LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT

1681-1689 Main Street Site
Buffalo, New York

March 2021 0546-020-001

Prepared for:

1681-1689 Main Street LLC

Prepared by:

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1.0 INTRODUCTION

1.1 Background and Site Description

Benchmark Environmental Engineering & Science, PLLC (Benchmark) performed a Limited Phase II Environmental Investigation on behalf of 1681-1689 Main Street LLC at 1681-1689 Main Street, City of Buffalo, Erie County, New York (Site).

The Site is located at the northeast corner of Main Street and East Balcom Street in a highly developed mixed use commercial and residential area of the City of Buffalo (see Figure 1). The Site includes four (4) adjoining buildings, which are currently used for automotive repair, tire storage, vacant, and office space. Certain sections of the building are vacant, and some areas of the buildings are structurally compromised.

The Site is currently, and was historically used for automobile repair and service, painting, and commercial bakery with loading docks, suspect fuel pump, and suspect historic tank(s). Multiple former buildings were present on-Site, and subsequently demolished for construction of the current structures.

The purpose of this investigation was to assess subsurface conditions related to the recognized environmental conditions (RECs) identified for the Site in the Phase I Environmental Site Assessment (ESA).

1.2 Previous Environmental Study

Benchmark completed a Phase I Environmental Site Assessment (September 2020) for the Site. The Phase I ESA identified the following RECs for the Site:

- The long history of former commercial operations (i.e., automotive repair, battery service, automotive painting, clothes cleaning, commercial bakery with loading docks and suspect former pump island), and the storage/use of petroleum and/or solvents, are considered RECs as subsurface conditions are unknown.
- Current use of the Site for automotive repair, with closed in-place in-ground hydraulic lifts and tank(s); floor drains and sumps discharging to on-Site oil water separator.
- NYS Spill incident noting dumping of waste oil into a floor drain, are considered RECs due to the potential for subsurface environmental impacts.
- Review of historical sources revealed the presence of at least two USTs installed at the Site at 1681-1685 Main Street. In addition, the site contact indicated that a UST may

be located in front of Building 2 along Main Street. The USTs identified for the Site are considered RECs as sufficient tank closure documentation is unavailable.

- During the site reconnaissance, Benchmark observed a gasoline lamp and an apparent former gasoline pump void at the southeast corner of Building 3 proximate to an overhead garage door along E. Balcom Street.
- The black staining noted within Building 1 and in the parking lot during the Site reconnaissance is considered a REC due to the potential for soil impacts in these areas.
- The round wall penetration and asphalt disturbances along the north exterior wall of Building 1 is considered a REC as the exact nature of the penetrations are unknown. Similarly, the unknown pipe protruding from the ground in the vegetated area north of the parking lot is considered a REC as the nature is unknown.
- Fill and miscellaneous materials such as vehicles, tires, fuel containers, etc. are considered RECs as such will require proper handling during the redevelopment project.

Based on the RECs identified for the Site, Benchmark recommended completion of a Phase II Environmental Site Investigation to assess subsurface soil and groundwater conditions.

2.0 SITE INVESTIGATION ACTIVITIES

2.1 Subsurface Investigation

On February 8th and 9th, 2021 Benchmark completed a limited subsurface investigation of accessible areas of the Site. A total of eighteen (18) soil borings, identified as SB-1 through SB-18, were advanced using a direct puh drill rig (see Figure 3). The soil borings were generally advanced to a target depth of 12-16 feet below ground surface, or refusal. One (1) SB location, SB-2, was converted into a temporary groundwater well (TMW-1).

Based on the initial investigation findings, additional investigation locations were advanced on February 23rd, 2021. An additional eight (8) SBs, identified as SB-19 through SB-26 were advanced, as described above.

Benchmark field staff inspected the retrieved SBs for field characterization of the subsurface lithology, screening of the soil/fill using a photoionization detector (PID) and documenting visual and/or olfactory observations. Findings of the investigation are described in Section 3.

Based on the field evidence and analytical results, the NYS Spill hotline was notified, and Spill No. 2009476 was assigned to the Site.

2.2 Laboratory Analysis

A total of ten (10) SB locations were selected for laboratory analysis based on the field findings of investigation. Certain soil samples were analyzed for Target Compound List (TCL) plus NYSDEC CP-51 List volatile organic compounds (VOCs) plus Tentatively Identified Compounds (TICs), TCL semi-volatile organic compounds (SVOCs), polycyclic aromatic hydrocarbons (PAHs), and Resource Conservation and Recovery Act (RCRA) list metals. Laboratory analytical results are presented below. One (1) groundwater sample was collected from TMW-1 and analyzed for TCL plus CP-51 VOCs plus TICs.

The soil and groundwater samples were placed in laboratory provided pre-cleaned sample containers using dedicated stainless-steel sampling equipment and cooled to 4º C in the field. The samples were transported under chain-of-custody command to NYSDOH ELAP-certified laboratory for analysis. Analytical results are described below.

3.0 INVESTIGATION FINDINGS

Table 1 presents a summary of the soil/fill sample analytical results with comparison to applicable 6NYCRR Part 375 Soil Cleanup Objectives (SCOs). Table 2 shows a summary of the groundwater analytical results from TMW-1 with comparison to NYSDEC Groundwater Quality Standards (GWQS). Laboratory analytical data packages are provided electronically in Appendix B.

3.1 Site Observations

The Site is primarily covered in hardscape including the existing buildings (1681-1689 Main Street) and the associated asphalt and gravel covered parking areas (see Figure 3). Assessment of soil-fill beneath the existing buildings was limited due to internal building configuration, current Site use and tire storage, and building structural concerns. Portions of the existing building roof are missing (removed) and unstable wooden flooring section made the interior areas inaccessible.

3.2 Qualitative Soil-Fill Screening

Fill material was identified at five (5) SB locations including SB-12, SB-15, SB-21, SB-24, and SB-26. Fill material was identified at depths ranging from 0.5-3 fbgs, and generally described as containing varying amounts of ash, cinders, brick, and concrete. The fill layer was underlain by assumed reworked brown sandy clay at depths ranging from 1.5 to greater than 16 fbgs.

Elevated photoionization detector (PID), odors, staining, and/or product was identified at nine (9) SB locations, with highest PID readings of 300 ppm at SB-2, and 500 ppm at SB-25. Product was identified on the boring sleeve and black stained soil-fill was identified at SB-25.

A brief description of the field observations including identified petroleum impacted material is presented below:

Location ID	Highest PID reading (parts per million, ppm) and depth (fbgs)	Other Observations
SB-02	0 ppm from 0-7 fbgs. 300 ppm from 7-8 fbgs. 50 ppm from 8-12 fbgs. 20 ppm from 12-16 fbgs. 20 ppm 16-17.5 fbgs	Petroleum odors from 7-17.5 fbgs, black stained soils observed from 7-8 fbgs. Former gasoline pump/ lamp basein loading dock area of 1681 Main Street. Installed TMW-1
SB-04	0 ppm from 0-8 fbgs. 100 ppm from 8-10 fbgs. 20 ppm from 10-12 fbgs.	Petroleum odors from 8-12 fbgs. Step out form SB-2
SB-06	Asphalt from 0-0.5 fbgs 150 ppm from 0.5-4 fbgs. 5 ppm from 4-8 fbgs.	Petroleum odors from 0.5-8 fbgs, black stained soils observed from 0.5-2 fbgs. Proximate to oil water separator.
SB-08	Asphalt from 0-0.5 fbgs 200 ppm from 0.5-2 fbgs 10 ppm from 2-4 fbgs 5 ppm from 4-8 fbgs.	Petroleum odors from 0.5-8 fbgs, black stained soils observed from 0.5-2 fbgs.
SB-22	Asphalt from 0-0.5 fbgs 0 ppm from 0.5-4 fbgs 100 ppm from 4-8 fbgs 1 ppm from 8-12 fbgs 0 ppm from 12-16 fbgs	Petroleum odors from 4-12 fbgs, black stained soils from 4-6 fbgs. Encountered near storm drain.
SB-23	Asphalt from 0-0.5 fbgs 0 ppm from 0.5-4 fbgs 20 ppm from 4-7 fbgs 0 ppm from 7-8 fbgs	Petroleum odors from 4-7 fbgs, black stained soils from 5-7 fbgs. Encountered near storm drain.
SB-24	Asphalt from 0-0.5 fbgs 0 ppm from 0.5- 5fbgs 200 ppm from 5-7 fbgs 5 ppm from 7-8 fbgs	Petroleum odors from 5-8 fbgs, black stained soils from 5-7 fbgs. Encountered near storm drain.
SB-25	Asphalt from 0-0.5 fbgs 500 ppm from 0.5-4 fbgs 150 ppm from 4-6 fbgs 30 ppm from 6-8 fbgs	Petroleum odors from 0.5-8 fbgs, black stained soils from 0.5-6 fbgs. Product identified on boring sleeve from 1-4 fbgs.
SB-26	Asphalt from 0-0.5 fbgs 50 ppm from 0.5-4 fbgs 30 ppm from 4-6 fbgs 5 ppm from 6-8 fbgs	Petroleum odors from 0.5-8 fbgs, black stained soils from 0.5-6 fbgs. Encountered near oil water separator.

3.3 Soil Analytical Results

Laboratory analytical results are summarized on Table 1 with comparison to applicable 6NYCRR Part 375 Soil Cleanup Objectives (SCOs). A copy of the laboratory analytical data reports are included in Appendix B.

Elevated VOCs, including 1,2,4 trimethylbenzene was detected exceeding its Restricted Residential Use SCOs (RRSCO) at SB-6 and SB-25; and elevated 1,3,5-trimethylbenzene, benzene, ethylbenzene, toluene, and xylenes (BTEX)) were identified at concentrations exceeding their Unrestricted Use SCOs (USCOs).

Elevated PAHs, including benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected exceeding their respective Industrial Use SCOs (ISCOs), Commercial Use SCOs (CSCOs) and RRSCOs, selectively (see Table 1).

Elevated chromium, lead, and mercury exceeding their USCO were detected.

3.4 Groundwater Analytical Results

Groundwater sample results are summarized on Table 2 with comparison to Class GA Groundwater Quality Standards (GWQS) per NYSDEC Technical and Operational Guidance Series (TOGS 1.1.1). A copy of the complete laboratory analytical data package is included in Appendix B.

Elevated VOCs, including 1,2,4-trimethlybenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, isopropylbenzene, n-propylbenzene, toluene, and xylenes were detected at concentrations exceeding GWQS in TMW-1.

Based on the field evidence and analytical results, the NYS Spill hotline was notified, and Spill No. 2009476 was assigned to the Site.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the Ltd. Phase II Environmental Investigation at the Site, Benchmark offers the following conclusions and recommendations:

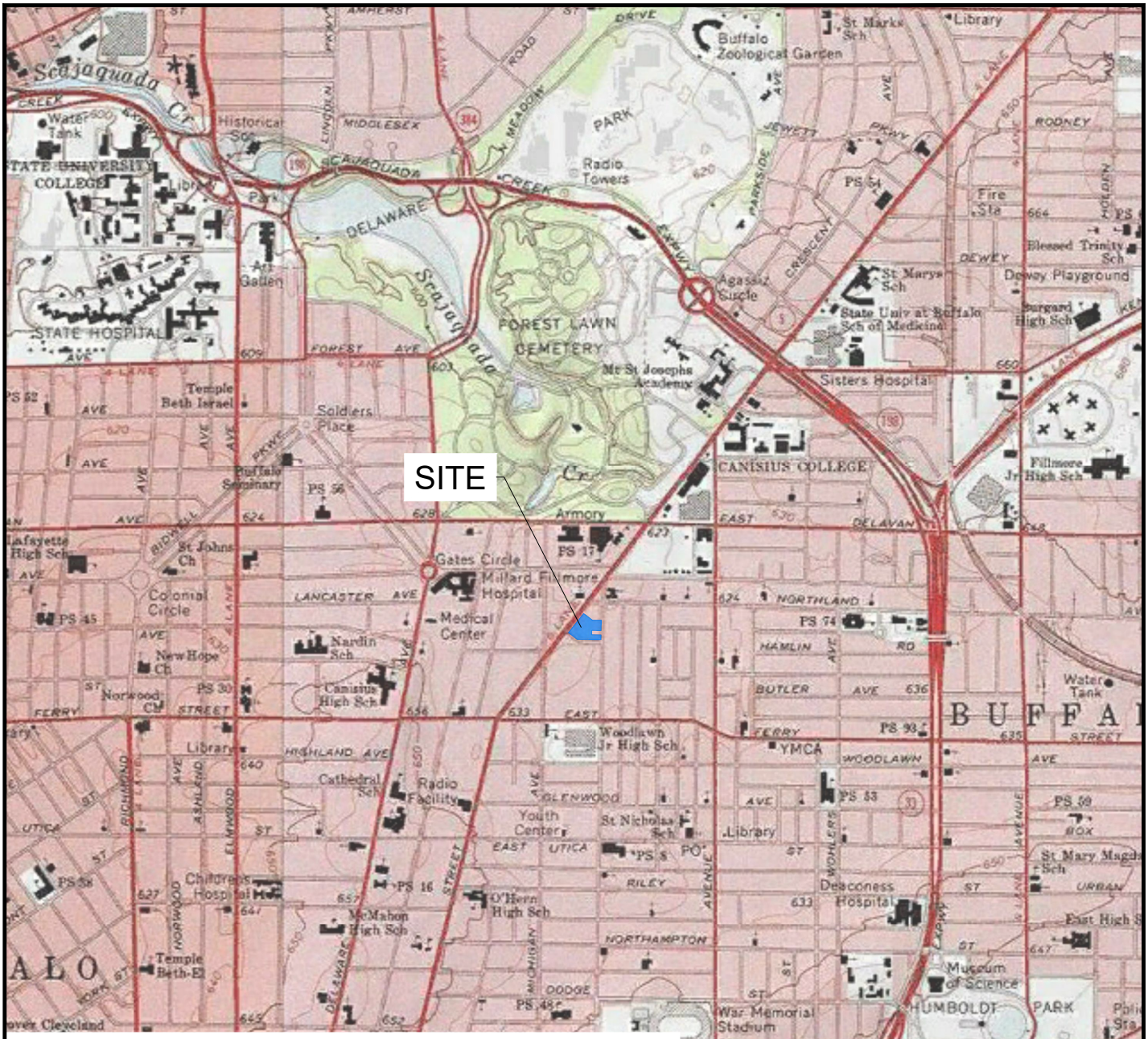
- Product, black stained soil-fill, elevated PID readings and odors were detected at up to nine (9) boring locations.
- Suspected fill materials consisting of ash, cinders, and brick was identified at multiple locations across the Site.
- Elevated PAHs exceeding the RRSCO, CSCO and ISCO were detected in 5 of the 10 soil sample locations.
- Elevated VOCs exceeding the RRSCOs were detected at two (2) soil locations.
- Elevated VOCs exceeding the GWQS were detected at TMW-1.
- Based on the field evidence and analytical results, the NYS Spill hotline was notified, and Spill No. 2009476 was assigned to the Site.
- Based on the findings of this investigation, additional Site investigation and remediation would be required to address the Spill and associated elevated fill materials prior to Site redevelopment. We understand that 1681-1689 Main Street LLC, or related entity, is considering redeveloping the property for residential (affordable housing), and based on the environmental impacts noted above, the Site may be eligible for the NYS Brownfield Cleanup Program.

5.0 LIMITATIONS

This report has been prepared for the exclusive use of 1681-1689 Main Street LLC. The contents of this report are limited to information available at the time of the Site investigation activities and to data referenced herein and assume all referenced historic information sources to be true and accurate. The findings herein may be relied upon only at the discretion of 1681-1689 Main Street LLC. Use of or reliance on this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering & Science, PLLC.

FIGURES

FIGURE 1



100' 0' 100' 200'

SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)

N

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

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PROJECT NO.: 0546-020-001

DATE: MARCH 2021

DRAFTED BY: CEH

SITE LOCATION AND VICINITY MAP

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION

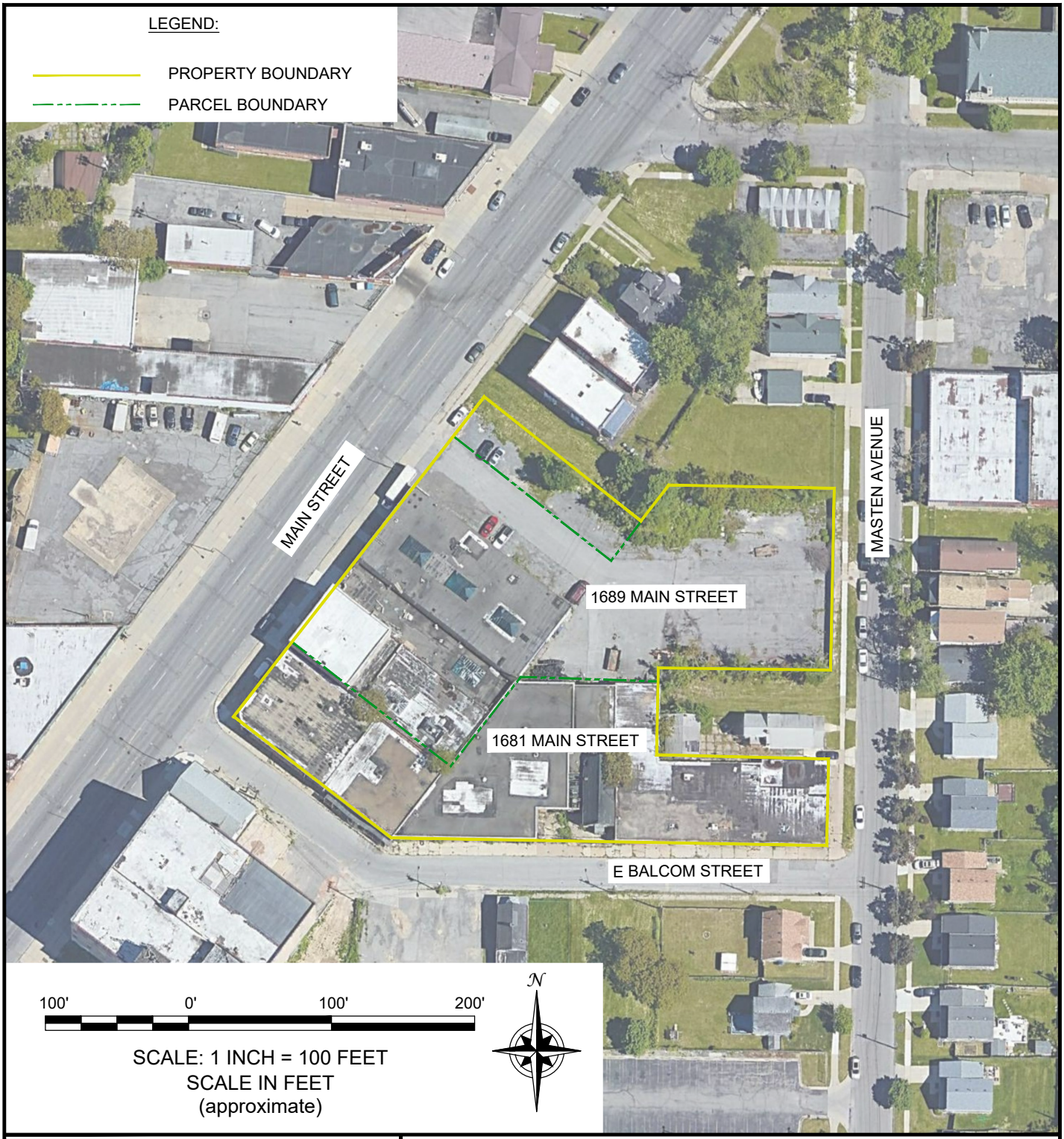
1681-1689 MAIN STREET

BUFFALO, NEW YORK

PREPARED FOR

1681-1689 MAIN STREET, LLC

FIGURE 2



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SITE PLAN (AERIAL)

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION

1681-1689 MAIN STREET

BUFFALO, NEW YORK

PREPARED FOR

1681-1689 MAIN STREET, LLC

LEGEND:

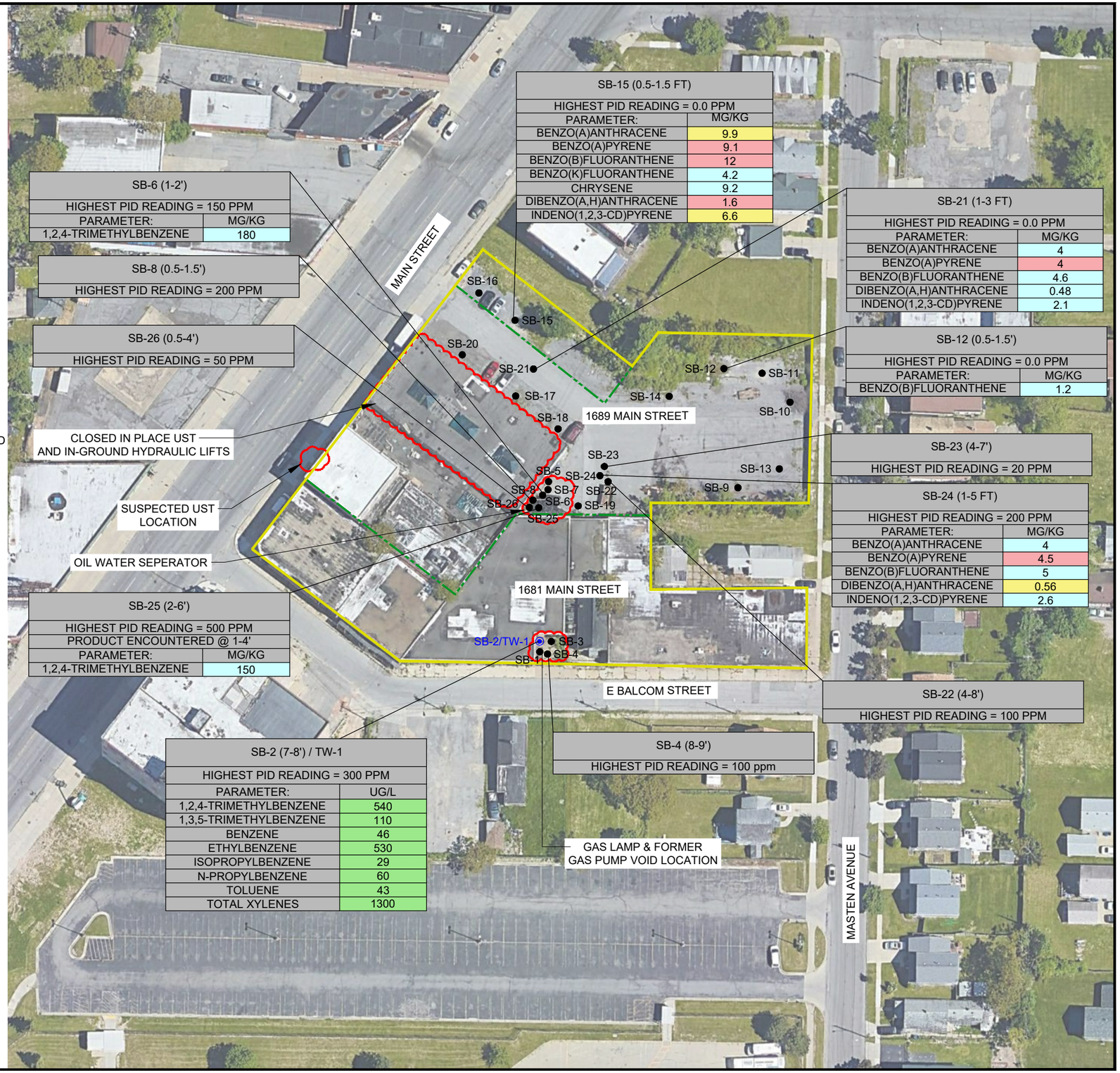
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- AREAS OF CONCERN
- SB-1 ● SOIL BORING
- SB-2/TW-1 ◉ SOIL BORING & TEMPORARY MONITORING WELL

VALUES PER 6 NYCRR PART 375 SOIL CLEANUP OBJECTIVES (SCOs):

- EXCEEDS PART 375 RRSCOs
- EXCEEDS PART 375 CSCOs
- EXCEEDS PART 375 ISCOs

NOTES:
1. TOTAL CONCENTRATIONS IN MG/KG, TCLP IN MG/L.
2. IMAGE FROM GOOGLE EARTH 2017.

- EXCEEDS NYSDEC DIVISION OF WATER AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS - CLASS GA



SB-15 (0.5-1.5 FT)	
HIGHEST PID READING = 0.0 PPM	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	9.9
BENZO(A)PYRENE	9.1
BENZO(B)FLUORANTHENE	12
BENZO(K)FLUORANTHENE	4.2
CHRYSENE	9.2
DIBENZO(A,H)ANTHRACENE	1.6
INDENO(1,2,3-CD)PYRENE	6.6

SB-6 (1-2')	
HIGHEST PID READING = 150 PPM	
PARAMETER:	MG/KG
1,2,4-TRIMETHYLBENZENE	180

SB-8 (0.5-1.5')
HIGHEST PID READING = 200 PPM

SB-26 (0.5-4')
HIGHEST PID READING = 50 PPM

SB-21 (1-3 FT)	
HIGHEST PID READING = 0.0 PPM	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	4
BENZO(A)PYRENE	4
BENZO(B)FLUORANTHENE	4.6
DIBENZO(A,H)ANTHRACENE	0.48
INDENO(1,2,3-CD)PYRENE	2.1

SB-12 (0.5-1.5')	
HIGHEST PID READING = 0.0 PPM	
PARAMETER:	MG/KG
BENZO(B)FLUORANTHENE	1.2

SB-23 (4-7')
HIGHEST PID READING = 20 PPM

SB-24 (1-5 FT)	
HIGHEST PID READING = 200 PPM	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	4
BENZO(A)PYRENE	4.5
BENZO(B)FLUORANTHENE	5
DIBENZO(A,H)ANTHRACENE	0.56
INDENO(1,2,3-CD)PYRENE	2.6

SB-25 (2-6')	
HIGHEST PID READING = 500 PPM	
PRODUCT ENCOUNTERED @ 1-4'	
PARAMETER:	MG/KG
1,2,4-TRIMETHYLBENZENE	150

SB-22 (4-8')
HIGHEST PID READING = 100 PPM

SB-2 (7-8') / TW-1	
HIGHEST PID READING = 300 PPM	
PARAMETER:	UG/L
1,2,4-TRIMETHYLBENZENE	540
1,3,5-TRIMETHYLBENZENE	110
BENZENE	46
ETHYLBENZENE	530
ISOPROPYLBENZENE	29
N-PROPYLBENZENE	60
TOLUENE	43
TOTAL XYLENES	1300

SB-4 (8-9')
HIGHEST PID READING = 100 ppm

N

80' 0' 80' 160'

SCALE: 1 INCH = 80 FEET
SCALE IN FEET
(approximate)

DATE: MARCH 2021
DRAFTED BY: CEH

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INVESTIGATION LOCATIONS AND AREAS OF CONCERN

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION
1681-1689 MAIN STREET
BUFFALO, NEW YORK

PREPARED FOR
1681-1689 MAIN STREET, LLC

FIGURE 3

TABLES

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

SUMMARY OF SUBSURFACE SOIL/FILL SAMPLE ANALYTICAL RESULTS
LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT
1681-1689 MAIN STREET
BUFFALO, NEW YORK

PARAMETER[1]	Unrestricted Use SCOs [2]	Restricted Residential Use SCOs [2]	Commercial Use SCOs [2]	Industrial Use SCOs [2]	Sample Location (Depth - ft)									
					SB-2 (7-8')	SB-4 (8-9')	SB-6 (1-2')	SB-8 (0.5-1.5')	SB-12 (0.5-1.5')	SB-15 (0.5-1.5')	SB-21 (1-3')	SB-24 (1-5')	SB-25 (2-6')	SB-26 (0.5-4')
					2/8/2021		2/9/2021				2/23/2021			
Volatile Organic Compounds (VOCs) - mg/Kg [3]														
1,2,4-Trimethylbenzene	**3.6**	**52**	**190**	**380**	**11**	**17**	**180**	**48**	--	--	--	ND	**150**	**11**
1,2-Dichlorobenzene	**--**	**--**	**500**	**--**	ND	ND	1.8	0.46	--	--	--	ND	1.4	0.081 J
1,3,5-Trimethylbenzene	**8.4**	**52**	**190**	**380**	3.1	4.6	**50**	**11**	--	--	--	ND	**40**	1.9
1,3-Dichlorobenzene	**2.4**	**49**	**280**	**560**	ND	ND	0.1 J	ND	--	--	--	ND	ND	ND
1,4-Dichlorobenzene	**1.8**	**13**	**130**	**250**	ND	ND	0.59 J	0.15 J	--	--	--	ND	0.42 J	0.028 J
4-methyl-2-pentanone (MIBK)	**--**	**--**	**--**	**1000**	0.22 J	ND	ND	ND	--	--	--	ND	ND	ND
Benzene	**0.06**	**4.8**	**44**	**89**	ND	ND	**0.45**	**0.16**	--	--	--	ND	**0.58**	0.033
Cyclohexane	**--**	**--**	**--**	**--**	ND	0.038 J	0.43 J	0.14 J	--	--	--	ND	0.79 J	0.22 J
Ethylbenzene	**1**	**41**	**390**	**780**	0.37	**1.8**	**3.7**	0.63	--	--	--	ND	**3.9**	0.15
Isopropylbenzene (Cumene)	**--**	**--**	**--**	**--**	0.24	0.43	0.98	0.15	--	--	--	ND	1	0.12
Methyl acetate	**--**		**--**	**--**	ND	ND	ND	ND	--	--	--	0.18 J	ND	ND
Methylcyclohexane	**--**	**--**	**--**	**--**	0.16 J	0.42	2.8	1	--	--	--	ND	1.7 J	0.41
n-Butylbenzene	**12**	**100**	**500**	**1000**	0.98	0.82	4.6	0.87	--	--	--	0.056 J	5	0.49
n-Propylbenzene	**3.9**	**100**	**500**	**1000**	1.5	2.4	3.1	0.42	--	--	--	ND	3.3	0.42
p-Isopropyltoluene	**--**	**--**	**--**	**--**	0.12	0.098	5.6	1.5	--	--	--	0.011 J	6.3	0.47
sec-Butylbenzene	**11**	**100**	**500**	**1000**	0.29	0.23	2.8	0.56	--	--	--	0.19	3	0.26
Styrene	**--**	**--**	**--**	**1000**	ND	ND	ND	ND	--	--	--	ND	0.42 J	ND
Toluene	**0.7**	**100**	**500**	**1000**	ND	ND	**1.3**	0.36	--	--	--	ND	**1.1**	ND
Total Xylenes	**0.26**	**100**	**500**	**1000**	**2.6**	**9.28**	**74**	**17.1**	--	--	--	ND	**68**	**2.98**
Total TICs	**--**	**--**	**--**	**--**	20.1 J	9.19 J	147 J	35.9 J	--	--	--	20.2 J	367 J	31.6 J
Polycyclic Aromatic Hydrocarbons (PAHs) - mg/Kg [3]														
2,4-Dimethylphenol	**--**	**--**	**--**	**--**	ND	0.065 J	0.16 J	0.32	--	--	--	--	ND	0.18 J
2,4-Dinitrotoluene	**--**	**--**	**--**	**--**	0.085 J	ND	ND	ND	--	--	--	--	ND	ND
2-Chloronaphthalene	**--**	**--**	**--**	**--**	ND	ND	0.15 J	ND	--	--	--	--	ND	ND
2-Methylnaphthalene	**--**	**--**	**--**	**--**	2.7	0.33	17	8.5	--	--	--	--	79	1.4
3-Methylphenol/4-Methylphenol	**--**	**--**	**--**	**--**	ND	ND	0.35	ND	--	--	--	--	ND	ND
Acenaphthene	**20**	**100**	**500**	**1000**	ND	ND	0.22	0.16	0.037 J	1.7	0.26	0.27	ND	0.064 J
Acenaphthylene	**100**	**100**	**500**	**1000**	ND	ND	0.07 J	ND	0.37	0.48	0.61	0.5	ND	ND
Anthracene	**100**	**100**	**500**	**1000**	ND	ND	0.14	0.11 J	0.28	3.6	1.2	1.4	ND	0.058 J
Benzo(a)anthracene	**1**	**1**	**5.6**	**11**	ND	ND	0.15	0.09 J	0.71	**9.9**	**4**	**4**	ND	0.14
Benzo(a)pyrene	**1**	**1**	**1**	**1.1**	ND	ND	ND	0.058 J	0.69	**9.1**	**4**	**4.5**	ND	0.1 J
Benzo(b)fluoranthene	**1**	**1**	**5.6**	**11**	ND	ND	ND	0.061 J	**1.2**	**12**	**4.6**	**5**	ND	0.16
Benzo(ghi)perylene	**100**	**100**	**500**	**1000**	ND	ND	0.2	0.1 J	0.5	5.3	1.9	2.6	ND	0.068 J
Benzo(k)fluoranthene	**0.8**	**3.9**	**56**	**110**	ND	ND	ND	ND	0.36	**4.2**	**1.6**	**1.7**	ND	0.049 J
Biphenyl	**--**	**--**	**--**	**--**	0.062 J	ND	0.066 J	ND	--	--	--	--	ND	ND
Bis(2-ethylhexyl) phthalate	**--**	**--**	**--**	**--**	ND	ND	1.3	0.68	--	--	--	--	ND	ND
Carbazole	**--**	**--**	**--**	**--**	ND	ND	ND	ND	--	--	--	--	ND	0.036 J
Chrysene	**1**	**3.9**	**56**	**110**	ND	ND	0.23	0.11 J	0.78	**9.2**	**3.7**	**3.8**	ND	0.12
Dibenzo(a,h)anthracene	**0.33**	**0.33**	**0.56**	**1.1**	ND	ND	ND	ND	0.16	**1.6**	**0.48**	**0.56**	ND	ND
Fluoranthene	**100**	**100**	**500**	**1000**	ND	ND	0.3	0.22	1	18	8.3	7.9	ND	0.27
Fluorene	**30**	**100**	**500**	**1000**	0.044 J	ND	0.41	0.26	0.075 J	1.5	0.45	0.41	ND	0.072 J
Indeno(1,2,3-cd)pyrene	**0.5**	**0.5**	**5.6**	**11**	ND	ND	ND	ND	0.52	**6.6**	**2.1**	**2.6**	ND	0.061 J
Naphthalene	**12**	**100**	**500**	**1000**	2.6	0.93	12	6.9	0.21	0.85	0.71	0.44	**53**	1.1
Phenanthrene	**100**	**100**	**500**	**1000**	0.044 J	ND	0.5	0.43	0.62	12	5.4	5.2	2.1 J	0.25
Pyrene	**100**	**100**	**500**	**1000**	ND	ND	0.69	0.37	0.9	14	6.9	7.1	1.9 J	0.25
Metals - mg/Kg														
Arsenic	**13**	**16**	**16**	**16**	--	--	--	--	9.2	12.4	6.7	10.2	3.52	4.79
Barium	**350**	**400**	**400**	**10000**	--	--	--	--	93.8	60.4	129	77.5	66	208
Cadmium	**2.5**	**4.3**	**9.3**	**60**	--	--	--	--	ND	ND	0.974	1.34	0.508	4.4
Chromium	**30**	**180**	**1500**	**6800**	--	--	--	--	12.1	21.6	18.5	17	9.58	**41.6**
Lead	**63**	**400**	**1000**	**3900**	--	--	--	--	44.8	**117**	41.8	**159**	31.3	**286**
Mercury	**0.18**	**0.81**	**2.8**	**5.7**	--	--	--	--	0.058 J	0.091	ND	**0.337**	ND	**0.255**
Selenium	**3.9**	**180**	**1500**	**6800**	--	--	--	--	0.875 J	1.2	1.26	1.92	0.974	2.7
Silver	**2**	**180**	**1500**	**6800**	--	--	--	--	ND	ND	ND	ND	ND	0.155 J

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; other compounds were reported as non-detect.
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
"--" = No value available for the parameter; Parameter not analyzed for.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold	= Result exceeds Unrestricted Use SCOs
Bold	= Result exceeds Restricted Residential Use SCOs.
Bold	= Result exceeds Commercial Use SCOs.
Bold	= Result exceeds Industrial use SCOs.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT
1681-1689 MAIN STREET
BUFFALO, NEW YORK

PARAMETER[1]	GWQS[2]	Sample Location
		SB-2/TMW-1
		2/9/2021
Volatile Organic Compounds (VOCs) - ug/L		
1,2,4-Trimethylbenzene	**5**	**540**
1,3,5-Trimethylbenzene	**5**	**110**
1,2-Dichloroethane	**0.6**	0.45 J
2-Butanone	**50**	5.6 J
Acetone	**50**	9.4 J
Benzene	**1**	**46**
Cyclohexane	**--**	2.5 J
Ethylbenzene	**5**	**530**
Isopropylbenzene	**5**	**29**
Methylcyclohexane	**--**	2.2 J
n-Propylbenzene	**5**	**60**
Toluene	**5**	**43**
Trichloroethene	**5**	1.9
Vinyl Chloride	**2**	0.25 J
Xylene (total)	**5**	**1300**

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Division of Water Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations - Class GA (TOGS 1.1.1)

Definitions:
ND = Parameter not detected above laboratory detection limit.
J = Estimted Value - Below calibration range.

APPENDIX A

PHOTO LOGS

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: View of soil boring (area of SB-1 and SB-2) proximate to former pump island/gas lamp.

Photo 2: View of TMW-1 adjacent to former pump island

Photo 3: View of soil boring proximate oil water separator near eastern garage door of Building 1.

Photo 4: Example of black stained soils at SB-25 with product on plastic sleeve.

1681-1689 Main Street **Buffalo, New York** Photo Date: February 2021	BENCHMARK

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5: View of soil boring proximate storm drain. .

Photo 6: Soil borings (tire piles).

Photo 7: Soil borings

Photo 8: Soil borings.

APPENDIX B

LABORATORY ANALYTICAL DATA PACKAGE

ANALYTICAL REPORT

Lab Number:	L2106473
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 225-3314
Project Name:	1681-1707 MAIN STREET
Project Number:	0549-020-001
Report Date:	02/17/21

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: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2106473-01	SB-2/TMW-1	WATER	BUFFALO, NY	02/09/21 12:30	02/10/21
L2106473-02	SB-2 (7-8')	SOIL	BUFFALO, NY	02/08/21 09:50	02/10/21
L2106473-03	SB-4 (8-9')	SOIL	BUFFALO, NY	02/08/21 11:20	02/10/21
L2106473-04	SB-6 (1-2')	SOIL	BUFFALO, NY	02/09/21 09:35	02/10/21
L2106473-05	SB-8 (0.5-1.5')	SOIL	BUFFALO, NY	02/09/21 10:20	02/10/21
L2106473-06	SB-12 (0.5-1.5')	SOIL	BUFFALO, NY	02/09/21 11:30	02/10/21
L2106473-07	SB-15 (0.5-1.5')	SOIL	BUFFALO, NY	02/09/21 14:00	02/10/21

Project Name:	1681-1707 MAIN STREET	**Lab Number:**	L2106473
Project Number:	0549-020-001	**Report Date:**	02/17/21

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:	1681-1707 MAIN STREET	**Lab Number:**	L2106473
Project Number:	0549-020-001	**Report Date:**	02/17/21

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2106473-02 through -05: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2106473-04D, -04D2, and -05D2: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (175%, 135%, and 167%, respectively); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 02/17/21

ORGANICS

VOLATILES

Project Name: 1681-1707 MAIN STREET
Lab Number: L2106473
Project Number: 0549-020-001
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-01 D2
Client ID: SB-2/TMW-1
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 12:30
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/12/21 17:31
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	0.45	J	ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	46		ug/l	1.0	0.32	2
Toluene	43		ug/l	5.0	1.4	2
Ethylbenzene	510	E	ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	0.25	J	ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	1.9		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-01 D2 Date Collected: 02/09/21 12:30
Client ID: SB-2/TMW-1 Date Received: 02/10/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2
p/m-Xylene	850	E	ug/l	5.0	1.4	2
o-Xylene	410		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	9.4	J	ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	5.6	J	ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
n-Butylbenzene	ND		ug/l	5.0	1.4	2
sec-Butylbenzene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	29		ug/l	5.0	1.4	2
p-Isopropyltoluene	ND		ug/l	5.0	1.4	2
n-Propylbenzene	60		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	110		ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	540	E	ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	2.5	J	ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	2.2	J	ug/l	20	0.79	2

Tentatively Identified Compounds				
Total TIC Compounds	33.1	J	ug/l	2
Indane	14.2	NJ	ug/l	2
Unknown Benzene	18.9	J	ug/l	2

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-01 D2 Date Collected: 02/09/21 12:30
Client ID: SB-2/TMW-1 Date Received: 02/10/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-01 D
Client ID: SB-2/TMW-1
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 12:30
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/12/21 17:07
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethylbenzene	530		ug/l	10	2.8	4
p/m-Xylene	890		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	540		ug/l	10	2.8	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-02
Client ID: SB-2 (7-8')
Sample Location: BUFFALO, NY

Date Collected: 02/08/21 09:50
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/13/21 15:09
Analyst: AJK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	360	160	1
1,1-Dichloroethane	ND		ug/kg	72	10.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	72	16.	1
1,2-Dichloropropane	ND		ug/kg	72	9.0	1
Dibromochloromethane	ND		ug/kg	72	10.	1
1,1,2-Trichloroethane	ND		ug/kg	72	19.	1
Tetrachloroethene	ND		ug/kg	36	14.	1
Chlorobenzene	ND		ug/kg	36	9.1	1
Trichlorofluoromethane	ND		ug/kg	290	50.	1
1,2-Dichloroethane	ND		ug/kg	72	18.	1
1,1,1-Trichloroethane	ND		ug/kg	36	12.	1
Bromodichloromethane	ND		ug/kg	36	7.8	1
trans-1,3-Dichloropropene	ND		ug/kg	72	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	36	11.	1
Bromoform	ND		ug/kg	290	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	36	12.	1
Benzene	ND		ug/kg	36	12.	1
Toluene	ND		ug/kg	72	39.	1
Ethylbenzene	370		ug/kg	72	10.	1
Chloromethane	ND		ug/kg	290	67.	1
Bromomethane	ND		ug/kg	140	42.	1
Vinyl chloride	ND		ug/kg	72	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	72	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.8	1
Trichloroethene	ND		ug/kg	36	9.8	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-02 Date Collected: 02/08/21 09:50

Client ID: SB-2 (7-8') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	11.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	2600		ug/kg	140	40.	1
o-Xylene	ND		ug/kg	72	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	72	12.	1
Styrene	ND		ug/kg	72	14.	1
Dichlorodifluoromethane	ND		ug/kg	720	66.	1
Acetone	ND		ug/kg	720	340	1
Carbon disulfide	ND		ug/kg	720	330	1
2-Butanone	ND		ug/kg	720	160	1
4-Methyl-2-pentanone	220	J	ug/kg	720	92.	1
2-Hexanone	ND		ug/kg	720	85.	1
Bromochloromethane	ND		ug/kg	140	15.	1
1,2-Dibromoethane	ND		ug/kg	72	20.	1
n-Butylbenzene	980		ug/kg	72	12.	1
sec-Butylbenzene	290		ug/kg	72	10.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	72.	1
Isopropylbenzene	240		ug/kg	72	7.8	1
p-Isopropyltoluene	120		ug/kg	72	7.8	1
n-Propylbenzene	1500		ug/kg	72	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	20.	1
1,3,5-Trimethylbenzene	3100		ug/kg	140	14.	1
1,2,4-Trimethylbenzene	11000		ug/kg	140	24.	1
Methyl Acetate	ND		ug/kg	290	68.	1
Cyclohexane	ND		ug/kg	720	39.	1
1,4-Dioxane	ND		ug/kg	5700	2500	1
Freon-113	ND		ug/kg	290	50.	1
Methyl cyclohexane	160	J	ug/kg	290	43.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-02 Date Collected: 02/08/21 09:50

Client ID: SB-2 (7-8') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	20100	J	ug/kg			1
Heptane, 2,5-dimethyl-	2490	NJ	ug/kg			1
Unknown Alkane	1960	J	ug/kg			1
Unknown Alkane	2300	J	ug/kg			1
Unknown	1640	J	ug/kg			1
Unknown Aromatic	1450	J	ug/kg			1
Octane, 3-methyl-	2260	NJ	ug/kg			1
Unknown	2410	J	ug/kg			1
Unknown Alkane	2130	J	ug/kg			1
Octane, 3,6-dimethyl-	1620	NJ	ug/kg			1
Octane, 2,6-dimethyl-	1850	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-03
Client ID: SB-4 (8-9')
Sample Location: BUFFALO, NY

Date Collected: 02/08/21 11:20
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/15/21 10:40
Analyst: MV
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	57	8.3	1
Chloroform	ND		ug/kg	86	8.0	1
Carbon tetrachloride	ND		ug/kg	57	13.	1
1,2-Dichloropropane	ND		ug/kg	57	7.1	1
Dibromochloromethane	ND		ug/kg	57	8.0	1
1,1,2-Trichloroethane	ND		ug/kg	57	15.	1
Tetrachloroethene	ND		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.2	1
Trichlorofluoromethane	ND		ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	57	15.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.5	1
Bromodichloromethane	ND		ug/kg	28	6.2	1
trans-1,3-Dichloropropene	ND		ug/kg	57	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	9.0	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.5	1
Benzene	ND		ug/kg	28	9.5	1
Toluene	ND		ug/kg	57	31.	1
Ethylbenzene	1800		ug/kg	57	8.0	1
Chloromethane	ND		ug/kg	230	53.	1
Bromomethane	ND		ug/kg	110	33.	1
Vinyl chloride	ND		ug/kg	57	19.	1
Chloroethane	ND		ug/kg	110	26.	1
1,1-Dichloroethene	ND		ug/kg	57	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	86	7.8	1
Trichloroethene	ND		ug/kg	28	7.8	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.2	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-03 Date Collected: 02/08/21 11:20

Client ID: SB-4 (8-9') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	110	8.4	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.8	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	9100		ug/kg	110	32.	1
o-Xylene	180		ug/kg	57	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	57	10.	1
Styrene	ND		ug/kg	57	11.	1
Dichlorodifluoromethane	ND		ug/kg	570	52.	1
Acetone	ND		ug/kg	570	270	1
Carbon disulfide	ND		ug/kg	570	260	1
2-Butanone	ND		ug/kg	570	130	1
4-Methyl-2-pentanone	ND		ug/kg	570	73.	1
2-Hexanone	ND		ug/kg	570	67.	1
Bromochloromethane	ND		ug/kg	110	12.	1
1,2-Dibromoethane	ND		ug/kg	57	16.	1
n-Butylbenzene	820		ug/kg	57	9.5	1
sec-Butylbenzene	230		ug/kg	57	8.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	57.	1
Isopropylbenzene	430		ug/kg	57	6.2	1
p-Isopropyltoluene	98		ug/kg	57	6.2	1
n-Propylbenzene	2400		ug/kg	57	9.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	16.	1
1,3,5-Trimethylbenzene	4600		ug/kg	110	11.	1
1,2,4-Trimethylbenzene	18000	E	ug/kg	110	19.	1
Methyl Acetate	ND		ug/kg	230	54.	1
Cyclohexane	38	J	ug/kg	570	31.	1
1,4-Dioxane	ND		ug/kg	4600	2000	1
Freon-113	ND		ug/kg	230	40.	1
Methyl cyclohexane	420		ug/kg	230	34.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-03 Date Collected: 02/08/21 11:20

Client ID: SB-4 (8-9') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	9190	J	ug/kg			1
Unknown Aromatic	1120	J	ug/kg			1
Unknown Alkane	613	J	ug/kg			1
Heptane, 3-methyl-	1740	NJ	ug/kg			1
Unknown	1160	J	ug/kg			1
Octane, 3-methyl-	799	NJ	ug/kg			1
Unknown Benzene	887	J	ug/kg			1
Unknown Benzene	910	J	ug/kg			1
Unknown Aromatic	402	J	ug/kg			1
Unknown Aromatic	807	J	ug/kg			1
Unknown Benzene	747	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	89		70-130

Project Name: 1681-1707 MAIN STREET
Lab Number: L2106473
Project Number: 0549-020-001
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-03 D
Client ID: SB-4 (8-9')
Sample Location: BUFFALO, NY

Date Collected: 02/08/21 11:20
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/13/21 15:30
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	17000		ug/kg	230	38.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1707 MAIN STREET
Lab Number: L2106473
Project Number: 0549-020-001
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04 D2
Client ID: SB-6 (1-2')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 09:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/15/21 09:35
Analyst: MV
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	180000		ug/kg	2200	360	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	**135**	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04 D
Client ID: SB-6 (1-2')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 09:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/13/21 15:52
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	2700	1200	10
1,1-Dichloroethane	ND		ug/kg	540	78.	10
Chloroform	ND		ug/kg	810	76.	10
Carbon tetrachloride	ND		ug/kg	540	120	10
1,2-Dichloropropane	ND		ug/kg	540	68.	10
Dibromochloromethane	ND		ug/kg	540	76.	10
1,1,2-Trichloroethane	ND		ug/kg	540	140	10
Tetrachloroethene	ND		ug/kg	270	110	10
Chlorobenzene	ND		ug/kg	270	69.	10
Trichlorofluoromethane	ND		ug/kg	2200	380	10
1,2-Dichloroethane	ND		ug/kg	540	140	10
1,1,1-Trichloroethane	ND		ug/kg	270	90.	10
Bromodichloromethane	ND		ug/kg	270	59.	10
trans-1,3-Dichloropropene	ND		ug/kg	540	150	10
cis-1,3-Dichloropropene	ND		ug/kg	270	85.	10
Bromoform	ND		ug/kg	2200	130	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	270	90.	10
Benzene	450		ug/kg	270	90.	10
Toluene	1300		ug/kg	540	290	10
Ethylbenzene	3700		ug/kg	540	76.	10
Chloromethane	ND		ug/kg	2200	500	10
Bromomethane	ND		ug/kg	1100	310	10
Vinyl chloride	ND		ug/kg	540	180	10
Chloroethane	ND		ug/kg	1100	240	10
1,1-Dichloroethene	ND		ug/kg	540	130	10
trans-1,2-Dichloroethene	ND		ug/kg	810	74.	10
Trichloroethene	ND		ug/kg	270	74.	10
1,2-Dichlorobenzene	1800		ug/kg	1100	78.	10

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04 D
Client ID: SB-6 (1-2')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 09:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	100	J	ug/kg	1100	80.	10
1,4-Dichlorobenzene	590	J	ug/kg	1100	92.	10
Methyl tert butyl ether	ND		ug/kg	1100	110	10
p/m-Xylene	58000		ug/kg	1100	300	10
o-Xylene	16000		ug/kg	540	160	10
cis-1,2-Dichloroethene	ND		ug/kg	540	95.	10
Styrene	ND		ug/kg	540	110	10
Dichlorodifluoromethane	ND		ug/kg	5400	490	10
Acetone	ND		ug/kg	5400	2600	10
Carbon disulfide	ND		ug/kg	5400	2500	10
2-Butanone	ND		ug/kg	5400	1200	10
4-Methyl-2-pentanone	ND		ug/kg	5400	690	10
2-Hexanone	ND		ug/kg	5400	640	10
Bromochloromethane	ND		ug/kg	1100	110	10
1,2-Dibromoethane	ND		ug/kg	540	150	10
n-Butylbenzene	4600		ug/kg	540	90.	10
sec-Butylbenzene	2800		ug/kg	540	79.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	1600	540	10
Isopropylbenzene	980		ug/kg	540	59.	10
p-Isopropyltoluene	5600		ug/kg	540	59.	10
n-Propylbenzene	3100		ug/kg	540	92.	10
1,2,3-Trichlorobenzene	ND		ug/kg	1100	170	10
1,2,4-Trichlorobenzene	ND		ug/kg	1100	150	10
1,3,5-Trimethylbenzene	50000		ug/kg	1100	100	10
1,2,4-Trimethylbenzene	180000	E	ug/kg	1100	180	10
Methyl Acetate	ND		ug/kg	2200	510	10
Cyclohexane	430	J	ug/kg	5400	290	10
1,4-Dioxane	ND		ug/kg	43000	19000	10
Freon-113	ND		ug/kg	2200	370	10
Methyl cyclohexane	2800		ug/kg	2200	330	10

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04 D Date Collected: 02/09/21 09:35

Client ID: SB-6 (1-2') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	147000	J	ug/kg			10
Unknown	3800	J	ug/kg			10
Unknown	47600	J	ug/kg			10
Unknown Alkane	30300	J	ug/kg			10
Unknown Benzene	5660	J	ug/kg			10
Unknown Benzene	4470	J	ug/kg			10
Unknown Cyclohexane	16600	J	ug/kg			10
Unknown Benzene	4930	J	ug/kg			10
Unknown Aromatic	5250	J	ug/kg			10
Unknown Benzene	8890	J	ug/kg			10
Unknown	19400	J	ug/kg			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	**175**	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05 D2 Date Collected: 02/09/21 10:20
Client ID: SB-8 (0.5-1.5') Date Received: 02/10/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/15/21 09:57
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	680	310	2
1,1-Dichloroethane	ND		ug/kg	140	20.	2
Chloroform	ND		ug/kg	200	19.	2
Carbon tetrachloride	ND		ug/kg	140	31.	2
1,2-Dichloropropane	ND		ug/kg	140	17.	2
Dibromochloromethane	ND		ug/kg	140	19.	2
1,1,2-Trichloroethane	ND		ug/kg	140	36.	2
Tetrachloroethene	ND		ug/kg	68	26.	2
Chlorobenzene	ND		ug/kg	68	17.	2
Trichlorofluoromethane	ND		ug/kg	540	94.	2
1,2-Dichloroethane	ND		ug/kg	140	35.	2
1,1,1-Trichloroethane	ND		ug/kg	68	23.	2
Bromodichloromethane	ND		ug/kg	68	15.	2
trans-1,3-Dichloropropene	ND		ug/kg	140	37.	2
cis-1,3-Dichloropropene	ND		ug/kg	68	21.	2
Bromoform	ND		ug/kg	540	33.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	68	22.	2
Benzene	160		ug/kg	68	22.	2
Toluene	360		ug/kg	140	74.	2
Ethylbenzene	630		ug/kg	140	19.	2
Chloromethane	ND		ug/kg	540	130	2
Bromomethane	ND		ug/kg	270	79.	2
Vinyl chloride	ND		ug/kg	140	45.	2
Chloroethane	ND		ug/kg	270	61.	2
1,1-Dichloroethene	ND		ug/kg	140	32.	2
trans-1,2-Dichloroethene	ND		ug/kg	200	18.	2
Trichloroethene	ND		ug/kg	68	18.	2
1,2-Dichlorobenzene	460		ug/kg	270	20.	2

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05 D2 Date Collected: 02/09/21 10:20
Client ID: SB-8 (0.5-1.5') Date Received: 02/10/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	270	20.	2
1,4-Dichlorobenzene	150	J	ug/kg	270	23.	2
Methyl tert butyl ether	ND		ug/kg	270	27.	2
p/m-Xylene	15000		ug/kg	270	76.	2
o-Xylene	2100		ug/kg	140	39.	2
cis-1,2-Dichloroethene	ND		ug/kg	140	24.	2
Styrene	ND		ug/kg	140	26.	2
Dichlorodifluoromethane	ND		ug/kg	1400	120	2
Acetone	ND		ug/kg	1400	650	2
Carbon disulfide	ND		ug/kg	1400	620	2
2-Butanone	ND		ug/kg	1400	300	2
4-Methyl-2-pentanone	ND		ug/kg	1400	170	2
2-Hexanone	ND		ug/kg	1400	160	2
Bromochloromethane	ND		ug/kg	270	28.	2
1,2-Dibromoethane	ND		ug/kg	140	38.	2
n-Butylbenzene	870		ug/kg	140	23.	2
sec-Butylbenzene	560		ug/kg	140	20.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	140	2
Isopropylbenzene	150		ug/kg	140	15.	2
p-Isopropyltoluene	1500		ug/kg	140	15.	2
n-Propylbenzene	420		ug/kg	140	23.	2
1,2,3-Trichlorobenzene	ND		ug/kg	270	44.	2
1,2,4-Trichlorobenzene	ND		ug/kg	270	37.	2
1,3,5-Trimethylbenzene	11000		ug/kg	270	26.	2
1,2,4-Trimethylbenzene	48000	E	ug/kg	270	45.	2
Methyl Acetate	ND		ug/kg	540	130	2
Cyclohexane	140	J	ug/kg	1400	74.	2
1,4-Dioxane	ND		ug/kg	11000	4800	2
Freon-113	ND		ug/kg	540	94.	2
Methyl cyclohexane	1000		ug/kg	540	82.	2

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05 D2 Date Collected: 02/09/21 10:20
Client ID: SB-8 (0.5-1.5') Date Received: 02/10/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	35900	J	ug/kg			2
Unknown	10400	J	ug/kg			2
Unknown Benzene	2400	J	ug/kg			2
Unknown	5130	J	ug/kg			2
Unknown	3960	J	ug/kg			2
Unknown Aromatic	898	J	ug/kg			2
Unknown Alkane	8260	J	ug/kg			2
Unknown Aromatic	954	J	ug/kg			2
Unknown Benzene	1540	J	ug/kg			2
Unknown Benzene	1190	J	ug/kg			2
Unknown Benzene	1170	J	ug/kg			2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	**167**	Q	70-130
Dibromofluoromethane	95		70-130

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05 D
Client ID: SB-8 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 10:20
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/13/21 16:13
Analyst: AJK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	48000		ug/kg	680	110	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	126		70-130
Dibromofluoromethane	94		70-130

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/12/21 09:03
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1464199-5					
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
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	0.86	J	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
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/12/21 09:03
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1464199-5					
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/12/21 09:03
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1464199-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/15/21 07:27
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1464717-10					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/15/21 07:27
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1464717-10					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/15/21 07:27
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1464717-10					
Tentatively Identified Compounds					
Total TIC Compounds	110	J	ug/kg		
Unknown	110	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/13/21 08:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-05 Batch: WG1464717-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/13/21 08:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-05 Batch: WG1464717-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/13/21 08:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-05 Batch: WG1464717-5					
Tentatively Identified Compounds					
Total TIC Compounds	102	J	ug/kg		
Unknown	102	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1464199-3 WG1464199-4								
Methylene chloride	90		91		70-130	1		20
1,1-Dichloroethane	90		90		70-130	0		20
Chloroform	95		93		70-130	2		20
Carbon tetrachloride	91		89		63-132	2		20
1,2-Dichloropropane	90		89		70-130	1		20
Dibromochloromethane	110		100		63-130	10		20
1,1,2-Trichloroethane	96		97		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	98		98		75-130	0		20
Trichlorofluoromethane	92		91		62-150	1		20
1,2-Dichloroethane	91		90		70-130	1		20
1,1,1-Trichloroethane	97		96		67-130	1		20
Bromodichloromethane	94		92		67-130	2		20
trans-1,3-Dichloropropene	100		99		70-130	1		20
cis-1,3-Dichloropropene	89		89		70-130	0		20
Bromoform	120		100		54-136	18		20
1,1,2,2-Tetrachloroethane	96		94		67-130	2		20
Benzene	93		92		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	98		96		70-130	2		20
Chloromethane	100		100		64-130	0		20
Bromomethane	86		88		39-139	2		20
Vinyl chloride	80		79		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1464199-3 WG1464199-4								
Chloroethane	83		83		55-138	0		20
1,1-Dichloroethene	89		88		61-145	1		20
trans-1,2-Dichloroethene	91		91		70-130	0		20
Trichloroethene	97		96		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	87		86		63-130	1		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	94		93		70-130	1		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	78		76		36-147	3		20
Acetone	110		78		58-148	**34**	Q	20
Carbon disulfide	88		85		51-130	3		20
2-Butanone	83		76		63-138	9		20
4-Methyl-2-pentanone	86		85		59-130	1		20
2-Hexanone	82		78		57-130	5		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	92		92		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	92		94		41-144	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1464199-3 WG1464199-4								
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		100		70-130	10		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Methyl Acetate	77		74		70-130	4		20
Cyclohexane	87		86		70-130	1		20
1,4-Dioxane	102		100		56-162	2		20
Freon-113	89		88		70-130	1		20
Methyl cyclohexane	95		94		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	110		109		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-05 Batch: WG1464717-3 WG1464717-4								
Methylene chloride	91		87		70-130	4		30
1,1-Dichloroethane	88		85		70-130	3		30
Chloroform	87		84		70-130	4		30
Carbon tetrachloride	98		93		70-130	5		30
1,2-Dichloropropane	89		86		70-130	3		30
Dibromochloromethane	93		93		70-130	0		30
1,1,2-Trichloroethane	86		86		70-130	0		30
Tetrachloroethene	95		97		70-130	2		30
Chlorobenzene	93		90		70-130	3		30
Trichlorofluoromethane	86		83		70-139	4		30
1,2-Dichloroethane	80		78		70-130	3		30
1,1,1-Trichloroethane	92		86		70-130	7		30
Bromodichloromethane	88		83		70-130	6		30
trans-1,3-Dichloropropene	95		94		70-130	1		30
cis-1,3-Dichloropropene	89		85		70-130	5		30
Bromoform	96		99		70-130	3		30
1,1,2,2-Tetrachloroethane	82		87		70-130	6		30
Benzene	92		88		70-130	4		30
Toluene	91		88		70-130	3		30
Ethylbenzene	92		88		70-130	4		30
Chloromethane	81		77		52-130	5		30
Bromomethane	114		102		57-147	11		30
Vinyl chloride	89		85		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-05 Batch: WG1464717-3 WG1464717-4								
Chloroethane	94		90		50-151	4		30
1,1-Dichloroethene	90		88		65-135	2		30
trans-1,2-Dichloroethene	91		85		70-130	7		30
Trichloroethene	91		88		70-130	3		30
1,2-Dichlorobenzene	90		92		70-130	2		30
1,3-Dichlorobenzene	94		96		70-130	2		30
1,4-Dichlorobenzene	92		94		70-130	2		30
Methyl tert butyl ether	84		82		66-130	2		30
p/m-Xylene	91		89		70-130	2		30
o-Xylene	89		88		70-130	1		30
cis-1,2-Dichloroethene	88		85		70-130	3		30
Styrene	85		83		70-130	2		30
Dichlorodifluoromethane	72		69		30-146	4		30
Acetone	71		76		54-140	7		30
Carbon disulfide	80		78		59-130	3		30
2-Butanone	**68**	Q	70		70-130	3		30
4-Methyl-2-pentanone	76		79		70-130	4		30
2-Hexanone	70		73		70-130	4		30
Bromochloromethane	84		82		70-130	2		30
1,2-Dibromoethane	84		84		70-130	0		30
n-Butylbenzene	103		106		70-130	3		30
sec-Butylbenzene	96		98		70-130	2		30
1,2-Dibromo-3-chloropropane	89		94		68-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-05 Batch: WG1464717-3 WG1464717-4								
Isopropylbenzene	93		95		70-130	2		30
p-Isopropyltoluene	98		100		70-130	2		30
n-Propylbenzene	95		96		70-130	1		30
1,2,3-Trichlorobenzene	93		98		70-130	5		30
1,2,4-Trichlorobenzene	100		103		70-130	3		30
1,3,5-Trimethylbenzene	95		96		70-130	1		30
1,2,4-Trimethylbenzene	96		97		70-130	1		30
Methyl Acetate	78		78		51-146	0		30
Cyclohexane	94		91		59-142	3		30
1,4-Dioxane	71		75		65-136	5		30
Freon-113	92		88		50-139	4		30
Methyl cyclohexane	96		92		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		91		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	95		99		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1464717-8 WG1464717-9								
Methylene chloride	97		92		70-130	5		30
1,1-Dichloroethane	96		90		70-130	6		30
Chloroform	94		87		70-130	8		30
Carbon tetrachloride	107		99		70-130	8		30
1,2-Dichloropropane	95		90		70-130	5		30
Dibromochloromethane	104		98		70-130	6		30
1,1,2-Trichloroethane	93		90		70-130	3		30
Tetrachloroethene	106		98		70-130	8		30
Chlorobenzene	100		94		70-130	6		30
Trichlorofluoromethane	94		87		70-139	8		30
1,2-Dichloroethane	87		82		70-130	6		30
1,1,1-Trichloroethane	98		91		70-130	7		30
Bromodichloromethane	95		90		70-130	5		30
trans-1,3-Dichloropropene	106		100		70-130	6		30
cis-1,3-Dichloropropene	98		93		70-130	5		30
Bromoform	108		102		70-130	6		30
1,1,2,2-Tetrachloroethane	92		86		70-130	7		30
Benzene	100		94		70-130	6		30
Toluene	97		91		70-130	6		30
Ethylbenzene	96		91		70-130	5		30
Chloromethane	94		87		52-130	8		30
Bromomethane	121		109		57-147	10		30
Vinyl chloride	101		92		67-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1464717-8 WG1464717-9								
Chloroethane	104		95		50-151	9		30
1,1-Dichloroethene	101		92		65-135	9		30
trans-1,2-Dichloroethene	98		92		70-130	6		30
Trichloroethene	99		92		70-130	7		30
1,2-Dichlorobenzene	95		90		70-130	5		30
1,3-Dichlorobenzene	99		92		70-130	7		30
1,4-Dichlorobenzene	99		90		70-130	10		30
Methyl tert butyl ether	95		89		66-130	7		30
p/m-Xylene	97		90		70-130	7		30
o-Xylene	95		90		70-130	5		30
cis-1,2-Dichloroethene	95		88		70-130	8		30
Styrene	91		85		70-130	7		30
Dichlorodifluoromethane	96		87		30-146	10		30
Acetone	86		80		54-140	7		30
Carbon disulfide	93		84		59-130	10		30
2-Butanone	80		71		70-130	12		30
4-Methyl-2-pentanone	89		86		70-130	3		30
2-Hexanone	84		77		70-130	9		30
Bromochloromethane	91		89		70-130	2		30
1,2-Dibromoethane	93		89		70-130	4		30
n-Butylbenzene	109		100		70-130	9		30
sec-Butylbenzene	99		92		70-130	7		30
1,2-Dibromo-3-chloropropane	105		98		68-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1464717-8 WG1464717-9								
Isopropylbenzene	98		90		70-130	9		30
p-Isopropyltoluene	103		96		70-130	7		30
n-Propylbenzene	100		92		70-130	8		30
1,2,3-Trichlorobenzene	102		95		70-130	7		30
1,2,4-Trichlorobenzene	108		100		70-130	8		30
1,3,5-Trimethylbenzene	99		92		70-130	7		30
1,2,4-Trimethylbenzene	99		93		70-130	6		30
Methyl Acetate	90		84		51-146	7		30
Cyclohexane	103		96		59-142	7		30
1,4-Dioxane	91		74		65-136	21		30
Freon-113	103		95		50-139	8		30
Methyl cyclohexane	102		95		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		92		70-130
Toluene-d8	98		100		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-02
Client ID: SB-2 (7-8')
Sample Location: BUFFALO, NY

Date Collected: 02/08/21 09:50
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/21 17:21
Analyst: IM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	85	J	ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	2600		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-02 Date Collected: 02/08/21 09:50

Client ID: SB-2 (7-8') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	44	J	ug/kg	210	20.	1
Phenanthrene	44	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	62	J	ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	2700		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-02 Date Collected: 02/08/21 09:50

Client ID: SB-2 (7-8') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
Total TIC Compounds	110000	J	ug/kg			1
Unknown Benzene	6230	J	ug/kg			1
Unknown Benzene	2650	J	ug/kg			1
Unknown Benzene	7820	J	ug/kg			1
Unknown Benzene	5610	J	ug/kg			1
Unknown Benzene	20100	J	ug/kg			1
Unknown Benzene	4000	J	ug/kg			1
Unknown Benzene	15600	J	ug/kg			1
Unknown	3980	J	ug/kg			1
Unknown Benzene	6140	J	ug/kg			1
Unknown Benzene	8200	J	ug/kg			1
Unknown Benzene	15100	J	ug/kg			1
Unknown	4170	J	ug/kg			1
Unknown Alkane	2820	J	ug/kg			1
Unknown Benzene	5600	J	ug/kg			1
Unknown Benzene	2270	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-03
Client ID: SB-4 (8-9')
Sample Location: BUFFALO, NY

Date Collected: 02/08/21 11:20
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/21 17:45
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	930		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-03 Date Collected: 02/08/21 11:20

Client ID: SB-4 (8-9') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	330		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	65	J	ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-03 Date Collected: 02/08/21 11:20

Client ID: SB-4 (8-9') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
Total TIC Compounds	12300	J	ug/kg			1
Unknown Benzene	376	J	ug/kg			1
Benzene, Propyl-	406	NJ	ug/kg			1
Unknown Benzene	609	J	ug/kg			1
Unknown Alkane	530	J	ug/kg			1
Indane	471	NJ	ug/kg			1
Unknown Benzene	1120	J	ug/kg			1
Unknown Benzene	1570	J	ug/kg			1
Unknown Benzene	2580	J	ug/kg			1
Unknown	1170	J	ug/kg			1
Unknown Benzene	391	J	ug/kg			1
Unknown Benzene	433	J	ug/kg			1
Unknown Benzene	829	J	ug/kg			1
Unknown	274	J	ug/kg			1
Unknown Benzene	652	J	ug/kg			1
Unknown Benzene	849	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	76		18-120

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04
Client ID: SB-6 (1-2')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 09:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/17/21 11:49
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	150	J	ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	300		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	11000	E	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	1300		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	150		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04 Date Collected: 02/09/21 09:35

Client ID: SB-6 (1-2') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	230		ug/kg	110	18.	1
Acenaphthylene	70	J	ug/kg	140	27.	1
Anthracene	140		ug/kg	110	35.	1
Benzo(ghi)perylene	200		ug/kg	140	21.	1
Fluorene	410		ug/kg	180	17.	1
Phenanthrene	500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	690		ug/kg	110	18.	1
Biphenyl	66	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	16000	E	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	160	J	ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	350		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04 Date Collected: 02/09/21 09:35

Client ID: SB-6 (1-2') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
Tentatively Identified Compounds						
Total TIC Compounds	67800	J	ug/kg			1
Unknown Benzene	7600	J	ug/kg			1
Unknown Benzene	7310	J	ug/kg			1
Unknown	5190	J	ug/kg			1
Unknown Benzene	3150	J	ug/kg			1
Unknown Benzene	4980	J	ug/kg			1
Unknown Alkane	3210	J	ug/kg			1
Unknown Benzene	3490	J	ug/kg			1
Unknown Benzene	4870	J	ug/kg			1
Unknown	3630	J	ug/kg			1
Unknown Naphthalene	3040	J	ug/kg			1
Unknown	3400	J	ug/kg			1
Unknown	3570	J	ug/kg			1
Unknown Naphthalene	3500	J	ug/kg			1
Unknown Naphthalene	3930	J	ug/kg			1
Unknown Benzene	6970	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	**142**	Q	23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	59		18-120

Project Name: 1681-1707 MAIN STREET
Lab Number: L2106473
Project Number: 0549-020-001
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04 D
Client ID: SB-6 (1-2')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 09:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/15/21 18:21
Analyst: SZ
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	12000		ug/kg	890	110	5
2-Methylnaphthalene	17000		ug/kg	1100	110	5

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05
Client ID: SB-8 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 10:20
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/21 14:36
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	220		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	6900		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	680		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	90	J	ug/kg	120	22.	1
Benzo(a)pyrene	58	J	ug/kg	160	48.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05 Date Collected: 02/09/21 10:20

Client ID: SB-8 (0.5-1.5') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	61	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	110	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	110	J	ug/kg	120	39.	1
Benzo(ghi)perylene	100	J	ug/kg	160	23.	1
Fluorene	260		ug/kg	200	19.	1
Phenanthrene	430		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	370		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	9900	E	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	320		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1707 MAIN STREET **Lab Number:** L2106473

Project Number: 0549-020-001 **Report Date:** 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05 Date Collected: 02/09/21 10:20

Client ID: SB-8 (0.5-1.5') Date Received: 02/10/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
Total TIC Compounds	276000	J	ug/kg			1
Unknown Alkane	10600	J	ug/kg			1
Unknown	10100	J	ug/kg			1
Unknown Benzene	22700	J	ug/kg			1
Unknown Naphthalene	12500	J	ug/kg			1
Unknown Alkane	54300	J	ug/kg			1
Unknown	11600	J	ug/kg			1
Unknown Benzene	7440	J	ug/kg			1
Unknown Benzene	9710	J	ug/kg			1
Unknown Benzene	39500	J	ug/kg			1
Unknown Benzene	14600	J	ug/kg			1
Unknown Benzene	31300	J	ug/kg			1
Unknown Benzene	8930	J	ug/kg			1
Unknown Cycloalkane	19000	J	ug/kg			1
Unknown	15600	J	ug/kg			1
Unknown	7740	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	76		18-120

Project Name: 1681-1707 MAIN STREET
Lab Number: L2106473
Project Number: 0549-020-001
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05 D
Client ID: SB-8 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 10:20
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/15/21 17:57
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Methylnaphthalene	8500		ug/kg	1200	120	5

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-06
Client ID: SB-12 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 11:30
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/21 15:00
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	37	J	ug/kg	150	20.	1
Fluoranthene	1000		ug/kg	110	22.	1
Naphthalene	210		ug/kg	190	23.	1
Benzo(a)anthracene	710		ug/kg	110	22.	1
Benzo(a)pyrene	690		ug/kg	150	47.	1
Benzo(b)fluoranthene	1200		ug/kg	110	32.	1
Benzo(k)fluoranthene	360		ug/kg	110	31.	1
Chrysene	780		ug/kg	110	20.	1
Acenaphthylene	370		ug/kg	150	30.	1
Anthracene	280		ug/kg	110	37.	1
Benzo(ghi)perylene	500		ug/kg	150	22.	1
Fluorene	75	J	ug/kg	190	19.	1
Phenanthrene	620		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	160		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	520		ug/kg	150	27.	1
Pyrene	900		ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	79		18-120

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-07
Client ID: SB-15 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 14:00
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/21 15:24
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1700		ug/kg	150	20.	1
Fluoranthene	21000	E	ug/kg	120	22.	1
Naphthalene	850		ug/kg	190	23.	1
Benzo(a)anthracene	12000	E	ug/kg	120	22.	1
Benzo(a)pyrene	10000	E	ug/kg	150	47.	1
Benzo(b)fluoranthene	14000	E	ug/kg	120	32.	1
Benzo(k)fluoranthene	4200		ug/kg	120	31.	1
Chrysene	10000	E	ug/kg	120	20.	1
Acenaphthylene	480		ug/kg	150	30.	1
Anthracene	3600		ug/kg	120	37.	1
Benzo(ghi)perylene	5300		ug/kg	150	22.	1
Fluorene	1500		ug/kg	190	19.	1
Phenanthrene	13000	E	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	1600		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	6600		ug/kg	150	27.	1
Pyrene	16000	E	ug/kg	120	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	46		18-120

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-07 D
Client ID: SB-15 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 14:00
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/15/21 17:33
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/12/21 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	18000		ug/kg	580	110	5
Benzo(a)anthracene	9900		ug/kg	580	110	5
Benzo(a)pyrene	9100		ug/kg	770	230	5
Benzo(b)fluoranthene	12000		ug/kg	580	160	5
Chrysene	9200		ug/kg	580	100	5
Phenanthrene	12000		ug/kg	580	120	5
Pyrene	14000		ug/kg	580	95.	5

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/21 00:39
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/11/21 18:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07 Batch: WG1463963-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/21 00:39
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/11/21 18:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07 Batch: WG1463963-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/21 00:39
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/11/21 18:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07 Batch: WG1463963-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 Batch: WG1463963-2 WG1463963-3								
Acenaphthene	65		82		31-137	23		50
Hexachlorobenzene	76		97		40-140	24		50
Bis(2-chloroethyl)ether	64		76		40-140	17		50
2-Chloronaphthalene	69		85		40-140	21		50
3,3'-Dichlorobenzidine	65		70		40-140	7		50
2,4-Dinitrotoluene	69		88		40-132	24		50
2,6-Dinitrotoluene	82		105		40-140	25		50
Fluoranthene	69		87		40-140	23		50
4-Chlorophenyl phenyl ether	70		89		40-140	24		50
4-Bromophenyl phenyl ether	76		96		40-140	23		50
Bis(2-chloroisopropyl)ether	64		78		40-140	20		50
Bis(2-chloroethoxy)methane	67		85		40-117	24		50
Hexachlorobutadiene	71		82		40-140	14		50
Hexachlorocyclopentadiene	68		86		40-140	23		50
Hexachloroethane	66		74		40-140	11		50
Isophorone	69		87		40-140	23		50
Naphthalene	65		78		40-140	18		50
Nitrobenzene	72		87		40-140	19		50
NDPA/DPA	71		92		36-157	26		50
n-Nitrosodi-n-propylamine	73		90		32-121	21		50
Bis(2-ethylhexyl)phthalate	82		102		40-140	22		50
Butyl benzyl phthalate	78		97		40-140	22		50
Di-n-butylphthalate	78		98		40-140	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 Batch: WG1463963-2 WG1463963-3								
Di-n-octylphthalate	80		99		40-140	21		50
Diethyl phthalate	74		95		40-140	25		50
Dimethyl phthalate	76		97		40-140	24		50
Benzo(a)anthracene	66		84		40-140	24		50
Benzo(a)pyrene	77		94		40-140	20		50
Benzo(b)fluoranthene	73		95		40-140	26		50
Benzo(k)fluoranthene	74		86		40-140	15		50
Chrysene	68		86		40-140	23		50
Acenaphthylene	69		87		40-140	23		50
Anthracene	68		86		40-140	23		50
Benzo(ghi)perylene	70		88		40-140	23		50
Fluorene	67		86		40-140	25		50
Phenanthrene	66		85		40-140	25		50
Dibenzo(a,h)anthracene	69		86		40-140	22		50
Indeno(1,2,3-cd)pyrene	68		87		40-140	25		50
Pyrene	68		87		35-142	25		50
Biphenyl	64		78		37-127	20		50
4-Chloroaniline	62		68		40-140	9		50
2-Nitroaniline	81		104		47-134	25		50
3-Nitroaniline	62		68		26-129	9		50
4-Nitroaniline	69		91		41-125	28		50
Dibenzofuran	66		84		40-140	24		50
2-Methylnaphthalene	66		81		40-140	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 Batch: WG1463963-2 WG1463963-3								
1,2,4,5-Tetrachlorobenzene	67		83		40-117	21		50
Acetophenone	65		80		14-144	21		50
2,4,6-Trichlorophenol	80		100		30-130	22		50
p-Chloro-m-cresol	78		100		26-103	25		50
2-Chlorophenol	68		85		25-102	22		50
2,4-Dichlorophenol	76		98		30-130	25		50
2,4-Dimethylphenol	73		92		30-130	23		50
2-Nitrophenol	76		98		30-130	25		50
4-Nitrophenol	85		112		11-114	27		50
2,4-Dinitrophenol	84		110		4-130	27		50
4,6-Dinitro-o-cresol	84		107		10-130	24		50
Pentachlorophenol	81		103		17-109	24		50
Phenol	67		83		26-90	21		50
2-Methylphenol	70		90		30-130.	25		50
3-Methylphenol/4-Methylphenol	72		91		30-130	23		50
2,4,5-Trichlorophenol	82		106		30-130	26		50
Carbazole	68		88		54-128	26		50
Atrazine	81		101		40-140	22		50
Benzaldehyde	59		66		40-140	11		50
Caprolactam	80		104		15-130	26		50
2,3,4,6-Tetrachlorophenol	81		104		40-140	25		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 Batch: WG1463963-2 WG1463963-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		84		25-120
Phenol-d6	73		90		10-120
Nitrobenzene-d5	73		88		23-120
2-Fluorobiphenyl	70		87		30-120
2,4,6-Tribromophenol	91		118		10-136
4-Terphenyl-d14	70		88		18-120

METALS

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-06
Client ID: SB-12 (0.5-1.5')
Sample Location: BUFFALO, NY
Date Collected: 02/09/21 11:30
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.20		mg/kg	0.458	0.095	1	02/12/21 04:20	02/12/21 09:17	EPA 3050B	1,6010D	GD
Barium, Total	93.8		mg/kg	0.458	0.080	1	02/12/21 04:20	02/12/21 09:17	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.458	0.045	1	02/12/21 04:20	02/12/21 09:17	EPA 3050B	1,6010D	GD
Chromium, Total	12.1		mg/kg	0.458	0.044	1	02/12/21 04:20	02/12/21 09:17	EPA 3050B	1,6010D	GD
Lead, Total	44.8		mg/kg	2.29	0.123	1	02/12/21 04:20	02/12/21 09:17	EPA 3050B	1,6010D	GD
Mercury, Total	0.058	J	mg/kg	0.089	0.058	1	02/12/21 04:13	02/13/21 16:17	EPA 7471B	1,7471B	NB
Selenium, Total	0.875	J	mg/kg	0.916	0.118	1	02/12/21 04:20	02/12/21 09:17	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.458	0.130	1	02/12/21 04:20	02/12/21 09:17	EPA 3050B	1,6010D	GD

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-07
Client ID: SB-15 (0.5-1.5')
Sample Location: BUFFALO, NY
Date Collected: 02/09/21 14:00
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12.4		mg/kg	0.456	0.095	1	02/12/21 04:20	02/12/21 09:22	EPA 3050B	1,6010D	GD
Barium, Total	60.4		mg/kg	0.456	0.079	1	02/12/21 04:20	02/12/21 09:22	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.456	0.045	1	02/12/21 04:20	02/12/21 09:22	EPA 3050B	1,6010D	GD
Chromium, Total	21.6		mg/kg	0.456	0.044	1	02/12/21 04:20	02/12/21 09:22	EPA 3050B	1,6010D	GD
Lead, Total	117		mg/kg	2.28	0.122	1	02/12/21 04:20	02/12/21 09:22	EPA 3050B	1,6010D	GD
Mercury, Total	0.091		mg/kg	0.080	0.052	1	02/12/21 04:13	02/13/21 16:20	EPA 7471B	1,7471B	NB
Selenium, Total	1.20		mg/kg	0.912	0.118	1	02/12/21 04:20	02/12/21 09:22	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.456	0.129	1	02/12/21 04:20	02/12/21 09:22	EPA 3050B	1,6010D	GD

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2106473
Report Date: 02/17/21

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): 06-07 Batch: WG1463970-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/12/21 04:20	02/12/21 08:13	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	02/12/21 04:20	02/12/21 08:13	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/12/21 04:20	02/12/21 08:13	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/12/21 04:20	02/12/21 08:13	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	02/12/21 04:20	02/12/21 08:13	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/12/21 04:20	02/12/21 08:13	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	02/12/21 04:20	02/12/21 08:13	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1463971-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/12/21 04:13	02/13/21 15:27	1,7471B	NB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1463970-2 SRM Lot Number: D109-540								
Arsenic, Total	111		-		70-130	-		
Barium, Total	103		-		75-125	-		
Cadmium, Total	100		-		75-125	-		
Chromium, Total	105		-		70-130	-		
Lead, Total	108		-		72-128	-		
Selenium, Total	106		-		68-132	-		
Silver, Total	110		-		68-131	-		
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1463971-2 SRM Lot Number: D109-540								
Mercury, Total	108		-		60-140	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

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): 06-07 QC Batch ID: WG1463970-3 QC Sample: L2106428-01 Client ID: MS Sample												
Arsenic, Total	10.6	11.2	15.6	**45**	Q	-	-		75-125	-		20
Barium, Total	37.8	187	227	101		-	-		75-125	-		20
Cadmium, Total	ND	4.76	3.83	80		-	-		75-125	-		20
Chromium, Total	18.6	18.7	33.4	79		-	-		75-125	-		20
Lead, Total	15.0	47.6	54.0	82		-	-		75-125	-		20
Selenium, Total	ND	11.2	10.1	90		-	-		75-125	-		20
Silver, Total	ND	28	26.3	94		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1463971-3 QC Sample: L2106428-01 Client ID: MS Sample												
Mercury, Total	ND	0.188	0.175	93		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1463970-4 QC Sample: L2106428-01 Client ID: DUP Sample						
Arsenic, Total	10.6	3.74	mg/kg	**96**	Q	20
Barium, Total	37.8	34.4	mg/kg	9		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	18.6	12.3	mg/kg	**41**	Q	20
Lead, Total	15.0	10.5	mg/kg	**35**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1463971-4 QC Sample: L2106428-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-02
Client ID: SB-2 (7-8')
Sample Location: BUFFALO, NY

Date Collected: 02/08/21 09:50
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.5		%	0.100	NA	1	-	02/11/21 11:38	121,2540G	RI

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-03
Client ID: SB-4 (8-9')
Sample Location: BUFFALO, NY

Date Collected: 02/08/21 11:20
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	02/11/21 11:38	121,2540G	RI

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-04
Client ID: SB-6 (1-2')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 09:35
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	02/11/21 11:38	121,2540G	RI

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-05
Client ID: SB-8 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 10:20
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	02/11/21 11:38	121,2540G	RI

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-06
Client ID: SB-12 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 11:30
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	02/11/21 11:38	121,2540G	RI

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

SAMPLE RESULTS

Lab ID: L2106473-07
Client ID: SB-15 (0.5-1.5')
Sample Location: BUFFALO, NY

Date Collected: 02/09/21 14:00
Date Received: 02/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	02/11/21 11:38	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1707 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2106473

Report Date: 02/17/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-07 QC Batch ID: WG1463802-1 QC Sample: L2106534-01 Client ID: DUP Sample						
Solids, Total	71.3	72.1	%	1		20

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2106473-01A	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260-R2(14)
L2106473-01B	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260-R2(14)
L2106473-01C	Vial HCl preserved	A	NA		5.4	Y	Absent		NYTCL-8260-R2(14)
L2106473-02A	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),NYTCL-8260-R2(14),TS(7)
L2106473-02X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260-R2(14)
L2106473-02Y	Vial Water preserved split	A	NA		5.4	Y	Absent	**11-FEB-21 14:54**	NYTCL-8260-R2(14)
L2106473-02Z	Vial Water preserved split	A	NA		5.4	Y	Absent	**11-FEB-21 14:54**	NYTCL-8260-R2(14)
L2106473-03A	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),NYTCL-8260-R2(14),TS(7)
L2106473-03X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260-R2(14)
L2106473-03Y	Vial Water preserved split	A	NA		5.4	Y	Absent	**11-FEB-21 14:54**	NYTCL-8260-R2(14)
L2106473-03Z	Vial Water preserved split	A	NA		5.4	Y	Absent	**11-FEB-21 14:54**	NYTCL-8260-R2(14)
L2106473-04A	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),NYTCL-8260-R2(14),TS(7)
L2106473-04X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260-R2(14)
L2106473-04Y	Vial Water preserved split	A	NA		5.4	Y	Absent	**11-FEB-21 14:54**	NYTCL-8260-R2(14)
L2106473-04Z	Vial Water preserved split	A	NA		5.4	Y	Absent	**11-FEB-21 14:54**	NYTCL-8260-R2(14)
L2106473-05A	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14),NYTCL-8260-R2(14),TS(7)
L2106473-05X	Vial MeOH preserved split	A	NA		5.4	Y	Absent		NYTCL-8260-R2(14)
L2106473-05Y	Vial Water preserved split	A	NA		5.4	Y	Absent	**11-FEB-21 14:54**	NYTCL-8260-R2(14)
L2106473-05Z	Vial Water preserved split	A	NA		5.4	Y	Absent	**11-FEB-21 14:54**	NYTCL-8260-R2(14)
L2106473-06A	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2106473-06B	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYCP51-PAH(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1707 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2106473
Report Date: 02/17/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2106473-07A	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2106473-07B	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYCP51-PAH(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1707 MAIN STREET	**Lab Number:**	L2106473
Project Number:	0549-020-001	**Report Date:**	02/17/21

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:	1681-1707 MAIN STREET	**Lab Number:**	L2106473
Project Number:	0549-020-001	**Report Date:**	02/17/21

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.

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1707 MAIN STREET	**Lab Number:**	L2106473
Project Number:	0549-020-001	**Report Date:**	02/17/21

Data Qualifiers

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.

Project Name:	1681-1707 MAIN STREET	**Lab Number:**	L2106473
Project Number:	0549-020-001	**Report Date:**	02/17/21

REFERENCES

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

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

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 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; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 2/11/21

ALPHA Job #: L2106473

Project Information
Project Name: 1681 - 1707 Main Street
Project Location: Buffalo, NY
Project # 0549-020-001
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

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

Client Information
Client: Benchmark
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@bm-tk.com

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

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs + TICs	TCL SVOCs + TICs	PAHs	RCRA Metals	TCL + CP-51 VOCs + TICs				Sample Specific Comments	Total Bottles
06473-01	SB-2/TMW-1	2-9-21	1230	Water	CEH	X									
-02	SB-2 (7-8')	2-8-21	0950	Soil	CEH		X			X					
-03	SB-4 (8-9')	2-8-21	1120	Soil	CEH		X			X					
-04	SB-6 (1-2')	2-9-21	0935	Soil	CEH		X			X					
-05	SB-8 (0.5-1.5')	2-9-21	1020	Soil	CEH		X			X					
-06	SB-12 (0.5-1.5')	2-9-21	1130	Soil	CEH			X	X						
-07	SB-15 (0.5-1.5')	2-9-21	1400	Soil	CEH			X	X						
						Container Type: V	A	A	A	A					
						Preservative: B	A	A	A	A					

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Hochreiter	2-9-21 / 1700	[signature] AAL	2/10/21 1505
[signature] AAL	2/10/21 1545	[signature]	2/11/21 01:00

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

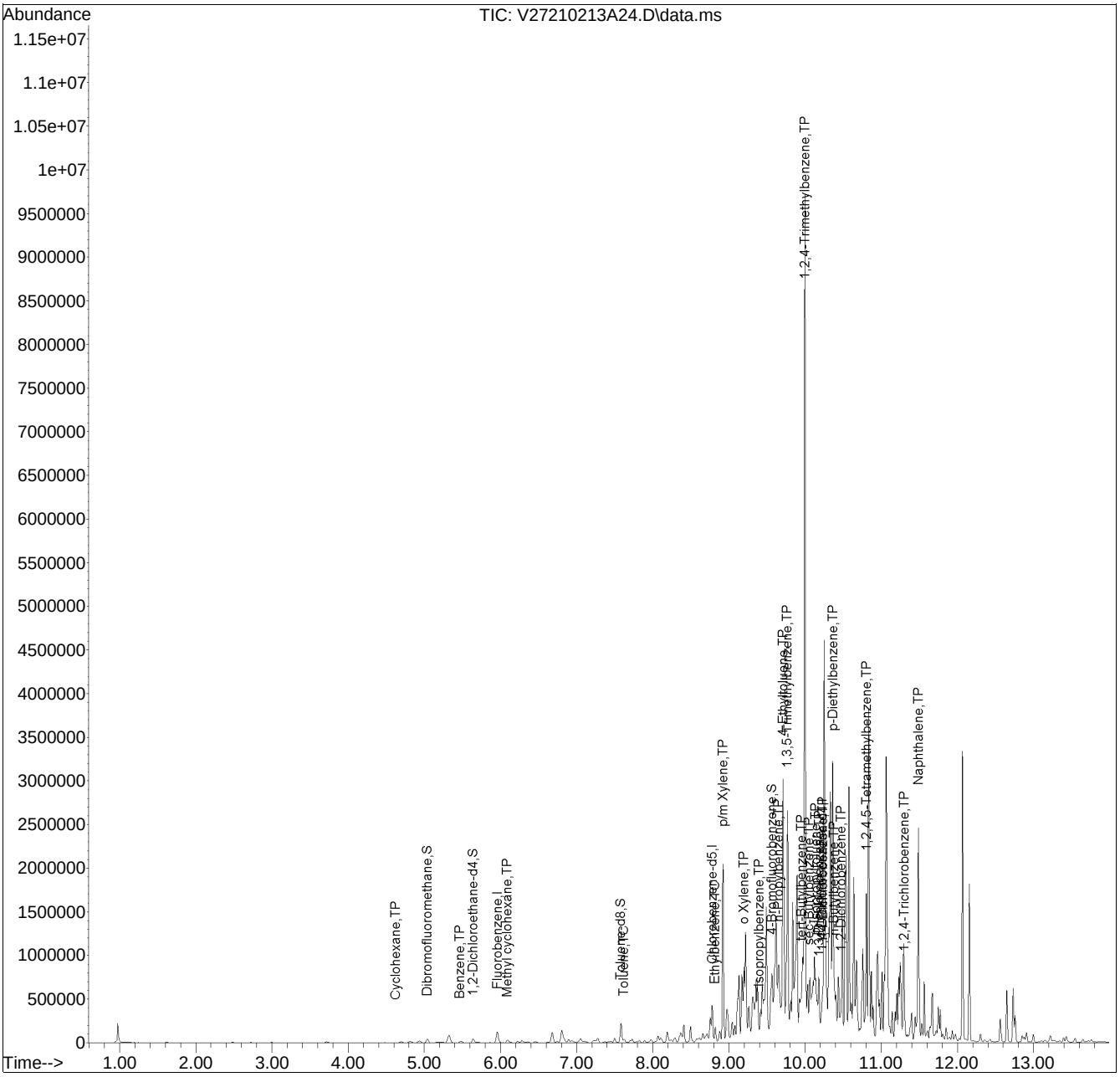
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA127\2021\210213A\
Data File : V27210213A24.D
Acq On : 13 Feb 2021 03:52 pm
Operator : VOA127:AJK
Sample : L2106473-04D,31H,5.26,5,0.010,,X,PRI
Misc : WG1464717,ICAL17521
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 14 18:22:18 2021
Quant Method : I:\VOLATILES\VOA127\2021\210213A\V127_210114N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 15 12:56:45 2021
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox3A\V27210213A01.D•

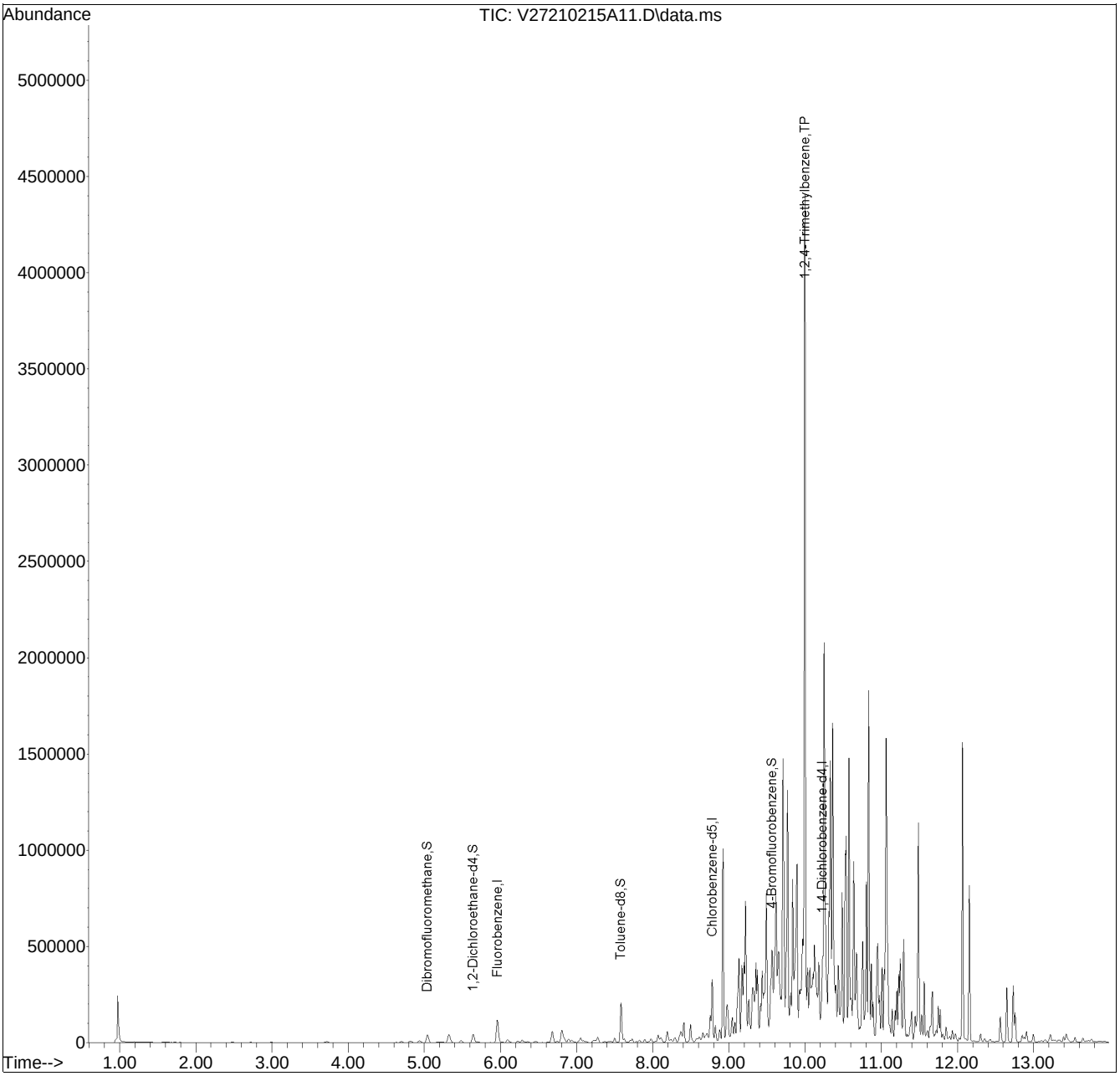


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA127\2021\210215A\
Data File : V27210215A11.D
Acq On : 15 Feb 2021 09:35 am
Operator : VOA127:MV
Sample : L2106473-04D2,31H,5.26,5,0.005,,X,PRI
Misc : WG1464717,ICAL17521
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 15 11:08:41 2021
Quant Method : I:\VOLATILES\VOA127\2021\210215A\V127_210114N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 15 12:56:45 2021
Response via : Initial Calibration

Sub List : 8260-1,2,4-TMB - 1,2,4-Trimethylbenzene only15A01.D•

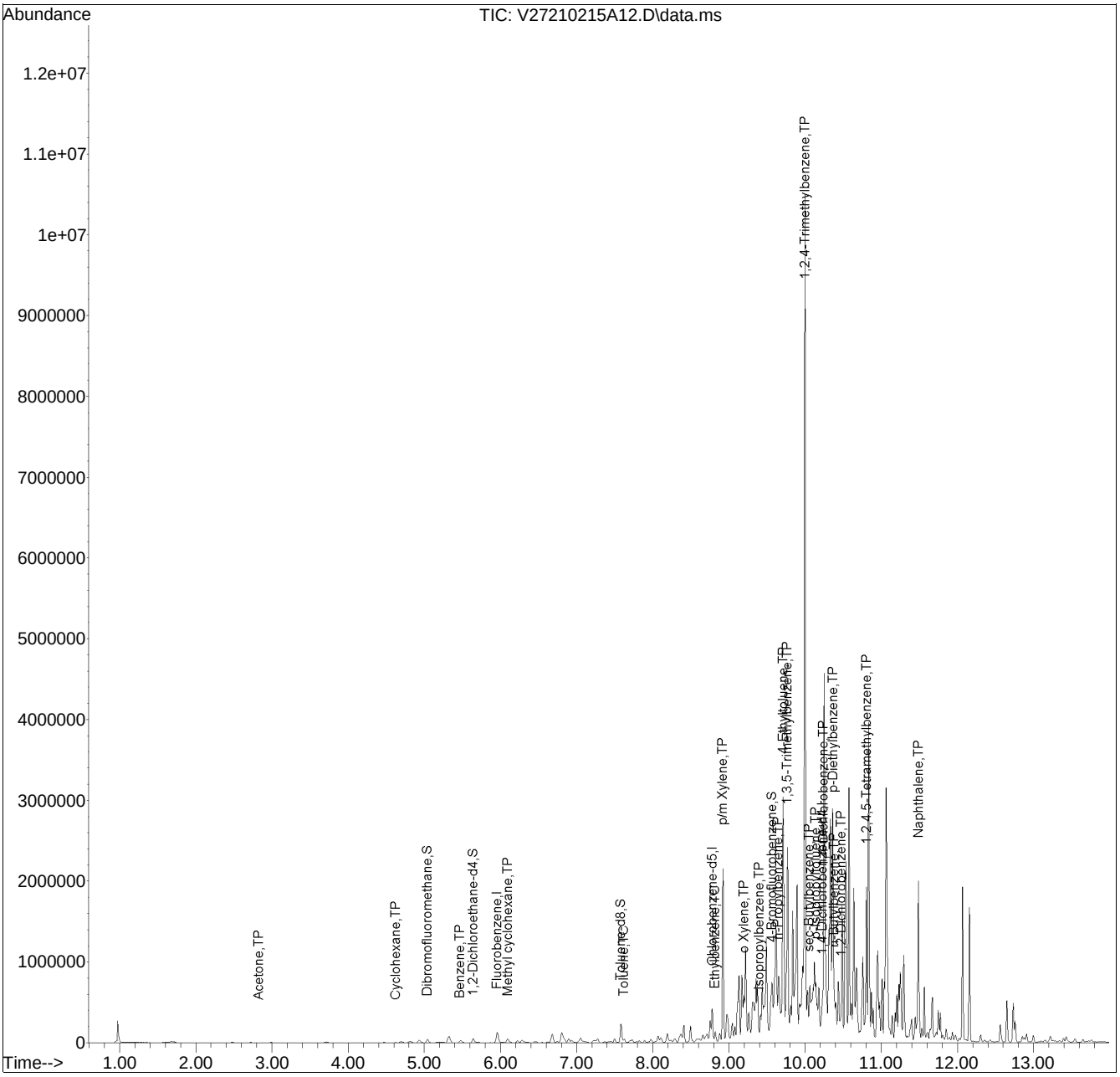


Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA127\2021\210215A\
Data File : V27210215A12.D
Acq On : 15 Feb 2021 09:57 am
Operator : VOA127:MV
Sample : L2106473-05D2,31H,5.18,5,0.050,,X,PRI
Misc : WG1464717,ICAL17521
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 15 11:16:18 2021
Quant Method : I:\VOLATILES\VOA127\2021\210215A\V127_210114N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 15 12:56:45 2021
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox5A\V27210215A01.D•



ANALYTICAL REPORT

Lab Number:	L2108973
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 225-3314
Project Name:	1681-1689 MAIN STREET
Project Number:	0549-020-001
Report Date:	03/03/21

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: 1681-1689 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2108973
Report Date: 03/03/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2108973-01	SB-21 1-3'	SOIL	BUFFALO, NY	02/23/21 13:10	02/24/21
L2108973-02	SB-24 1-5'	SOIL	BUFFALO, NY	02/23/21 14:50	02/24/21
L2108973-03	SB-25 2-6'	SOIL	BUFFALO, NY	02/23/21 15:30	02/24/21
L2108973-04	SB-26 0.5-4'	SOIL	BUFFALO, NY	02/23/21 16:00	02/24/21

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2108973
Project Number:	0549-020-001	**Report Date:**	03/03/21

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:	1681-1689 MAIN STREET	**Lab Number:**	L2108973
Project Number:	0549-020-001	**Report Date:**	03/03/21

Case Narrative (continued)

Report Submission

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

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2108973-02: The analysis of Volatile Organics was performed from a methanol extract due to the elevated concentrations of non-target compounds in the sample.

L2108973-02: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (141%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2108973-03D: The surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene (139%); however, re-analysis on a larger dilution was required in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The results of both analyses are reported; however, all associated compounds are considered to have a potential bias.

Semivolatile Organics

L2108973-03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2108973-03D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

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: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 03/03/21

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Lab Number: L2108973
Project Number: 0549-020-001
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-02
Client ID: SB-24 1-5'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 14:50
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/26/21 19:13
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	320	150	1
1,1-Dichloroethane	ND		ug/kg	64	9.3	1
Chloroform	ND		ug/kg	96	9.0	1
Carbon tetrachloride	ND		ug/kg	64	15.	1
1,2-Dichloropropane	ND		ug/kg	64	8.0	1
Dibromochloromethane	ND		ug/kg	64	9.0	1
1,1,2-Trichloroethane	ND		ug/kg	64	17.	1
Tetrachloroethene	ND		ug/kg	32	13.	1
Chlorobenzene	ND		ug/kg	32	8.2	1
Trichlorofluoromethane	ND		ug/kg	260	45.	1
1,2-Dichloroethane	ND		ug/kg	64	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	11.	1
Bromodichloromethane	ND		ug/kg	32	7.0	1
trans-1,3-Dichloropropene	ND		ug/kg	64	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	11.	1
Benzene	ND		ug/kg	32	11.	1
Toluene	ND		ug/kg	64	35.	1
Ethylbenzene	ND		ug/kg	64	9.1	1
Chloromethane	ND		ug/kg	260	60.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	64	22.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	64	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	96	8.8	1
Trichloroethene	ND		ug/kg	32	8.8	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.3	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-02 Date Collected: 02/23/21 14:50

Client ID: SB-24 1-5' Date Received: 02/24/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.5	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	36.	1
o-Xylene	ND		ug/kg	64	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	64	11.	1
Styrene	ND		ug/kg	64	13.	1
Dichlorodifluoromethane	ND		ug/kg	640	59.	1
Acetone	ND		ug/kg	640	310	1
Carbon disulfide	ND		ug/kg	640	290	1
2-Butanone	ND		ug/kg	640	140	1
4-Methyl-2-pentanone	ND		ug/kg	640	82.	1
2-Hexanone	ND		ug/kg	640	76.	1
Bromochloromethane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	64	18.	1
n-Butylbenzene	56	J	ug/kg	64	11.	1
sec-Butylbenzene	190		ug/kg	64	9.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	64.	1
Isopropylbenzene	ND		ug/kg	64	7.0	1
p-Isopropyltoluene	11	J	ug/kg	64	7.0	1
n-Propylbenzene	ND		ug/kg	64	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	21.	1
Methyl Acetate	180	J	ug/kg	260	61.	1
Cyclohexane	ND		ug/kg	640	35.	1
1,4-Dioxane	ND		ug/kg	5100	2200	1
Freon-113	ND		ug/kg	260	44.	1
Methyl cyclohexane	ND		ug/kg	260	39.	1

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-02
Client ID: SB-24 1-5'
Sample Location: BUFFALO, NY
Date Collected: 02/23/21 14:50
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	20200	J	ug/kg			1
Unknown	1140	J	ug/kg			1
Unknown	1700	J	ug/kg			1
Unknown	1140	J	ug/kg			1
Unknown	2600	J	ug/kg			1
Decane, 4-methyl-	5870	NJ	ug/kg			1
Unknown Cyclohexane	1120	J	ug/kg			1
Unknown	2480	J	ug/kg			1
Unknown	1150	J	ug/kg			1
Heptane, 3-ethyl-2-methyl-	1790	NJ	ug/kg			1
Unknown	1250	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	**141**	Q	70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D2
Client ID: SB-25 2-6'
Sample Location: BUFFALO, NY
Date Collected: 02/23/21 15:30
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/01/21 11:45
Analyst: JC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5400	2500	20
1,1-Dichloroethane	ND		ug/kg	1100	160	20
Chloroform	ND		ug/kg	1600	150	20
Carbon tetrachloride	ND		ug/kg	1100	250	20
1,2-Dichloropropane	ND		ug/kg	1100	140	20
Dibromochloromethane	ND		ug/kg	1100	150	20
1,1,2-Trichloroethane	ND		ug/kg	1100	290	20
Tetrachloroethene	ND		ug/kg	540	210	20
Chlorobenzene	ND		ug/kg	540	140	20
Trichlorofluoromethane	ND		ug/kg	4400	760	20
1,2-Dichloroethane	ND		ug/kg	1100	280	20
1,1,1-Trichloroethane	ND		ug/kg	540	180	20
Bromodichloromethane	ND		ug/kg	540	120	20
trans-1,3-Dichloropropene	ND		ug/kg	1100	300	20
cis-1,3-Dichloropropene	ND		ug/kg	540	170	20
Bromoform	ND		ug/kg	4400	270	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	540	180	20
Benzene	570		ug/kg	540	180	20
Toluene	1100		ug/kg	1100	590	20
Ethylbenzene	3500		ug/kg	1100	150	20
Chloromethane	ND		ug/kg	4400	1000	20
Bromomethane	ND		ug/kg	2200	630	20
Vinyl chloride	ND		ug/kg	1100	360	20
Chloroethane	ND		ug/kg	2200	490	20
1,1-Dichloroethene	ND		ug/kg	1100	260	20
trans-1,2-Dichloroethene	ND		ug/kg	1600	150	20
Trichloroethene	ND		ug/kg	540	150	20
1,2-Dichlorobenzene	1300	J	ug/kg	2200	160	20

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D2 Date Collected: 02/23/21 15:30

Client ID: SB-25 2-6' Date Received: 02/24/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2200	160	20
1,4-Dichlorobenzene	420	J	ug/kg	2200	190	20
Methyl tert butyl ether	ND		ug/kg	2200	220	20
p/m-Xylene	51000		ug/kg	2200	610	20
o-Xylene	12000		ug/kg	1100	320	20
cis-1,2-Dichloroethene	ND		ug/kg	1100	190	20
Styrene	ND		ug/kg	1100	210	20
Dichlorodifluoromethane	ND		ug/kg	11000	1000	20
Acetone	ND		ug/kg	11000	5200	20
Carbon disulfide	ND		ug/kg	11000	5000	20
2-Butanone	ND		ug/kg	11000	2400	20
4-Methyl-2-pentanone	ND		ug/kg	11000	1400	20
2-Hexanone	ND		ug/kg	11000	1300	20
Bromochloromethane	ND		ug/kg	2200	220	20
1,2-Dibromoethane	ND		ug/kg	1100	300	20
n-Butylbenzene	3300		ug/kg	1100	180	20
sec-Butylbenzene	2700		ug/kg	1100	160	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	3300	1100	20
Isopropylbenzene	920	J	ug/kg	1100	120	20
p-Isopropyltoluene	5400		ug/kg	1100	120	20
n-Propylbenzene	3000		ug/kg	1100	190	20
1,2,3-Trichlorobenzene	ND		ug/kg	2200	350	20
1,2,4-Trichlorobenzene	ND		ug/kg	2200	300	20
1,3,5-Trimethylbenzene	35000		ug/kg	2200	210	20
1,2,4-Trimethylbenzene	150000		ug/kg	2200	360	20
Methyl Acetate	ND		ug/kg	4400	1000	20
Cyclohexane	670	J	ug/kg	11000	590	20
1,4-Dioxane	ND		ug/kg	87000	38000	20
Freon-113	ND		ug/kg	4400	760	20
Methyl cyclohexane	1300	J	ug/kg	4400	660	20

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D2 Date Collected: 02/23/21 15:30
Client ID: SB-25 2-6' Date Received: 02/24/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	361000	J	ug/kg			20
Unknown Benzene	46900	J	ug/kg			20
Unknown Aromatic	29000	J	ug/kg			20
Unknown Benzene	37100	J	ug/kg			20
Unknown Benzene	26200	J	ug/kg			20
Unknown Aromatic	44400	J	ug/kg			20
Decane, 4-methyl-	46600	NJ	ug/kg			20
Unknown Benzene	40300	J	ug/kg			20
Unknown Benzene	25300	J	ug/kg			20
Unknown Aromatic	28300	J	ug/kg			20
Unknown Benzene	36700	J	ug/kg			20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D
Client ID: SB-25 2-6'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 15:30
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/26/21 19:38
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	2700	1200	10
1,1-Dichloroethane	ND		ug/kg	540	79.	10
Chloroform	ND		ug/kg	820	76.	10
Carbon tetrachloride	ND		ug/kg	540	120	10
1,2-Dichloropropane	ND		ug/kg	540	68.	10
Dibromochloromethane	ND		ug/kg	540	76.	10
1,1,2-Trichloroethane	ND		ug/kg	540	140	10
Tetrachloroethene	ND		ug/kg	270	110	10
Chlorobenzene	ND		ug/kg	270	69.	10
Trichlorofluoromethane	ND		ug/kg	2200	380	10
1,2-Dichloroethane	ND		ug/kg	540	140	10
1,1,1-Trichloroethane	ND		ug/kg	270	91.	10
Bromodichloromethane	ND		ug/kg	270	60.	10
trans-1,3-Dichloropropene	ND		ug/kg	540	150	10
cis-1,3-Dichloropropene	ND		ug/kg	270	86.	10
Bromoform	ND		ug/kg	2200	130	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	270	91.	10
Benzene	580		ug/kg	270	91.	10
Toluene	1100		ug/kg	540	300	10
Ethylbenzene	3900		ug/kg	540	77.	10
Chloromethane	ND		ug/kg	2200	510	10
Bromomethane	ND		ug/kg	1100	320	10
Vinyl chloride	ND		ug/kg	540	180	10
Chloroethane	ND		ug/kg	1100	250	10
1,1-Dichloroethene	ND		ug/kg	540	130	10
trans-1,2-Dichloroethene	ND		ug/kg	820	75.	10
Trichloroethene	ND		ug/kg	270	75.	10
1,2-Dichlorobenzene	1400		ug/kg	1100	79.	10

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D Date Collected: 02/23/21 15:30

Client ID: SB-25 2-6' Date Received: 02/24/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1100	81.	10
1,4-Dichlorobenzene	420	J	ug/kg	1100	93.	10
Methyl tert butyl ether	ND		ug/kg	1100	110	10
p/m-Xylene	55000		ug/kg	1100	300	10
o-Xylene	13000		ug/kg	540	160	10
cis-1,2-Dichloroethene	ND		ug/kg	540	96.	10
Styrene	420	J	ug/kg	540	110	10
Dichlorodifluoromethane	ND		ug/kg	5400	500	10
Acetone	ND		ug/kg	5400	2600	10
Carbon disulfide	ND		ug/kg	5400	2500	10
2-Butanone	ND		ug/kg	5400	1200	10
4-Methyl-2-pentanone	ND		ug/kg	5400	700	10
2-Hexanone	ND		ug/kg	5400	640	10
Bromochloromethane	ND		ug/kg	1100	110	10
1,2-Dibromoethane	ND		ug/kg	540	150	10
n-Butylbenzene	5000		ug/kg	540	91.	10
sec-Butylbenzene	3000		ug/kg	540	80.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	1600	540	10
Isopropylbenzene	1000		ug/kg	540	60.	10
p-Isopropyltoluene	6300		ug/kg	540	60.	10
n-Propylbenzene	3300		ug/kg	540	93.	10
1,2,3-Trichlorobenzene	ND		ug/kg	1100	180	10
1,2,4-Trichlorobenzene	ND		ug/kg	1100	150	10
1,3,5-Trimethylbenzene	40000		ug/kg	1100	100	10
1,2,4-Trimethylbenzene	180000	E	ug/kg	1100	180	10
Methyl Acetate	ND		ug/kg	2200	520	10
Cyclohexane	790	J	ug/kg	5400	300	10
1,4-Dioxane	ND		ug/kg	44000	19000	10
Freon-113	ND		ug/kg	2200	380	10
Methyl cyclohexane	1700	J	ug/kg	2200	330	10

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D Date Collected: 02/23/21 15:30
Client ID: SB-25 2-6' Date Received: 02/24/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	367000	J	ug/kg			10
Unknown Benzene	38700	J	ug/kg			10
Unknown Benzene	36100	J	ug/kg			10
Benzene, 1-methyl-4-propyl-	26700	NJ	ug/kg			10
Unknown Benzene	37700	J	ug/kg			10
Unknown Aromatic	27800	J	ug/kg			10
Unknown Aromatic	37600	J	ug/kg			10
Decane, 4-methyl-	60500	NJ	ug/kg			10
Unknown Aromatic	30000	J	ug/kg			10
Unknown Benzene	47100	J	ug/kg			10
Unknown Benzene	25200	J	ug/kg			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	**139**	Q	70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-04
Client ID: SB-26 0.5-4'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 16:00
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/26/21 20:02
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	66	9.6	1
Chloroform	ND		ug/kg	100	9.3	1
Carbon tetrachloride	ND		ug/kg	66	15.	1
1,2-Dichloropropane	ND		ug/kg	66	8.3	1
Dibromochloromethane	ND		ug/kg	66	9.3	1
1,1,2-Trichloroethane	ND		ug/kg	66	18.	1
Tetrachloroethene	ND		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.4	1
Trichlorofluoromethane	ND		ug/kg	260	46.	1
1,2-Dichloroethane	ND		ug/kg	66	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	66	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	33		ug/kg	33	11.	1
Toluene	ND		ug/kg	66	36.	1
Ethylbenzene	150		ug/kg	66	9.4	1
Chloromethane	ND		ug/kg	260	62.	1
Bromomethane	ND		ug/kg	130	39.	1
Vinyl chloride	ND		ug/kg	66	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	66	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.1	1
Trichloroethene	ND		ug/kg	33	9.1	1
1,2-Dichlorobenzene	81	J	ug/kg	130	9.6	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-04 Date Collected: 02/23/21 16:00

Client ID: SB-26 0.5-4' Date Received: 02/24/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.8	1
1,4-Dichlorobenzene	28	J	ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	2700		ug/kg	130	37.	1
o-Xylene	280		ug/kg	66	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	66	12.	1
Styrene	ND		ug/kg	66	13.	1
Dichlorodifluoromethane	ND		ug/kg	660	61.	1
Acetone	ND		ug/kg	660	320	1
Carbon disulfide	ND		ug/kg	660	300	1
2-Butanone	ND		ug/kg	660	150	1
4-Methyl-2-pentanone	ND		ug/kg	660	85.	1
2-Hexanone	ND		ug/kg	660	78.	1
Bromochloromethane	ND		ug/kg	130	14.	1
1,2-Dibromoethane	ND		ug/kg	66	18.	1
n-Butylbenzene	490		ug/kg	66	11.	1
sec-Butylbenzene	260		ug/kg	66	9.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Isopropylbenzene	120		ug/kg	66	7.2	1
p-Isopropyltoluene	470		ug/kg	66	7.2	1
n-Propylbenzene	420		ug/kg	66	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	1900		ug/kg	130	13.	1
1,2,4-Trimethylbenzene	11000		ug/kg	130	22.	1
Methyl Acetate	ND		ug/kg	260	63.	1
Cyclohexane	220	J	ug/kg	660	36.	1
1,4-Dioxane	ND		ug/kg	5300	2300	1
Freon-113	ND		ug/kg	260	46.	1
Methyl cyclohexane	410		ug/kg	260	40.	1

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-04
Client ID: SB-26 0.5-4'
Sample Location: BUFFALO, NY
Date Collected: 02/23/21 16:00
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	31600	J	ug/kg			1
Benzene, 1,2-diethyl-	2590	NJ	ug/kg			1
Unknown Benzene	3370	J	ug/kg			1
Unknown Aromatic	3100	J	ug/kg			1
Unknown Benzene	4900	J	ug/kg			1
Unknown Aromatic	2820	J	ug/kg			1
Unknown Benzene	2300	J	ug/kg			1
Decane, 4-methyl-	3350	NJ	ug/kg			1
Unknown Benzene	2750	J	ug/kg			1
Unknown Benzene	4220	J	ug/kg			1
Unknown Benzene	2200	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	95		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/21 08:01
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1469186-10					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/21 08:01
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1469186-10					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/21 08:01
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1469186-10					
Tentatively Identified Compounds					
Total TIC Compounds	395	J	ug/kg		
Unknown	220	J	ug/kg		
Unknown	175	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/26/21 14:15
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1469186-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/26/21 14:15
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1469186-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	120	J	ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/26/21 14:15
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1469186-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1469186-3 WG1469186-4								
Methylene chloride	90		89		70-130	1		30
1,1-Dichloroethane	102		100		70-130	2		30
Chloroform	102		101		70-130	1		30
Carbon tetrachloride	92		91		70-130	1		30
1,2-Dichloropropane	102		102		70-130	0		30
Dibromochloromethane	107		106		70-130	1		30
1,1,2-Trichloroethane	104		101		70-130	3		30
Tetrachloroethene	96		93		70-130	3		30
Chlorobenzene	101		98		70-130	3		30
Trichlorofluoromethane	90		88		70-139	2		30
1,2-Dichloroethane	102		102		70-130	0		30
1,1,1-Trichloroethane	99		98		70-130	1		30
Bromodichloromethane	104		102		70-130	2		30
trans-1,3-Dichloropropene	105		104		70-130	1		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
Bromoform	97		100		70-130	3		30
1,1,2,2-Tetrachloroethane	104		105		70-130	1		30
Benzene	103		102		70-130	1		30
Toluene	100		96		70-130	4		30
Ethylbenzene	102		99		70-130	3		30
Chloromethane	102		100		52-130	2		30
Bromomethane	101		94		57-147	7		30
Vinyl chloride	94		92		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1469186-3 WG1469186-4								
Chloroethane	101		103		50-151	2		30
1,1-Dichloroethene	96		95		65-135	1		30
trans-1,2-Dichloroethene	101		99		70-130	2		30
Trichloroethene	99		96		70-130	3		30
1,2-Dichlorobenzene	96		97		70-130	1		30
1,3-Dichlorobenzene	98		97		70-130	1		30
1,4-Dichlorobenzene	96		94		70-130	2		30
Methyl tert butyl ether	102		102		66-130	0		30
p/m-Xylene	107		104		70-130	3		30
o-Xylene	107		106		70-130	1		30
cis-1,2-Dichloroethene	104		102		70-130	2		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	90		85		30-146	6		30
Acetone	105		102		54-140	3		30
Carbon disulfide	93		89		59-130	4		30
2-Butanone	111		118		70-130	6		30
4-Methyl-2-pentanone	90		91		70-130	1		30
2-Hexanone	89		92		70-130	3		30
Bromochloromethane	104		103		70-130	1		30
1,2-Dibromoethane	98		97		70-130	1		30
n-Butylbenzene	100		99		70-130	1		30
sec-Butylbenzene	100		99		70-130	1		30
1,2-Dibromo-3-chloropropane	87		90		68-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1469186-3 WG1469186-4								
Isopropylbenzene	99		100		70-130	1		30
p-Isopropyltoluene	102		101		70-130	1		30
n-Propylbenzene	100		96		70-130	4		30
1,2,3-Trichlorobenzene	95		95		70-130	0		30
1,2,4-Trichlorobenzene	91		91		70-130	0		30
1,3,5-Trimethylbenzene	102		101		70-130	1		30
1,2,4-Trimethylbenzene	104		103		70-130	1		30
Methyl Acetate	101		104		51-146	3		30
Cyclohexane	92		90		59-142	2		30
1,4-Dioxane	100		116		65-136	15		30
Freon-113	90		87		50-139	3		30
Methyl cyclohexane	91		89		70-130	2		30

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1469186-8 WG1469186-9								
Methylene chloride	89		86		70-130	3		30
1,1-Dichloroethane	98		95		70-130	3		30
Chloroform	101		99		70-130	2		30
Carbon tetrachloride	107		104		70-130	3		30
1,2-Dichloropropane	98		96		70-130	2		30
Dibromochloromethane	108		108		70-130	0		30
1,1,2-Trichloroethane	97		98		70-130	1		30
Tetrachloroethene	114		113		70-130	1		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	103		100		70-139	3		30
1,2-Dichloroethane	98		97		70-130	1		30
1,1,1-Trichloroethane	108		106		70-130	2		30
Bromodichloromethane	103		102		70-130	1		30
trans-1,3-Dichloropropene	103		104		70-130	1		30
cis-1,3-Dichloropropene	98		98		70-130	0		30
Bromoform	105		106		70-130	1		30
1,1,2,2-Tetrachloroethane	98		99		70-130	1		30
Benzene	103		101		70-130	2		30
Toluene	99		98		70-130	1		30
Ethylbenzene	103		103		70-130	0		30
Chloromethane	84		80		52-130	5		30
Bromomethane	88		82		57-147	7		30
Vinyl chloride	89		85		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1469186-8 WG1469186-9								
Chloroethane	89		86		50-151	3		30
1,1-Dichloroethene	107		103		65-135	4		30
trans-1,2-Dichloroethene	106		104		70-130	2		30
Trichloroethene	104		102		70-130	2		30
1,2-Dichlorobenzene	100		100		70-130	0		30
1,3-Dichlorobenzene	101		102		70-130	1		30
1,4-Dichlorobenzene	100		99		70-130	1		30
Methyl tert butyl ether	105		104		66-130	1		30
p/m-Xylene	109		108		70-130	1		30
o-Xylene	109		109		70-130	0		30
cis-1,2-Dichloroethene	105		103		70-130	2		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	98		91		30-146	7		30
Acetone	90		90		54-140	0		30
Carbon disulfide	92		90		59-130	2		30
2-Butanone	102		100		70-130	2		30
4-Methyl-2-pentanone	88		88		70-130	0		30
2-Hexanone	88		86		70-130	2		30
Bromochloromethane	106		105		70-130	1		30
1,2-Dibromoethane	97		98		70-130	1		30
n-Butylbenzene	105		105		70-130	0		30
sec-Butylbenzene	106		106		70-130	0		30
1,2-Dibromo-3-chloropropane	95		95		68-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1469186-8 WG1469186-9								
Isopropylbenzene	107		107		70-130	0		30
p-Isopropyltoluene	110		110		70-130	0		30
n-Propylbenzene	101		101		70-130	0		30
1,2,3-Trichlorobenzene	109		110		70-130	1		30
1,2,4-Trichlorobenzene	112		112		70-130	0		30
1,3,5-Trimethylbenzene	105		104		70-130	1		30
1,2,4-Trimethylbenzene	107		106		70-130	1		30
Methyl Acetate	92		92		51-146	0		30
Cyclohexane	100		99		59-142	1		30
1,4-Dioxane	117		128		65-136	9		30
Freon-113	107		105		50-139	2		30
Methyl cyclohexane	107		106		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	99		99		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-01
Client ID: SB-21 1-3'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 13:10
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/02/21 01:46
Analyst: SLR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/27/21 15:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260		ug/kg	160	20.	1
Fluoranthene	8000	E	ug/kg	120	23.	1
Naphthalene	710		ug/kg	200	24.	1
Benzo(a)anthracene	4000		ug/kg	120	22.	1
Benzo(a)pyrene	4000		ug/kg	160	48.	1
Benzo(b)fluoranthene	4600		ug/kg	120	33.	1
Benzo(k)fluoranthene	1600		ug/kg	120	32.	1
Chrysene	3700		ug/kg	120	21.	1
Acenaphthylene	610		ug/kg	160	31.	1
Anthracene	1200		ug/kg	120	39.	1
Benzo(ghi)perylene	1900		ug/kg	160	23.	1
Fluorene	450		ug/kg	200	19.	1
Phenanthrene	5400		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	480		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	160	28.	1
Pyrene	6900		ug/kg	120	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	65		30-120
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Lab Number: L2108973
Project Number: 0549-020-001
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-01 D
Client ID: SB-21 1-3'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 13:10
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/03/21 10:05
Analyst: IM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/27/21 15:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	8300		ug/kg	590	110	5

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-02
Client ID: SB-24 1-5'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 14:50
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/02/21 02:10
Analyst: SLR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/27/21 15:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	270		ug/kg	160	21.	1
Fluoranthene	7900		ug/kg	120	23.	1
Naphthalene	440		ug/kg	200	24.	1
Benzo(a)anthracene	4000		ug/kg	120	22.	1
Benzo(a)pyrene	4500		ug/kg	160	48.	1
Benzo(b)fluoranthene	5000		ug/kg	120	34.	1
Benzo(k)fluoranthene	1700		ug/kg	120	32.	1
Chrysene	3800		ug/kg	120	21.	1
Acenaphthylene	500		ug/kg	160	31.	1
Anthracene	1400		ug/kg	120	39.	1
Benzo(ghi)perylene	2600		ug/kg	160	23.	1
Fluorene	410		ug/kg	200	19.	1
Phenanthrene	5200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	560		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	2600		ug/kg	160	28.	1
Pyrene	7100		ug/kg	120	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	60		30-120
4-Terphenyl-d14	52		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D
Client ID: SB-25 2-6'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 15:30
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/02/21 19:16
Analyst: JRW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/27/21 15:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	7200	930	50
Hexachlorobenzene	ND		ug/kg	5400	1000	50
Bis(2-chloroethyl)ether	ND		ug/kg	8100	1200	50
2-Chloronaphthalene	ND		ug/kg	9000	890	50
3,3'-Dichlorobenzidine	ND		ug/kg	9000	2400	50
2,4-Dinitrotoluene	ND		ug/kg	9000	1800	50
2,6-Dinitrotoluene	ND		ug/kg	9000	1500	50
Fluoranthene	ND		ug/kg	5400	1000	50
4-Chlorophenyl phenyl ether	ND		ug/kg	9000	960	50
4-Bromophenyl phenyl ether	ND		ug/kg	9000	1400	50
Bis(2-chloroisopropyl)ether	ND		ug/kg	11000	1500	50
Bis(2-chloroethoxy)methane	ND		ug/kg	9700	900	50
Hexachlorobutadiene	ND		ug/kg	9000	1300	50
Hexachlorocyclopentadiene	ND		ug/kg	26000	8100	50
Hexachloroethane	ND		ug/kg	7200	1400	50
Isophorone	ND		ug/kg	8100	1200	50
Naphthalene	53000		ug/kg	9000	1100	50
Nitrobenzene	ND		ug/kg	8100	1300	50
NDPA/DPA	ND		ug/kg	7200	1000	50
n-Nitrosodi-n-propylamine	ND		ug/kg	9000	1400	50
Bis(2-ethylhexyl)phthalate	ND		ug/kg	9000	3100	50
Butyl benzyl phthalate	ND		ug/kg	9000	2300	50
Di-n-butylphthalate	ND		ug/kg	9000	1700	50
Di-n-octylphthalate	ND		ug/kg	9000	3000	50
Diethyl phthalate	ND		ug/kg	9000	830	50
Dimethyl phthalate	ND		ug/kg	9000	1900	50
Benzo(a)anthracene	ND		ug/kg	5400	1000	50
Benzo(a)pyrene	ND		ug/kg	7200	2200	50

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D
Client ID: SB-25 2-6'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 15:30
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	5400	1500	50
Benzo(k)fluoranthene	ND		ug/kg	5400	1400	50
Chrysene	ND		ug/kg	5400	930	50
Acenaphthylene	ND		ug/kg	7200	1400	50
Anthracene	ND		ug/kg	5400	1800	50
Benzo(ghi)perylene	ND		ug/kg	7200	1000	50
Fluorene	ND		ug/kg	9000	870	50
Phenanthrene	2100	J	ug/kg	5400	1100	50
Dibenzo(a,h)anthracene	ND		ug/kg	5400	1000	50
Indeno(1,2,3-cd)pyrene	ND		ug/kg	7200	1200	50
Pyrene	1900	J	ug/kg	5400	890	50
Biphenyl	ND		ug/kg	20000	2100	50
4-Chloroaniline	ND		ug/kg	9000	1600	50
2-Nitroaniline	ND		ug/kg	9000	1700	50
3-Nitroaniline	ND		ug/kg	9000	1700	50
4-Nitroaniline	ND		ug/kg	9000	3700	50
Dibenzofuran	ND		ug/kg	9000	850	50
2-Methylnaphthalene	79000		ug/kg	11000	1100	50
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	9000	940	50
Acetophenone	ND		ug/kg	9000	1100	50
2,4,6-Trichlorophenol	ND		ug/kg	5400	1700	50
p-Chloro-m-cresol	ND		ug/kg	9000	1300	50
2-Chlorophenol	ND		ug/kg	9000	1100	50
2,4-Dichlorophenol	ND		ug/kg	8100	1400	50
2,4-Dimethylphenol	ND		ug/kg	9000	3000	50
2-Nitrophenol	ND		ug/kg	19000	3400	50
4-Nitrophenol	ND		ug/kg	12000	3700	50
2,4-Dinitrophenol	ND		ug/kg	43000	4200	50
4,6-Dinitro-o-cresol	ND		ug/kg	23000	4300	50
Pentachlorophenol	ND		ug/kg	7200	2000	50
Phenol	ND		ug/kg	9000	1400	50
2-Methylphenol	ND		ug/kg	9000	1400	50
3-Methylphenol/4-Methylphenol	ND		ug/kg	13000	1400	50
2,4,5-Trichlorophenol	ND		ug/kg	9000	1700	50
Carbazole	ND		ug/kg	9000	870	50
Atrazine	ND		ug/kg	7200	3100	50
Benzaldehyde	ND		ug/kg	12000	2400	50

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03 D
Client ID: SB-25 2-6'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 15:30
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	9000	2700	50
2,3,4,6-Tetrachlorophenol	ND		ug/kg	9000	1800	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-04
Client ID: SB-26 0.5-4'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 16:00
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/02/21 01:51
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/27/21 15:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	64	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	270		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1100		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	140		ug/kg	120	22.	1
Benzo(a)pyrene	100	J	ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-04 Date Collected: 02/23/21 16:00

Client ID: SB-26 0.5-4' Date Received: 02/24/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	160		ug/kg	120	32.	1
Benzo(k)fluoranthene	49	J	ug/kg	120	31.	1
Chrysene	120		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	58	J	ug/kg	120	38.	1
Benzo(ghi)perylene	68	J	ug/kg	150	23.	1
Fluorene	72	J	ug/kg	190	19.	1
Phenanthrene	250		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	61	J	ug/kg	150	27.	1
Pyrene	250		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	1400		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	180	J	ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	36	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-04 Date Collected: 02/23/21 16:00

Client ID: SB-26 0.5-4' Date Received: 02/24/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	68		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/01/21 23:39
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/27/21 15:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1469002-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/01/21 23:39
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/27/21 15:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1469002-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/01/21 23:39
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/27/21 15:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1469002-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1469002-2 WG1469002-3								
Acenaphthene	83		84		31-137	1		50
Hexachlorobenzene	97		99		40-140	2		50
Bis(2-chloroethyl)ether	77		73		40-140	5		50
2-Chloronaphthalene	84		85		40-140	1		50
3,3'-Dichlorobenzidine	64		72		40-140	12		50
2,4-Dinitrotoluene	88		91		40-132	3		50
2,6-Dinitrotoluene	101		103		40-140	2		50
Fluoranthene	86		89		40-140	3		50
4-Chlorophenyl phenyl ether	86		88		40-140	2		50
4-Bromophenyl phenyl ether	94		94		40-140	0		50
Bis(2-chloroisopropyl)ether	73		70		40-140	4		50
Bis(2-chloroethoxy)methane	79		78		40-117	1		50
Hexachlorobutadiene	87		86		40-140	1		50
Hexachlorocyclopentadiene	68		68		40-140	0		50
Hexachloroethane	81		76		40-140	6		50
Isophorone	83		82		40-140	1		50
Naphthalene	80		78		40-140	3		50
Nitrobenzene	87		85		40-140	2		50
NDPA/DPA	89		90		36-157	1		50
n-Nitrosodi-n-propylamine	88		85		32-121	3		50
Bis(2-ethylhexyl)phthalate	98		102		40-140	4		50
Butyl benzyl phthalate	91		97		40-140	6		50
Di-n-butylphthalate	92		96		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1469002-2 WG1469002-3								
Di-n-octylphthalate	98		100		40-140	2		50
Diethyl phthalate	92		94		40-140	2		50
Dimethyl phthalate	92		94		40-140	2		50
Benzo(a)anthracene	87		89		40-140	2		50
Benzo(a)pyrene	97		100		40-140	3		50
Benzo(b)fluoranthene	94		95		40-140	1		50
Benzo(k)fluoranthene	93		95		40-140	2		50
Chrysene	87		89		40-140	2		50
Acenaphthylene	85		86		40-140	1		50
Anthracene	83		87		40-140	5		50
Benzo(ghi)perylene	91		93		40-140	2		50
Fluorene	86		88		40-140	2		50
Phenanthrene	81		86		40-140	6		50
Dibenzo(a,h)anthracene	88		90		40-140	2		50
Indeno(1,2,3-cd)pyrene	89		92		40-140	3		50
Pyrene	85		89		35-142	5		50
Biphenyl	77		78		37-127	1		50
4-Chloroaniline	77		79		40-140	3		50
2-Nitroaniline	104		107		47-134	3		50
3-Nitroaniline	66		71		26-129	7		50
4-Nitroaniline	92		95		41-125	3		50
Dibenzofuran	84		86		40-140	2		50
2-Methylnaphthalene	82		81		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1469002-2 WG1469002-3								
1,2,4,5-Tetrachlorobenzene	84		84		40-117	0		50
Acetophenone	81		77		14-144	5		50
2,4,6-Trichlorophenol	102		103		30-130	1		50
p-Chloro-m-cresol	96		99		26-103	3		50
2-Chlorophenol	88		85		25-102	3		50
2,4-Dichlorophenol	97		95		30-130	2		50
2,4-Dimethylphenol	91		90		30-130	1		50
2-Nitrophenol	100		96		30-130	4		50
4-Nitrophenol	112		114		11-114	2		50
2,4-Dinitrophenol	105		109		4-130	4		50
4,6-Dinitro-o-cresol	104		108		10-130	4		50
Pentachlorophenol	102		104		17-109	2		50
Phenol	80		78		26-90	3		50
2-Methylphenol	90		87		30-130.	3		50
3-Methylphenol/4-Methylphenol	97		96		30-130	1		50
2,4,5-Trichlorophenol	105		108		30-130	3		50
Carbazole	85		90		54-128	6		50
Atrazine	88		92		40-140	4		50
Benzaldehyde	69		65		40-140	6		50
Caprolactam	95		99		15-130	4		50
2,3,4,6-Tetrachlorophenol	104		108		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1469002-2 WG1469002-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		83		25-120
Phenol-d6	91		88		10-120
Nitrobenzene-d5	90		86		23-120
2-Fluorobiphenyl	86		86		30-120
2,4,6-Tribromophenol	114		118		10-136
4-Terphenyl-d14	84		87		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-01
Client ID: SB-21 1-3'
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Soil
Percent Solids: 84%

Date Collected: 02/23/21 13:10
Date Received: 02/24/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.70		mg/kg	0.468	0.097	1	02/26/21 09:00	02/26/21 15:08	EPA 3050B	1,6010D	SV
Barium, Total	129		mg/kg	0.468	0.082	1	02/26/21 09:00	02/26/21 15:08	EPA 3050B	1,6010D	SV
Cadmium, Total	0.974		mg/kg	0.468	0.046	1	02/26/21 09:00	02/26/21 15:08	EPA 3050B	1,6010D	SV
Chromium, Total	18.5		mg/kg	0.468	0.045	1	02/26/21 09:00	02/26/21 15:08	EPA 3050B	1,6010D	SV
Lead, Total	41.8		mg/kg	2.34	0.126	1	02/26/21 09:00	02/26/21 15:08	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.075	0.049	1	02/26/21 09:45	02/26/21 12:31	EPA 7471B	1,7471B	EW
Selenium, Total	1.26		mg/kg	0.937	0.121	1	02/26/21 09:00	02/26/21 15:08	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.468	0.132	1	02/26/21 09:00	02/26/21 15:08	EPA 3050B	1,6010D	SV

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-02
Client ID: SB-24 1-5'
Sample Location: BUFFALO, NY
Date Collected: 02/23/21 14:50
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.2		mg/kg	0.475	0.099	1	02/26/21 09:00	02/26/21 15:13	EPA 3050B	1,6010D	SV
Barium, Total	77.5		mg/kg	0.475	0.083	1	02/26/21 09:00	02/26/21 15:13	EPA 3050B	1,6010D	SV
Cadmium, Total	1.34		mg/kg	0.475	0.047	1	02/26/21 09:00	02/26/21 15:13	EPA 3050B	1,6010D	SV
Chromium, Total	17.0		mg/kg	0.475	0.046	1	02/26/21 09:00	02/26/21 15:13	EPA 3050B	1,6010D	SV
Lead, Total	159		mg/kg	2.37	0.127	1	02/26/21 09:00	02/26/21 15:13	EPA 3050B	1,6010D	SV
Mercury, Total	0.337		mg/kg	0.077	0.050	1	02/26/21 09:45	02/26/21 12:34	EPA 7471B	1,7471B	EW
Selenium, Total	1.92		mg/kg	0.949	0.122	1	02/26/21 09:00	02/26/21 15:13	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.475	0.134	1	02/26/21 09:00	02/26/21 15:13	EPA 3050B	1,6010D	SV

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03
Client ID: SB-25 2-6'
Sample Location: BUFFALO, NY
Date Collected: 02/23/21 15:30
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.52		mg/kg	0.413	0.086	1	02/26/21 09:00	02/26/21 15:17	EPA 3050B	1,6010D	SV
Barium, Total	66.0		mg/kg	0.413	0.072	1	02/26/21 09:00	02/26/21 15:17	EPA 3050B	1,6010D	SV
Cadmium, Total	0.508		mg/kg	0.413	0.040	1	02/26/21 09:00	02/26/21 15:17	EPA 3050B	1,6010D	SV
Chromium, Total	9.58		mg/kg	0.413	0.040	1	02/26/21 09:00	02/26/21 15:17	EPA 3050B	1,6010D	SV
Lead, Total	31.3		mg/kg	2.06	0.111	1	02/26/21 09:00	02/26/21 15:17	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.068	0.044	1	02/26/21 09:45	02/26/21 12:37	EPA 7471B	1,7471B	EW
Selenium, Total	0.974		mg/kg	0.826	0.106	1	02/26/21 09:00	02/26/21 15:17	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.413	0.117	1	02/26/21 09:00	02/26/21 15:17	EPA 3050B	1,6010D	SV

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001
Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-04
Client ID: SB-26 0.5-4'
Sample Location: BUFFALO, NY
Date Collected: 02/23/21 16:00
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.79		mg/kg	0.457	0.095	1	02/26/21 09:00	02/26/21 15:22	EPA 3050B	1,6010D	SV
Barium, Total	208		mg/kg	0.457	0.080	1	02/26/21 09:00	02/26/21 15:22	EPA 3050B	1,6010D	SV
Cadmium, Total	4.40		mg/kg	0.457	0.045	1	02/26/21 09:00	02/26/21 15:22	EPA 3050B	1,6010D	SV
Chromium, Total	41.6		mg/kg	0.457	0.044	1	02/26/21 09:00	02/26/21 15:22	EPA 3050B	1,6010D	SV
Lead, Total	286		mg/kg	2.28	0.122	1	02/26/21 09:00	02/26/21 15:22	EPA 3050B	1,6010D	SV
Mercury, Total	0.255		mg/kg	0.073	0.048	1	02/26/21 09:45	02/26/21 12:40	EPA 7471B	1,7471B	EW
Selenium, Total	2.70		mg/kg	0.914	0.118	1	02/26/21 09:00	02/26/21 15:22	EPA 3050B	1,6010D	SV
Silver, Total	0.155	J	mg/kg	0.457	0.129	1	02/26/21 09:00	02/26/21 15:22	EPA 3050B	1,6010D	SV

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2108973

Project Number: 0549-020-001 **Report Date:** 03/03/21

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): 01-04 Batch: WG1468341-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/26/21 09:00	02/26/21 12:11	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	02/26/21 09:00	02/26/21 12:11	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/26/21 09:00	02/26/21 12:11	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/26/21 09:00	02/26/21 12:11	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	02/26/21 09:00	02/26/21 12:11	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/26/21 09:00	02/26/21 12:11	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	02/26/21 09:00	02/26/21 12:11	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1468343-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/26/21 09:45	02/26/21 11:58	1,7471B	EW

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1468341-2 SRM Lot Number: D109-540								
Arsenic, Total	109		-		70-130	-		
Barium, Total	102		-		75-125	-		
Cadmium, Total	105		-		75-125	-		
Chromium, Total	103		-		70-130	-		
Lead, Total	105		-		72-128	-		
Selenium, Total	108		-		68-132	-		
Silver, Total	107		-		68-131	-		
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1468343-2 SRM Lot Number: D109-540								
Mercury, Total	94		-		60-140	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2108973
Report Date: 03/03/21

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): 01-04 QC Batch ID: WG1468341-3 QC Sample: L2109148-01 Client ID: MS Sample												
Arsenic, Total	1.66	10.3	10.9	90		-	-		75-125	-		20
Barium, Total	44.8	172	206	94		-	-		75-125	-		20
Cadmium, Total	0.781J	4.38	4.67	107		-	-		75-125	-		20
Chromium, Total	14.8	17.2	30.2	90		-	-		75-125	-		20
Lead, Total	7.98	43.8	46.7	88		-	-		75-125	-		20
Selenium, Total	1.36J	10.3	10.4	101		-	-		75-125	-		20
Silver, Total	ND	25.7	23.8	92		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1468343-3 QC Sample: L2109148-01 Client ID: MS Sample												
Mercury, Total	ND	0.14	0.144	102		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2108973
Report Date: 03/03/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1468341-4 QC Sample: L2109148-01 Client ID: DUP Sample						
Arsenic, Total	1.66	1.50	mg/kg	10		20
Barium, Total	44.8	42.7	mg/kg	5		20
Cadmium, Total	0.781J	0.533J	mg/kg	NC		20
Chromium, Total	14.8	25.1	mg/kg	**52**	Q	20
Lead, Total	7.98	8.04	mg/kg	1		20
Selenium, Total	1.36J	0.745J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1468343-4 QC Sample: L2109148-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-01
Client ID: SB-21 1-3'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 13:10
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	02/25/21 11:50	121,2540G	RI

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-02
Client ID: SB-24 1-5'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 14:50
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	02/25/21 11:50	121,2540G	RI

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-03
Client ID: SB-25 2-6'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 15:30
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	02/25/21 11:50	121,2540G	RI

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2108973
Report Date: 03/03/21

SAMPLE RESULTS

Lab ID: L2108973-04
Client ID: SB-26 0.5-4'
Sample Location: BUFFALO, NY

Date Collected: 02/23/21 16:00
Date Received: 02/24/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	02/25/21 11:50	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 0549-020-001

Lab Number: L2108973

Report Date: 03/03/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1468195-1 QC Sample: L2108973-01 Client ID: SB-21 1-3'						
Solids, Total	83.9	82.4	%	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 0549-020-001

Lab Number: L2108973
Report Date: 03/03/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2108973-01A	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2108973-01B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2108973-02A	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2108973-02B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2108973-02C	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2108973-02X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2108973-02Y	Vial Water preserved split	A	NA		2.7	Y	Absent	**25-FEB-21 15:25**	NYTCL-8260-R2(14)
L2108973-02Z	Vial Water preserved split	A	NA		2.7	Y	Absent	**25-FEB-21 15:25**	NYTCL-8260-R2(14)
L2108973-03A	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2108973-03B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),NYTCL-8260-R2(14),TS(7)
L2108973-03X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2108973-03Y	Vial Water preserved split	A	NA		2.7	Y	Absent	25-FEB-21 15:25	NYTCL-8260-R2(14)
L2108973-03Z	Vial Water preserved split	A	NA		2.7	Y	Absent	25-FEB-21 15:25	NYTCL-8260-R2(14)
L2108973-04A	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2108973-04B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),NYTCL-8260-R2(14),TS(7)
L2108973-04X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2108973-04Y	Vial Water preserved split	A	NA		2.7	Y	Absent	25-FEB-21 15:25	NYTCL-8260-R2(14)
L2108973-04Z	Vial Water preserved split	A	NA		2.7	Y	Absent	25-FEB-21 15:25	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2108973
Project Number:	0549-020-001	**Report Date:**	03/03/21

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:	1681-1689 MAIN STREET	**Lab Number:**	L2108973
Project Number:	0549-020-001	**Report Date:**	03/03/21

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.

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2108973
Project Number:	0549-020-001	**Report Date:**	03/03/21

Data Qualifiers

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2108973
Project Number:	0549-020-001	**Report Date:**	03/03/21

REFERENCES

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

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

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 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; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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FAX: 508-898-9193

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

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

Page 1 of 1

Date Rec'd in Lab: 2/25/21

ALPHA Job #: L2108973

Project Information

Project Name: 1681 - 1689 Main Street
Project Location: Buffalo, NY
Project # 0549-020-001
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

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

Client Information

Client: Benchmark
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@bm-tk.com

Deliverables

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

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs + TICs	TCL SVOCs	RCRA Metals	PAHs					Sample Specific Comments	Total Bottles
08973-01	SB-21 1-3'	2/23/21	1310	Soil	CEH			X	X						
-02	SB-24 1-5'	2/23/21	1450	Soil	CEH	X		X	X						
-03	SB-25 2-6'	2/23/21	1530	Soil	CEH	X	X	X							
-04	SB-26 0.5-4'	2/23/21	1600	Soil	CEH	X	X	X							
	Container Type					A	A	A	A						
	Preservative					A	A	A	A						

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	2-23-21 1700	Chris Bez AAL	2/24/21 1415
Chris Bez AAL	2/24/21 1440	[signature]	2/25/21 00:30

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

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

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA111\2021\210226N\
Data File : V11210226N17.D
Acq On : 26 Feb 2021 07:13 pm
Operator : VOA111:AJK
Sample : L2108973-02,31H,5.67,5,0.100,,X,PRI
Misc : WG1469186,ICAL17664
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 28 20:31:59 2021
Quant Method : I:\VOLATILES\VOA111\2021\210226N\V111_210223N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 24 10:38:01 2021
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox6N\V11210226N01.D•