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MEMO

TO	Megan Kuczka, New York Department of Environmental Conservation
FROM	Leica Microsystems, Inc. and ERM Consulting & Engineering, Inc.
DATE	24 October 2025
REFERENCE	Site No. 915156
SUBJECT	Sewer Sampling Work Plan

Dear Ms. Kuczka:

On behalf of Leica Microsystems, Inc. (Leica), ERM Consulting & Engineering, Inc. (ERM) has prepared this Sewer Sampling Work Plan for the former Leica facility located at 203 Eggert Road in Cheektowaga, New York (the Site). The Site is listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State as Site Number 915156.

BACKGROUND

New York Department of Environmental Conservation (NYSDEC) sent a letter to Leica on 19 August 2025 requesting a remedial alternative to the existing bedrock groundwater extraction system (GWES) to address remaining on- and off-Site contamination. During a meeting on 15 October 2025 between NYSDEC, Leica, and ERM, ERM summarized data collected from 1993 to present in the southeast corner of the Site and discussed potential risks associated with remaining impacts. During the meeting, NYSDEC expressed concern regarding the mobility of remaining volatile organic compounds (VOCs) in the southeast corner of the Site and off-Site. NYSDEC noted that the sanitary and storm sewer utilities located east of the Site represent a potential migration pathway for VOCs in groundwater and requested that Leica re-collect sewer water samples, initially collected in 2020 and discussed in the D*ata Gap Investigation Status Report* (ERM 2022).

In October 2019, ERM conducted a sewer camera study of approximately 3,700 linear feet of the sanitary and storm sewers present east of the Site, running from Sugar Road to the north and Preston Road to the south. Additionally, ERM collected samples from 16 storm and sanitary sewer maintenance holes for analysis of VOCs in September 2020; sample locations are shown on **Figure 1**.

Results of the sewer water investigation indicated predominantly the presence of trichloroethene, cis-1-2-dichloroethene, and chloroform downgradient of the GWES discharge point to the sanitary sewer system (ERM 2022). ERM concluded that chlorinated VOCs present within the sewer system could be attributed to permitted discharges from the GWES to the sanitary sewer or ingress of

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VOC-impacted groundwater to the sewers through deficiencies (e.g., lining failures, pinholes, joint separations, etc.) identified during the camera study.

SCOPE OF WORK

ERM will work with the Town of Cheektowaga Engineering Department to get permission to access the maintenance holes and collect sewer water samples.

Once approval has been obtained, ERM field staff will attempt to collect sewer water samples from the 16 maintenance holes on and east of the Site.[1] ERM field staff will open each maintenance hole and collect a water sample using dedicated bailers. If insufficient water exists for sampling with bailers, ERM will attempt to collect a sample with dedicated polyethylene tubing and a peristaltic pump. Water samples will be collected into laboratory-provided bottles, placed on ice, and submitted to Eurofins Environment Testing under standard chain-of-custody procedures for analysis of chlorinated VOCs by United States Environmental Protection Agency Method 8260C.

DATA QUALITY AND VALIDATION

Laboratory analytical reports will contain Analytical Services Protocol Category B deliverables and electronic data deliverables to facilitate data usability review as required by NYSDEC. A third-party data validator will prepare a Data Usability Summary Report for all samples collected during the investigation, consistent with NYSDEC guidance contained in DER-10 Appendix 2B. The results of the data usability evaluation will be presented in an Electronic Data Summary consistent with the requirements of DER-10 Section 3.14(b). A Site-specific Quality Assurance Project Plan describing sampling, analysis, and quality assurance and quality control procedures to be used during implementation of these investigation activities is included as Appendix G of the *Site Management Plan* (ERM 2020).

SITE-SPECIFIC HEALTH AND SAFETY PLAN

ERM maintains a Site-specific Health and Safety Plan (HASP) for activities conducted at the Site. The procedures set forth in the HASP are designed to minimize the risk of exposure to chemical and physical hazards that may be present at the Site. These procedures conform to applicable federal, state, and local regulations, including Occupational Safety and Health Administration requirements governing activities at hazardous waste sites contained in 29 CFR 1910.120 (Hazardous Waste Operations and Emergency Response). Specific practices and procedures, including the level of personal protective equipment, are based on a review of currently available information for the Site.

Every potential safety hazard associated with this investigation cannot be predicted. The HASP does not attempt to establish rules to cover every contingency that may arise, but it does provide

[1] ERM notes that it is possible that fewer samples may be collected during this sampling event due to the dry conditions in upstate New York present and the unoccupied condition of the Site building. The Site is the first property serviced by this line of the sanitary sewer, so ERM anticipates significantly less flow in 2025 than in 2020 (when the building was occupied).

a basic framework for the safe completion of field activities and plans for reasonable contingencies.

REPORTING

Following receipt of the analytical data, ERM will prepare a letter report consistent with NYSDEC requirements contained in DER-10. ERM will include updated cross sections with recent groundwater elevation data in the vicinity of the sewer corridors.

Sincerely,

Joe Fiacco
Partner

Tim Daniluk
Project Manager

References

ERM. 2020. Site Management Plan. 17 September.

ERM. 2022. *Data Gap Investigation Status Report*. 11 November.

List of Attached Figures

Figure 1: Sewer Water Sample Locations – September 2020

DRAWN BY: GIS

STM-08
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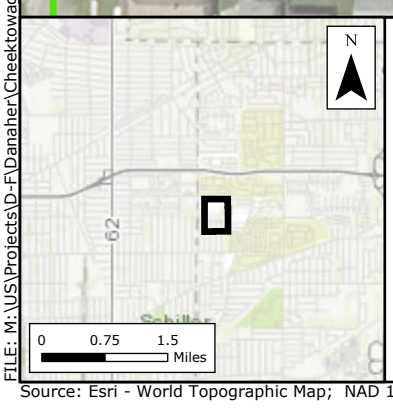

Legend

- Sanitary Sewer
- Stormwater Sewer
- Sewers and Drain Lines
- Building Outline
- Site Property Boundary

Figure 1
Sewer Water Sample Locations - September 2020
Former Leica, Inc. Facility
203 Eggert Road
Cheektowaga, New York

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane New York West FIPS 3103 Feet

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