89 LaSalle Avenue Site
Buffalo, New York

PERIODIC REVIEW REPORT

NYSDEC SITE NUMBER: C915283

Revision 1

PREPARED FOR:
LEGACY UPAL, L.P.
89 LASALLE AVENUE SITE
BUFFALO, NEW YORK 14225

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1 SITE OVERVIEW

1.1 SITE LOCATION AND DESCRIPTION

The location of the site is comprised of two parcels, addressed at 89 LaSalle Avenue and 71 NYL & W RR located in the City of Buffalo, County of Erie, New York and identified respectively as SBL 79.70-2-5.1 and SBL 79.70-2-16.111 on the Erie County Tax Map. The owner of the 89 LaSalle parcel is Legacy UPAL, L.P and the owner of the 71 NYL & W RR parcel is the City of Buffalo. The total acreage of the two parcels is approximately 11.9 acres with a Brownfields Cleanup Program (BCP) site (hereinafter referred to as Site) boundary of 9.23 acres. The combined parcel is bordered by commercial properties and LaSalle Avenue to the north, McCarthy Park to the south, residential apartments to the east (Camelot Ct.), and residential properties located on William Price Parkway to the west (see Site Vicinity Map, Figure 1-1). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Site# C915283, which was executed on June 6, 2014.

1.2 NATURE AND EXTENT OF CONTAMINATION PRIOR TO REMEDIATION

Prior to site remediation under the Brownfields Cleanup Program (BCP), a Remedial Investigation (RI) was performed to characterize the nature and extent of contamination at the site. The RI activities conducted on the Site as preparation for remedial efforts included the installation of four (4) wells, the advancement of fifteen (15) borings, the excavation of nineteen (19) test pits, and the collection of four (4) surface soil samples.

Generally, the RI determined that the historic use of the Site as a landfill was evident in analytical results from the initial RI identifying the widespread presence of low levels of heavy metals and Semi Volatile Organic Compounds (SVOCs) (specifically Polycyclic Aromatic Hydrocarbons (PAHs)) as the Constituents of Primary Concern (COPCs) in soil/fill across the Site, and specifically at several locations identified across the central portion of the Site where the COPC concentrations were elevated relative the rest of the Site.

Previous investigations had been conducted on portions of the BCP Site referenced as the LaSalle Reservoir Site, which generally encompassed the southeastern half of the Site (the former Buffalo Crushed Stone quarry area).

Four (4) impacted locations identified during the initial RI were subject to a supplemental remedial investigation delineating the elevated COPC impacts detected in these areas of concern. Findings from the supplemental test pit investigation of the four impacted areas of interest

confirmed that there was no evidence of significant lateral or vertical contamination surrounding the original soil boring locations. Levels of COPCs detected in the supplemental test pits indicated that concentrations of COPCs, where detected, were below site-specific soil cleanup objectives as proposed in the Final RI Report and consistent with observations of RI analytical results across the site. The heterogeneous nature of the soil/fill across the Site, and analytical results indicating widespread low-level concentrations of COPCs above the Restricted Residential SCOs throughout Site overburden, demonstrated that a source or sources of contamination found at the four original areas of concern was not present.

1.3 SITE REMEDIAL PROGRAM

The site was remediated in accordance with the NYSDEC-approved 89 LaSalle RI-IRM-AA Report dated January 2015.

The following is a summary of the Remedial Actions performed at the site:

- Excavation of soil/fill identified at four RI boring locations as significantly exceeding restricted residential SCOs, to a minimum depth of five feet or bedrock where applicable;
- Construction and maintenance of a soil cover system consisting of two feet of clean imported material, and/or impervious material (i.e., asphalt pavement, concrete sidewalks, and buildings) differentiated by a demarcation layer to prevent human exposure to remaining contaminated soil/fill remaining at the site;
- Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site; and
- Development and implementation of a Site Management Plan (SMP) for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) maintenance and (4) reporting.

Remedial activities were completed at the site in February 2015 (hotspot soil/fill excavations), and between April and October 2015 installation of the Site's cover system was incrementally installed as the Site's development progressed through construction and final site restoration.

A total of 350 tons of contaminated soil/fill was excavated and removed from the four hotspot locations identified in the RI Report (Boring locations B-5, B-7, B-8, and B-9) and illustrated on Figure 5 in the SMP. The excavated hotspot locations were subsequently backfilled with excess soils excavated and stockpiled from other uncontaminated locations on the Site, primarily storm sewer and water line utility trenching locations. In addition, approximately 1,300 tons of topsoil mixed with vegetative material was also stripped from the upper three to six inches of portions of

the site and disposed of off-site. This material was not identified as exceeding the applicable SCOs, however it was not suitable for reuse on the Site as part of the final cover system.

After completion of the remedial work, some contamination was left in the subsurface at this site, which is hereafter referred to as "remaining contamination." A layer of geotextile fabric was installed as a demarcation layer in those areas of the Site where two feet of clean soil cover is the component of the cover system. This geotextile was placed on top of the subgrade soil/fill prior to placement of clean soil. At other locations on the Site where the cover system consists of impervious asphalt or concrete, a layer of geotextile was also placed between the remaining soil/fill and clean structural gravel or crushed stone fill. In areas were buildings or structures act as the final cover system, a minimum of two feet, and in most areas four feet, of clean imported material was placed prior to placement of concrete pads and the erection of structures. In the case of Building 1, clean subbase material was placed, covered with clean topsoil and seeded in the same manner as other green space on the Site, until such time the building foundations and concrete pad were poured and the topsoil and vegetative cover stripped down to the clean subbase material.

The SMP was prepared to manage remaining contamination at the site until the Environmental Easements are extinguished in accordance with ECL Article 71, Title 36. The SMP addresses the means for implementing the Institutional Controls (ICs) and Engineering Controls (ECs) that are required by the Environmental Easement for the Site.

1.4 PURPOSE OF PERIODIC REVIEW REPORT

This Periodic Review Report (PRR) presents information on the maintenance, monitoring and compliance activities performed at the 89 LaSalle Avenue Site No. C915283 covering the period from April 1, 2023 to March 30, 2024.

2 REMEDIAL SYSTEMS COMPLIANCE

2.1 GENERAL

Since remaining contaminated soil and groundwater exists beneath the site, Engineering Controls and Institutional Controls (EC/ICs) are required to protect human health and the environment.

Site specific SCOs were developed and approved based on 6NYCRR Part 375 Restricted Residential SCOs. These SCOs were employed as soil cleanup goals to achieve the remedial action objectives for the Site of minimizing the potential for exposure of remaining soil contaminants to humans and the environment. The SCOs established are soil concentration limits protective of human health and surface water quality. Achievement of the site specific SCOs was confirmed through verification sampling.

The selected Engineering Control implemented at the Site (following completion of remediation activities) was the construction and maintenance of a soil cover system consisting of two feet of clean imported material and/or impervious material (i.e., asphalt pavement, concrete sidewalks and buildings), differentiated by a demarcation layer to prevent human exposure to remaining contaminated soil/fill.

The approved SMP requires the implementation of a long-term monitoring plan that incorporates monitoring and maintenance of the Site cover system to identify evidence of excessive soil erosion to soil cover systems or deterioration of asphalt or concrete structures that might indicate that off-site transport of soil/fill is likely to occur or is occurring. In addition, annual stormwater and sediment monitoring and analysis is performed to further assess performance of the cover system.

The results of the required monitoring activities and annual inspection are presented in Section 4 “Monitoring Plan Compliance Report”.

3 INSTITUTIONAL CONTROL COMPLIANCE

3.1 INTRODUCTION

3.1.1 GENERAL

Since remaining contaminated soil and groundwater exist beneath the Site, Engineering Controls and Institutional Controls (EC/ICs) are required to protect human health and the environment. The Engineering and Institutional Control Plan describes the procedures for the implementation and management of all EC/ICs at the site. The EC/IC Plan is one component of the SMP and is subject to revision by NYSDEC.

The goals of the ICs are to: (1) implement, maintain, and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and (3) limit the use and development of the Site to Restricted Residential uses only. Adherence to these Institutional Controls is required by the Environmental Easement and will be implemented under this Site Management Plan.

3.2 DESCRIPTION OF INSTITUTIONAL CONTROLS

The Institutional Controls are:

- Compliance with the Environmental Easements and the SMP by the Grantor and the Grantor's successors and assigns;
- All Engineering Controls must be maintained as specified in the SMP;
- All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP;
- Stormwater, sediment and other environmental or public health monitoring must be performed as defined in the SMP; and
- Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP.

The Site has a series of Institutional Controls in the form of site restrictions. Adherence to these Institutional Controls is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The property may only be used for restricted residential use, provided that the long-term Engineering and Institutional Controls included in the SMP are employed;
- The property may not be used for a higher level of use, such as unrestricted residential use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
- Vegetable gardens and farming on the property are prohibited; and,
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or at an alternate frequency that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

The Environmental Easement summarizing the site use restrictions and requirements for the Site was executed by the Department on December 14, 2015, and filed with the Erie County Clerk on December 15, 2015. A copy of the easement and proof of filing is provided in Appendix A of the SMP.

3.2.1 STATUS OF ICS

During the reporting period covered by this PRR, all ICs were in place and effective in meeting their objectives. There was no intrusive work performed on the BCP Site during the reporting period covered by this PRR.

There are no corrective measures required to ensure the effectiveness of ICs at this time based on the results of the monitoring and semi-annual inspection performed.

Stormwater and sediment samples for the current PRR period were collected on October 31, 2023, when stormwater effluent was present in sufficient quantity for sampling at the MH-1 structure. The next sampling event is tentatively scheduled for October 2024.

4 MONITORING PLAN COMPLIANCE REPORT

4.1 INTRODUCTION

4.1.1 GENERAL

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site, the soil cover system, and all affected site media identified below. The Monitoring Plan may only be revised with the approval of NYSDEC.

4.1.2 SCHEDULE

Semi-annual monitoring and inspection of the performance of the remedy and overall reduction in contamination on-site was conducted for the first five years. On July 5, 2022, the NYSDEC approved the reduction of Site sampling and inspections from semi-annual to annual, this correspondence can be found in Appendix D.

Characterizations of the quality of stormwater and sediment generated as runoff from the Site's engineered cover system have been selected as representative Site monitoring media. Trends in contaminant levels in stormwater and sediment in the affected areas will be evaluated to determine if the remedy continues to be effective in achieving remedial goals. The monitoring and inspection program are summarized in detail in Table 4-1. The results of the monitoring performed are discussed further in Section 4.2.

Table 4-1: Monitoring/Inspection Schedule

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH

Monitoring Program	Frequency*	Matrix	Analysis/Comments
Stormwater Discharge to City of Buffalo Storm Sewer System	Annual	Stormwater runoff and sediment (when present)	TAL Metals (Method 6020B), Semi-volatile compounds (Method 8270D SIM), Total Solids [sediment only] (SM 2540)

Site Inspection	Annual	Visually inspect entire site for cover system integrity and signs of unacceptable deterioration or other damage to cover system components that may result in exposure to contaminated soil	Prepare a detailed written description of the condition of all cover system components. Include a photographic record of inspection areas

4.2 MONITORING PROGRAM RESULTS

4.2.1 SURFACE WATER AND SEDIMENT MONITORING

On October 31, 2023 stormwater and sediment grab samples were collected from the manhole within 16 hours of two-day rain event totaling 0.68 inches, of which 0.24 inches fell on October 29 and 0.44 inches fell on October 30 (data from National Oceanic and Atmospheric Administration). The October 30, 2023 precipitation total reached 0.44 inches at 7:15 PM on October 30, 2023 and therefore sample collection had to be postponed to the following day.

The stormwater and associated sediment samples were collected from the discharge of Manhole 1 (designated MH-1) located at the northwest corner of the BCP Site. MH-1 subsequently discharges to the City of Buffalo storm sewer system in LaSalle Ave. The sediment sample was collected at the base of the manhole, which consisted primarily of eroded asphalt and small gravel. The samples were collected at one location in accordance with the Legacy LaSalle C915283 Site SMP.

Stormwater samples were analyzed for SVOCs and Total Metals. Sediment samples were analyzed for SVOCs, Total Metals and Total Solids. The analytical results from the October 2023 sampling event are summarized in Table 4-2. Table 4-2 presents sample detections compared to NYSDEC surface water standards (NYSDEC 1998), NYS Technical Guidance Series (T.O.Gs) Surface Water Guidance values, Class A Freshwater Sediment Guidance Values (Table 5) from the "*Screening and Assessment of Contaminated Sediments*" (NYSDEC 2014), and Part 375 Restricted Residential SCOs.

Detections above NYSDEC surface water standards or guidance values for the following SVOCs and metals were found in the October 2023 stormwater sample:

- benzo[a]anthracene (0.00007 ppm)

- benzo[a]pyrene (0.00009 ppm)
- benzo[b]fluoranthene (0.00019 ppm)
- benzo[k]fluoranthene (0.00005 ppm)
- chrysene (0.00011 ppm)
- Indeno[1,2,3-cd]pyrene (0.00012 ppm)
- sodium (20.5 ppm)

The SVOC detections were marginally above the TOGs 1.1.1 surface water guidance values. There are no 6 NYCRR Part 703 water quality standards promulgated for these compounds.

Sodium was detected at an elevated concentration above the groundwater quality standard and is likely attributable to run-off contributions from road salt due to previous winter road maintenance at the Site.

No exceedances of the Class A freshwater sediment guidance values or the Restricted Residential SCOs were detected in the October 2023 sediment sample.

A copy of the laboratory Analytical Reports for the stormwater and sediment analyses performed is attached in Appendix A.

Table 4-3 provides a summary of the compounds that have exceeded either a regulatory standard or guidance value (for stormwater or sediment) from 2017 through the 2023 sampling events since they began under the SMP. The table indicates that low levels of six (6) SVOCs have consistently been present in concentrations exceeding their respective NYSDEC T.O.G.S 1.1.1 Surface Water Guidance Values. The concentrations of these compounds over five of the past six sampling events have remained essentially unchanged and are consistent with background detections of SVOCs in run-off found in urban settings due to depositional contributions from fossil fuel combustion, vehicle emissions and asphalt parking areas. Exceedances of Part 703 Surface Water Quality Standards for iron and sodium have been detected in the stormwater samples for the majority of the sampling events, these compounds are associated with background soil concentrations the use of road salt in the winter months. Only one exceedance of Part 703 Surface Water Quality Standards for SVOCs [bis(2-tethylhexyl) phthalate] occurred in 2018, with none since. There have been no exceedances in the sediment samples collected of the freshwater sediment guidance values or the restricted residential SCOs since 2019.

4.3 ANNUAL SITE INSPECTION RESULTS

A Site inspection was performed on October 31, 2023, to address the reduced frequency of once per year established by the letter of approval from NYSDEC on July 5, 2022. A Site-wide inspection form was completed (Appendix B) during the inspection. The form compiles sufficient information to assess the following:

- Compliance with all ICs, including Site usage;
- General Site conditions at the time of the inspection;
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection;
- Compliance with permits and schedules included in the Operation and Maintenance Plan; and
- Confirmation that Site records are up to date.

All areas of the Site were carefully inspected to assess the condition of surface soil, asphalt, and concrete areas to determine if erosion or related deterioration is occurring that would jeopardize the integrity of the site cover including soil, asphalt or concrete structures preventing the transport of potentially contaminated soil/fill onto surrounding properties. During the inspection event, the integrity of the cover materials were found to be in excellent condition with no integrity issues observed.

A photographic log containing photos taken during the October 2023 inspection are provided in Appendix B.

4.4 SUMMARY OF INTRUSIVE ACTIVITES DURING REPORTING PERIOD

No intrusive activities were performed on-site during the period covered by this PRR

4.5 CONCLUSIONS AND RECOMMENDATIONS

At the time of the annual inspections, the Site was fully compliant with the institutional controls described in the SMP. All monitoring results and inspection results were acceptable with only low-level detection of limited SVOCs and metals in the stormwater consistent with past findings at the Site outfall stormwater discharge and no evidence of erosion of the soil cover or deteriorations of hardscape portions of the cover on the Site.

5 OVERALL CONCLUSIONS AND RECOMMENDATIONS

Based on the monitoring and inspection results described in Section 4 and conducted during the timeframe covered by this PRR, compliance with all relevant components of the SMP ICs was achieved. A copy of the completed and certified "Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form" is attached in Appendix C.

The results of the stormwater and sediment sample results after seven years of development and the overall condition of the site and integrity of the final soil cover system are indicative that the remedy performed under the BCP is achieving its intended goals of minimizing, to the extent feasible, exposure of remaining contamination to the environment through stormwater runoff and associated sediment erosion.

Legacy has received a reduction in the Site Management Plan sampling frequency and Site Inspection from semi-annual to annual starting with the 2022-2023 reporting period and that the annual sampling/inspection event occur in the fall each year when weather conditions are more conducive to collecting a representative stormwater sample. This request is based on a review of the long-term monitoring results (summarized in Table 4-3) indicating that the Site remedy and ongoing institutional controls have been successful in controlling off-site impacts and the concentrations of compounds of concern have remained low and stable since monitoring was initiated in 2017. The approval letter is attached in Appendix D.

6 REFERENCES

1. Golder Associates Inc., Final Engineering Report, 89 LaSalle Ave. Site, NYSDEC Site No. C915283, December 2015.

2. Golder Associates Inc., Site Management Plan, 89 LaSalle Ave. Site, NYSDEC Site No. C915283, prepared for Legacy LaSalle LLC, December 2015.

SIGNATURE PAGE

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TABLES

TABLE 4-2
SUMMARY OF ANALYTICAL RESULTS FOR STORMWATER SEDIMENT SAMPLES
89 LASALLE AVENUE BCP SITE # C915283
LEGACY LASALLE, LLC.
BUFFALO, NY

Lab ID	Water Quality Standards Surface Waters and Groundwater (6 NYCRR Part 703)	NYS T.O.G.S 1.1.1 Surface Water Guidance Values+	Class A Freshwater Sediment Guidance Values*	Restricted Residential SCOs Table 375-6.8(b)	L2364484-01 Stormwater[1]		L2364484-02 Sediment	
Sample ID					MH-1		MH-1	
Sample Date					10/31/23		10/31/23	
Units	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)		(ppm)	
Semivolatile Organics (Method 8270D-SIM)								
2-Methylnaphthalene	NV	NV	NV	NV	ND		ND	
Acetophenone	NV	NV	NV	NV	ND		ND	
Acenaphthene	**0.02**	**0.0053**	NV	**100**	ND		ND	
Acenaphthylene	NV	NV	NV	**100**	ND		ND	
Anthracene	NV	**0.0038**	NV	**100**	*0.00002*	J, B	*0.053*	J
Benzaldehyde	NV	NV	NV	NV	ND		ND	
Benzo(a)anthracene	NV	**0.000002**	NV	**1**	**0.00007**	J	*0.15*	
Benzo(a)pyrene	NV	**0.0000012**	NV	**1**	**0.00009**	J	*0.15*	J
Benzo(b)fluoranthene	NV	**0.000002**	NV	**1**	**0.00019**		*0.2*	
Benzo(ghi)perylene	NV	NV	NV	**100**	*0.00015*	J	*0.14*	J
Benzo(k)fluoranthene	NV	**0.000002**	NV	**3.9**	**0.00005**	J	*0.05*	J
Biphenyl	NV	**0.005**	NV	**1**	ND		ND	
Bis(2-ethylhexyl)phthalate	**0.005**	NV	**<360**	NV	ND		ND	
Butyl benzyl phthalate	NV	**0.05**	NV	NV	ND		ND	
Caprolactam	NV	NV	NV	NV	ND		ND	
Carbazole	NV	NV	NV	NV	ND		*0.038*	J
Chrysene	NV	**0.000002**	NV	**3.9**	**0.00011**		*0.18*	
Dibenzo(a,h)anthracene	NV	NV	NV	**0.33**	*0.00002*		ND	
Dibenzofuran	NV	NV	NV	NV	ND		ND	
Di-n-butylphthalate	NV	**0.05**	NV	NV	ND		ND	
Di-n-octylphthalate	NV	**0.05**	NV	NV	ND		ND	
Diethyl phthalate	NV	**0.05**	NV	NV	ND		ND	
Fluoranthene	NV	**0.05**	NV	**100**	*0.00019*	J, B	*0.42*	
Fluorene	NV	**0.00054**	NV	**100**	ND		*0.024*	J
Hexachlorobenzene	**0.00004**	NV	NV	NV	ND		ND	
Indeno(1,2,3-cd)pyrene	NV	**0.000002**	NV	**0.5**	**0.00012**	J	*0.12*	J
Naphthalene	**0.01**	NV	NV	**100**	ND		ND	
Phenanthrene	NV	**0.005**	NV	**100**	*0.00008*	J, B	*0.26*	
Pyrene	NV	**0.05**	NV	**100**	*0.00017*	J	*0.3*	
Pentachlorophenol	**0.001**	NV	**<14**	**6.7**	*0.00013*	J	ND	
3-Methylphenol/4-Methylphenol	NV	NV	NV	NV	ND		ND	
Total Metals (SW 846 Method 6020 B)								
Aluminum	NV	NV	NV	NV	*0.112*		*882*	
Antimony	**0.003**	NV	NV	NV	*0.00054*	J	*1.17*	J
Arsenic	**0.05**	NV	**<10**	**16**	*0.00047*	J	*0.431*	J
Barium	**1**	NV	NV	**400**	*0.00982*		*7.01*	
Beryllium	**0.011**	**0.003**	NV	**72**	ND		*0.056*	
Cadmium	**0.005**	NV	**<1**	**4.3**	ND		ND	
Calcium	NV	NV	NV	NV	*27.1*		*134000*	
Chromium	**0.05**	NV	**<43**	**180**	*0.00083*	J	*6.59*	
Cobalt	**0.005**	NV	NV	NV	ND		*1.42*	J
Copper	**0.2**	NV	**<32**	**270**	*0.00337*		*9.42*	
Iron	**0.3**	NV	NV	NV	*0.203*		*10200*	
Lead	**0.05**	NV	**<36**	**400**	*0.00127*		*7.55*	
Magnesium	**35**	NV	NV	NV	*2.01*		*12100*	
Manganese	**0.3**	NV	NV	**2000**	*0.00533*		*213*	
Mercury	**0.0007**	NV	**<0.2**	**0.81**	ND		ND	
Nickel	**0.1**	NV	**<23**	**310**	*0.00088*	J	*6.9*	
Potassium	NV	NV	NV	NV	*1.09*		*224*	J
Selenium	**0.0046**	NV	NV	**180**	ND		ND	
Silver	**0.05**	NV	**<1**	**180**	ND		ND	
Sodium	**20**	NV	NV	NV	**20.5**		*139*	J
Thallium	**0.008**	**0.0005**	NV	NV	ND		ND	
Vanadium	**0.014**	NV	NV	NV	*0.00168*	J	*6.4*	
Zinc	NV	**2**	**<120**	**10000**	*0.01808*		*23.2*	

Notes & Data Qualifiers:

1 **Results stormwater analysis for semi-volatiles are reported for Method 8270D-SIM**

* Freshwater Sediment Guidance Values for Class A Sediments. "Screening & Assessment of Contaminated Sediment", NYSDEC, June 2014

B = Analyte was detected in associated method blank.

D02 = Dilution required due to sample matrix effects.

J = Analyte detected at a level less than the reporting limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.

Footnotes:

12.1 = Sample concentration exceeds NYSDEC Part 703 Water Quality Standards Surface Waters and Groundwater

2.3 = Sample concentration exceeds the TOGS 1.1.1 Surface Water Guidance values

0.34 = Sample concentration exceeds NYSDEC B10 Freshwater Sediment Guidance Value for Class A sediments

44 = Sample concentration exceeds NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives (SCOs)

ND = Non detectable concentration by approved analytical methods; water quality standard.

NV = No Standard or Guidance Value Specified

Table by: JV
Checked by: AS
Reviewed by: JV

TABLE 4-3A
SUMMARY OF STORMWATER - COMPOUNDS WITH EXCEEDANCES (2017 - 2023)
89 LASALLE AVENUE BCP SITE # C915283
LEGACY LASALLE, LLC.
BUFFALO, NY

Lab ID	Water Quality Standards Surface Waters and Groundwater (6 NYCRR Part 703)	NYS T.O.G.S 1.1.1 Surface Water Guidance Values+	L1710024-01 Stormwater		L1740169-01 Stormwater 1		L1813173-01 Stormwater 1		L1915294-01 Stormwater 1		L1952404-01 Stormwater 1		L2013833 Stormwater 1	
Sample ID			MH-1		MH-1		MH-1		MH-1		MH-1		MH-1	
Sample Date			3/31/17		11/13/17		4/16/18		4/15/19		11/5/19		3/30/20	
Units	(ppm)	(ppm)	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)	
Semivolatile Organics (Method 8270D-SIM)														
Anthracene	NV	**0.0038**	ND		ND									
Benzo(a)anthracene	NV	**0.000002**	ND		ND		**0.00004**	J	ND		**0.00004**	J	ND	
Benzo(a)pyrene	NV	**0.0000012**	ND		ND		**0.00004**	J	ND		**0.00002**	J	ND	
Benzo(b)fluoranthene	NV	**0.000002**	ND		ND		**0.00009**	J	**0.00003**	J	**0.00003**	J	**0.00003**	J
Benzo(k)fluoranthene	NV	**0.000002**	ND		ND		ND		**0.00002**	J	**0.00001**	J	ND	
Bis(2-ethylhexyl)phthalate	**0.005**	NV	ND		ND		**0.0054**		ND		0.002	J	ND	
Chrysene	NV	**0.000002**	ND		ND		**0.00008**	J	**0.00004**	J	**0.00002**	J	0.00001	J
Indeno(1,2,3-cd)pyrene	NV	**0.000002**	ND		ND		ND		0.00002	J	**0.00002**	J	**0.00002**	J
Total Metals (SW 846 Method 6020 B)														
Antimony	**0.003**	NV	0.00044	J	0.0005	J	0.00069	J	**0.00489**	J	ND		ND	
Cadmium	**0.005**	NV	0.00215		ND		0.06023		ND		0.00081		0.0001	J
Iron	**0.3**	NV	***0.798***		ND		**12.1**		0.0663		**0.387**		**0.746**	
Lead	**0.05**	NV	0.00215		ND		0.06023		ND		0.00316		0.00383	
Sodium	**20**	NV	14		1.19		12.9		**65.7**		1.24		**27.2**	

Notes & Data Qualifiers:

1 **Results stormwater analysis for semi-volatiles are reported for Method 8270D-SIM**

* Freshwater Sediment Guidance Values for Class A Sediments. *"Screening & Assessment of Contaminated Sediment"*, NYSDEC, June 2014

B = Analyte was detected in associated method blank.

D02 = Dilution required due to sample matrix effects.

J = Analyte detected at a level less than the reporting limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.

Footnotes:

12.1 = Sample concentration exceeds NYSDEC Part 703 Water Quality Standards Surface Waters and Groundwater

2.3 = Sample concentration exceeds the TOGS 1.1.1 Surface Water Guidance values

ND = Non detectable concentration by approved analytical methods; water quality standard.

NV = No Standard or Guidance Value Specified

TABLE 4-3A
SUMMARY OF STORMWATER - COMPOUNDS WITH EXCEEDANCES (2017 - 2023)
89 LASALLE AVENUE BCP SITE # C915283
LEGACY LASALLE, LLC.
BUFFALO, NY

Lab ID	Water Quality Standards Surface Waters and Groundwater (6 NYCRR Part 703)	NYS T.O.G.S 1.1.1 Surface Water Guidance Values+	L1952404-01 Stormwater 1		L2115550-01 Stormwater 1		L2158753 Stormwater 1		L2218463 Stormwater 1		L2218463 Stormwater 1		L2364484-01 Stormwater[1]	
Sample ID			MH-1		MH-1		MH-1		MH-1		MH-2		MH-1	
Sample Date			11/30/20		3/28/21		10/26/21		4/7/22		11/30/22		10/31/23	
Units	(ppm)	(ppm)	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)	
Semivolatile Organics (Method 8270D-SIM)														
Anthracene	NV	**0.0038**	0.00001	J	ND		ND		ND		0.00012		0.00002	
Benzo(a)anthracene	NV	**0.000002**	**0.00004**	J	**0.00002**	J	**0.00003**	J	**0.00004**	J	**0.00019**		**0.00007**	J
Benzo(a)pyrene	NV	**0.0000012**	**0.00002**	J	**0.00005**	J	**0.00003**	J	**0.00002**	J	**0.00018**		**0.00009**	J
Benzo(b)fluoranthene	NV	**0.000002**	**0.00003**	J	**0.00009**	J	**0.00005**	J, B	**0.00004**	J	**0.00021**		**0.00019**	
Benzo(k)fluoranthene	NV	**0.000002**	**0.00001**	J	**0.00002**	J	**0.00002**	J, B	**0.00001**	J	**0.00005**	J	**0.00005**	J
Bis(2-ethylhexyl)phthalate	**0.005**	NV	0.002	J	0.0039	J	0.0017	J	ND		ND		ND	
Chrysene	NV	**0.000002**	**0.00002**	J	**0.00007**	J	**0.00003**	J	**0.00003**	J	**0.0002**		**0.00011**	
Indeno(1,2,3-cd)pyrene	NV	**0.000002**	**0.00002**	J	**0.00008**	J	**0.00003**	J	**0.00003**	J	**0.00012**	J	**0.00012**	J
Total Metals (SW 846 Method 6020 B)														
Antimony	**0.003**	NV	0.00224	J	0.00082	J	0.00087	J	0.00138	J	0.00068	J	0.00054	J
Cadmium	**0.005**	NV	0.00011	J	0.00009	J	0.00015	J	0.00042		ND		ND	
Iron	**0.3**	NV	**0.625**		**0.464**		0.244		**0.458**		**1.54**		0.203	
Lead	**0.05**	NV	0.00307		0.00307		0.00065	J	0.00139		0.00601		0.00127	
Sodium	**20**	NV	3.08		**34.2**		1.23		**8910**		**3220**		**20.5**	

Notes & Data Qualifiers:

1 **Results stormwater analysis for semi-volatiles are reported for Method 8270D-SIM**

* Freshwater Sediment Guidance Values for Class A Sediments. *"Screening & Assessment of Contaminated Sediment"*, NYSDEC, June 2014

B = Analyte was detected in associated method blank.

D02 = Dilution required due to sample matrix effects.

J = Analyte detected at a level less than the reporting limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.

Footnotes:

12.1 = Sample concentration exceeds NYSDEC Part 703 Water Quality Standards Surface Waters and Groundwater

2.3 = Sample concentration exceeds the TOGS 1.1.1 Surface Water Guidance values

ND = Non detectable concentration by approved analytical methods; water quality standard.

NV = No Standard or Guidance Value Specified

TABLE 4-3B
SUMMARY OF SEDIMENT SAMPLES - COMPOUNDS WITH DETECTIONS (2017 - 2023)
89 LASALLE AVENUE BCP SITE # C915283
LEGACY LASALLE, LLC.
BUFFALO, NY

Lab ID	Class A Freshwater Sediment Guidance Values*	Restricted Residential SCOs Table 375-6.8(b)	L1710024-02 Sediment		L1813173-02 Sediment		L1915294-02 Sediment		L1952404-02 Sediment		L2115550-02 Sediment		L2218463 Sediment		L2218463 Sediment		L2364484-02 Sediment	
Sample ID			MH-1		MH-1		MH-1		MH-1		MH-1		MH-1		MH-1		MH-1	
Sample Date			3/31/17		4/16/18		4/15/19		11/5/19		3/28/21		4/7/22		11/30/22		10/31/23	
Units	(ppm)	(ppm)	(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm)		(ppm(		(ppm)	
Semivolatile Organics (Method 8270D-SIM)																		
Anthracene	NV	**100**	ND		ND		ND		ND				0.00001	J	ND		0.053	
Benzo(a)anthracene	NV	1	**2.7**		0.1		0.27		0.22		ND		0.11	J	0.048	J	0.15	
Benzo(a)pyrene	NV	1	**2.1**		0.11		0.28		0.21		ND		0.12	J	0.062	J	0.15	J
Benzo(b)fluoranthene	NV	1	**2.9**		0.18		0.39		0.3		ND		0.2		0.1		0.2	
Benzo(k)fluoranthene	NV	**3.9**	1.1		0.06		0.12	J	0.073	J	ND		0.069	J	ND		0.05	J
Bis(2-ethylhexyl)phthalate	**<360**	NV	0.49		0.079	J	0.24	J	ND		ND		0.098	J	ND		ND	
Chrysene	NV	**3.9**	2.6		0.15		0.28		0.22		ND		0.16		0.084	J	0.18	
Indeno(1,2,3-cd)pyrene	NV	**0.5**	**1.2**		0.056		0.16	J	0.15	J	ND		0.12	J	0.051	J	0.12	J
Total Metals (SW 846 Method 6020 B)																		
Antimony	NV	NV	ND		2.47	J	1.34	J	0.742	J	ND		ND		ND		1.17	J
Cadmium	**<1**	**4.3**	**44**		**9.23**		**59.7**		**14.2**		0.098	J	ND		0.122	J	ND	
Iron	NV	NV	9200		7920		23000		17300		3650		3460		7770		10200	
Lead	**<36**	**400**	**44**		9.23		**59.7**		14.2		5.98		3.48	J	8.47		7.55	
Sodium	NV	NV	250		292		2760		78.9		217		2460		5530		139	J

Notes & Data Qualifiers:

1 **Results stormwater analysis for semi-volatiles are reported for Method 8270D-SIM**

* Freshwater Sediment Guidance Values for Class A Sediments. "*Screening & Assessment of Contaminated Sediment*", NYSDEC, June 2014

B = Analyte was detected in associated method blank.

D02 = Dilution required due to sample matrix effects.

J = Analyte detected at a level less than the reporting limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.

Footnotes:

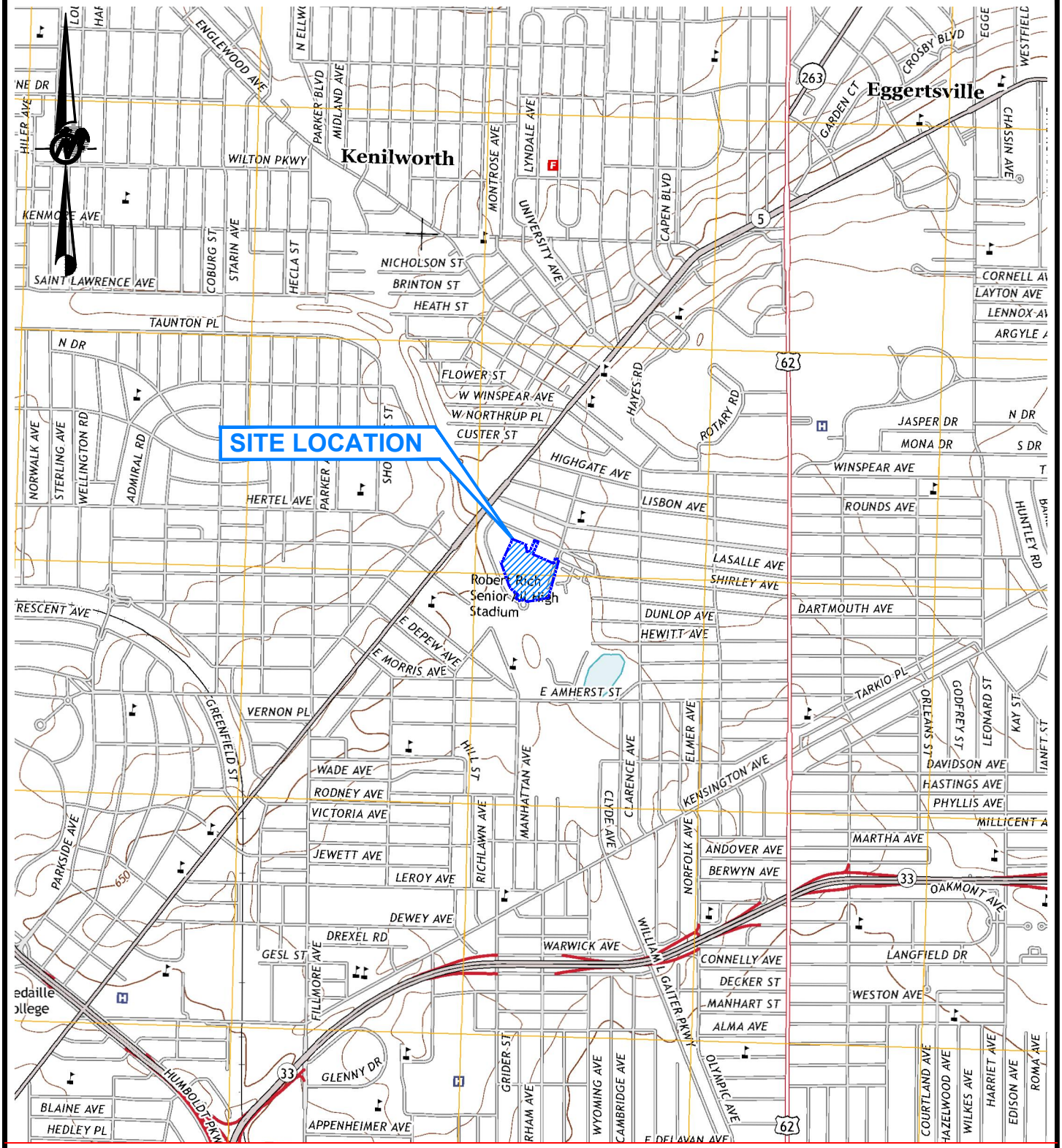
0.34 = Sample concentration exceeds NYSDEC B10 Freshwater Sediment Guidance Value for Class A sediments

44 = Sample concentration exceeds NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives (SCOs)

ND = Non detectable concentration by approved analytical methods; water quality standard.

NV = No Standard or Guidance Value Specified

FIGURES



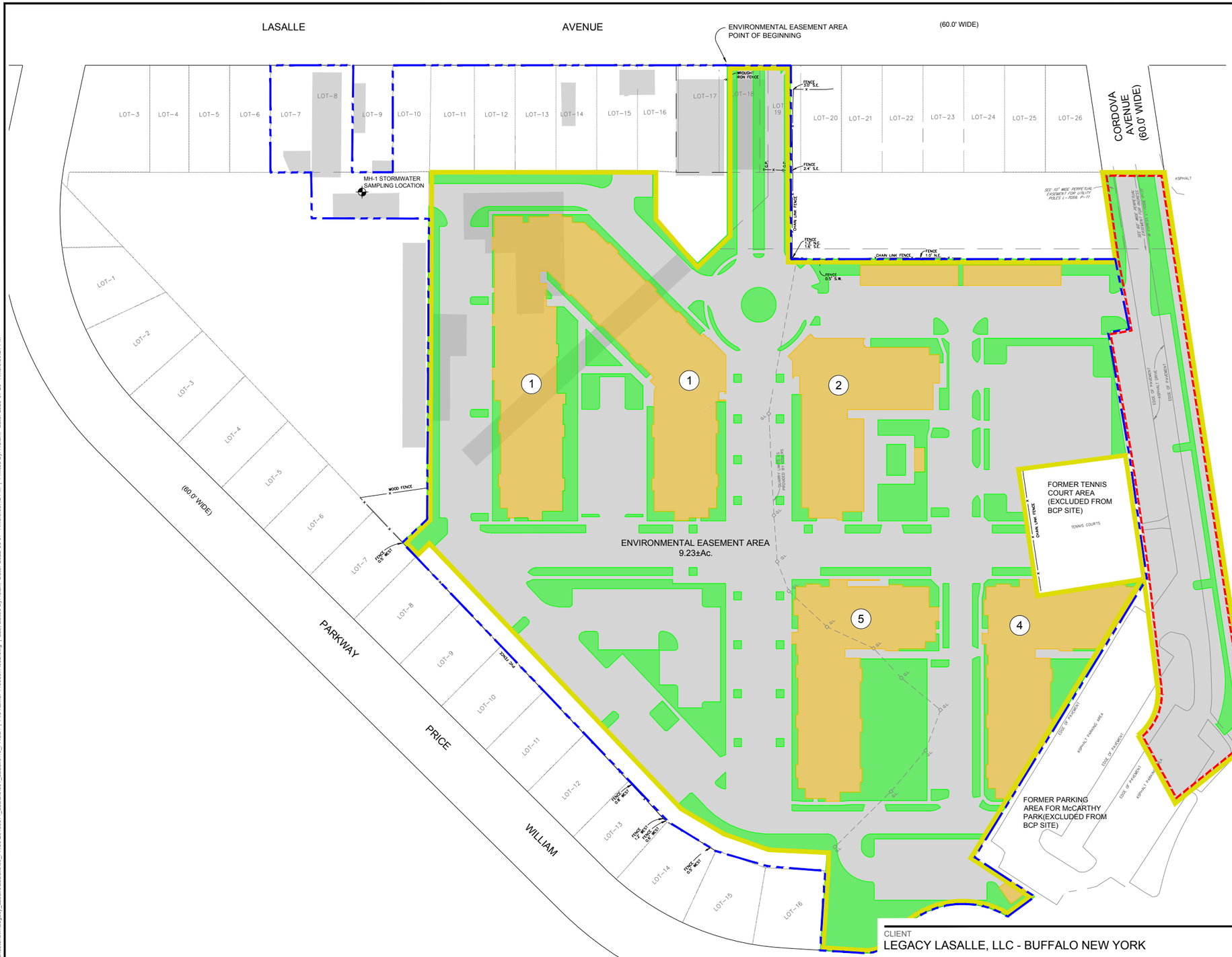
REFERENCE

1.) BASE FROM 7.5 MINUTE QUADRANGLE OF BUFFALO NORTHEAST, NEW YORK DATED 2013.

2000 0 2000
SCALE FEET

wsp	SCALE	AS SHOWN	TITLE
	DATE	5/12/15	**SITE VICINITY MAP**
	DESIGN	JGT	**89 LASALLE AVENUE BCP SITE**
	CADD	JGT	**PERIODIC REVIEW REPORT**
FILE No. 1400657	CHECK		
PROJECT No. 1400657 REV. 0	REVIEW		LEGACY LASALLE LLC — FIGURE 1-1

Drawing file: Figure 1; Project Site Map.dwg May 12, 2015 – 9:12am



LEGEND

- BCP SITE BOUNDARY
- PARCEL BOUNDARY UPAL; LP PARCEL (SBL 79.70-2-5.1) (10.83 Ac.)
- CITY OF BUFFALO PARCEL (SBL 79.70-2-16.111) (1.04 Ac.)
- QUARRY LIMIT
- COVER SYSTEM - IMPERVIOUS SURFACES
- COVER SYSTEM - BUILDINGS AND STRUCTURES
- COVER SYSTEM - SOIL COVER
- (1) BUILDING NO.

REFERENCE

1.) BASE MAP FROM DIGITAL FILE PROVIDED BY McINTOSH & McINTOSH, P.C., LOCKPORT, NEW YORK, ENTITLED "SURVEY OF PART OF LOT-46, TWP.-11, R.-8, HOLLAND PURCHASE," DATED MARCH 20, 2012.

0 50 100
1" = 50' FEET

CLIENT
LEGACY LASALLE, LLC - BUFFALO NEW YORK

PROJECT
PERIODIC REVIEW REPORT

CONSULTANT
wsp

YYYY-MM-DD	2022-06-07
DESIGNED	JGT
PREPARED	AAZ
REVIEWED	PTM
APPROVED	PTM

TITLE
89 LASALLE AVENUE SITE PLAN

PROJECT NO.	CONTROL	REV.	FIGUR
20139374	001	0	2-

APPENDIX A

Analytical Data Report (October 2023)

ANALYTICAL REPORT

Lab Number:	L2364484
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Joshua Vernold
Phone:	(716) 352-9278
Project Name:	89 LASALLE BCP SITE
Project Number:	31406202.000
Report Date:	11/07/23

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

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

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2364484-01	MH-1 STORMWATER	WATER	89 LA SALLE AVE, BUFFALO, NY	10/31/23 11:20	10/31/23
L2364484-02	MH-1 SEDIMENT	SEDIMENT	89 LA SALLE AVE, BUFFALO, NY	10/31/23 11:24	10/31/23

Project Name:	89 LASALLE BCP SITE	**Lab Number:**	L2364484
Project Number:	31406202.000	**Report Date:**	11/07/23

Case Narrative

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

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

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

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

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

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

Project Name:	89 LASALLE BCP SITE	**Lab Number:**	L2364484
Project Number:	31406202.000	**Report Date:**	11/07/23

Case Narrative (continued)

Report Submission

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

Total Metals

L2364484-02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1847127-3 MS recoveries, performed on L2364484-02, are outside the acceptance criteria for arsenic (141%), chromium (132%), copper (165%), sodium (126%), and zinc (126%). A post digestion spike was performed and was within acceptance criteria.

The WG1847127-3 MS recoveries for aluminum (37%), calcium (0%), and iron (20400%), performed on L2364484-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1847127-3 MS recovery, performed on L2364484-02, is outside the acceptance criteria for potassium (137%). A post digestion spike was performed and yielded an unacceptable recovery for potassium (131%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1847127-4 Laboratory Duplicate RPDs for chromium (35%), copper (43%), iron (37%), magnesium (31%), nickel (24%), and zinc (90%), performed on L2364484-02, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 11/07/23

ORGANICS

SEMIVOLATILES

Project Name: 89 LASALLE BCP SITE
Lab Number: L2364484
Project Number: 31406202.000
Report Date: 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-01
Client ID: MH-1 STORMWATER
Sample Location: 89 LA SALLE AVE, BUFFALO, NY

Date Collected: 10/31/23 11:20
Date Received: 10/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/02/23 14:08
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 11/02/23 01:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 89 LASALLE BCP SITE
Lab Number: L2364484
Project Number: 31406202.000
Report Date: 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-01
Client ID: MH-1 STORMWATER
Sample Location: 89 LA SALLE AVE, BUFFALO, NY

Date Collected: 10/31/23 11:20
Date Received: 10/31/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	75		41-149

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-01
Client ID: MH-1 STORMWATER
Sample Location: 89 LA SALLE AVE, BUFFALO, NY

Date Collected: 10/31/23 11:20
Date Received: 10/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/03/23 17:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/02/23 01:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.19		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.09	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.19		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Chrysene	0.11		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.15		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.08	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.12		ug/l	0.10	0.01	1
Pyrene	0.17		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.13	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 89 LASALLE BCP SITE **Lab Number:** L2364484

Project Number: 31406202.000 **Report Date:** 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-01 Date Collected: 10/31/23 11:20

Client ID: MH-1 STORMWATER Date Received: 10/31/23

Sample Location: 89 LA SALLE AVE, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	92		41-149

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-02
Client ID: MH-1 SEDIMENT
Sample Location: 89 LA SALLE AVE, BUFFALO, NY

Date Collected: 10/31/23 11:24
Date Received: 10/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270E
Analytical Date: 11/02/23 12:32
Analyst: HNY
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 11/01/23 16:24

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	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	420		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	ND		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	150		ug/kg	120	23.	1
Benzo(a)pyrene	150	J	ug/kg	160	50.	1

Project Name: 89 LASALLE BCP SITE **Lab Number:** L2364484

Project Number: 31406202.000 **Report Date:** 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-02 Date Collected: 10/31/23 11:24

Client ID: MH-1 SEDIMENT Date Received: 10/31/23

Sample Location: 89 LA SALLE AVE, 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	200		ug/kg	120	35.	1
Benzo(k)fluoranthene	50	J	ug/kg	120	33.	1
Chrysene	180		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	53	J	ug/kg	120	40.	1
Benzo(ghi)perylene	140	J	ug/kg	160	24.	1
Fluorene	24	J	ug/kg	210	20.	1
Phenanthrene	260		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	160	29.	1
Pyrene	300		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	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	ND		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	38	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: 89 LASALLE BCP SITE **Lab Number:** L2364484

Project Number: 31406202.000 **Report Date:** 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-02 Date Collected: 10/31/23 11:24

Client ID: MH-1 SEDIMENT Date Received: 10/31/23

Sample Location: 89 LA SALLE AVE, 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	44		18-120

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/02/23 02:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/01/23 08:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1846863-1					
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	56.
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: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/02/23 02:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/01/23 08:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1846863-1					
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	21.
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	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/02/23 02:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/01/23 08:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1846863-1					
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	72		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	77		18-120

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/02/23 08:28
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 11/02/23 01:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1847238-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/02/23 08:28
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 11/02/23 01:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1847238-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	76		41-149

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/02/23 10:24
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 11/02/23 01:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1847239-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.02	J	ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	0.02	J	ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/02/23 10:24
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 11/02/23 01:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1847239-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	75		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1846863-2 WG1846863-3								
Acenaphthene	69		80		31-137	15		50
Hexachlorobenzene	72		82		40-140	13		50
Bis(2-chloroethyl)ether	72		78		40-140	8		50
2-Chloronaphthalene	78		87		40-140	11		50
3,3'-Dichlorobenzidine	69		76		40-140	10		50
2,4-Dinitrotoluene	80		94		40-132	16		50
2,6-Dinitrotoluene	86		99		40-140	14		50
Fluoranthene	75		85		40-140	13		50
4-Chlorophenyl phenyl ether	78		87		40-140	11		50
4-Bromophenyl phenyl ether	76		86		40-140	12		50
Bis(2-chloroisopropyl)ether	89		95		40-140	7		50
Bis(2-chloroethoxy)methane	76		80		40-117	5		50
Hexachlorobutadiene	84		88		40-140	5		50
Hexachlorocyclopentadiene	67		71		40-140	6		50
Hexachloroethane	71		78		40-140	9		50
Isophorone	74		82		40-140	10		50
Naphthalene	74		82		40-140	10		50
Nitrobenzene	74		82		40-140	10		50
NDPA/DPA	74		84		36-157	13		50
n-Nitrosodi-n-propylamine	76		83		32-121	9		50
Bis(2-ethylhexyl)phthalate	80		86		40-140	7		50
Butyl benzyl phthalate	73		84		40-140	14		50
Di-n-butylphthalate	77		82		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1846863-2 WG1846863-3								
Di-n-octylphthalate	77		84		40-140	9		50
Diethyl phthalate	75		85		40-140	13		50
Dimethyl phthalate	79		87		40-140	10		50
Benzo(a)anthracene	80		91		40-140	13		50
Benzo(a)pyrene	79		92		40-140	15		50
Benzo(b)fluoranthene	79		93		40-140	16		50
Benzo(k)fluoranthene	75		83		40-140	10		50
Chrysene	78		88		40-140	12		50
Acenaphthylene	72		82		40-140	13		50
Anthracene	75		83		40-140	10		50
Benzo(ghi)perylene	76		86		40-140	12		50
Fluorene	72		83		40-140	14		50
Phenanthrene	73		82		40-140	12		50
Dibenzo(a,h)anthracene	77		87		40-140	12		50
Indeno(1,2,3-cd)pyrene	84		95		40-140	12		50
Pyrene	73		84		35-142	14		50
Biphenyl	79		88		37-127	11		50
4-Chloroaniline	40		**36**	Q	40-140	11		50
2-Nitroaniline	82		98		47-134	18		50
3-Nitroaniline	56		62		26-129	10		50
4-Nitroaniline	70		86		41-125	21		50
Dibenzofuran	71		82		40-140	14		50
2-Methylnaphthalene	76		86		40-140	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1846863-2 WG1846863-3								
1,2,4,5-Tetrachlorobenzene	84		94		40-117	11		50
Acetophenone	83		91		14-144	9		50
2,4,6-Trichlorophenol	91		105		30-130	14		50
p-Chloro-m-cresol	81		91		26-103	12		50
2-Chlorophenol	78		86		25-102	10		50
2,4-Dichlorophenol	79		93		30-130	16		50
2,4-Dimethylphenol	63		68		30-130	8		50
2-Nitrophenol	88		96		30-130	9		50
4-Nitrophenol	76		91		11-114	18		50
2,4-Dinitrophenol	46		59		4-130	25		50
4,6-Dinitro-o-cresol	80		94		10-130	16		50
Pentachlorophenol	75		89		17-109	17		50
Phenol	79		**91**	Q	26-90	14		50
2-Methylphenol	74		86		30-130.	15		50
3-Methylphenol/4-Methylphenol	76		89		30-130	16		50
2,4,5-Trichlorophenol	87		100		30-130	14		50
Carbazole	76		85		54-128	11		50
Atrazine	79		89		40-140	12		50
Benzaldehyde	83		87		40-140	5		50
Caprolactam	95		111		15-130	16		50
2,3,4,6-Tetrachlorophenol	84		96		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1846863-2 WG1846863-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		82		25-120
Phenol-d6	79		86		10-120
Nitrobenzene-d5	76		84		23-120
2-Fluorobiphenyl	77		85		30-120
2,4,6-Tribromophenol	81		90		10-136
4-Terphenyl-d14	75		83		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1847238-2 WG1847238-3								
Bis(2-chloroethyl)ether	71		74		40-140	4		30
3,3'-Dichlorobenzidine	70		75		40-140	7		30
2,4-Dinitrotoluene	72		73		48-143	1		30
2,6-Dinitrotoluene	71		71		40-140	0		30
4-Chlorophenyl phenyl ether	70		72		40-140	3		30
4-Bromophenyl phenyl ether	68		72		40-140	6		30
Bis(2-chloroisopropyl)ether	68		75		40-140	10		30
Bis(2-chloroethoxy)methane	69		74		40-140	7		30
Hexachlorocyclopentadiene	62		63		40-140	2		30
Isophorone	70		75		40-140	7		30
Nitrobenzene	69		73		40-140	6		30
NDPA/DPA	73		76		40-140	4		30
n-Nitrosodi-n-propylamine	71		76		29-132	7		30
Bis(2-ethylhexyl)phthalate	76		82		40-140	8		30
Butyl benzyl phthalate	75		81		40-140	8		30
Di-n-butylphthalate	71		74		40-140	4		30
Di-n-octylphthalate	73		81		40-140	10		30
Diethyl phthalate	73		76		40-140	4		30
Dimethyl phthalate	72		72		40-140	0		30
Biphenyl	75		78		40-140	4		30
4-Chloroaniline	53		51		40-140	4		30
2-Nitroaniline	72		74		52-143	3		30
3-Nitroaniline	66		67		25-145	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1847238-2 WG1847238-3								
4-Nitroaniline	73		74		51-143	1		30
Dibenzofuran	72		73		40-140	1		30
1,2,4,5-Tetrachlorobenzene	72		73		2-134	1		30
Acetophenone	74		78		39-129	5		30
2,4,6-Trichlorophenol	76		73		30-130	4		30
p-Chloro-m-cresol	79		78		23-97	1		30
2-Chlorophenol	70		78		27-123	11		30
2,4-Dichlorophenol	73		77		30-130	5		30
2,4-Dimethylphenol	72		75		30-130	4		30
2-Nitrophenol	70		74		30-130	6		30
4-Nitrophenol	71		70		10-80	1		30
2,4-Dinitrophenol	70		70		20-130	0		30
4,6-Dinitro-o-cresol	80		77		20-164	4		30
Phenol	59		65		12-110	10		30
2-Methylphenol	71		78		30-130	9		30
3-Methylphenol/4-Methylphenol	75		80		30-130	6		30
2,4,5-Trichlorophenol	75		78		30-130	4		30
Carbazole	78		78		55-144	0		30
Atrazine	81		78		40-140	4		30
Benzaldehyde	75		81		40-140	8		30
Caprolactam	36		36		10-130	0		30
2,3,4,6-Tetrachlorophenol	74		72		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1847238-2 WG1847238-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		71		21-120
Phenol-d6	59		63		10-120
Nitrobenzene-d5	70		75		23-120
2-Fluorobiphenyl	70		71		15-120
2,4,6-Tribromophenol	75		74		10-120
4-Terphenyl-d14	70		75		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1847239-2 WG1847239-3								
Acenaphthene	74		78		40-140	5		40
2-Chloronaphthalene	68		71		40-140	4		40
Fluoranthene	79		83		40-140	5		40
Hexachlorobutadiene	61		64		40-140	5		40
Naphthalene	71		74		40-140	4		40
Benzo(a)anthracene	78		82		40-140	5		40
Benzo(a)pyrene	90		95		40-140	5		40
Benzo(b)fluoranthene	84		88		40-140	5		40
Benzo(k)fluoranthene	92		98		40-140	6		40
Chrysene	82		87		40-140	6		40
Acenaphthylene	71		74		40-140	4		40
Anthracene	85		89		40-140	5		40
Benzo(ghi)perylene	86		90		40-140	5		40
Fluorene	75		78		40-140	4		40
Phenanthrene	81		85		40-140	5		40
Dibenzo(a,h)anthracene	90		96		40-140	6		40
Indeno(1,2,3-cd)pyrene	80		85		40-140	6		40
Pyrene	80		84		40-140	5		40
2-Methylnaphthalene	69		72		40-140	4		40
Pentachlorophenol	76		79		40-140	4		40
Hexachlorobenzene	72		76		40-140	5		40
Hexachloroethane	66		69		40-140	4		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1847239-2 WG1847239-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		74		21-120
Phenol-d6	63		66		10-120
Nitrobenzene-d5	82		87		23-120
2-Fluorobiphenyl	68		71		15-120
2,4,6-Tribromophenol	73		68		10-120
4-Terphenyl-d14	74		77		41-149

METALS

Project Name: 89 LASALLE BCP SITE
Lab Number: L2364484
Project Number: 31406202.000
Report Date: 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-01
Client ID: MH-1 STORMWATER
Sample Location: 89 LA SALLE AVE, BUFFALO, NY
Date Collected: 10/31/23 11:20
Date Received: 10/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.112		mg/l	0.0100	0.00327	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Antimony, Total	0.00054	J	mg/l	0.00400	0.00042	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00047	J	mg/l	0.00050	0.00016	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Barium, Total	0.00982		mg/l	0.00050	0.00017	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Calcium, Total	27.1		mg/l	0.100	0.0394	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00083	J	mg/l	0.00100	0.00017	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Copper, Total	0.00337		mg/l	0.00100	0.00038	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Iron, Total	0.203		mg/l	0.0500	0.0191	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Lead, Total	0.00127		mg/l	0.00100	0.00034	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Magnesium, Total	2.01		mg/l	0.0700	0.0242	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Manganese, Total	0.00533		mg/l	0.00100	0.00044	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/02/23 10:15	11/02/23 13:55	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00088	J	mg/l	0.00200	0.00055	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Potassium, Total	1.09		mg/l	0.100	0.0309	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Sodium, Total	20.5		mg/l	0.100	0.0293	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.00168	J	mg/l	0.00500	0.00157	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP
Zinc, Total	0.01808		mg/l	0.01000	0.00341	1	11/02/23 09:14	11/06/23 20:22	EPA 3005A	1,6020B	WKP

Project Name: 89 LASALLE BCP SITE
Lab Number: L2364484
Project Number: 31406202.000
Report Date: 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-02
Client ID: MH-1 SEDIMENT
Sample Location: 89 LA SALLE AVE, BUFFALO, NY
Date Collected: 10/31/23 11:24
Date Received: 10/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	882		mg/kg	9.64	2.60	2	11/02/23 01:00	11/06/23 20:38	EPA 3050B	1,6010D	CEY
Antimony, Total	1.17	J	mg/kg	4.82	0.366	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Arsenic, Total	0.431	J	mg/kg	0.964	0.200	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Barium, Total	7.01		mg/kg	0.964	0.168	2	11/02/23 01:00	11/06/23 20:38	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.056	J	mg/kg	0.482	0.032	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.964	0.095	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Calcium, Total	134000		mg/kg	48.2	16.9	10	11/02/23 01:00	11/06/23 15:39	EPA 3050B	1,6010D	DHL
Chromium, Total	6.59		mg/kg	0.964	0.093	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Cobalt, Total	1.42	J	mg/kg	1.93	0.160	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Copper, Total	9.42		mg/kg	0.964	0.249	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Iron, Total	10200		mg/kg	4.82	0.871	2	11/02/23 01:00	11/06/23 20:38	EPA 3050B	1,6010D	CEY
Lead, Total	7.55		mg/kg	4.82	0.258	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Magnesium, Total	12100		mg/kg	9.64	1.48	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Manganese, Total	213		mg/kg	0.964	0.153	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.081	0.053	1	11/02/23 02:23	11/07/23 16:53	EPA 7471B	1,7471B	GMG
Nickel, Total	6.90		mg/kg	2.41	0.233	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Potassium, Total	224	J	mg/kg	241	13.9	2	11/02/23 01:00	11/06/23 20:38	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.93	0.249	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.482	0.273	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Sodium, Total	139	J	mg/kg	193	3.04	2	11/02/23 01:00	11/06/23 20:38	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.93	0.304	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Vanadium, Total	6.40		mg/kg	0.964	0.196	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL
Zinc, Total	23.2		mg/kg	4.82	0.282	2	11/02/23 01:00	11/05/23 17:04	EPA 3050B	1,6010D	DHL

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1847127-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	11/02/23 01:00	11/06/23 15:33	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	11/02/23 01:00	11/06/23 15:33	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	11/02/23 01:00	11/06/23 15:33	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Iron, Total	0.439	J	mg/kg	2.00	0.361	1	11/02/23 01:00	11/06/23 15:33	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	11/02/23 01:00	11/06/23 15:33	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	11/02/23 01:00	11/06/23 15:33	1,6010D	DHL
Thallium, Total	0.146	J	mg/kg	0.800	0.126	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/02/23 01:00	11/05/23 16:40	1,6010D	DHL

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): 02 Batch: WG1847131-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/02/23 02:23	11/07/23 16:15	1,7471B	GMG

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1847284-1										
Aluminum, Total	0.00375	J	mg/l	0.0100	0.00327	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Manganese, Total	0.00060	J	mg/l	0.00100	0.00044	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	11/02/23 09:14	11/02/23 14:01	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000
Lab Number: L2364484
Report Date: 11/07/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1847286-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/02/23 10:15	11/02/23 13:00	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1847127-2 SRM Lot Number: D119-540								
Aluminum, Total	79		-		48-152	-		
Antimony, Total	114		-		10-190	-		
Arsenic, Total	107		-		83-117	-		
Barium, Total	89		-		82-118	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	100		-		82-117	-		
Calcium, Total	92		-		81-118	-		
Chromium, Total	106		-		82-119	-		
Cobalt, Total	104		-		83-117	-		
Copper, Total	98		-		84-116	-		
Iron, Total	104		-		60-140	-		
Lead, Total	107		-		82-118	-		
Magnesium, Total	102		-		76-124	-		
Manganese, Total	104		-		82-118	-		
Nickel, Total	102		-		82-117	-		
Potassium, Total	82		-		70-130	-		
Selenium, Total	109		-		79-121	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	95		-		74-126	-		
Thallium, Total	106		-		81-119	-		
Vanadium, Total	103		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1847127-2 SRM Lot Number: D119-540					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1847131-2 SRM Lot Number: D119-540					
Mercury, Total	87	-	73-127	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1847284-2					
Aluminum, Total	99	-	80-120	-	
Antimony, Total	98	-	80-120	-	
Arsenic, Total	99	-	80-120	-	
Barium, Total	100	-	80-120	-	
Beryllium, Total	98	-	80-120	-	
Cadmium, Total	98	-	80-120	-	
Calcium, Total	81	-	80-120	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	90	-	80-120	-	
Copper, Total	86	-	80-120	-	
Iron, Total	95	-	80-120	-	
Lead, Total	103	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	92	-	80-120	-	
Nickel, Total	84	-	80-120	-	
Potassium, Total	95	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	100	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	97	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1847284-2					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1847286-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847127-3 QC Sample: L2364484-02 Client ID: MH-1 SEDIMENT												
Aluminum, Total	882	197	955	**37**	Q	-	-		75-125	-		20
Antimony, Total	1.17J	49.2	57.3	116		-	-		75-125	-		20
Arsenic, Total	0.431J	11.8	16.6	**141**	Q	-	-		75-125	-		20
Barium, Total	7.01	197	201	99		-	-		75-125	-		20
Beryllium, Total	0.056J	4.92	5.28	107		-	-		75-125	-		20
Cadmium, Total	ND	5.21	5.47	105		-	-		75-125	-		20
Calcium, Total	134000	983	109000	**0**	Q	-	-		75-125	-		20
Chromium, Total	6.59	19.7	32.5	**132**	Q	-	-		75-125	-		20
Cobalt, Total	1.42J	49.2	54.2	110		-	-		75-125	-		20
Copper, Total	9.42	24.6	50.0	**165**	Q	-	-		75-125	-		20
Iron, Total	10200	98.3	30300	**20400**	Q	-	-		75-125	-		20
Lead, Total	7.55	52.1	58.5	98		-	-		75-125	-		20
Magnesium, Total	12100	983	13100	102		-	-		75-125	-		20
Manganese, Total	213	49.2	272	120		-	-		75-125	-		20
Nickel, Total	6.90	49.2	63.3	115		-	-		75-125	-		20
Potassium, Total	224J	983	1350	**137**	Q	-	-		75-125	-		20
Selenium, Total	ND	11.8	11.4	97		-	-		75-125	-		20
Silver, Total	ND	4.92	5.52	112		-	-		75-125	-		20
Sodium, Total	139J	983	1240	**126**	Q	-	-		75-125	-		20
Thallium, Total	ND	11.8	11.8	100		-	-		75-125	-		20
Vanadium, Total	6.40	49.2	57.8	104		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847127-3 QC Sample: L2364484-02 Client ID: MH-1 SEDIMENT										
Zinc, Total	23.2	49.2	85.2	**126**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847131-3 QC Sample: L2364450-01 Client ID: MS Sample										
Mercury, Total	ND	1.52	1.47	97		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1847284-3 QC Sample: L2363851-01 Client ID: MS Sample										
Aluminum, Total	0.0522	2	2.00	97		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.5002	100		-	-	75-125	-	20
Arsenic, Total	0.00256	0.12	0.1224	100		-	-	75-125	-	20
Barium, Total	0.4275	2	2.342	96		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05000	100		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.05086	96		-	-	75-125	-	20
Calcium, Total	260.	10	238	**0**	Q	-	-	75-125	-	20
Chromium, Total	0.00115	0.2	0.1836	91		-	-	75-125	-	20
Cobalt, Total	0.00053	0.5	0.4422	88		-	-	75-125	-	20
Copper, Total	0.00052J	0.25	0.2133	85		-	-	75-125	-	20
Iron, Total	30.3	1	29.7	**0**	Q	-	-	75-125	-	20
Lead, Total	0.00527	0.53	0.5322	99		-	-	75-125	-	20
Magnesium, Total	42.8	10	49.7	**69**	Q	-	-	75-125	-	20
Manganese, Total	0.9225	0.5	1.283	**72**	Q	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.4075	82		-	-	75-125	-	20
Potassium, Total	24.9	10	32.3	**74**	Q	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.127	106		-	-	75-125	-	20
Silver, Total	ND	0.05	0.04727	94		-	-	75-125	-	20
Sodium, Total	80.4	10	99.8	**194**	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1165	97		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5020	100		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1847284-3 QC Sample: L2363851-01 Client ID: MS Sample									
Zinc, Total	0.00446J	0.5	0.4520	90	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1847286-3 QC Sample: L2363851-02 Client ID: MS Sample									
Mercury, Total	0.00010J	0.005	0.00469	94	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847127-4 QC Sample: L2364484-02 Client ID: MH-1 SEDIMENT						
Antimony, Total	1.17J	1.20J	mg/kg	NC		20
Arsenic, Total	0.431J	3.33	mg/kg	NC		20
Beryllium, Total	0.056J	0.076J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	6.59	9.35	mg/kg	**35**	Q	20
Cobalt, Total	1.42J	1.96J	mg/kg	NC		20
Copper, Total	9.42	14.6	mg/kg	**43**	Q	20
Lead, Total	7.55	4.81J	mg/kg	NC		20
Magnesium, Total	12100	16600	mg/kg	**31**	Q	20
Manganese, Total	213	203	mg/kg	5		20
Nickel, Total	6.90	8.82	mg/kg	**24**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	6.40	7.16	mg/kg	11		20
Zinc, Total	23.2	61.2	mg/kg	**90**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847127-4 QC Sample: L2364484-02 Client ID: MH-1 SEDIMENT						
Calcium, Total	134000	140000	mg/kg	4		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847127-4 QC Sample: L2364484-02 Client ID: MH-1 SEDIMENT						
Aluminum, Total	882	831	mg/kg	6		20
Barium, Total	7.01	5.92	mg/kg	17		20
Iron, Total	10200	14900	mg/kg	**37**	Q	20
Potassium, Total	224J	260	mg/kg	NC		20
Sodium, Total	139J	154J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847131-4 QC Sample: L2364450-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1847284-4 QC Sample: L2363851-01 Client ID: DUP Sample					
Aluminum, Total	0.0522	0.0534	mg/l	2	20
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	0.00256	0.00211	mg/l	19	20
Barium, Total	0.4275	0.4090	mg/l	4	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	260.	231	mg/l	12	20
Chromium, Total	0.00115	0.00064J	mg/l	NC	20
Cobalt, Total	0.00053	0.00047J	mg/l	NC	20
Copper, Total	0.00052J	0.00046J	mg/l	NC	20
Iron, Total	30.3	27.4	mg/l	10	20
Lead, Total	0.00527	0.00478	mg/l	10	20
Magnesium, Total	42.8	37.8	mg/l	12	20
Manganese, Total	0.9225	0.8184	mg/l	12	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	24.9	22.5	mg/l	10	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	80.4	71.2	mg/l	12	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1847284-4 QC Sample: L2363851-01 Client ID: DUP Sample					
Thallium, Total	ND	0.00032J	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.00446J	0.00405J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1847286-4 QC Sample: L2363851-02 Client ID: DUP Sample					
Mercury, Total	0.00010J	ND	mg/l	NC	20

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2364484
Report Date: 11/07/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847127-6 QC Sample: L2364484-02 Client ID: MH-1 SEDIMENT						
Magnesium, Total	12100	12700	mg/kg	5		20
Manganese, Total	213	227	mg/kg	7		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847127-6 QC Sample: L2364484-02 Client ID: MH-1 SEDIMENT						
Calcium, Total	134000	126000	mg/kg	6		20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1847127-6 QC Sample: L2364484-02 Client ID: MH-1 SEDIMENT						
Aluminum, Total	882	748	mg/kg	15		20
Iron, Total	10200	9630	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

SAMPLE RESULTS

Lab ID: L2364484-02
Client ID: MH-1 SEDIMENT
Sample Location: 89 LA SALLE AVE, BUFFALO, NY

Date Collected: 10/31/23 11:24
Date Received: 10/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.1		%	0.100	NA	1	-	11/02/23 01:03	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 89 LASALLE BCP SITE

Project Number: 31406202.000

Lab Number: L2364484

Report Date: 11/07/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1847224-1 QC Sample: L2363813-08 Client ID: DUP Sample						
Solids, Total	53.3	53.2	%	0		20

Project Name: 89 LASALLE BCP SITE
Project Number: 31406202.000

Lab Number: L2364484
Report Date: 11/07/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2364484-01A	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2364484-01B	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2364484-01C	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2364484-02A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2364484-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2364484-02C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	89 LASALLE BCP SITE	**Lab Number:**	L2364484
Project Number:	31406202.000	**Report Date:**	11/07/23

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	89 LASALLE BCP SITE	**Lab Number:**	L2364484
Project Number:	31406202.000	**Report Date:**	11/07/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	89 LASALLE BCP SITE	**Lab Number:**	L2364484
Project Number:	31406202.000	**Report Date:**	11/07/23

Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	89 LASALLE BCP SITE	**Lab Number:**	L2364484
Project Number:	31406202.000	**Report Date:**	11/07/23

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

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: 11/01/23

ALPHA Job #: L2364484

Client Information
Client: WSP USA Inc.
Address: 40 La Riviere DR #320
Buffalo, NY 14202
Phone: 716-835-1220
Fax:
Email: joshua.vernold@wsp.com

Project Information
Project Name: 89 LaSalle BCP Site
Project Location: 89 LaSalle AVE, Buffalo, NY
Project #: 31406202.000
(Use Project name as Project #) ☐
Project Manager: JOSHUA VERNOLD
ALPHAQuote #: 446637

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

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

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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	ANALYSIS: NYTCL-8270	Total Hg, Tot Metals	TS	NYTCL8270 SIMLVI	Total Hg / Metals				Sample Specific Comments	Total Bottle
L2364484-01	MH-1 Stormwater	10/31/23	1120	water	JV	~~1~~	~~1~~	~~1~~	2	1				No SAMPLES 1st 2	3
-02	MH-1 Sediment	10/31/23	1124	soil	JV	1	1	1						boxes Columns	3

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

Container Type	A	A	P	A	P			
Preservative	A	A	A	A	C			

Relinquished By:	Date/Time	Received By:	Date/Time
	10/31/23 1250		10/31/23 12:50
	10/31/23 12:50		11/1/23 0150

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)

APPENDIX B

Site-Wide Inspection Forms & Photo Logs – October 2023

89 LaSalle Avenue BCP

Buffalo, New York

NYSDEC Site Number: C915283

ANNUAL INSPECTION FORM

Inspection Item Description	Frequency	Comments	Corrective Action (If Required)
Site Cover Systems: - Soil Cover	Annually	*Excellent Condition*	*N/A*
- Asphalt Paved Areas		*Excellent Condition*	*N/A*
- Concrete Sidewalks and other concrete structures		*Excellent Condition*	*N/A*
- Other (if applicable)		*N/A*	*N/A*
Document specific locations and nature of condition issue if any observed.		*N/A*	*N/A*
Stormwater – Manhole Discharge Sampling Location General Condition	Annually	*Completed at MH-1 on 10/31/23 after 0.44" rain event*	*N/A*
Excavation Work Locations – General Conditions	Per Occurrence	*No intrusive work being performed*	*N/A*
		Date: 10/31/2023	***Signature:*** 

PHOTOGRAPHIC LOG		
ANNUAL INSPECTION OCTOBER 2023	**89 LaSALLE AVENUE BCP PRR SITE NO. C915283**	**US0030223.6099**

Photo No.	**Date**
1	10/31/2023

MH-1 Sampling location
(facing northwest)

Photo No.	**Date**
2	10/31/2023

MH-1 Sampling location
(facing north)

PHOTOGRAPHIC LOG		
ANNUAL INSPECTION OCTOBER 2023	**89 LaSALLE AVENUE BCP PRR SITE NO. C915283**	**US0030223.6099**

Photo No.	**Date**
3	10/31/2023

MH-1 Sampling location
(facing west)

Photo No.	**Date**
4	10/31/2023

MH-1 Sampling location
(facing east, upgradient)

PHOTOGRAPHIC LOG		
ANNUAL INSPECTION OCTOBER 2023	**89 LaSALLE AVENUE BCP PRR SITE NO. C915283**	**US0030223.6099**

Photo No.	**Date**
5	10/31/2023

North of Building 1
(facing east)

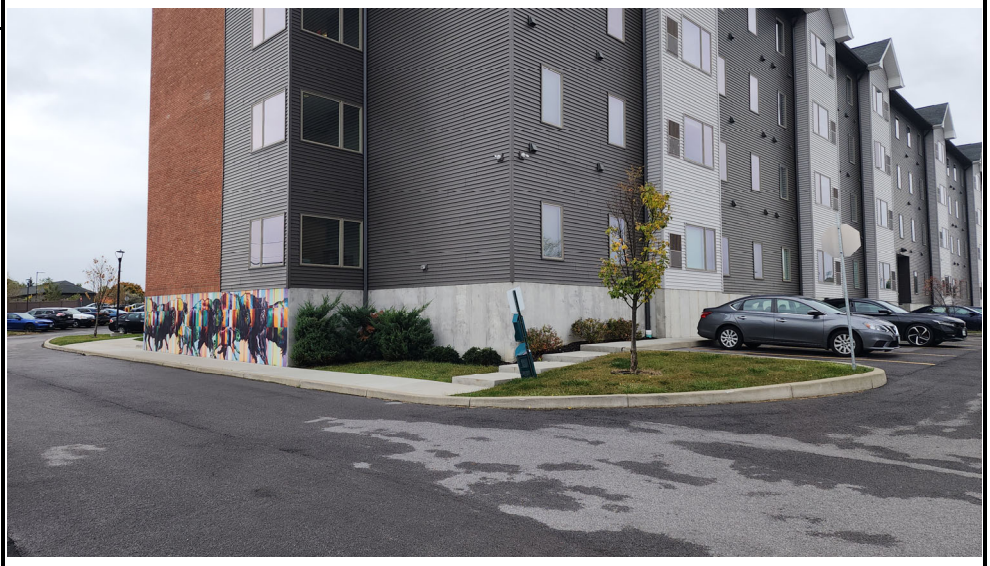


Photo No.	**Date**
6	10/31/2023

Parking lot south of Building 1
(facing north)

PHOTOGRAPHIC LOG		
ANNUAL INSPECTION OCTOBER 2023	**89 LaSALLE AVENUE BCP PRR SITE NO. C915283**	**US0030223.6099**

Photo No.	Date
7	10/31/2023

Vegetated soil cover between Building 5 and Building 4. (facing north)

Photo No.	Date
8	10/31/2023

Southeast of Building 4 (facing north)

PHOTOGRAPHIC LOG		
ANNUAL INSPECTION OCTOBER 2023	**89 LaSALLE AVENUE BCP PRR SITE NO. C915283**	**US0030223.6099**

Photo No.	**Date**
9	10/31/2023

Perimeter of BCP Site boundary, south of Building 5 (facing south)

Photo No.	**Date**
10	10/31/2023

Parking lot south of Building 1 (facing west)

PHOTOGRAPHIC LOG		
ANNUAL INSPECTION OCTOBER 2023	**89 LaSALLE AVENUE BCP PRR SITE NO. C915283**	**US0030223.6099**

Photo No.	**Date**
11	10/31/2023

Vegetated soil cover at parking lot west of Building 2 (facing southwest)

Photo No.	**Date**
12	10/31/2023

Vegetated soil cover north of traffic circle (facing northwest)

PHOTOGRAPHIC LOG		
ANNUAL INSPECTION OCTOBER 2023	**89 LaSALLE AVENUE BCP PRR SITE NO. C915283**	**US0030223.6099**

Photo No.	**Date**
13	10/31/2023

Solids (primarily asphalt particles and gravel) accumulated and collected from bottom of MH-1. Representative of "sediment" sample collected.

APPENDIX C

Site C915234 Site Management Plan Periodic Review Report 2023-2024 ICs-ECs Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C915283

Site Name 89 LaSalle Avenue Site

Site Address: 89 LaSalle Avenue Zip Code: 14212
City/Town: Buffalo
County: Erie
Site Acreage: 9.230

Reporting Period: March 30, 2023 to March 30, 2024

	YES	NO
1. Is the information above correct?	✔	
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		✔
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		✔
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		✔
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?		✔

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	✔	
7. Are all ICs in place and functioning as designed?	✔	

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☑

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☑	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C915283 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
Portion of 79.70-2-16.111	City of Buffalo DPW	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

1. Prohibition of groundwater use.
2. Land use restricted to Restricted Residential, Commercial or Industrial purposes.
3. Soil Management for any future intrusive work.

Portion of 79.70-2-5.1	Legacy UPAL, L.P.	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

1. Prohibition of groundwater use.
2. Land use restricted to Restricted Residential, Commercial or Industrial purposes.
3. Soil Management for any future intrusive work.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
Portion of 79.70-2-16.111	Cover System

1. Monitoring and maintenance of the cover system.
2. Semi-annual storm water and sediment monitoring.

Portion of 79.70-2-5.1	Cover System

1. Monitoring and maintenance of the cover system.
2. Semi-annual storm water and sediment monitoring.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☑	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. C915283

Box 6

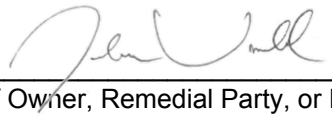
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Joshua Vernold (print name) at 40 La Riviere Dr. #320 Buffalo, NY, 14202 (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.



Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

4/29/2024
Date

EC CERTIFICATIONS

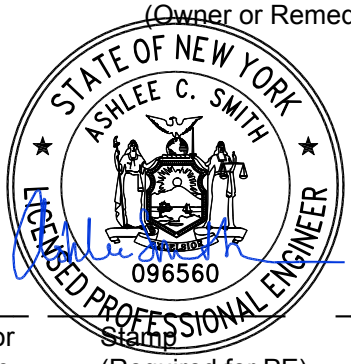
Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Ashlee Smith at WSP USA, Inc.
40 La Riviere Drive, #320
Buffalo, NY 14202,
print name print business address

am certifying as a Qualified Environmental Professional for the Owner
(Owner or Remedial Party)



Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

04/29/2024
Date

APPENDIX D

NYSDEC Sampling and Site Inspection Frequency Modification Letter

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 9
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7226
www.dec.ny.gov

July 5, 2022

Frank Chinnici
Legacy UPAL, L.P.
250 Ramsdell Avenue
Buffalo, NY 14216

Re: Site Management (SM) –
Periodic Review Report (PRR) Response Letter
89 LaSalle Avenue, Buffalo
Erie County, Site No.: **C915283**

Dear Frank Chinnici (as the Certifying Party):

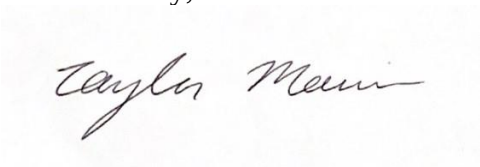
The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: March 30, 2021 to March 30, 2022.The Department hereby accepts the PRR and IC/EC Certification.

The frequency of Periodic Reviews for this site is 1 year, your next PRR is due on April 30, 2023. You will receive a reminder letter and updated certification form 75-days prior to the due date. Regardless of receipt or not, of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

The NYSDEC and NYSDOH have assessed the surface water and sediment sampling data and concur the frequency of the sampling and site inspections be modified from semi-annual to annual.

If you have any questions, or need additional forms, please contact me at (716) 851-7220 or e-mail: taylor.monnin@dec.ny.gov.

Sincerely,



Taylor Monnin
Assistant Engineer

ec: Andrea Caprio - NYSDEC
Gregory Rys – NYSDOH

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Charlotte Bethoney - NYSDOH
Patrick Martin – WSP USA Inc.
Michael Finn – City of Buffalo
Jason Paannen – City of Buffalo