

MEMORANDUM

To: Rosaleen Nogle, PE, Buffalo Sewer Authority

From: Elizabeth Tramosch, PE, CORE Environmental Consultants, Inc.

CC: Edmund Aplerh-Doku, PE, DBIA, ENV SP, TYLin Greeley & Hansen
Walt Walker, PE, TYLin Greeley & Hansen

Date: September 30, 2024

Re: **Buffalo Sewer Authority - Capital Project Program Permit Identification Memo**
Project: Sidney St. and Lark St - CSO053_1.4 SPP336B OLS (Sidney OLS)

The purpose of this memorandum is to summarize the regulatory permits and consultations required for the Buffalo Sewer Authority (BSA) Capital Project Program CSO053_1.4 SPP336B OLS (Sidney OLS) Project. CORE Environmental Consultants, Inc. (CORE) will be responsible for the environmental permitting and approvals for the work to be completed. CORE completed a review of all potential permits required on a local, state, and federal level. The recommended alternative will involve constructing an off-line storage tank at the intersection of Sidney Street and Lark Street as part of the LTCP, which is being renamed as Queen City Clean Waters. The design includes adding a 48" gravity sewer going east from the Humboldt Parkway Sewer for the tank influent, and a 36" gravity sewer going north on Lark Street for the tank effluent. The effluent has a connection at the Scajaquada Tunnel Interceptor. The tank reduces flows at SPP336B and would store flow diverted until there is sufficient available capacity in the Scajaquada Tunnel Interceptor. This location was selected because of the ability to dewater by gravity into the Scajaquada Tunnel Interceptor. Also, the lot on the other side of Lark Street can be used for construction staging. The invert depth of the Scajaquada Tunnel Interceptor allows for an additional 10 feet of tank depth if desired.

Preliminary screening for environmentally sensitive areas, endangered and threatened species, and cultural and historical resources was completed using the following databases:

1. New York State Department of Environmental Protection (NYSDEC) Environmental Resource Mapper (ERM)
2. New York State Parks, Recreation and Historic Preservation – State Historic Preservation Office (SHPO) Cultural Resource Information System (CRIS)
3. NYSDEC Spill Incidents Database and Remedial Site Database
4. U.S. Fish and Wildlife Information for Planning and Consultation (IPac) Mapper
5. U.S. Fish and Wildlife Service Wetlands Mapper



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NYSDEC ERM: The ERM did not reveal any State of Federal Wetlands, Significant Natural Communities, Streams, or Rare Plants or Animals in the vicinity of the project site.

CRIS: The CRIS search revealed one (1) registered building located approximately 0.3 miles east of the project site at 631 & 683 Northland Ave, named the Niagara Machine and Tool Works factory. Three (3) historic districts have been identified within 0.5 miles of the project site. The Northland-Belt Line Historic District is located approximately 0.2 miles east of the project Site, the Lower Humboldt Parkway Historic District is located 0.15 miles south of the project site, and the Hamlin Park Historic District is located approximately 0.1 miles west of the project site.

NYSDEC Spill Incidents Database and Remedial Site Database:

A review of the NYSDEC Remedial Site Database revealed three (3) environmental cleanup sites within 2,000-feet of the project site. The sites are listed below:

Site Name: Buffalo Foundry & Machine Park of Innovation
Address: 750 EAST FERRY STREET
City: Buffalo Zip: 14211
Site Code: C915392
Program: Brownfield Cleanup Program

The 14.53-acre Buffalo Foundry & Machine Park of Innovation site at 750 East Ferry Street in Buffalo features abandoned industrial buildings built between 1902 and 1920, with asphalt surfaces and grassy areas surrounding them. Scajaquada Creek runs underground through a concrete tunnel beneath the site, and portions of the buildings are leased to third parties, including Habitat for Humanity and Buflovak. Historically, the site was used for manufacturing by the Buffalo Foundry & Machine Co. (BF&MC) and later the Hebel Group, and part of the northern area was reportedly used as a city dump. The site's geology includes fill material, clayey silts, and bedrock, with groundwater flow influenced by the Scajaquada Creek Drain, which directs water from east to west. Based on the information included in a Brownfield Cleanup Program application, the primary contaminants of concern are polycyclic aromatic hydrocarbons (PAHs) in soil. The applicant withdrew their application on June 30, 2023 and the Brownfield Cleanup Agreement was never executed. Based on the flow of groundwater, and the project site's close vicinity, environmental testing during the geotechnical investigation is suggested at this site.

Site Name: Vibratex Inc.
Site Code: 915165
Program: State Superfund Program
Address: 537 East Delavan
City: Buffalo Zip: 14211

The 10.522-acre Vibratex site at 537 East Delavan Avenue in Buffalo features one- and two-story brick



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and steel-frame buildings, with most of the site now consisting of exposed concrete slabs, asphalt, and small grassy areas after a 2017 demolition. Historic operations included the use of underground and above-ground storage tanks, as well as a deep sump initially used for cooling water and possibly later for disposal. The site is zoned for light industrial use, with some buildings currently being renovated or leased for storage. Geologically, the site consists of sandy gravel fill over clayey-silt soils and fractured bedrock, with groundwater flowing south-southwest, influenced by nearby utilities and the Scajaquada Drain. The primary contaminants at the site include chlorinated solvents (TCE, 1,1,1-trichloroethane), 1,4-dioxane, and free-phase petroleum products, primarily in the southern and southwestern areas. Soil and groundwater remediation efforts have occurred, but solvent and petroleum contamination has rebounded in some areas, with ongoing investigations for further contamination. An EPA-led removal of asbestos, PCBs, and mercury-containing materials was completed in 2009, and soil vapor intrusion poses a potential risk for on-site buildings but not off-site. Direct contact with contaminants is unlikely due to building and pavement coverage, and groundwater contamination does not affect the public water supply. Based on the flow of groundwater, and the project site's close vicinity, environmental testing during the geotechnical investigation is suggested at this site.

Site Name: Western New York Workforce Training Center

Site Code: C915310

Program: Brownfield Cleanup Program

Address: 665 and 683 Northland Avenue

City: Buffalo Zip: 14211

The Western New York Workforce Training Center is an 8.548-acre site at 683 Northland Avenue in Buffalo, featuring a 235,000-square-foot building complex with office, manufacturing spaces, and a detached garage. The site is zoned for industrial use, with portions redeveloped for workforce training and manufacturing, and is surrounded by commercial, industrial, and residential properties. Historically, the site was a machine and tool works facility from 1911, leading to contamination from industrial equipment use, and the property was last used for storage before its 2015 purchase. The site has fill material over native soil and bedrock, with groundwater flow directed to the south and southwest. Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and metals in soil and trichloroethylene in soil vapor. Additionally, petroleum product (hydraulic oil) is present in some areas of the on-site bedrock. Remedial actions have successfully achieved site specific soil cleanup objectives for commercial use. Residual contamination in the soil, bedrock, and soil vapor is being managed under a Site Management Plan. Based on the location of this site, it is unlikely this site would impact the project site.

The following spill incidents were identified within 2,000-feet of the project site:



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Spill Number	Date Spill Reported	Spill Name	County	City/Town	Address	Proximity to Site	Status
175286	8/29/2001	HYD.LINE LEAK IN WET WELL	Erie	BUFFALO	759 HUMBOLDT PARKWAY	900-ft SW	Closed
2306008	10/12/2023	ABANDONED DRUMS	Erie	BUFFALO	577 HUMBOLDT PARKWAY	950-ft NW	Closed
2106618	10/14/2021	FIRST STUDENT BUS	Erie	BUFFALO	HUMBOLDT AND E FERRY	730-ft SW	Closed
8804608	8/25/1988	ATLANTIC REFINING	Erie	BUFFALO	1500 FILLMORE	2000-ft S	Closed
9311168	12/14/1993	GENERAL ELECTRIC	Erie	BUFFALO	1489 NORTH FILLMORE	2000-ft S	Closed
9406004	8/2/1994	COLSTON'S MOBIL	Erie	BUFFALO	1507 FILLMORE EAST FERRY	2000-ft S	Closed
9511364	12/8/1995	FORMER GENERAL ELECTRIC	Erie	BUFFALO	1489 FILLMORE AVE	2000-ft S	Closed
9611000	12/6/1996	AM/PM SUN GAS STATION	Erie	BUFFALO	1490 FILLMORE AVENUE	2000-ft S	Closed
9975224	6/21/1999	DRUMS IN STREET	Erie	BUFFALO	2015 FILLMORE AVENUE	2000-ft S	Closed

These spill incident reports are all closed and will not impact the project site.

U.S. Fish and Wildlife Information for Planning and Consultation (IPac) Mapper:

The Sidney St. and Lark St. Site is located within the vicinity of four (4) listed endangered/proposed endangered species: The Northern Long-eared Bat, the Tricolored Bat, the Salamander Mussel, and the Monarch Butterfly. Two (2) protected eagle species, the Bald Eagle and the Golden Eagle, as well as twenty-three (23) migratory bird species listed on the US Fish and Wildlife Service (USFWS) Birds of Conservation Concern list have been identified in the area around to the project site.

U.S. Fish and Wildlife Service Wetlands Mapper:

No wetlands were identified in the vicinity of the Sidney St. and Lark St. project Site.

Required Permits/Reviews Consultations

CORE reviewed a range of local, state, and federal permits and agency consultations to determine applicability to the proposed project. A full list of the permits reviewed are included in Table 1.



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A submission to the NY State Historic Preservation Office (SHPO), Historic Preservation (DHP) of the Office of Parks, Recreation, and Historic Preservation (OPRHP) will be completed for this site. Any above grade control devices installed may need to follow façade and material guidelines required by OPRHP, however it is anticipated a No Adverse Impact Letter will be received. The Sidney St. and Lark St. Site will not require consultation with the NY State Natural Heritage Program (NHP) as the site does not contain a designated significant natural community or contain any species that NYS lists as species of special concern. A consultation will be required through the US Fish and Wildlife Service. There are no state or federal wetlands in the vicinity of the site, and therefore no wetland permitting is required through the NYSDEC or the Army Corps of Engineers.

A State Environmental Quality Review Act (SEQR) review Full Environmental Assessment Form (FEAF) will be completed for this site as the site will be treated as a "Type I" action. BSA will act as the Lead Agency for the Coordinated Review. The following are benchmarks in order of time:

1. Concurrent with the 30% - 60% Design Phase:
 - a. In accordance with the NY State Historic Preservation Office (SHPO) a submission will be made to the Cultural Response Information System (CRIS)
 - b. Consultation will be made through the Information for Planning and Consultation (IPaC) system for the US Fish and Wildlife Service (USFWS).
 - c. CORE will prepare SEQR Full Environmental Assessment Form, Part 1
 - d. BSA to declare Lead Agency for SEQR and circulate notice and EAF Part 1, Part 2, and supporting documentation to other involved agencies (allow 30 days for review).
 - e. CORE to incorporate any comments from involved agencies, resubmit EAFs if required to additional review (allow 30 days for review).
 - f. CORE to prepare EAF Part 3 – Evaluation of the Magnitude and Importance of Project Importance and Determination of Significance

If there is any additional information you require for the application, please contact me at 718-786-4730 or via email at EMT@COREenv.com

Respectfully submitted,
CORE Environmental Consultants, Inc.

A handwritten signature in dark ink, appearing to read "Elizabeth Trampusch", is written over the printed name.

Elizabeth Trampusch, P.E.
Senior Project Engineer

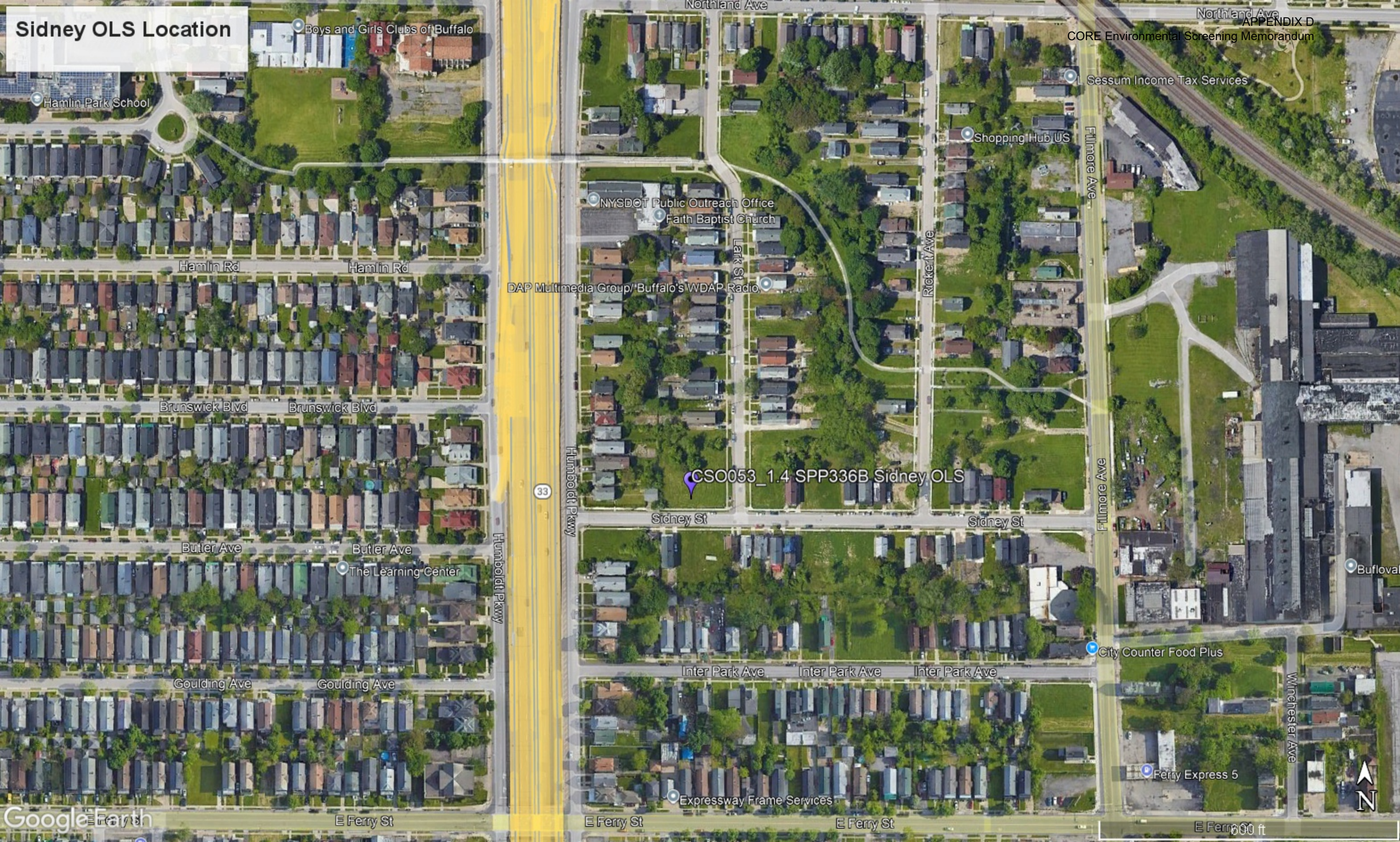


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Attachments:

Site Location Map

Sidney OLS Location



CSO053_1.4 SPP336B Sidney OLS