3.032	3.080	3.078	2.907	6.10	
99) TP p-Isopropyltol	2.256	2.398	2.370	2.589	2.629	2.689	2.672	2.515	6.79	
100) TP 1,3-Dichlorobe	1.190	1.203	1.227	1.315	1.330	1.360	1.343	1.281	5.60	
101) TP 1,4-Dichlorobe	1.249	1.214	1.240	1.319	1.331	1.359	1.345	1.294	4.46	
102) TP p-Diethylbenzene	1.304	1.372	1.341	1.485	1.505	1.556	1.545	1.444	7.12	
103) TP n-Butylbenzene	1.827	1.932	1.875	2.090	2.101	2.170	2.162	2.022	7.00	
104) TP 1,2-Dichlorobe	1.072	1.105	1.112	1.194	1.189	1.216	1.210	1.157	5.07	
105) TP 1,2,4,5-Tetram	1.864	1.945	1.911	2.131	2.153	2.232	2.199	2.062	7.31	
106) TP 1,2-Dibromo-3-	0.078	0.074	0.076	0.085	0.084	0.085	0.085	0.081	6.04	
107) TP 1,3,5-Trichlor	0.683	0.713	0.698	0.794	0.791	0.821	0.813	0.759	7.70	
108) TP Hexachlorobuta	0.257	0.292	0.263	0.294	0.295	0.302	0.302	0.287	6.49	
109) TP 1,2,4-Trichlor	0.586	0.610	0.610	0.696	0.693	0.718	0.712	0.661	8.51	
110) TP Naphthalene	1.349	1.319	1.275	1.453	1.414	1.469	1.465	1.392	5.59	
111) TP 1,2,3-Trichlor	0.516	0.511	0.500	0.568	0.564	0.590	0.584	0.548	6.82	



Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA108
 Calibration dates : 04/05/23 22:11 04/06/23 01:18

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19890

Calibration Files

L11 =V08230405N04.d L1 =V08230405N06.d L2 =V08230405N08.d L3 =V08230405N09.d L4 =V08230405N10.d
 L6 =V08230405N11.d L8 =V08230405N12.d L10 =V08230405N13.d

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.170	0.234	0.233	0.207	0.209	0.213	0.213	0.211	10.10
3) TP Chloromethane		0.282	0.351	0.307	0.266	0.261	0.252	0.246	0.281	13.17
4) TC Vinyl chloride	0.204	0.212	0.308	0.273	0.249	0.252	0.254	0.252	0.250	13.04
5) TP Bromomethane		0.167	0.187	0.153	0.149	0.170	0.174	0.187	0.170	8.77
6) TP Chloroethane		0.195	0.235	0.199	0.178	0.182	0.189	0.192	0.196	9.54
7) TP Trichlorofluor		0.317	0.411	0.420	0.376	0.386	0.394	0.394	0.385	8.72
8) TP Ethyl ether		0.069	0.113	0.097	0.095	0.104	0.102	0.100	0.097	14.03
10) TC 1,1-Dichloroet		0.226	0.264	0.247	0.222	0.229	0.233	0.232	0.236	6.20
11) TP Carbon disulfide		0.663	0.826	0.745	0.689	0.705	0.709	0.704	0.720	7.31
12) TP Freon-113		0.189	0.261	0.267	0.240	0.244	0.247	0.249	0.242	10.50
13) TP Iodomethane			0.187	0.228	0.263	0.317	0.331	0.319	*L	0.9971
14) TP Acrolein			0.033	0.029	0.027	0.027	0.026	0.026	0.028	9.13
15) TP Methylene chlo		0.310	0.334	0.271	0.244	0.251	0.242	0.239	0.270	13.87
17) TP Acetone			0.073	0.050	0.045	0.049	0.046	0.048	0.052	19.95
18) TP trans-1,2-Dich		0.253	0.329	0.279	0.252	0.259	0.259	0.258	0.270	10.18
19) TP Methyl acetate		0.144	0.143	0.111	0.106	0.112	0.108	0.106	0.118	14.44
20) TP Methyl tert butyl ether		0.373	0.436	0.420	0.437	0.487	0.486	0.490	0.447	9.80
21) TP tert-Butyl alc		0.012	0.013	0.013	0.013	0.014	0.014	0.014	0.013	6.90
22) TP Diisopropyl ether		0.721	0.780	0.691	0.692	0.761	0.754	0.751	0.736	4.75
23) TP 1,1-Dichloroet		0.519	0.602	0.495	0.447	0.456	0.444	0.437	0.486	12.27
24) TP Halothane		0.192	0.257	0.231	0.208	0.211	0.212	0.211	0.217	9.52
25) TP Acrylonitrile		0.089	0.076	0.059	0.058	0.059	0.056	0.055	0.065	19.96
26) TP Ethyl tert-but		0.555	0.638	0.605	0.645	0.725	0.701	0.724	0.656	9.78
27) TP Vinyl acetate			0.369	0.348	0.402	0.400	0.412	0.379	0.385	6.28
28) TP cis-1,2-Dichlo		0.306	0.334	0.291	0.277	0.284	0.283	0.284	0.294	6.75
29) TP 2,2-Dichloropr		0.295	0.368	0.315	0.310	0.338	0.333	0.336	0.328	7.25
30) TP Bromochloromet		0.159	0.193	0.162	0.150	0.151	0.151	0.141	0.158	10.51
31) TP Cyclohexane		0.257	0.354	0.376	0.368	0.411	0.403	0.407	0.368	14.56
32) TC Chloroform		0.513	0.593	0.487	0.450	0.459	0.450	0.442	0.485	11.13
33) TP Ethyl acetate		0.131	0.135	0.118	0.121	0.134	0.132	0.134	0.129	5.37
34) TP Carbon tetrachloride	0.237	0.276	0.373	0.366	0.347	0.364	0.379	0.386	0.341	15.92
35) TP Tetrahydrofuran			0.043	0.031	0.032	0.036	0.036	0.036	0.036	11.55
36) S Dibromofluoromethane	0.409	0.405	0.404	0.371	0.342	0.335	0.320	0.324	0.364	10.47
37) TP 1,1,1-Trichlor		0.323	0.441	0.405	0.374	0.387	0.396	0.395	0.389	9.18
39) TP 2-Butanone			0.068	0.059	0.061	0.067	0.063	0.064	0.064	5.30



Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA108
 Calibration dates : 04/05/23 22:11 04/06/23 01:18

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19890

Calibration Files

L11 =V08230405N04.d L1 =V08230405N06.d L2 =V08230405N08.d L3 =V08230405N09.d L4 =V08230405N10.d
 L6 =V08230405N11.d L8 =V08230405N12.d L10 =V08230405N13.d

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr		0.208	0.276	0.280	0.285	0.306	0.314	0.316	0.284	13.06
41) TP Benzene	0.681	0.797	0.952	0.895	0.897	0.956	0.951	0.937	0.883	11.01
42) TP Tertiary-Amyl Methyl Ether		0.341	0.401	0.398	0.442	0.528	0.536	0.550	0.457	17.93
43) S 1,2-Dichloroethane-d4	0.364	0.368	0.357	0.333	0.319	0.309	0.296	0.297	0.330	8.97
44) TP 1,2-Dichloroet		0.374	0.389	0.334	0.317	0.328	0.319	0.316	0.339	8.72
47) TP Methyl cyclohe		0.247	0.309	0.347	0.354	0.397	0.408	0.418	0.354	17.27
48) TP Trichloroethene	0.154	0.221	0.278	0.270	0.272	0.289	0.282	0.286	0.256	18.10
50) TP Dibromomethane		0.133	0.174	0.148	0.142	0.149	0.145	0.145	0.148	8.59
51) TC 1,2-Dichloropr		0.240	0.266	0.242	0.243	0.257	0.255	0.251	0.251	3.80
53) TP 2-Chloroethyl		0.080	0.096	0.089	0.101	0.121	0.121	0.126	0.105	17.03
54) TP Bromodichlorom		0.300	0.371	0.330	0.321	0.350	0.347	0.347	0.338	6.82
57) TP 1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	5.55
58) TP cis-1,3-Dichlo		0.281	0.301	0.300	0.334	0.383	0.384	0.390	0.339	13.68
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.152	1.150	1.178	1.164	1.176	1.164	1.177	1.157	1.165	0.96
61) TC Toluene		0.572	0.729	0.662	0.650	0.690	0.709	0.695	0.672	7.68
62) TP 4-Methyl-2-pen		0.037	0.048	0.047	0.052	0.060	0.061	0.060	0.052	17.44
63) TP Tetrachloroethene		0.258	0.373	0.330	0.319	0.335	0.352	0.349	0.331	11.07
65) TP trans-1,3-Dich		0.221	0.257	0.265	0.310	0.367	0.375	0.375	*Q	0.9980
67) TP Ethyl methacry		0.146	0.180	0.170	0.191	0.221	0.225	0.221	0.193	15.62
68) TP 1,1,2-Trichlor		0.139	0.182	0.164	0.169	0.182	0.181	0.178	0.171#	9.17
69) TP Chlorodibromom		0.217	0.281	0.263	0.279	0.314	0.325	0.322	0.286	13.51
70) TP 1,3-Dichloropr		0.306	0.365	0.332	0.346	0.377	0.378	0.368	0.353	7.56
71) TP 1,2-Dibromoethane		0.197	0.222	0.209	0.221	0.234	0.239	0.232	0.222	6.70
72) TP 2-Hexanone		0.098	0.092	0.085	0.086	0.098	0.098	0.098	0.094	6.40
73) TP Chlorobenzene		0.768	0.976	0.819	0.798	0.855	0.874	0.847	0.848	7.88
74) TC Ethylbenzene		1.022	1.335	1.241	1.271	1.334	1.356	1.285	1.264	9.02
75) TP 1,1,1,2-Tetrac		0.223	0.290	0.275	0.293	0.331	0.340	0.336	0.298	14.01
76) TP p/m Xylene		0.396	0.554	0.537	0.532	0.558	0.567	0.535	0.525	11.13
77) TP o Xylene		0.392	0.543	0.521	0.517	0.539	0.547	0.520	0.511	10.54
78) TP Styrene		0.657	0.931	0.899	0.877	0.909	0.893	0.737	0.843	12.34
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.215	0.240	0.221	0.253	0.305	0.327	0.319	0.269	17.65
82) TP Isopropylbenzene		1.606	2.387	2.099	2.184	2.386	2.532	2.263	2.208	13.67
83) S 4-Bromofluorobenzene	0.788	0.765	0.756	0.720	0.727	0.727	0.746	0.727	0.745	3.18
84) TP Bromobenzene		0.671	0.788	0.605	0.611	0.657	0.696	0.651	0.668	9.21



Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA108
 Calibration dates : 04/05/23 22:11 04/06/23 01:18

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19890

Calibration Files

L11 =V08230405N04.d L1 =V08230405N06.d L2 =V08230405N08.d L3 =V08230405N09.d L4 =V08230405N10.d
 L6 =V08230405N11.d L8 =V08230405N12.d L10 =V08230405N13.d

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85)	TP n-Propylbenzene	2.133	2.898	2.539	2.597	2.784	2.917		2.645	11.12	
86)	TP 1,4-Dichlorobu	0.572	0.576	0.488	0.504	0.556	0.580	0.550	0.547	6.67	
87)	TP 1,1,2,2-Tetrac	0.408	0.449	0.354	0.373	0.401	0.427	0.393	0.401	7.93	
88)	TP 4-Ethyltoluene	1.782	2.407	2.160	2.282	2.482	2.615	2.267	2.285	11.73	
89)	TP 2-Chlorotoluene	1.628	2.139	1.785	1.796	1.910	2.004	1.837	1.871	8.84	
90)	TP 1,3,5-Trimethy	1.383	1.926	1.788	1.869	2.083	2.198	2.003	1.893	13.88	
91)	TP 1,2,3-Trichlor	0.307	0.340	0.279	0.284	0.316	0.327	0.308	0.309	7.11	
92)	TP trans-1,4-Dich	0.111	0.116	0.092	0.100	0.115	0.120	0.108	0.109	9.07	
93)	TP 4-Chlorotoluene	1.480	1.864	1.592	1.610	1.730	1.817	1.649	1.678	8.02	
94)	TP tert-Butylbenzene	1.275	1.844	1.659	1.761	1.905	2.028	1.874	1.764	13.86	
97)	TP 1,2,4-Trimethy	1.324	1.845	1.706	1.855	2.065	2.185	1.994	1.854	15.21	
98)	TP sec-Butylbenzene	1.656	2.584	2.412	2.465	2.647	2.780	2.357	2.414	15.10	
99)	TP p-Isopropyltol	1.492	2.252	2.120	2.285	2.522	2.646	2.250	2.224	16.60	
100)	TP 1,3-Dichlorobe	1.282	1.611	1.267	1.269	1.355	1.398	1.299	1.354	9.10	
101)	TP 1,4-Dichlorobe	1.263	1.635	1.264	1.266	1.348	1.412	1.311	1.357	9.89	
102)	TP p-Diethylbenzene	1.005	1.355	1.256	1.373	1.553	1.654	1.586	1.397	16.07	
103)	TP n-Butylbenzene	1.407	1.948	1.793	1.844	2.003	2.116	1.931	1.863	12.17	
104)	TP 1,2-Dichlorobe	1.226	1.325	1.157	1.165	1.248	1.296	1.216	1.233	5.04	
105)	TP 1,2,4,5-Tetram	1.491	1.911	1.713	2.010	2.344	2.543	2.188	2.029	17.91	
106)	TP 1,2-Dibromo-3-	0.067	0.071	0.058	0.068	0.074	0.079	0.080	0.071	10.58	
107)	TP 1,3,5-Trichlor	0.948	1.079	0.904	0.931	1.020	1.104	1.062	1.007	7.86	
108)	TP Hexachlorobuta	0.371	0.463	0.382	0.389	0.419	0.457	0.440	0.417	8.96	
109)	TP 1,2,4-Trichlor	0.843	0.993	0.771	0.810	0.886	0.960	0.926	0.884	9.16	
110)	TP Naphthalene	1.368	1.551	1.329	1.529	1.715	1.839	1.707	1.577	11.93	
111)	TP 1,2,3-Trichlor	0.744	0.904	0.743	0.761	0.820	0.874	0.834	0.811	7.92	



Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA130
 Calibration dates : 04/05/23 14:04 04/05/23 17:26

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19889

Calibration Files

L11 =V30230405A04.D L1 =V30230405A05.D L2 =V30230405A08.D L3 =V30230405A09.D L4 =V30230405A10.D
 L6 =V30230405A11.D L8 =V30230405A12.D L10 =V30230405A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo			0.150	0.194	0.196	0.154	0.143	0.166	0.167	13.73
3) TP Chloromethane		0.286	0.308	0.302	0.299	0.243	0.228	0.264	0.276	11.34
4) TC Vinyl chloride	0.247	0.187	0.230	0.254	0.258	0.211	0.201	0.234	0.228	11.37
5) TP Bromomethane		0.081	0.089	0.085	0.090	0.083	0.082	0.106	0.088	9.64
6) TP Chloroethane		0.139	0.157	0.159	0.158	0.129	0.121	0.139	0.143	10.56
7) TP Trichlorofluor		0.165	0.241	0.296	0.299	0.235	0.220	0.255	0.245	18.87
8) TP Ethyl ether		0.063	0.079	0.077	0.080	0.073	0.068	0.075	0.073	8.53
10) TC 1,1-Dichloroet		0.127	0.169	0.171	0.173	0.140	0.132	0.153	0.152	12.67
11) TP Carbon disulfide		0.447	0.464	0.470	0.477	0.392	0.372	0.429	0.436	9.31
12) TP Freon-113			0.144	0.195	0.195	0.153	0.143	0.166	0.166	14.36
13) TP Iodomethane			0.055	0.083	0.120	0.123	0.126	0.153	*Q	0.9985
14) TP Acrolein		0.026	0.030	0.029	0.028	0.027	0.025	0.026	0.027	6.63
15) TP Methylene chlo		0.205	0.215	0.192	0.190	0.159	0.147	0.168	0.182	13.67
17) TP Acetone			0.069	0.059	0.059	0.054	0.048	0.048	0.056	13.74
18) TP trans-1,2-Dich		0.171	0.208	0.181	0.182	0.151	0.142	0.164	0.171	12.77
19) TP Methyl acetate			0.144	0.125	0.125	0.120	0.110	0.112	0.123	9.86
21) TP Methyl tert butyl ether		0.323	0.343	0.345	0.380	0.367	0.345	0.381	0.355	6.07
22) TP tert-Butyl alc		0.011	0.012	0.012	0.013	0.013	0.012	0.012	0.012	5.21
24) TP Diisopropyl ether		0.619	0.686	0.702	0.799	0.738	0.690	0.789	0.718	8.78
25) TP 1,1-Dichloroet		0.416	0.492	0.440	0.439	0.364	0.337	0.390	0.411	12.73
26) TP Halothane		0.119	0.152	0.165	0.166	0.134	0.126	0.147	0.144	12.83
27) TP Acrylonitrile		0.063	0.061	0.059	0.061	0.060	0.056	0.058	0.060	3.93
28) TP Ethyl tert-but		0.476	0.517	0.578	0.676	0.642	0.602	0.683	0.596	13.21
29) TP Vinyl acetate			0.345	0.366	0.423	0.422	0.397	0.412	0.394	8.11
30) TP cis-1,2-Dichlo		0.186	0.220	0.209	0.217	0.186	0.173	0.203	0.199#	8.88
31) TP 2,2-Dichloropr		0.236	0.284	0.278	0.287	0.237	0.221	0.258	0.257	10.35
33) TP Bromochloromet		0.097	0.111	0.102	0.104	0.090	0.084	0.092	0.097#	9.60
34) TP Cyclohexane			0.276	0.441	0.494	0.399	0.377	0.438	0.404	18.44
35) TC Chloroform		0.354	0.410	0.370	0.363	0.301	0.279	0.321	0.342	13.17
36) TP Ethyl acetate			0.139	0.147	0.159	0.160	0.148	0.155	0.151	5.23
37) TP Carbon tetrachloride	0.169	0.219	0.265	0.285	0.292	0.240	0.225	0.264	0.245	16.52
38) TP Tetrahydrofuran			0.039	0.041	0.046	0.046	0.043	0.045	0.043	6.68
39) S Dibromofluoromethane	0.342	0.345	0.332	0.319	0.302	0.297	0.291	0.286	0.314	7.48
40) TP 1,1,1-Trichlor		0.245	0.305	0.306	0.311	0.253	0.238	0.277	0.277	11.41
42) TP 2-Butanone			0.070	0.071	0.076	0.075	0.068	0.072	0.072	4.12



Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA130
 Calibration dates : 04/05/23 14:04 04/05/23 17:26

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19889

Calibration Files

L11 =V30230405A04.D L1 =V30230405A05.D L2 =V30230405A08.D L3 =V30230405A09.D L4 =V30230405A10.D
 L6 =V30230405A11.D L8 =V30230405A12.D L10 =V30230405A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
43) TP 1,1-Dichloropr	0.150	0.197	0.234	0.263	0.220	0.208	0.244	0.217	16.91	
45) TP Benzene	0.685	0.639	0.758	0.743	0.787	0.670	0.624	0.720	0.703	8.29
46) TP Tertiary-Amyl Methyl Ether	0.277	0.314	0.359	0.425	0.415	0.395	0.449	0.376	16.65	
47) S 1,2-Dichloroethane-d4	0.370	0.391	0.370	0.367	0.344	0.351	0.339	0.325	0.357	5.92
48) TP 1,2-Dichloroet	0.294	0.301	0.280	0.282	0.248	0.227	0.250	0.269	10.28	
51) TP Methyl cyclohe	0.186	0.297	0.332	0.283	0.267	0.318	0.280	18.49		
52) TP Trichloroethene	0.175	0.166	0.206	0.204	0.215	0.180	0.169	0.197	0.189#	9.96
54) TP Dibromomethane	0.102	0.118	0.106	0.108	0.098	0.091	0.101	0.103	8.06	
55) TC 1,2-Dichloropr	0.194	0.233	0.230	0.247	0.215	0.202	0.233	0.222	8.54	
57) TP 2-Chloroethyl	0.068	0.078	0.100	0.109	0.105	0.117	0.096	19.77		
58) TP Bromodichlorom	0.255	0.271	0.262	0.273	0.237	0.221	0.254	0.253#	7.33	
61) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	8.91	
62) TP cis-1,3-Dichlo	0.197	0.241	0.264	0.310	0.282	0.266	0.306	0.267#	14.71	
63) I Chlorobenzene-d5	-----ISTD-----									
64) S Toluene-d8	1.243	1.259	1.273	1.284	1.268	1.244	1.254	1.239	1.258	1.27
65) TC Toluene	0.499	0.607	0.577	0.603	0.503	0.478	0.550	0.545	9.62	
66) TP 4-Methyl-2-pen	0.046	0.056	0.066	0.070	0.068	0.072	0.063	15.88		
67) TP Tetrachloroethene	0.191	0.238	0.240	0.254	0.210	0.200	0.233	0.224	10.54	
69) TP trans-1,3-Dich	0.203	0.233	0.267	0.316	0.297	0.282	0.312	0.273#	15.40	
71) TP Ethyl methacry	0.137	0.147	0.175	0.218	0.218	0.208	0.226	0.190	19.34	
72) TP 1,1,2-Trichlor	0.129	0.147	0.148	0.158	0.143	0.134	0.145	0.143#	6.60	
73) TP Chlorodibromom	0.186	0.205	0.213	0.229	0.211	0.202	0.225	0.210	6.94	
74) TP 1,3-Dichloropr	0.249	0.290	0.296	0.320	0.293	0.276	0.301	0.289	7.65	
75) TP 1,2-Dibromoethane	0.140	0.161	0.161	0.176	0.165	0.157	0.171	0.162#	7.04	
77) TP 2-Hexanone	0.102	0.085	0.095	0.116	0.124	0.118	0.126	0.110	14.29	
78) T Chlorobenzene	0.594	0.684	0.653	0.674	0.569	0.540	0.621	0.619	8.79	
79) TC Ethylbenzene	0.771	0.953	1.048	1.143	0.954	0.904	1.029	0.972	12.18	
80) T 1,1,1,2-Tetrac	0.197	0.238	0.228	0.241	0.212	0.201	0.232	0.221	8.05	
81) TP p/m Xylene	0.286	0.363	0.432	0.462	0.382	0.362	0.410	0.385	14.81	
82) TP o Xylene	0.236	0.331	0.408	0.446	0.375	0.353	0.400	0.364	18.58	
83) TP Styrene	0.372	0.545	0.706	0.755	0.634	0.594	0.656	*L	0.9956	
84) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
85) TP Bromoform	0.192	0.202	0.212	0.229	0.221	0.209	0.236	0.215	7.21	
87) TP Isopropylbenzene	1.090	1.452	1.711	1.945	1.654	1.578	1.890	1.617	17.83	
88) S 4-Bromofluorobenzene	0.838	0.832	0.830	0.815	0.815	0.822	0.828	0.861	0.830	1.79
89) TP Bromobenzene	0.440	0.484	0.462	0.490	0.426	0.403	0.481	0.455	7.31	



Initial Calibration Summary

Form 6

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA130
 Calibration dates : 04/05/23 14:04 04/05/23 17:26

Lab Number : L2317613
 Project Number : 11895
 Ical Ref : ICAL19889

Calibration Files

L11 =V30230405A04.D L1 =V30230405A05.D L2 =V30230405A08.D L3 =V30230405A09.D L4 =V30230405A10.D
 L6 =V30230405A11.D L8 =V30230405A12.D L10 =V30230405A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
90) TP n-Propylbenzene	1.552	1.871	2.127	2.374	2.000	1.903	2.230	2.008	13.41	
91) TP 1,4-Dichlorobu	0.652	0.645	0.651	0.694	0.635	0.597	0.664	0.648	4.53	
92) TP 1,1,2,2-Tetrac	0.400	0.376	0.350	0.359	0.343	0.320	0.356	0.358	7.07	
93) TP 4-Ethyltoluene	1.076	1.390	1.777	2.011	1.721	1.639	1.920	1.648	19.54	
94) TP 2-Chlorotoluene	1.220	1.521	1.590	1.661	1.399	1.318	1.570	1.468	10.92	
95) TP 1,3,5-Trimethy	0.960	1.325	1.541	1.707	1.451	1.376	1.623	1.426	17.20	
96) TP 1,2,3-Trichlor	0.317	0.298	0.285	0.291	0.270	0.257	0.282	0.286	6.81	
97) TP trans-1,4-Dich	0.084	0.103	0.109	0.122	0.123	0.116	0.126	0.112	13.28	
98) TP 4-Chlorotoluene	0.976	1.287	1.386	1.494	1.269	1.202	1.428	1.292	13.28	
99) TP tert-Butylbenzene	0.814	1.045	1.260	1.427	1.225	1.164	1.377	1.188	17.52	
102) TP 1,2,4-Trimethy	0.799	1.198	1.499	1.694	1.463	1.388	1.635	*L	0.9942	
103) TP sec-Butylbenzene	0.997	1.459	1.866	2.076	1.764	1.685	1.962	*L	0.9946	
104) TP p-Isopropyltol	0.741	1.157	1.558	1.798	1.560	1.484	1.739	*L	0.9945	
105) TP 1,3-Dichlorobe	0.755	0.949	0.943	0.984	0.848	0.802	0.934	0.888	9.75	
106) TP 1,4-Dichlorobe	0.882	1.001	0.946	0.981	0.852	0.805	0.943	0.916	7.80	
107) TP p-Diethylbenzene		0.602	0.869	1.069	0.949	0.912	1.080	0.914	19.08	
108) TP n-Butylbenzene	0.688	1.004	1.345	1.535	1.324	1.261	1.464	*L	0.9950	
109) TP 1,2-Dichlorobe	0.825	0.880	0.880	0.935	0.811	0.764	0.876	0.853	6.63	
110) TP 1,2,4,5-Tetram		0.717	1.000	1.463	1.413	1.390	1.652	*L	0.9924	
111) TP 1,2-Dibromo-3-	0.012	0.044	0.050	0.055	0.057	0.054	0.059	*L	0.9986	
112) TP 1,3,5-Trichlor	0.454	0.549	0.605	0.681	0.596	0.566	0.659	0.587	12.83	
113) TP Hexachlorobuta	0.145	0.168	0.187	0.208	0.184	0.174	0.208	0.182	12.35	
114) TP 1,2,4-Trichlor	0.365	0.428	0.478	0.576	0.535	0.511	0.594	0.498	16.34	
115) TP Naphthalene	0.713	0.702	0.853	1.154	1.169	1.121	1.242	*Q	0.9983	
116) TP 1,2,3-Trichlor	0.368	0.413	0.464	0.540	0.486	0.462	0.530	0.466	13.11	



Continuing Calibration

Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA108
 Lab File ID : V08230406N01
 Sample No : WG1763951-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/06/23 16:38
 Init. Calib. Date(s) : 04/05/23 04/06/23
 Init. Calib. Times : 22:11 01:18

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	106	0
Dichlorodifluoromethane	0.211	0.224	-	-6.2	20	102	0
Chloromethane	0.281	0.279	-	0.7	20	97	0
Vinyl chloride	0.25	0.267	-	-6.8	20	104	0
Bromomethane	0.17	0.157	-	7.6	20	109	0
Chloroethane	0.196	0.186	-	5.1	20	100	0
Trichlorofluoromethane	0.385	0.409	-	-6.2	20	104	0
Ethyl ether	0.097	0.098	-	-1	20	108	0
1,1-Dichloroethene	0.236	0.238	-	-0.8	20	103	0
Carbon disulfide	0.72	0.743	-	-3.2	20	106	0
Freon-113	0.242	0.265	-	-9.5	20	106	0
Iodomethane	10	7.912	-	20.9*	20	98	0
Acrolein	0.028	0.028	-	0	20	104	0
Methylene chloride	0.27	0.271	-	-0.4	20	106	0
Acetone	0.052	0.051	-	1.9	20	109	0
trans-1,2-Dichloroethene	0.27	0.27	-	0	20	103	0
Methyl acetate	0.118	0.121	-	-2.5	20	116	0
Methyl tert-butyl ether	0.447	0.453	-	-1.3	20	115	0
tert-Butyl alcohol	0.013	0.015	-	-15.4	20	126	0
Diisopropyl ether	0.736	0.708	-	3.8	20	109	0
1,1-Dichloroethane	0.486	0.488	-	-0.4	20	105	0
Halothane	0.217	0.221	-	-1.8	20	102	0
Acrylonitrile	0.065	0.064	-	1.5	20	114	0
Ethyl tert-butyl ether	0.656	0.655	-	0.2	20	115	0
Vinyl acetate	0.385	0.437	-	-13.5	20	134	0
cis-1,2-Dichloroethene	0.294	0.294	-	0	20	107	0
2,2-Dichloropropane	0.328	0.357	-	-8.8	20	120	0
Bromochloromethane	0.158	0.163	-	-3.2	20	107	0
Cyclohexane	0.368	0.375	-	-1.9	20	106	0
Chloroform	0.485	0.496	-	-2.3	20	108	0
Ethyl acetate	0.129	0.124	-	3.9	20	112	0
Carbon tetrachloride	0.341	0.377	-	-10.6	20	109	0
Tetrahydrofuran	0.036	0.037	-	-2.8	20	125	0
Dibromofluoromethane	0.364	0.358	-	1.6	20	102	0
1,1,1-Trichloroethane	0.389	0.41	-	-5.4	20	108	0
2-Butanone	0.064	0.068	-	-6.3	20	121	0
1,1-Dichloropropene	0.284	0.29	-	-2.1	20	110	0
Benzene	0.883	0.908	-	-2.8	20	108	0
tert-Amyl methyl ether	0.457	0.44	-	3.7	20	117	0
1,2-Dichloroethane-d4	0.33	0.328	-	0.6	20	105	0
1,2-Dichloroethane	0.339	0.341	-	-0.6	20	109	0
Methyl cyclohexane	0.354	0.348	-	1.7	20	106	0
Trichloroethene	0.256	0.277	-	-8.2	20	109	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA108
 Lab File ID : V08230406N01
 Sample No : WG1763951-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/06/23 16:38
 Init. Calib. Date(s) : 04/05/23 04/06/23
 Init. Calib. Times : 22:11 01:18

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.148	0.156	-	-5.4	20	111	0
1,2-Dichloropropane	0.251	0.246	-	2	20	108	0
2-Chloroethyl vinyl ether	0.105	0.096	-	8.6	20	114	0
Bromodichloromethane	0.338	0.344	-	-1.8	20	111	0
1,4-Dioxane	0.00137	0.00151*	-	-10.2	20	123	0
cis-1,3-Dichloropropene	0.339	0.324	-	4.4	20	115	0
Chlorobenzene-d5	1	1	-	0	20	104	0
Toluene-d8	1.165	1.19	-	-2.1	20	106	0
Toluene	0.672	0.694	-	-3.3	20	109	0
4-Methyl-2-pentanone	0.052	0.053	-	-1.9	20	117	0
Tetrachloroethene	0.331	0.345	-	-4.2	20	109	0
trans-1,3-Dichloropropene	10	9.285	-	7.1	20	119	0
Ethyl methacrylate	0.193	0.195	-	-1	20	119	0
1,1,2-Trichloroethane	0.171	0.178*	-	-4.1	20	113	0
Chlorodibromomethane	0.286	0.289	-	-1	20	114	0
1,3-Dichloropropane	0.353	0.36	-	-2	20	113	0
1,2-Dibromoethane	0.222	0.229	-	-3.2	20	114	0
2-Hexanone	0.094	0.094	-	0	20	115	0
Chlorobenzene	0.848	0.862	-	-1.7	20	109	0
Ethylbenzene	1.264	1.292	-	-2.2	20	108	0
1,1,1,2-Tetrachloroethane	0.298	0.307	-	-3	20	116	0
p/m Xylene	0.525	0.557	-	-6.1	20	108	0
o Xylene	0.511	0.541	-	-5.9	20	108	0
Styrene	0.843	0.937	-	-11.2	20	108	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
Bromoform	0.269	0.263	-	2.2	20	118	0
Isopropylbenzene	2.208	2.292	-	-3.8	20	108	0
4-Bromofluorobenzene	0.745	0.732	-	1.7	20	101	0
Bromobenzene	0.668	0.665	-	0.4	20	109	0
n-Propylbenzene	2.645	2.769	-	-4.7	20	108	0
1,4-Dichlorobutane	0.547	0.564	-	-3.1	20	114	0
1,1,2,2-Tetrachloroethane	0.401	0.417	-	-4	20	117	0
4-Ethyltoluene	2.285	2.394	-	-4.8	20	110	0
2-Chlorotoluene	1.871	1.934	-	-3.4	20	107	0
1,3,5-Trimethylbenzene	1.893	1.977	-	-4.4	20	110	0
1,2,3-Trichloropropane	0.309	0.318	-	-2.9	20	113	0
trans-1,4-Dichloro-2-buten	0.109	0.108	-	0.9	20	116	0
4-Chlorotoluene	1.678	1.746	-	-4.1	20	109	0
tert-Butylbenzene	1.764	1.799	-	-2	20	107	0
1,2,4-Trimethylbenzene	1.854	1.894	-	-2.2	20	110	0
sec-Butylbenzene	2.414	2.581	-	-6.9	20	106	0
p-Isopropyltoluene	2.224	2.319	-	-4.3	20	108	0
1,3-Dichlorobenzene	1.354	1.392	-	-2.8	20	109	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA108
 Lab File ID : V08230406N01
 Sample No : WG1763951-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/06/23 16:38
 Init. Calib. Date(s) : 04/05/23 04/06/23
 Init. Calib. Times : 22:11 01:18

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.357	1.377	-	-1.5	20	108	0
p-Diethylbenzene	1.397	1.38	-	1.2	20	109	0
n-Butylbenzene	1.863	1.949	-	-4.6	20	108	0
1,2-Dichlorobenzene	1.233	1.268	-	-2.8	20	109	0
1,2,4,5-Tetramethylbenzene	2.029	1.93	-	4.9	20	112	0
1,2-Dibromo-3-chloropropan	0.071	0.074	-	-4.2	20	126	0
1,3,5-Trichlorobenzene	1.007	1.012	-	-0.5	20	111	0
Hexachlorobutadiene	0.417	0.425	-	-1.9	20	110	0
1,2,4-Trichlorobenzene	0.884	0.873	-	1.2	20	112	0
Naphthalene	1.577	1.564	-	0.8	20	117	0
1,2,3-Trichlorobenzene	0.811	0.821	-	-1.2	20	109	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA101
 Lab File ID : V01230407A01
 Sample No : WG1765107-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 09:13
 Init. Calib. Date(s) : 03/23/23 03/23/23
 Init. Calib. Times : 17:42 22:29

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	86	0
Dichlorodifluoromethane	0.259	0.25	-	3.5	20	87	0
Chloromethane	0.288	0.236	-	18.1	20	74	0
Vinyl chloride	0.272	0.279	-	-2.6	20	87	0
Bromomethane	10	7.064	-	29.4*	20	65	0
Chloroethane	0.173	0.206	-	-19.1	20	99	0
Trichlorofluoromethane	0.369	0.441	-	-19.5	20	104	0
Ethyl ether	0.108	0.107	-	0.9	20	86	0
1,1-Dichloroethene	0.223	0.243	-	-9	20	94	0
Carbon disulfide	0.662	0.785	-	-18.6	20	107	0
Freon-113	0.245	0.281	-	-14.7	20	100	0
Acrolein	0.029	0.023	-	20.7*	20	73	0
Methylene chloride	0.257	0.243	-	5.4	20	87	0
Acetone	0.062	0.06	-	3.2	20	92	0
trans-1,2-Dichloroethene	0.253	0.244	-	3.6	20	87	0
Methyl acetate	0.134	0.117	-	12.7	20	79	0
Methyl tert-butyl ether	0.569	0.508	-	10.7	20	80	-.01
tert-Butyl alcohol	0.019	0.015	-	21.1*	20	74	0
Diisopropyl ether	0.945	0.931	-	1.5	20	88	0
1,1-Dichloroethane	0.498	0.502	-	-0.8	20	88	0
Halothane	0.204	0.197	-	3.4	20	86	0
Acrylonitrile	0.063	0.052	-	17.5	20	77	0
Ethyl tert-butyl ether	0.852	0.797	-	6.5	20	84	0
Vinyl acetate	0.478	0.52	-	-8.8	20	86	0
cis-1,2-Dichloroethene	0.281	0.269	-	4.3	20	85	0
2,2-Dichloropropane	0.404	0.421	-	-4.2	20	93	0
Bromochloromethane	0.128	0.12	-	6.3	20	83	0
Cyclohexane	0.52	0.532	-	-2.3	20	94	0
Chloroform	0.474	0.453	-	4.4	20	86	0
Ethyl acetate	0.197	0.173	-	12.2	20	79	0
Carbon tetrachloride	0.404	0.397	-	1.7	20	85	0
Tetrahydrofuran	0.055	0.05	-	9.1	20	79	0
Dibromofluoromethane	0.281	0.297	-	-5.7	20	90	0
1,1,1-Trichloroethane	0.427	0.416	-	2.6	20	87	0
2-Butanone	0.088	0.074	-	15.9	20	76	0
1,1-Dichloropropene	0.365	0.36	-	1.4	20	89	0
Benzene	0.983	0.964	-	1.9	20	85	0
tert-Amyl methyl ether	0.683	0.6	-	12.2	20	80	0
1,2-Dichloroethane-d4	0.337	0.35	-	-3.9	20	90	0
1,2-Dichloroethane	0.361	0.346	-	4.2	20	85	0
Methyl cyclohexane	0.464	0.452	-	2.6	20	90	0
Trichloroethene	0.292	0.275	-	5.8	20	84	0
Dibromomethane	0.147	0.134	-	8.8	20	82	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA101
 Lab File ID : V01230407A01
 Sample No : WG1765107-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 09:13
 Init. Calib. Date(s) : 03/23/23 03/23/23
 Init. Calib. Times : 17:42 22:29

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.279	0.27	-	3.2	20	85	0
Bromodichloromethane	0.369	0.338	-	8.4	20	83	0
1,4-Dioxane	0.00165	0.00162*	-	1.8	20	86	0
cis-1,3-Dichloropropene	0.43	0.395	-	8.1	20	83	0
Chlorobenzene-d5	1	1	-	0	20	90	0
Toluene-d8	1.221	1.229	-	-0.7	20	89	0
Toluene	0.791	0.726	-	8.2	20	85	0
4-Methyl-2-pentanone	0.087	0.066	-	24.1*	20	72	0
Tetrachloroethene	0.359	0.328	-	8.6	20	85	0
trans-1,3-Dichloropropene	0.451	0.387	-	14.2	20	79	0
Ethyl methacrylate	0.33	0.257	-	22.1*	20	73	0
1,1,2-Trichloroethane	0.201	0.173*	-	13.9	20	80	0
Chlorodibromomethane	0.312	0.258	-	17.3	20	78	0
1,3-Dichloropropane	0.421	0.369	-	12.4	20	80	0
1,2-Dibromoethane	0.242	0.206	-	14.9	20	79	0
2-Hexanone	0.165	0.121	-	26.7*	20	73	0
Chlorobenzene	0.895	0.819	-	8.5	20	85	0
Ethylbenzene	1.567	1.446	-	7.7	20	85	0
1,1,1,2-Tetrachloroethane	0.339	0.301	-	11.2	20	82	0
p/m Xylene	0.612	0.559	-	8.7	20	85	0
o Xylene	0.588	0.538	-	8.5	20	85	0
Styrene	0.976	0.884	-	9.4	20	84	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	90	0
Bromoform	0.342	0.258	-	24.6*	20	72	0
Isopropylbenzene	2.929	2.699	-	7.9	20	86	0
4-Bromofluorobenzene	0.938	0.911	-	2.9	20	87	0
Bromobenzene	0.698	0.633	-	9.3	20	84	0
n-Propylbenzene	3.429	3.208	-	6.4	20	88	0
1,4-Dichlorobutane	0.817	0.706	-	13.6	20	82	0
1,1,2,2-Tetrachloroethane	0.491	0.415	-	15.5	20	78	0
4-Ethyltoluene	2.847	2.689	-	5.5	20	89	0
2-Chlorotoluene	2.039	1.912	-	6.2	20	88	0
1,3,5-Trimethylbenzene	2.419	2.222	-	8.1	20	87	0
1,2,3-Trichloropropane	0.43	0.353	-	17.9	20	78	0
trans-1,4-Dichloro-2-buten	0.18	0.13	-	27.8*	20	68	0
4-Chlorotoluene	2.084	1.929	-	7.4	20	87	0
tert-Butylbenzene	2.065	1.897	-	8.1	20	87	0
1,2,4-Trimethylbenzene	2.349	2.182	-	7.1	20	87	0
sec-Butylbenzene	2.907	2.704	-	7	20	89	0
p-Isopropyltoluene	2.515	2.323	-	7.6	20	88	0
1,3-Dichlorobenzene	1.281	1.176	-	8.2	20	86	0
1,4-Dichlorobenzene	1.294	1.178	-	9	20	85	0
p-Diethylbenzene	1.444	1.338	-	7.3	20	90	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA101
 Lab File ID : V01230407A01
 Sample No : WG1765107-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 09:13
 Init. Calib. Date(s) : 03/23/23 03/23/23
 Init. Calib. Times : 17:42 22:29

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.022	1.927	-	4.7	20	92	0
1,2-Dichlorobenzene	1.157	1.046	-	9.6	20	85	0
1,2,4,5-Tetramethylbenzene	2.062	1.891	-	8.3	20	89	0
1,2-Dibromo-3-chloropropan	0.081	0.056	-	30.9*	20	66	0
1,3,5-Trichlorobenzene	0.759	0.707	-	6.9	20	91	0
Hexachlorobutadiene	0.287	0.262	-	8.7	20	90	0
1,2,4-Trichlorobenzene	0.661	0.576	-	12.9	20	85	0
Naphthalene	1.392	1.047	-	24.8*	20	74	0
1,2,3-Trichlorobenzene	0.548	0.453	-	17.3	20	81	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA130
 Lab File ID : V30230407N01
 Sample No : WG1765146-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 18:10
 Init. Calib. Date(s) : 04/05/23 04/05/23
 Init. Calib. Times : 14:04 17:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	111	0
Dichlorodifluoromethane	0.167	0.152	-	9	20	87	0
Chloromethane	0.276	0.251	-	9.1	20	92	0
Vinyl chloride	0.228	0.209	-	8.3	20	92	0
Bromomethane	0.088	0.055	-	37.5*	20	72	0
Chloroethane	0.143	0.132	-	7.7	20	92	0
Trichlorofluoromethane	0.245	0.24	-	2	20	90	0
Ethyl ether	0.073	0.067	-	8.2	20	97	0
1,1-Dichloroethene	0.152	0.143	-	5.9	20	93	0
Carbon disulfide	0.436	0.413	-	5.3	20	98	0
Freon-113	0.166	0.156	-	6	20	89	0
Acrolein	0.027	0.025	-	7.4	20	99	0
Methylene chloride	0.182	0.162	-	11	20	94	0
Acetone	0.056	0.052	-	7.1	20	100	0
trans-1,2-Dichloroethene	0.171	0.159	-	7	20	98	0
Methyl acetate	0.123	0.105	-	14.6	20	93	0
Methyl tert-butyl ether	0.355	0.324	-	8.7	20	105	0
tert-Butyl alcohol	0.012	0.011	-	8.3	20	109	0
Diisopropyl ether	0.718	0.677	-	5.7	20	107	0
1,1-Dichloroethane	0.411	0.372	-	9.5	20	94	0
Halothane	0.144	0.138	-	4.2	20	93	0
Acrylonitrile	0.06	0.054	-	10	20	103	0
Ethyl tert-butyl ether	0.596	0.554	-	7	20	107	0
Vinyl acetate	0.394	0.359	-	8.9	20	109	0
cis-1,2-Dichloroethene	0.199	0.19*	-	4.5	20	101	0
2,2-Dichloropropane	0.257	0.248	-	3.5	20	99	0
Bromochloromethane	0.097	0.088*	-	9.3	20	96	0
Cyclohexane	0.404	0.393	-	2.7	20	99	0
Chloroform	0.342	0.308	-	9.9	20	93	0
Ethyl acetate	0.151	0.135	-	10.6	20	102	0
Carbon tetrachloride	0.245	0.239	-	2.4	20	93	0
Tetrahydrofuran	0.043	0.046	-	-7	20	125	0
Dibromofluoromethane	0.314	0.293	-	6.7	20	102	0
1,1,1-Trichloroethane	0.277	0.26	-	6.1	20	94	0
2-Butanone	0.072	0.066	-	8.3	20	104	0
1,1-Dichloropropene	0.217	0.214	-	1.4	20	102	0
Benzene	0.703	0.658	-	6.4	20	99	0
tert-Amyl methyl ether	0.376	0.343	-	8.8	20	107	0
1,2-Dichloroethane-d4	0.357	0.325	-	9	20	99	0
1,2-Dichloroethane	0.269	0.241	-	10.4	20	96	0
Methyl cyclohexane	0.28	0.258	-	7.9	20	97	0
Trichloroethene	0.189	0.176*	-	6.9	20	96	0
Dibromomethane	0.103	0.093	-	9.7	20	98	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA130
 Lab File ID : V30230407N01
 Sample No : WG1765146-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 18:10
 Init. Calib. Date(s) : 04/05/23 04/05/23
 Init. Calib. Times : 14:04 17:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.222	0.207	-	6.8	20	100	0
Bromodichloromethane	0.253	0.222*	-	12.3	20	95	0
1,4-Dioxane	0.00096	0.00099*	-	-3.1	20	131	0
cis-1,3-Dichloropropene	0.267	0.24*	-	10.1	20	101	0
Chlorobenzene-d5	1	1	-	0	20	107	0
Toluene-d8	1.258	1.291	-	-2.6	20	108	0
Toluene	0.545	0.52	-	4.6	20	97	0
4-Methyl-2-pentanone	0.063	0.054	-	14.3	20	104	0
Tetrachloroethene	0.224	0.219	-	2.2	20	98	0
trans-1,3-Dichloropropene	0.273	0.25*	-	8.4	20	101	0
Ethyl methacrylate	0.19	0.161	-	15.3	20	99	0
1,1,2-Trichloroethane	0.143	0.132*	-	7.7	20	96	0
Chlorodibromomethane	0.21	0.187*	-	11	20	94	0
1,3-Dichloropropane	0.289	0.272	-	5.9	20	99	0
1,2-Dibromoethane	0.162	0.15*	-	7.4	20	100	0
2-Hexanone	0.11	0.092	-	16.4	20	104	0
Chlorobenzene	0.619	0.586	-	5.3	20	96	0
Ethylbenzene	0.972	0.947	-	2.6	20	97	0
1,1,1,2-Tetrachloroethane	0.221	0.2	-	9.5	20	94	0
p/m Xylene	0.385	0.387	-	-0.5	20	96	0
o Xylene	0.364	0.366	-	-0.5	20	97	0
Styrene	20	19.488	-	2.6	20	94	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
Bromoform	0.215	0.19	-	11.6	20	91	0
Isopropylbenzene	1.617	1.642	-	-1.5	20	98	0
4-Bromofluorobenzene	0.83	0.848	-	-2.2	20	106	0
Bromobenzene	0.455	0.435	-	4.4	20	96	0
n-Propylbenzene	2.008	2.027	-	-0.9	20	97	0
1,4-Dichlorobutane	0.648	0.597	-	7.9	20	93	0
1,1,2,2-Tetrachloroethane	0.358	0.313	-	12.6	20	91	0
4-Ethyltoluene	1.648	1.722	-	-4.5	20	99	0
2-Chlorotoluene	1.468	1.459	-	0.6	20	94	0
1,3,5-Trimethylbenzene	1.426	1.454	-	-2	20	96	0
1,2,3-Trichloropropane	0.286	0.255	-	10.8	20	91	0
trans-1,4-Dichloro-2-buten	0.112	0.093	-	17	20	87	0
4-Chlorotoluene	1.292	1.303	-	-0.9	20	96	0
tert-Butylbenzene	1.188	1.206	-	-1.5	20	98	0
1,2,4-Trimethylbenzene	10	9.624	-	3.8	20	98	0
sec-Butylbenzene	10	9.779	-	2.2	20	97	0
p-Isopropyltoluene	10	9.458	-	5.4	20	98	0
1,3-Dichlorobenzene	0.888	0.869	-	2.1	20	94	0
1,4-Dichlorobenzene	0.916	0.875	-	4.5	20	94	0
p-Diethylbenzene	0.914	0.862	-	5.7	20	101	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : VOA130
 Lab File ID : V30230407N01
 Sample No : WG1765146-2
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 18:10
 Init. Calib. Date(s) : 04/05/23 04/05/23
 Init. Calib. Times : 14:04 17:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	10	9.563	-	4.4	20	98	0
1,2-Dichlorobenzene	0.853	0.81	-	5	20	94	0
1,2,4,5-Tetramethylbenzene	10	8.066	-	19.3	20	102	0
1,2-Dibromo-3-chloropropan	10	8.653	-	13.5	20	95	0
1,3,5-Trichlorobenzene	0.587	0.576	-	1.9	20	97	0
Hexachlorobutadiene	0.182	0.183	-	-0.5	20	100	0
1,2,4-Trichlorobenzene	0.498	0.465	-	6.6	20	99	0
Naphthalene	10	8.36	-	16.4	20	103	0
1,2,3-Trichlorobenzene	0.466	0.44	-	5.6	20	97	0

* Value outside of QC limits.



Continuing Calibration

Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV106
 Lab File ID : ABN0406
 Sample No : WG1763275-3
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 00:05
 Init. Calib. Date(s) : 04/06/23 04/06/23
 Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
n-Nitrosodimethylamine	0.955	0.911	-	4.6	20	101	0
Pyridine	1.517	1.415	-	6.7	20	94	0
2-Fluorophenol	1.172	1.182	-	-0.9	20	99	0
Aniline	2.122	2.072	-	2.4	20	100	0
2-Chlorophenol	1.204	1.151	-	4.4	20	96	0
Phenol-d6	1.6	1.533	-	4.2	20	98	0
Phenol	1.728	1.691	-	2.1	20	99	0
Bis(2-chloroethyl)ether	1.306	1.231	-	5.7	20	95	0
1,3-Dichlorobenzene	1.426	1.326	-	7	20	96	0
1,4-Dichlorobenzene	1.465	1.423	-	2.9	20	98	0
1,2-Dichlorobenzene	1.399	1.362	-	2.6	20	96	0
Benzyl alcohol	1.301	1.225	-	5.8	20	94	0
Bis(2-chloroisopropyl)ethe	1.51	1.409	-	6.7	20	91	0
2-Methylphenol	1.225	1.193	-	2.6	20	97	0
Hexachloroethane	0.544	0.558	-	-2.6	20	109	0
n-Nitrosodi-n-propylamine	1.119	1.082	-	3.3	20	95	0
3-Methylphenol/4-Methylphe	1.285	1.22	-	5.1	20	93	0
Nitrobenzene-d5	1.441	1.463	-	-1.5	20	106	0
Nitrobenzene	1.485	1.417	-	4.6	20	99	0
Isophorone	3.001	2.913	-	2.9	20	99	0
2-Nitrophenol	0.563	0.568	-	-0.9	20	109	0
2,4-Dimethylphenol	1.413	1.001	-	29.2*	20	74	0
Bis(2-chloroethoxy)methane	1.649	1.552	-	5.9	20	97	0
2,4-Dichlorophenol	1.162	1.129	-	2.8	20	102	0
1,2,4-Trichlorobenzene	1.373	1.266	-	7.8	20	92	0
IS1_Naphthalene-d8	1	1	-	0	20	94	0
Naphthalene	1.11	1.136	-	-2.3	20	101	0
Benzoic Acid	5	4.768	-	4.6	20	91	0
4-Chloroaniline	0.161	0.151	-	6.2	20	87	0
Hexachlorobutadiene	0.299	0.307	-	-2.7	20	106	0
p-Chloro-m-cresol	0.351	0.34	-	3.1	20	93	0
2-Methylnaphthalene	0.715	0.681	-	4.8	20	95	0
1-Methylnaphthalene	0.31	0.293	-	5.5	20	94	0
Hexachlorocyclopentadiene	0.351	0.318	-	9.4	20	88	0
2,4,6-Trichlorophenol	0.291	0.275	-	5.5	20	93	0
2,4,5-Trichlorophenol	0.315	0.298	-	5.4	20	95	0
2-Fluorobiphenyl	0.994	0.96	-	3.4	20	97	0
2-Chloronaphthalene	0.777	0.756	-	2.7	20	97	0
2-Nitroaniline	0.222	0.238	-	-7.2	20	101	0
1,4-Dinitrobenzene	0.11	0.107	-	2.7	20	102	0
1,3-Dinitrobenzene	0.121	0.128	-	-5.8	20	107	0
Dimethyl phthalate	0.908	0.908	-	0	20	97	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV106
 Lab File ID : ABN0406
 Sample No : WG1763275-3
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 00:05
 Init. Calib. Date(s) : 04/06/23 04/06/23
 Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.231	1.206	-	2	20	96	0
2,6-Dinitrotoluene	0.184	0.189	-	-2.7	20	97	0
1,2-Dinitrobenzene	0.078	0.072	-	7.7	20	89	0
IS1_Acenaphthene-d10	1	1	-	0	20	97	0
3-Nitroaniline	0.308	0.327	-	-6.2	20	103	0
Acenaphthene	1.155	1.154	-	0.1	20	100	0
2,4-Dinitrophenol	0.17	0.167	-	1.8	20	95	0
Dibenzofuran	1.827	1.815	-	0.7	20	95	0
2,4-Dinitrotoluene	0.379	0.396	-	-4.5	20	100	0
4-Nitrophenol	0.244	0.249	-	-2	20	100	0
2,3,5,6-Tetrachlorophenol	0.434	0.409	-	5.8	20	90	0
2,3,4,6-Tetrachlorophenol	0.443	0.427	-	3.6	20	95	0
Diethyl phthalate	1.351	1.314	-	2.7	20	96	0
Fluorene	1.464	1.461	-	0.2	20	96	0
4-Chlorophenyl phenyl ethe	0.784	0.749	-	4.5	20	91	0
4-Nitroaniline	0.306	0.306	-	0	20	98	0
4,6-Dinitro-o-cresol	0.21	0.224	-	-6.7	20	108	0
NDPA/DPA	1.218	1.2	-	1.5	20	96	0
Azobenzene	1.555	1.503	-	3.3	20	95	0
2,4,6-Tribromophenol	0.221	0.23	-	-4.1	20	98	0
4-Bromophenyl phenyl ether	0.504	0.503	-	0.2	20	97	0
Hexachlorobenzene	0.55	0.521	-	5.3	20	96	0
Pentachlorophenol	0.31	0.311	-	-0.3	20	112	0
IS1_Phenanthrene-d10	1	1	-	0	20	96	0
Phenanthrene	1.001	0.991	-	1	20	100	0
Anthracene	1.037	1.024	-	1.3	20	95	0
Carbazole	0.92	0.919	-	0.1	20	97	0
Di-n-butylphthalate	1.073	1.008	-	6.1	20	92	0
Fluoranthene	1.274	1.267	-	0.5	20	96	0
Benzidine	0.832	0.754	-	9.4	20	88	0
Pyrene	1.333	1.33	-	0.2	20	99	0
4-Terphenyl-d14	1.012	1.02	-	-0.8	20	99	0
Butyl benzyl phthalate	0.463	0.463	-	0	20	96	0
IS1_Chrysene-d12	1	1	-	0	20	97	0
Benzo(a)anthracene	1.364	1.324	-	2.9	20	96	0
3,3'-Dichlorobenzidine	0.528	0.52	-	1.5	20	97	0
Chrysene	1.273	1.269	-	0.3	20	100	0
Bis(2-ethylhexyl)phthalate	0.709	0.669	-	5.6	20	90	0
Di-n-octylphthalate	1.225	1.188	-	3	20	94	0
Benzo(b)fluoranthene	1.334	1.256	-	5.8	20	90	0
Benzo(k)fluoranthene	1.191	1.286	-	-8	20	112	0
Benzo(a)pyrene	1.127	1.13	-	-0.3	20	100	0
IS1_Perylene-d12	1	1	-	0	20	90	0

* Value outside of QC limits.



Calibration Verification Summary
Form 7
Semivolatiles

Client : Soils Engineering Services, Inc.
Project Name : 150 WESTCHESTER AVE
Instrument ID : SV106
Lab File ID : ABN0406
Sample No : WG1763275-3
Channel :

Lab Number : L2317613
Project Number : 11895
Calibration Date : 04/07/23 00:05
Init. Calib. Date(s) : 04/06/23 04/06/23
Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.908	1.011	-	-11.3	20	102	0
Dibenzo(a,h)anthracene	0.94	1.049	-	-11.6	20	100	0
Benzo(ghi)perylene	0.926	1.064	-	-14.9	20	102	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV106
 Lab File ID : AP90406
 Sample No : WG1763275-4
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 00:53
 Init. Calib. Date(s) : 04/06/23 04/06/23
 Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	117	0
Benzaldehyde	1.26	1.051	-	16.6	20	89	0
Acetophenone	2.322	1.851	-	20.3*	20	86	0
m-Toluidine	2.003	1.808	-	9.7	20	91	0
2-Chloroaniline	1.737	1.433	-	17.5	20	88	0
IS2_Naphthalene-d8	1	1	-	0	20	107	0
a-Terpineol	0.35	0.306	-	12.6	20	86	0
3-Chloroaniline	0.199	0.179	-	10.1	20	87	0
2,6-Dichlorophenol	0.354	0.311	-	12.1	20	88	0
1-chloro-2-nitrobenzene	0.159	0.16	-	-0.6	20	96	0
Caprolactam	0.177	0.161	-	9	20	90	0
1,2,4,5-Tetrachlorobenzene	0.545	0.483	-	11.4	20	92	0
Biphenyl	1.05	0.952	-	9.3	20	92	0
IS2_Acenaphthene-d10	1	1	-	0	20	114	0
Dichloran	0.222	0.2	-	9.9	20	105	0
Pentachloronitrobenzene	0.223	0.193	-	13.5	20	96	0
IS2_Phenanthrene-d10	1	1	-	0	20	121	0
Diphenamid	0.538	0.412	-	23.4*	20	90	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV106
 Lab File ID : ADP0406
 Sample No : WG1763275-5
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 01:17
 Init. Calib. Date(s) : 04/06/23 04/06/23
 Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	116	0
n-Decane	1.418	1.211	-	14.6	20	93	0
IS3_Acenaphthene-d10	1	1	-	0	20	119	0
Atrazine	0.485	0.417	-	14	20	97	0
IS3_Phenanthrene-d10	1	1	-	0	20	118	0
n-Octadecane	0.396	0.342	-	13.6	20	97	0
Parathion	0.099	0.089	-	10.1	20	112	0
3,3'-Dimethylbenzidine	0.895	0.721	-	19.4	20	96	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV106
 Lab File ID : ABN0408
 Sample No : WG1764262-3
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/08/23 06:47
 Init. Calib. Date(s) : 04/06/23 04/06/23
 Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	122	0
n-Nitrosodimethylamine	0.955	1.012	-	-6	20	141	0
Pyridine	1.517	1.504	-	0.9	20	126	0
2-Fluorophenol	1.172	1.25	-	-6.7	20	131	0
Aniline	2.122	2.262	-	-6.6	20	137	0
2-Chlorophenol	1.204	1.244	-	-3.3	20	130	0
Phenol-d6	1.6	1.716	-	-7.2	20	138	0
Phenol	1.728	1.75	-	-1.3	20	129	0
Bis(2-chloroethyl)ether	1.306	1.468	-	-12.4	20	142	0
1,3-Dichlorobenzene	1.426	1.477	-	-3.6	20	135	0
1,4-Dichlorobenzene	1.465	1.482	-	-1.2	20	128	0
1,2-Dichlorobenzene	1.399	1.499	-	-7.1	20	132	0
Benzyl alcohol	1.301	1.248	-	4.1	20	121	0
Bis(2-chloroisopropyl)ethe	1.51	1.774	-	-17.5	20	144	0
2-Methylphenol	1.225	1.299	-	-6	20	133	0
Hexachloroethane	0.544	0.596	-	-9.6	20	147	0
n-Nitrosodi-n-propylamine	1.119	1.125	-	-0.5	20	124	0
3-Methylphenol/4-Methylphe	1.285	1.342	-	-4.4	20	129	0
Nitrobenzene-d5	1.441	1.498	-	-4	20	136	0
Nitrobenzene	1.485	1.533	-	-3.2	20	134	0
Isophorone	3.001	3.18	-	-6	20	136	0
2-Nitrophenol	0.563	0.576	-	-2.3	20	138	0
2,4-Dimethylphenol	1.413	1.484	-	-5	20	137	0
Bis(2-chloroethoxy)methane	1.649	1.776	-	-7.7	20	140	0
2,4-Dichlorophenol	1.162	1.13	-	2.8	20	128	0
1,2,4-Trichlorobenzene	1.373	1.378	-	-0.4	20	126	0
IS1_Naphthalene-d8	1	1	-	0	20	121	0
Naphthalene	1.11	1.129	-	-1.7	20	129	0
Benzoic Acid	5	5.867	-	-17.3	20	163	0
4-Chloroaniline	0.161	0.169	-	-5	20	126	0
Hexachlorobutadiene	0.299	0.298	-	0.3	20	133	0
p-Chloro-m-cresol	0.351	0.36	-	-2.6	20	126	0
2-Methylnaphthalene	0.715	0.729	-	-2	20	131	0
1-Methylnaphthalene	0.31	0.303	-	2.3	20	125	0
Hexachlorocyclopentadiene	0.351	0.342	-	2.6	20	122	0
2,4,6-Trichlorophenol	0.291	0.283	-	2.7	20	123	0
2,4,5-Trichlorophenol	0.315	0.303	-	3.8	20	124	0
2-Fluorobiphenyl	0.994	1.001	-	-0.7	20	130	0
2-Chloronaphthalene	0.777	0.763	-	1.8	20	126	0
2-Nitroaniline	0.222	0.228	-	-2.7	20	124	0
1,4-Dinitrobenzene	0.11	0.106	-	3.6	20	130	0
1,3-Dinitrobenzene	0.121	0.123	-	-1.7	20	132	0
Dimethyl phthalate	0.908	0.91	-	-0.2	20	125	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV106
 Lab File ID : ABN0408
 Sample No : WG1764262-3
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/08/23 06:47
 Init. Calib. Date(s) : 04/06/23 04/06/23
 Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.231	1.266	-	-2.8	20	130	0
2,6-Dinitrotoluene	0.184	0.179	-	2.7	20	118	0
1,2-Dinitrobenzene	0.078	0.083	-	-6.4	20	132	0
IS1_Acenaphthene-d10	1	1	-	0	20	129	0
3-Nitroaniline	0.308	0.295	-	4.2	20	124	0
Acenaphthene	1.155	1.116	-	3.4	20	129	0
2,4-Dinitrophenol	0.17	0.137	-	19.4	20	104	0
Dibenzofuran	1.827	1.832	-	-0.3	20	129	0
2,4-Dinitrotoluene	0.379	0.383	-	-1.1	20	129	0
4-Nitrophenol	0.244	0.211	-	13.5	20	113	0
2,3,5,6-Tetrachlorophenol	0.434	0.382	-	12	20	112	0
2,3,4,6-Tetrachlorophenol	0.443	0.396	-	10.6	20	118	0
Diethyl phthalate	1.351	1.316	-	2.6	20	129	0
Fluorene	1.464	1.416	-	3.3	20	125	0
4-Chlorophenyl phenyl ethe	0.784	0.74	-	5.6	20	120	0
4-Nitroaniline	0.306	0.294	-	3.9	20	126	0
4,6-Dinitro-o-cresol	0.21	0.2	-	4.8	20	129	0
NDPA/DPA	1.218	1.199	-	1.6	20	128	0
Azobenzene	1.555	1.568	-	-0.8	20	133	0
2,4,6-Tribromophenol	0.221	0.223	-	-0.9	20	127	0
4-Bromophenyl phenyl ether	0.504	0.497	-	1.4	20	129	0
Hexachlorobenzene	0.55	0.53	-	3.6	20	131	0
Pentachlorophenol	0.31	0.206	-	33.5*	20	99	0
IS1_Phenanthrene-d10	1	1	-	0	20	130	0
Phenanthrene	1.001	0.954	-	4.7	20	131	0
Anthracene	1.037	0.989	-	4.6	20	125	0
Carbazole	0.92	0.89	-	3.3	20	127	0
Di-n-butylphthalate	1.073	1.019	-	5	20	126	0
Fluoranthene	1.274	1.252	-	1.7	20	129	0
Benzidine	0.832	0.782	-	6	20	124	0
Pyrene	1.333	1.264	-	5.2	20	128	0
4-Terphenyl-d14	1.012	0.991	-	2.1	20	130	0
Butyl benzyl phthalate	0.463	0.459	-	0.9	20	129	0
IS1_Chrysene-d12	1	1	-	0	20	128	0
Benzo(a)anthracene	1.364	1.302	-	4.5	20	125	0
3,3'-Dichlorobenzidine	0.528	0.484	-	8.3	20	120	0
Chrysene	1.273	1.231	-	3.3	20	130	0
Bis(2-ethylhexyl)phthalate	0.709	0.669	-	5.6	20	120	0
Di-n-octylphthalate	1.225	1.085	-	11.4	20	115	0
Benzo(b)fluoranthene	1.334	1.263	-	5.3	20	121	0
Benzo(k)fluoranthene	1.191	1.109	-	6.9	20	129	0
Benzo(a)pyrene	1.127	1.035	-	8.2	20	122	0
IS1_Perylene-d12	1	1	-	0	20	114	0

* Value outside of QC limits.



Calibration Verification Summary
Form 7
Semivolatiles

Client : Soils Engineering Services, Inc.
Project Name : 150 WESTCHESTER AVE
Instrument ID : SV106
Lab File ID : ABN0408
Sample No : WG1764262-3
Channel :

Lab Number : L2317613
Project Number : 11895
Calibration Date : 04/08/23 06:47
Init. Calib. Date(s) : 04/06/23 04/06/23
Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.908	0.874	-	3.7	20	112	0
Dibenzo(a,h)anthracene	0.94	0.903	-	3.9	20	109	0
Benzo(ghi)perylene	0.926	0.891	-	3.8	20	108	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV106
 Lab File ID : AP90408
 Sample No : WG1764262-4
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/08/23 07:10
 Init. Calib. Date(s) : 04/06/23 04/06/23
 Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	131	0
Benzaldehyde	1.26	1.275	-	-1.2	20	121	0
Acetophenone	2.322	2.339	-	-0.7	20	122	0
m-Toluidine	2.003	2.171	-	-8.4	20	122	0
2-Chloroaniline	1.737	1.733	-	0.2	20	119	0
IS2_Naphthalene-d8	1	1	-	0	20	128	0
a-Terpineol	0.35	0.377	-	-7.7	20	127	0
3-Chloroaniline	0.199	0.208	-	-4.5	20	121	0
2,6-Dichlorophenol	0.354	0.352	-	0.6	20	120	0
1-chloro-2-nitrobenzene	0.159	0.156	-	1.9	20	112	0
Caprolactam	0.177	0.196	-	-10.7	20	133	0
1,2,4,5-Tetrachlorobenzene	0.545	0.534	-	2	20	122	0
Biphenyl	1.05	1.047	-	0.3	20	121	0
IS2_Acenaphthene-d10	1	1	-	0	20	128	0
Dichloran	0.222	0.254	-	-14.4	20	150	0
Pentachloronitrobenzene	0.223	0.231	-	-3.6	20	129	0
IS2_Phenanthrene-d10	1	1	-	0	20	134	0
Diphenamid	0.538	0.527	-	2	20	127	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV106
 Lab File ID : ADP0408
 Sample No : WG1764262-5
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/08/23 07:34
 Init. Calib. Date(s) : 04/06/23 04/06/23
 Init. Calib. Times : 00:58 13:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	131	0
n-Decane	1.418	1.519	-	-7.1	20	132	0
IS3_Acenaphthene-d10	1	1	-	0	20	131	0
Atrazine	0.485	0.504	-	-3.9	20	129	0
IS3_Phenanthrene-d10	1	1	-	0	20	130	0
n-Octadecane	0.396	0.463	-	-16.9	20	145	0
Parathion	0.099	0.114	-	-15.2	20	158	0
3,3'-Dimethylbenzidine	0.895	0.834	-	6.8	20	123	0

* Value outside of QC limits.



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Soils Engineering Services, Inc. Lab Number : L2317613
 Project Name : 150 WESTCHESTER AVE Project Number : 11895
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG1764202-2** Analysis Date : 04/08/23 08:20 File ID : 764202-2
 LCSD Sample ID : **WG1764202-3** Analysis Date : 04/08/23 08:44 File ID : 764202-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Acenaphthene	18	11.	62	18	10.	56	10	37-111	30
1,2,4-Trichlorobenzene	18	12.	67	18	10.	56	18	39-98	30
Hexachlorobenzene	18	11.	60	18	10.	58	3	40-140	30
Bis(2-chloroethyl)ether	18	13.	70	18	10.	58	19	40-140	30
2-Chloronaphthalene	18	11.	63	18	10.	56	12	40-140	30
1,2-Dichlorobenzene	18	12.	64	18	9.8	54	17	40-140	30
1,3-Dichlorobenzene	18	12.	64	18	9.9	54	17	40-140	30
1,4-Dichlorobenzene	18	12.	66	18	9.8	54	20	36-97	30
3,3'-Dichlorobenzidine	18	6.0	33 Q	18	5.3	29 Q	13	40-140	30
2,4-Dinitrotoluene	18	12.	65	18	11.	59	10	48-143	30
2,6-Dinitrotoluene	18	12.	63	18	11.	60	5	40-140	30
Fluoranthene	18	11.	62	18	10.	58	7	40-140	30
4-Chlorophenyl phenyl ether	18	11.	60	18	11.	59	2	40-140	30
4-Bromophenyl phenyl ether	18	12.	64	18	10.	58	10	40-140	30
Bis(2-chloroisopropyl)ether	18	14.	75	18	11.	60	22	40-140	30
Bis(2-chloroethoxy)methane	18	13.	71	18	11.	61	15	40-140	30
Hexachlorobutadiene	18	11.	62	18	9.5	52	18	40-140	30
Hexachlorocyclopentadiene	18	9.2	50	18	8.2	45	11	40-140	30
Hexachloroethane	18	12.	64	18	9.4	52	21	40-140	30
Isophorone	18	12.	67	18	11.	58	14	40-140	30
Naphthalene	18	12.	66	18	9.8	54	20	40-140	30
Nitrobenzene	18	12.	67	18	10.	56	18	40-140	30
NDPA/DPA	18	11.	62	18	10.	58	7	40-140	30
n-Nitrosodi-n-propylamine	18	12.	68	18	11.	60	13	29-132	30
Bis(2-ethylhexyl)phthalate	18	12.	64	18	11.	63	2	40-140	30
Butyl benzyl phthalate	18	12.	65	18	11.	62	5	40-140	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Soils Engineering Services, Inc. Lab Number : L2317613
 Project Name : 150 WESTCHESTER AVE Project Number : 11895
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG1764202-2 Analysis Date : 04/08/23 08:20 File ID : 764202-2
 LCSD Sample ID : WG1764202-3 Analysis Date : 04/08/23 08:44 File ID : 764202-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Di-n-butylphthalate	18	11.	63	18	11.	59	7	40-140	30
Di-n-octylphthalate	18	11.	60	18	11.	59	2	40-140	30
Diethyl phthalate	18	12.	64	18	11.	60	6	40-140	30
Dimethyl phthalate	18	11.	62	18	11.	60	3	40-140	30
Benzo(a)anthracene	18	12.	65	18	11.	59	10	40-140	30
Benzo(a)pyrene	18	11.	58	18	10.	56	4	40-140	30
Benzo(b)fluoranthene	18	10.	58	18	10.	57	2	40-140	30
Benzo(k)fluoranthene	18	11.	63	18	11.	59	7	40-140	30
Chrysene	18	11.	62	18	11.	59	5	40-140	30
Acenaphthylene	18	12.	67	18	10.	57	16	45-123	30
Anthracene	18	11.	62	18	11.	58	7	40-140	30
Benzo(ghi)perylene	18	11.	59	18	11.	59	0	40-140	30
Fluorene	18	11.	62	18	11.	59	5	40-140	30
Phenanthrene	18	11.	62	18	11.	58	7	40-140	30
Dibenzo(a,h)anthracene	18	11.	60	18	11.	60	0	40-140	30
Indeno(1,2,3-cd)pyrene	18	12.	66	18	12.	64	3	40-140	30
Pyrene	18	12.	64	18	10.	58	10	26-127	30
Biphenyl	18	11.	60	18	9.4	52	14	40-140	30
4-Chloroaniline	18	5.2	29 Q	18	3.8	21 Q	32 Q	40-140	30
2-Nitroaniline	18	11.	62	18	10.	56	10	52-143	30
3-Nitroaniline	18	8.7	48	18	9.1	50	4	25-145	30
4-Nitroaniline	18	11.	59	18	10.	55	7	51-143	30
Dibenzofuran	18	12.	66	18	10.	58	13	40-140	30
2-Methylnaphthalene	18	12.	65	18	9.8	54	18	40-140	30
1,2,4,5-Tetrachlorobenzene	18	10.	57	18	9.0	50	13	2-134	30
Acetophenone	18	11.	63	18	9.1	50	23	39-129	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Soils Engineering Services, Inc. Lab Number : L2317613
 Project Name : 150 WESTCHESTER AVE Project Number : 11895
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG1764202-2** Analysis Date : 04/08/23 08:20 File ID : 764202-2
 LCSD Sample ID : **WG1764202-3** Analysis Date : 04/08/23 08:44 File ID : 764202-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
2,4,6-Trichlorophenol	18	12.	65	18	10.	55	17	30-130	30
p-Chloro-m-cresol	18	12.	65	18	11.	62	5	23-97	30
2-Chlorophenol	18	12.	67	18	9.8	54	21	27-123	30
2,4-Dichlorophenol	18	12.	65	18	10.	55	17	30-130	30
2,4-Dimethylphenol	18	9.8	54	18	6.7	37	37 Q	30-130	30
2-Nitrophenol	18	12.	63	18	9.1	50	23	30-130	30
4-Nitrophenol	18	11.	61	18	11.	59	3	10-80	30
2,4-Dinitrophenol	18	8.0	44	18	8.2	45	2	20-130	30
4,6-Dinitro-o-cresol	18	11.	62	18	11.	59	5	20-164	30
Pentachlorophenol	18	7.9	44	18	8.5	47	7	9-103	30
Phenol	18	10.	56	18	8.2	45	22	12-110	30
2-Methylphenol	18	12.	68	18	9.9	55	21	30-130	30
3-Methylphenol/4-Methylphenol	18	12.	68	18	11.	60	13	30-130	30
2,4,5-Trichlorophenol	18	12.	64	18	10.	57	12	30-130	30
Benzoic Acid	18	9.8	54	18	14.	76	34 Q	10-164	30
Benzyl Alcohol	18	11.	63	18	9.4	52	19	26-116	30
Carbazole	18	12.	63	18	11.	61	3	55-144	30



Continuing Calibration

Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV125
 Lab File ID : CCV0406A
 Sample No : WG1763523-3
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/06/23 09:37
 Init. Calib. Date(s) : 11/01/22 11/01/22
 Init. Calib. Times : 14:18 16:42

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	66	0
2-Fluorophenol	0.964	1.125	.05	-16.7	20	76	0
Phenol-d6	1.124	1.375	.05	-22.3*	20	80	0
Bis(2-chloroethyl)ether	1.019	1.151	.05	-13	20	74	0
n-nitrosodi-n-propylamine	0.659	0.857	.05	-30*	20	87	0
Hexachloroethane	0.47	0.497	.05	-5.7	20	70	0
Nitrobenzene-d5	0.938	1.319	.05	-40.6*	20	91	0
Naphthalene-d8	1	1	.05	0	20	68	0
Naphthalene	0.997	0.963	.05	3.4	20	66	0
Hexachlorobutadiene	0.191	0.185	.05	3.1	20	66	0
2-Methylnaphthalene	0.638	0.621	.05	2.7	20	66	0
1-Methylnaphthalene	0.612	0.588	.05	3.9	20	65	0
2-Fluorobiphenyl	0.794	0.792	.05	0.3	20	67	0
2-Chloronaphthalene	0.68	0.654	.05	3.8	20	65	0
2,6-Dinitrotoluene	1000	1114.753	.05	-11.5	20	92	0
Acenaphthylene	0.952	1.012	.05	-6.3	20	71	0
Acenaphthene-d10	1	1	.05	0	20	72	0
Acenaphthene	1.305	1.212	.05	7.1	20	68	0
2,4-Dinitrotoluene	1000	1281.042	.05	-28.1*	20	104	0
Fluorene	1.39	1.364	.05	1.9	20	70	0
2,4,6-Tribromophenol	1000	996.939	.05	0.3	20	79	0
Phenanthrene-d10	1	1	.05	0	20	77	0
4,6-Dinitro-o-cresol	1000	1382.853	.05	-38.3*	20	134	0
Hexachlorobenzene	0.231	0.204	.05	11.7	20	67	0
Pentachlorophenol	1000	788.625	.05	21.1*	20	63	0
Phenanthrene	1.048	0.94	.05	10.3	20	72	0
Anthracene	0.954	0.913	.05	4.3	20	73	0
Fluoranthene	1.112	1.139	.05	-2.4	20	79	0
Pyrene	1.164	1.206	.05	-3.6	20	79	0
4-Terphenyl-d14	0.749	0.837	.05	-11.7	20	85	0
Chrysene-d12	1	1	.05	0	20	89	0
Benzo[a]anthracene	1000	944.913	.05	5.5	20	87	0
3,3'-Dichlorobenzene	1000	959.8	.05	4	20	97	0
Chrysene	1.284	1.15	.05	10.4	20	79	0
Bis(2-ethylhexyl)phthalate	1000	1441.061	.05	-44.1*	20	145	0
Perylene-d12	1	1	.05	0	20	97	0
Benzo[b]fluoranthene	1.15	1.137	.05	1.1	20	90	0
Benzo[k]fluoranthene	1.092	1.021	.05	6.5	20	89	0
Benzo[a]pyrene	0.923	0.913	.05	1.1	20	93	0
Indeno[1,2,3-cd]pyrene	0.987	1	.05	-1.3	20	101	0
Dibenzo[a,h]anthracene	0.984	0.997	.05	-1.3	20	94	0
Benzo[g,h,i]perylene	1.103	1.026	.05	7	20	87	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV125
 Lab File ID : CCV0407
 Sample No : WG1764011-3
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/07/23 10:29
 Init. Calib. Date(s) : 11/01/22 11/01/22
 Init. Calib. Times : 14:18 16:42

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	61	0
2-Fluorophenol	0.964	1.136	.05	-17.8	20	71	0
Phenol-d6	1.124	1.256	.05	-11.7	20	68	0
Bis(2-chloroethyl)ether	1.019	1.084	.05	-6.4	20	64	0
n-nitrosodi-n-propylamine	0.659	0.843	.05	-27.9*	20	79	0
Hexachloroethane	0.47	0.51	.05	-8.5	20	66	0
Nitrobenzene-d5	0.938	1.327	.05	-41.5*	20	85	0
Naphthalene-d8	1	1	.05	0	20	62	0
Naphthalene	0.997	0.962	.05	3.5	20	61	0
Hexachlorobutadiene	0.191	0.19	.05	0.5	20	63	0
2-Methylnaphthalene	0.638	0.615	.05	3.6	20	60	0
1-Methylnaphthalene	0.612	0.582	.05	4.9	20	59	0
2-Fluorobiphenyl	0.794	0.767	.05	3.4	20	60	0
2-Chloronaphthalene	0.68	0.649	.05	4.6	20	60	0
2,6-Dinitrotoluene	1000	1080.259	.05	-8	20	82	0
Acenaphthylene	0.952	0.984	.05	-3.4	20	63	0
Acenaphthene-d10	1	1	.05	0	20	64	0
Acenaphthene	1.305	1.21	.05	7.3	20	60	0
2,4-Dinitrotoluene	1000	1191.622	.05	-19.2	20	86	0
Fluorene	1.39	1.311	.05	5.7	20	59	0
2,4,6-Tribromophenol	1000	1006.725	.05	-0.7	20	70	0
Phenanthrene-d10	1	1	.05	0	20	65	0
4,6-Dinitro-o-cresol	1000	1396.29	.05	-39.6*	20	114	0
Hexachlorobenzene	0.231	0.209	.05	9.5	20	58	0
Pentachlorophenol	1000	779.715	.05	22*	20	52	0
Phenanthrene	1.048	0.925	.05	11.7	20	59	0
Anthracene	0.954	0.924	.05	3.1	20	62	0
Fluoranthene	1.112	1.113	.05	-0.1	20	65	0
Pyrene	1.164	1.164	.05	0	20	64	0
4-Terphenyl-d14	0.749	0.795	.05	-6.1	20	67	0
Chrysene-d12	1	1	.05	0	20	72	0
Benzo[a]anthracene	1000	934.301	.05	6.6	20	70	0
3,3'-Dichlorobenzene	1000	980.091	.05	2	20	81	0
Chrysene	1.284	1.167	.05	9.1	20	65	0
Bis(2-ethylhexyl)phthalate	1000	1455.117	.05	-45.5*	20	119	0
Perylene-d12	1	1	.05	0	20	83	0
Benzo[b]fluoranthene	1.15	1.108	.05	3.7	20	76	0
Benzo[k]fluoranthene	1.092	1.012	.05	7.3	20	76	0
Benzo[a]pyrene	0.923	0.932	.05	-1	20	82	0
Indeno[1,2,3-cd]pyrene	0.987	1.041	.05	-5.5	20	91	0
Dibenzo[a,h]anthracene	0.984	1.021	.05	-3.8	20	83	0
Benzo[g,h,i]perylene	1.103	1.082	.05	1.9	20	79	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Soils Engineering Services, Inc.
 Project Name : 150 WESTCHESTER AVE
 Instrument ID : SV119
 Lab File ID : CCV0409N
 Sample No : WG1764537-3
 Channel :

Lab Number : L2317613
 Project Number : 11895
 Calibration Date : 04/09/23 18:29
 Init. Calib. Date(s) : 03/06/23 03/06/23
 Init. Calib. Times : 11:49 15:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	108	0
2-Fluorophenol	0.984	1.085	.05	-10.3	20	113	0
Phenol-d6	1.163	1.277	.05	-9.8	20	116	0
Bis(2-chloroethyl)ether	1.081	1.017	.05	5.9	20	100	0
n-nitrosodi-n-propylamine	0.623	0.632	.05	-1.4	20	104	0
Hexachloroethane	0.445	0.444	.05	0.2	20	104	0
Nitrobenzene-d5	0.875	1.036	.05	-18.4	20	118	0
Naphthalene-d8	1	1	.05	0	20	110	0
Naphthalene	0.947	0.895	.05	5.5	20	101	0
Hexachlorobutadiene	0.184	0.169	.05	8.2	20	97	0
2-Methylnaphthalene	0.637	0.645	.05	-1.3	20	107	0
1-Methylnaphthalene	0.614	0.59	.05	3.9	20	102	0
2-Fluorobiphenyl	0.822	0.828	.05	-0.7	20	106	0
2-Chloronaphthalene	0.692	0.679	.05	1.9	20	105	0
2,6-Dinitrotoluene	0.121	0.156	.05	-28.9*	20	142	0
Acenaphthylene	0.998	0.998	.05	0	20	102	0
Acenaphthene-d10	1	1	.05	0	20	114	0
Acenaphthene	1.268	1.215	.05	4.2	20	106	0
2,4-Dinitrotoluene	1000	1312.535	.05	-31.3*	20	147	0
Fluorene	1.458	1.464	.05	-0.4	20	108	0
2,4,6-Tribromophenol	0.161	0.19	.05	-18	20	124	0
Phenanthrene-d10	1	1	.05	0	20	122	0
4,6-Dinitro-o-cresol	1000	1355.659	.05	-35.6*	20	189	0
Hexachlorobenzene	0.24	0.195	.05	18.7	20	94	0
Pentachlorophenol	1000	919.499	.05	8.1	20	105	0
Phenanthrene	1.013	0.935	.05	7.7	20	109	0
Anthracene	0.946	0.913	.05	3.5	20	110	0
Fluoranthene	1.158	1.171	.05	-1.1	20	117	0
Pyrene	1.199	1.194	.05	0.4	20	115	0
4-Terphenyl-d14	0.835	0.835	.05	0	20	117	0
Chrysene-d12	1	1	.05	0	20	124	0
Benzo[a]anthracene	1000	959.364	.05	4.1	20	118	0
3,3'-Dichlorobenzidine	0.511	0.544	.05	-6.5	20	134	0
Chrysene	1.274	1.184	.05	7.1	20	111	0
Bis(2-ethylhexyl)phthalate	1000	1284.503	.05	-28.5*	20	175	0
Perylene-d12	1	1	.05	0	20	117	0
Benzo[b]fluoranthene	1.216	1.267	.05	-4.2	20	117	0
Benzo[k]fluoranthene	1.091	1.188	.05	-8.9	20	119	0
Benzo[a]pyrene	0.985	1.063	.05	-7.9	20	119	0
Indeno[1,2,3-cd]pyrene	1.129	1.187	.05	-5.1	20	121	0
Dibenzo[a,h]anthracene	1.076	1.122	.05	-4.3	20	113	0
Benzo[g,h,i]perylene	1.199	1.225	.05	-2.2	20	114	0

* Value outside of QC limits.

