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an affiliate of Geosyntec Consultants

2025 Site Management Periodic Review Report – Love Canal

NYSDEC Site No. 932020
Love Canal Landfill Site
805 97th Street
Niagara Falls, New York

Prepared for

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1. INTRODUCTION

This report describes the Operation, Maintenance, and Monitoring (OM&M) activities for calendar year 2025 at the Love Canal Landfill (Site) **(Figure 1.1)** located at 805 97th Street in Niagara Falls, New York. Management of the Site is performed by Glenn Springs Holdings, Inc. (GSH), a subsidiary of Occidental Petroleum Corporation (OPC) on behalf of Environmental Resource Holdings LLC (ERH) (successor to Occidental Chemical Corporation and a subsidiary of OPC). Since July 1, 1998, pursuant to the individual Site documents and subsequent approved modifications, GSH has conducted routine monitoring and maintenance programs at the Site. On August 1, 2022, B&B Engineers and Geologists of New York, P.C. (B&B), an affiliate of Geosyntec Consultants, Inc. (Geosyntec), was retained by GSH to perform operation, maintenance, monitoring, and reporting activities for the Site.

The completed 2025 NYSDEC Institutional and Engineering Controls Certification Form is included as **Appendix A**.

2. REMEDIAL SYSTEMS

Operation of the remedial systems to prevent the off-Site migration of chemical contaminants from the Site began in October 1978 with the installation of a barrier drain along the east and west sides of the South Sector of the Canal. The barrier drain was later extended to completely encompass the entire area of disposed waste within the Central and North Sectors of the Canal. The barrier drain, designed to intercept the shallow overburden lateral groundwater flow, consists of a trench approximately 4 feet wide that varies in depth from approximately 12 to 25 feet deep depending on location at the Site. The trench includes 6-inch diameter perforated vitrified clay tile pipe in the Central and North Sectors and either a 6-inch or 8-inch diameter perforated vitrified clay tile in the South Sector. The pipe is centered in a minimum of 2 feet of uniformly sized gravel, which is overlain with coarse sand extending to the existing ground surface present at the time of construction. Thirty-two lateral trenches, approximately 12 to 19 feet deep filled with a minimum of 2 feet of gravel and overlain with coarse sand were installed perpendicular to the barrier drain towards the center of the Canal. The majority of these laterals extend into the disposed waste. The barrier drain is graded from two highpoints, one in the southeast corner and the other in the northeast corner, toward a series of manholes which drain to four pump chambers (PC-1A/PC-2A in the North/Central Sector and PC-1/PC-2 in the South Sector) where the leachate is collected. The collected leachate is pumped from the four pump chambers to two other pump chambers connected to underground holding tanks (PC-3A in the North/Central Sector and PC-3 in the South Sector) where it is temporarily stored. From that point, the leachate is pumped to the on-Site Love Canal Treatment Facility (LCTF) where it is treated with granular activated carbon and then discharged to the Niagara Falls Water Board (NFWB) sanitary sewer system under the Site's Significant Industrial User (SIU) Permit #44. The locations of the remedial system components are illustrated on the Site Plan presented as **Figure 2.1**.

A 22-acre clay cap, installed over the entire former Canal area was completed in October 1980 following installation of the barrier drain collection system. The purpose of the cap is to reduce infiltration of precipitation. The thickness of the clay cap is a minimum of 3 feet. In 1985, a second (40-acre) cap was installed over the initial clay cap area. The cap installed in 1985 consists of a 40-mil high density polyethylene (HDPE) liner covered by 18 inches of clean soil and vegetation.

In March 1999, the adjacent 102nd Street Landfill Site leachate collection system was connected to the Love Canal Site to facilitate the transfer of leachate from the 102nd Street Landfill into Love Canal's pump chamber PC-3 for treatment at the LCTF

2.1 Operations of the Barrier Drain and Collection System

2.1.1 Barrier Drain System

The barrier drain system is designed to collect overburden groundwater (OB GW) and leachate continuously. The system was operational and functioned as designed throughout the calendar year 2025. No major maintenance to the barrier drain was required during the calendar year 2025. Semiannual inspections of the barrier drain components, including manholes and pump chambers,

are required by the Site's NYSDEC-approved Operation and Maintenance (O&M) Manual (CRA, revised March 2015). Inspections of the barrier drain manholes occurred on May 13 and November 20, 2025, while the inspection of the barrier system pump chambers were conducted on May 13 and November 20, 2025. During the May 2025 barrier drain manhole inspection event, a minor accumulation of debris was observed in manholes MH-12A, MH-19A, and MH-5. NAPL was observed in trace amounts on the tip of the water level tape at manholes MH-8, MH-10, MH-9A, MH-3, MH-7, PC-2A, and PC-1A. During the November 2025 barrier drain manhole inspection event, a minor accumulation of debris was observed in manholes MH-4, MH-12A, MH-19A, and MH-5A. NAPL was observed in trace amounts at manholes PC-2A, MH-8/PC2, MH-10, PC-1A, MH-9A, MH-3A, MH-3, MH-7/PC-1, and MH-11. The minor amounts of sediment, debris, and NAPL observed did not warrant any further action and inspections verified that the manhole flumes were flowing freely and required no additional maintenance. The visual inspections were documented on the 2025 Semiannual Inspection Forms, which are presented in **Appendix B**. The manhole locations are presented on **Figure 2.2**.

2.1.2 Pumping System

The barrier drain system consists of two sectors, the Northern/Central Sector and the Southern Sector. Overburden groundwater and leachate from the Northern/Central Sector gravity drains to pump chambers PC-1A and PC-2A where it is pumped to pump chamber PC-3A, while OB GW and leachate from the Southern Sector is pumped from pump chambers PC-1 and PC-2 to the underground storage tank connected to pump chamber PC-3. From pump chambers PC-3 and PC-3A, the OB GW and leachate is then transferred through a below ground metering chamber outside the LCTF on the southeast corner of the building and then into the LCTF for treatment. The pumping system is designed to operate continuously and was operational and functioned as designed throughout the calendar year 2025. Refer to **Figure 2.2** for the locations of the pump chambers.

2.1.3 102nd Street Landfill Forcemain

The leachate forcemain construction used for the transfer of leachate from the 102nd Street Landfill (located south of the Love Canal Landfill) to the LCTF was completed in March 1999. The forcemain begins at the northwest corner of the 102nd Street Landfill and extends northward beneath Buffalo Avenue, LaSalle Expressway, and Frontier Avenue to pump chamber PC-3 at the Site. The 102nd Street Landfill leachate collection system is designed to operate continuously including pumping leachate to the LCTF via the forcemain. The 102nd Street leachate collection system, including the forcemain, was operational and functioned as designed throughout the calendar year 2025. Refer to **Figure 2.2** for the location of the 102nd Street Landfill forcemain.

3. GROUNDWATER TREATMENT AND MONITORING

3.1 Groundwater Treatment

3.1.1 Treatment System

The LCTF consists of clarification, bag filtration, and carbon treatment prior to discharge to the NFWB sanitary sewer system. A process schematic depicting the layout of the treatment system is presented as **Figure 3.1**.

Leachate from the Site is typically treated and discharged on a batch basis to the NFWB sanitary sewer system (i.e., when there is sufficient water in storage, the treatment system is operated); however, under seasonal high flow conditions, the LCTF is capable of being operated continuously. The discharge is authorized under the Site's SIU Permit #44. The current permit is valid from January 9, 2025 to January 9, 2030. A copy of the current NFWB permit is included as **Appendix C**.

3.1.2 Effluent Discharge

The LCTF discharged to the NFWB sanitary sewer system on 91 days in 2025 compared to 128 days of operation in 2024. There was no discharge from LCTF in September and October 2025 for an activated carbon exchange, cleaning of the carbon bed tank, and a lack of water to treat (seasonal low groundwater conditions).

Under high stormwater flow events, the NFWB periodically requires that the LCTF temporarily cease discharging to the sewer system. During an event of this type, the barrier drain pumping system will continue to operate and maintain a protective inward hydraulic gradient to capture leachate. The NFWB asked for the LCTF to be shut down June 26, 2025 due to a recent heavy rain event (~1.75-inches of precipitation fell during the morning over a 2-hr period).

In calendar year 2025, the LCTF processed a total of 3,094,469 gallons of OB GW and leachate. In comparison, the LCTF processed a total of 3,840,749 gallons of OB GW and leachate in 2024. The 2025 process volume total was comprised of 3,040,443 gallons of OB GW and leachate from Love Canal and 54,026 gallons of OB GW and leachate from the 102nd Street Landfill.

Table 3.1 shows the monthly total and average treated quantities from 1999 through 2025.

3.1.3 Effluent Sampling

Sampling of the effluent discharged to the NFWB sanitary sewer system occurred quarterly as required under the Site's SIU Discharge Permit #44. In accordance with the SIU permit, the quarterly monitoring periods for calendar year 2025 were as follows:

- Quarter 1: December 1, 2024 – February 28, 2025
- Quarter 2: March 1, 2025 – May 31, 2025
- Quarter 3: June 1, 2025 – August 31, 2025

- Quarter 4: September 1, 2025 – November 30, 2025

The quarterly effluent sampling for 2025 was performed on January 7, 2025, March 31, 2025, June 30, 2025, and November 10, 2025. The sample results were submitted quarterly to the NFWB, as required by the permit, and the NYSDEC. The results for each event were compliant with the requirements of the Site's SIU permit.

3.1.4 Precipitation

In calendar year 2025, precipitation in the Niagara Falls region totaled 30.89 inches (Niagara Falls, National Climatic Data Center), which is greater than the 2024 precipitation level (26.60 inches) and less than the average precipitation for the last 20 years which is 32.02 inches. Although precipitation amounts were 4.29 inches more than 2024, the amount of OB GW and leachate processed in 2025 (3,094,469 gallons) was less than the quantity processed in 2024 (3,840,749 gallons). The precipitation and the OB GW/leachate volumes are consistent with historical trends; **Chart 3.1** provides 27-years of historical regional precipitation data from 1999 through 2025 (column graphs) along with line graphs depicting 27 years of 102nd Street LF flow, Love Canal LF flow and Love Canal total effluent data.

3.2 Groundwater Monitoring

Groundwater monitoring consists of both chemical monitoring and hydraulic monitoring. Chemical monitoring is performed to determine groundwater quality in both the overburden and bedrock. Hydraulic monitoring of the overburden is performed to demonstrate that hydraulic containment is being maintained by the barrier drain, while hydraulic monitoring of the bedrock is performed to illustrate the groundwater potentiometric surface. It should be noted that overburden and bedrock groundwater flow regimes are hydraulically separated by relatively impermeable clay and till in the lower portion of the overburden.

Monitoring and analytical protocols for the Site's groundwater monitoring program have been established and are set forth in the "*Sampling Manual, Love Canal Site, Long-Term Groundwater Monitoring Program*

A discussion of the hydraulic and chemical monitoring results for calendar year 2025 are presented in the following sections.

3.2.1 Groundwater Quality

Chemical monitoring is performed annually by sampling select overburden and bedrock monitoring wells at the Site. On March 25, 2009, the NYSDEC communicated via email to GSH that the NYSDEC would no longer be providing an annual well sampling list for chemical monitoring and directed GSH to use the wells sampled in 2007 and 2008 for all future sampling events. Subsequent discussions between GSH and the NYSDEC regarding the well sampling list led to this decision being documented in an August 5, 2010, memo titled "*Love Canal Annual Groundwater Sampling Schedule*" (a copy is attached in **Appendix D**).

It should be noted that several additional changes to the well monitoring list have occurred since the 2009 NYSDEC communication. Those changes include:

- Overburden Well 3151 is included on the **Appendix D** list; however, this well was noted in 2007 as "*Well no longer available – destroyed*" and could not be located. Therefore, this well has not been sampled since 2007.
- Overburden Well 10178A and Bedrock Wells MW-01 and MW-02 were added to the annual sampling program in 2011.
- The sampling frequency for Overburden Well 10178A became annual in 2016.
- Overburden Well 10178B was added in April 2022 to the annual monitoring program to monitor groundwater quality in the vicinity of overburden well 10135.

The calendar year 2025 annual groundwater chemical monitoring event was performed between June 9 and June 16, 2025. Forty-two (42) monitoring wells comprised of 22 overburden and 20 bedrock monitoring wells were sampled for the 2025 annual groundwater chemical monitoring event. The wells sampled for the annual event are as follows:

- **Overburden wells:**
  - Biennial Wells

7120	7155	7161	8110
8120	8130	8140	9110
9115	9120	9125	9130
9140	10105	10147	10174A

  - Annual Wells

7130	7132	8106	10135
10178A	10178B		

- **Bedrock wells:**
  - Annual Wells

3257	5221	6209	7205
8210	9205	9210	10205
10210A	10210B	10210C	10215
10225A	10225B	10225C	10270
10272	10278	MW-01	MW-02

As a component of the LTGMP, the NYSDEC has the option of observing sampling activities as well as collecting split samples during the annual sampling event and having those samples analyzed independently to verify the quality of the data collected by GSH. Based on a review of split sample data from 1995 to 2013, the NYSDEC concluded that there was no difference between

the data sets and, therefore, split sampling was no longer required. No split samples were collected by the NYSDEC during the 2025 annual sampling event. The NYSDEC did not observe the groundwater sampling activities in 2025.

Groundwater samples were submitted to ALS Environmental Group USA, Corp (ALS) located in Rochester, New York. ALS is a New York State Department of Health (NYSDOH) approved laboratory certified under the National Environmental Laboratory Approval Program (NELAP) (NELAP New York ID # 10145). The samples were analyzed for the following suite of parameters following the indicated United Stated Environmental Protection Agency (USEPA) laboratory methodology:

- Site-specific volatile organic compounds (VOCs)
- Semi-volatile organic compounds (SVOCs) USEPA SW 846 8270D
- Pesticides USEPA SW 846 8081B
- Polychlorinated biphenyls (PCBs) USEPA SW 846 8082A

The raw data laboratory packages are presented in **Appendix E**. A GHD chemist performed the analytical Quality Assurance/Quality Control (QA/QC) review and data validation. The QA/QC report for this event is presented in **Appendix F**.

Figure 3.2 shows the monitoring locations (piezometers and groundwater wells) that were sampled in 2025 and their locations in relation to the waste and the collection trench. **Table 3.2** provides a summary of the overburden wells that were sampled, the analytical data, and a summation of the number of compounds detected at or greater than the detection limits in each well. **Table 3.3** provides a summary of the bedrock wells that were sampled, the analytical data, and a summation of the number of compounds detected at or greater than the detection limits in each well. These tables also include a comparison of the detected concentrations to the NYSDEC's New York State (NYS) Class GA Groundwater Standards (Class GA Groundwater Standards) [NYSGQS] set forth in the Division of Water "*Technical and Operational Guidance Series (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations"* (TOGS 1.1.1) (June 1998). Concentrations that exceed their respective Class GA Groundwater Standard are highlighted. Class GA standard and guidance values are used for comparison for this Site although the groundwater at the Site is not a source of drinking. Groundwater/surface water interfaces on Site and the groundwater flow direction is towards the Niagara River, which is a drinking water source for the area. Therefore, the groundwater from the Site is potentially a non-direct drinking water source making the Class GA standard and guidance values applicable. **Table 3.4** presents the number of discrete compounds detected in each individual well sampled, arranged by parameter group. This table also presents the total number of detections in the overburden and in the bedrock, as well as the total number of discrete compounds detected in the overburden in its entirety and the total number of discrete compounds detected in the bedrock in its entirety. **Table 3.4** condenses the laboratory data into a simple impacted versus non-impacted approach which provides a quick summary of wells with impacts making it easier to identify

potential trends year-over-year, allowing for the quick identification of potential migration, if any. **Appendix G** provides the monitoring well purge and sampling logs. **Table 3.5** provides a summary of the bedrock and overburden wells sampled in 2025 and their corresponding depth to groundwater, installed well depth, and groundwater elevations.

3.2.1.1 Overburden Monitoring Control

A review of the 2025 groundwater sampling event analytical results for the overburden monitoring wells (**Table 3.2**) indicates that the results are consistent with previous long-term monitoring analytical results. The analytical results were non-detect or were detected at low levels consistent with concentrations detected during previous monitoring events. Overburden monitoring wells 7161, 10178A, 10178B, and 10135 had concentrations for alpha-BHC that were greater than the NYSDEC Class GA Groundwater Standards for alpha-BHC (0.01 µg/L) during the June 2025 sampling event. Alpha-BHC has been detected sporadically at low concentrations in each of these wells over the past 20 years, and the low level detections observed in June 2025 are consistent with historical results. Concentrations of VOCs, SVOCs, and pesticides exceeding the NYSDEC Class GA Groundwater Standards were identified in well 10135 (refer to **Table 3.2** for parameters exceeding the Class GA Standards). This impacted water is captured by the Site's barrier drain collection system, as discussed below.

Hydraulic Evaluation of Well 10135

Historically, well 10135 has had the most detected compounds and the highest concentrations detected. This well is located in the southwestern portion of the Site within the fenced boundaries of the Site. Although located outside the barrier drain, well 10135 is within the influence of the barrier drain based on hydraulic monitoring conducted at well 10135 and at the adjacent nested piezometer string 1160, as demonstrated in **Table 3.8** and on **Figures 3.5** (1160 cross-section) and **3.9a, 3.9b, 3.9c** and **3.9d** (quarterly groundwater contours for overburden), and as further discussed in Section 3.2.2.

As stated in the LTGMP, well 10135, located in an isolated area of known contamination, is sampled as an indicator well. A trend analysis of contaminants detected in well 10135 for the years 1990 through 2019 was performed and presented in the 2019 PRR. Based on the demonstrated long-term stability of parameter concentrations in well 10135 and its presence within the influence of the barrier drain, it was concluded, with NYSDEC concurrence, that no further trend analysis for this well was warranted. The contaminants detected in well 10135 in 2025 were consistent with historical concentrations.

As requested by the NYSDEC in an April 14, 2022 letter, well 10178B was sampled in the 2022 annual sampling event. The purpose of sampling well 10178B was to provide additional support that impacts identified in monitoring well 10135 are contained by the groundwater collection and treatment system. The 2022 analytical results at well 10178B were non-detect for all constituents. Wells 10178A and 10178B have been added to the annual groundwater monitoring program to

monitor and verify there is no outward migration from well 10135 and water in that vicinity is captured in the collection drain.

Estimated concentrations of alpha-BHC exceeding the NYSDEC Class GA Groundwater Standard of 0.01 µg/L were detected in wells 10178A, and 10178B at 0.035 µg/L, and 0.042 µg/L respectively, however, the results are consistent with historical detections in these wells and are two orders of magnitude less than concentrations in well 10135. A comparison of the results is summarized below:

	Well Locations			
Parameter	10135	10135 (duplicate)	10178A	10178B
α-BHC	5.0 µg/L (est.)	4.3 µg/L	0.035 µg/L (est.)	0.042 µg/L (est.)

The results for 10178A and 10178B were non-detect for VOCs and SVOCs; therefore, confirming that there is no outward migration from 10135 and that groundwater in the area of 10135 is being captured by the barrier drain.

3.2.1.2 Bedrock Monitoring Wells

A review of the 2025 groundwater analytical results for the bedrock monitoring wells (**Table 3.3**) indicates that the results are consistent with previous long-term monitoring analytical results. Parameter concentrations were either non-detect or detected at low levels consistent with concentrations detected during previous monitoring events. **Table 3.4** presents a summary of detections for each well sampled, arranged by parameter group.

Six of the 20 wells sampled during the June 2025 event had detections. Most were low level detections in bedrock groundwater that are consistent with historical detections at the Site and are not indicative of chemical migration. Of the six wells with detections (10210A, 10210B, 10225A, 1025B, 10225C, and MW-1, two of the wells had concentrations greater than a Class GA standard. Well 10225A had a concentration for alpha-BHC (0.087 µg/L) and gamma-BHC (0.059 µg/L) greater than the Class GA standards of 0.4 µg/L and 0.05 µg/L, respectively. Well 10225C had a detection of trichloroethene at 5.3 µg/L, which is greater than the corresponding Class GA standard of 5 µg/L. Refer to **Table 3.3** for the laboratory results.

3.2.1.3 Historical Compound Detections

Table 3.6 presents a summary of historical and current VOC, SVOC, and pesticide concentrations for bedrock wells 10210A, 10210B, 10210C, and overburden well 10135 compared to the Class GA standards from 1990 to 2025. The data from these four wells are presented because they have the most consistent historical record of compound detections compared to the other overburden and bedrock wells. As discussed in Sections 3.2.1.1 and 3.2.1.2, data from the additional Site wells

not presented in **Table 3.6** are typically non-detect or demonstrate sporadic low-level detections and, therefore, do not present useful data in regard to a discussion of historical analytical trends at the Site. An evaluation of the 2025 sampling data for the four wells mentioned above indicates that the compounds detected in 2025 are present at sporadic low- level concentrations or concentrations consistent with historical trends.

3.2.2 Hydraulic Containment

Hydraulic monitoring within the overburden consists of water level measurements conducted quarterly at six nested piezometer strings (1140, 1150, 1160, 1170, 1180, and 1190) per the NYSDEC-approved LTGMP, as well as NYSDEC-requested water level measurements collected from four wells (7161, 9130, 9140, and 10135) to demonstrate the hydraulic containment created by the barrier drain. Well 10135 was added to the hydraulic monitoring program during the first quarter of 2020, as per the United States Environmental Protection Agency's (USEPA's) recommendation in its Fourth Five-Year Review Report for the Site, in order to demonstrate that this well is within the hydraulic influence of the barrier drain. In 2025, water levels were measured on March 3rd, June 2nd, September 4th, and December 3rd. The water level data for the six nested piezometer strings are presented in **Tables 3.7A** to **3.7F**. The wells on the tables are ordered from left to right on the table, beginning with the well furthest from the outside of the barrier drain to the well inside the area enclosed by the barrier drain. They are also ordered based on screen depth corresponding with the overburden geologic stratum (e.g., fractured clay, soft clay, and glacial till) as requested by NYSDEC in its letter dated October 21, 2016. **Figures 3.3** to **3.8** show the overburden groundwater flow conditions for all four quarters at the six nested piezometers string locations based on geologic stratum consistent with the above. An overburden groundwater potentiometric contour figure was prepared for each quarterly hydraulic monitoring event using the quarterly water elevations from the six nested piezometer strings, overburden well 10176C, and the five additional overburden wells (7161, 9130, 9140, and 10135) as requested by NYSDEC and USEPA. As requested by the USEPA in its Fourth Five-Year Review Report for the Site and agreed to by the NYSDEC, a bedrock groundwater potentiometric contour figure for each quarterly hydraulic monitoring event was prepared using the quarterly bedrock water elevations from the seven bedrock monitoring wells included in the hydraulic monitoring program. The groundwater contour figures for the overburden and bedrock are presented as **Figures 3.9a** through **3.9d** and **3.10a** through **3.10d**, respectively. The overburden groundwater contours represent the hydraulic conditions for the “soft clay” geological unit with the exception at well 1183B which represents the “fractured clay” geological unit since there is no “soft clay” unit present at that location.

The overburden groundwater contour figures (**Figures 3.9a** through **3.9d**) and **Tables 3.7A** to **3.7F** illustrate that there is a minimum of 1.04 feet of inward gradient outside of the barrier drain at each of the six nested piezometer strings in the various geologic units. The term "feet of inward gradient" means the minimum difference in groundwater elevation between the wells on the outside of the barrier drain and the water level within the barrier drain, with the water level within the barrier drain representing the lowest water level elevation. The water level within the barrier drain is based on the designed pipe invert elevation specific to each piezometer string location.

This comparison in water levels demonstrates that groundwater on the outside of the barrier drain (off-Site groundwater) is flowing toward and downward into the barrier drain. Based on the water level data from the six nested piezometer strings, an inward gradient can be inferred to exist around the collection drain system, demonstrating that the horizontal groundwater flow direction outside of the barrier drain is towards the barrier drain. A review of **Figures 3.9a** through **3.9d** show that groundwater flow on the inside of the barrier drain within the "soft clay" geological unit is also towards the barrier drain. Therefore, the barrier drain and lateral trenches are capturing leachate from the landfill area and a portion of overburden groundwater outside the barrier drain, thereby preventing off-Site migration of chemicals and preventing off-Site groundwater adjacent to the barrier drain from migrating into the landfill area.

Table 3.8 presents the 2025 quarterly groundwater elevations measured in well 10135 and in piezometers1165A, 1163A, and 1161E. The 1160 piezometer string is the closest piezometer string to well 10135, and piezometers 1165A, 1163A, and 1161E are screened in the same stratigraphic unit as well 10135 (soft clay). Piezometer 1165A and well 10135 are approximately the same horizontal distance from the barrier drain. As shown in **Table 3.8**, the quarterly groundwater elevations measured in well 10135 were lower than the groundwater elevations measured in piezometer 1165A during all four quarters in 2025. Groundwater elevations measured in piezometer 1165A were higher than the barrier drain during all four quarters. Therefore, since there was an inward gradient extending from piezometer 1165A towards the barrier drain, it is reasonable to conclude that there is also an inward gradient extending from well 10135 towards the barrier drain. A review of the quarterly hydraulic data for the 1160 piezometer string indicates that an inward gradient from piezometer 1165 towards the barrier drain existed during all four quarters of 2025 and thereby an inward gradient existed for all four quarters at well 10135. Based on the inward gradient, chemical impacts identified at well 10135 are being captured by the barrier drain (i.e., well 10135 is hydraulically contained). In addition, a review of piezometer 1165A hydraulic data and the barrier drain (presented on **Table 3.7c**) indicates an inward hydraulic gradient differential of 11.63 feet, 11.99 feet, 11.16 feet and 10.75 feet for the March, June, September, and December hydraulic monitoring events, respectively. The hydraulic gradient differential is the difference in elevation between piezometer 1165 and the barrier drain. Piezometer 1165 is approximately 100 feet from the barrier drain which would result in an inward gradient of approximately 0.1163 ft/ft, 0.1199 ft/ft, 0.1116 ft/ft, and 0.1075 ft/ft or a percent downward slope of approximately 10 to 12 percent for the respective four quarters.

As demonstrated on **Figures 3.10a** through **3.10d**, groundwater in the bedrock was generally flowing from east to west across the Site during the four quarterly hydraulic monitoring events.

Monitoring will continue during 2026 as per the NYSDEC-approved LTGMP, and well 10135 will continue to be monitored during the quarterly hydraulic monitoring events.

3.2.3 Colvin Boulevard Sewer System NAPL Presence

Overburden monitoring well MW-3 was installed on July 1, 2011, within the bedding material of a newly repaired sanitary sewer line on Colvin Boulevard (**Figure 2.1**). The purpose of this well

was to monitor for the presence of residual nonaqueous phase liquid (NAPL) similar to that observed in the bedding material during construction/repair activities. Following well development, MW-3 was monitored for the presence of NAPL on a weekly basis beginning July 19, 2011 and ending on October 7, 2011. No NAPL or visible sheen was detected during the weekly monitoring events. Based on the results, it was concluded that the NAPL that had been observed sporadically during the sewer repair activities was likely limited in volume and mobility. As such, in the report "*Colvin Boulevard Sewer Repair Supplemental Subsurface Investigation Report, Colvin Boulevard and 96th Street*," dated October 2011, GSH recommended/requested that additional monitoring of MW-3 be continued on a quarterly basis. The NYSDEC approved this request in a letter dated June 5, 2012. The last weekly monitoring event was conducted on August 3, 2012.

Well MW-3 has been monitored on a quarterly basis for the presence of NAPL since November 5, 2012. To date, no NAPL or visible sheen has been detected in this well. As requested by the NYSDEC in an email dated August 10, 2018, the dates of all previous quarterly NAPL checks at MW-3 were included in the 2018 PRR. In 2025, the quarterly NAPL checks at MW-3 were conducted on March 3rd, June 2nd, September 4th, and December 3rd. No NAPL or visible sheen was observed.

3.2.4 Well Maintenance

The 2025 well inspections did not identify a need for maintenance on any wells at the Site such as new well pads or protective casings. However, every well, both on- and off Site were painted and new labels applied to them. The wells used in the chemical or hydraulic monitoring program were painted dark green and new labels were applied to each well. New locks were installed on wells as needed. In addition, all wells currently not used in the chemical or hydraulic monitoring program were also painted (black) and new locks installed, as needed.

3.2.4.1 Well Maintenance-Hydraulic Conditions Evaluation

In the NYSDEC's April 30, 2025, comment letter for the 2024 Periodic Review Report (PRR) for the Love Canal Site (Geosyntec, January 30, 202; revised May 30, 2025), the Department requested,

> " *…[Comment] 6)Appendix G: The monitoring well purge and sample logs are missing the constructed well depth and measured well depth. Per Field Procedure FP-09A: Well Purging, "compare the total depth to the previously recorded depth shown to ensure the correct well is being monitored. This measurement also provides an indication regarding "silting up of the well". It is requested that the measured depth is compared to the constructed depth during groundwater sampling events and at least one hydraulic measurement event per year.*

The annual groundwater sampling (June 9 through 16, 2025) occurred prior to receipt of the 2024 PRR approval letter (August 4, 2025) from the Department, however, bottom depths were

collected during the annual well inspection from July 7 through 14, 2025 and a comparison of the measured bottom depths versus the constructed bottoms depths is presented in **Table 3.9.**

To satisfy the intent of the Departments' request to compare measured depths to constructed depths during at least one hydraulic event, bottom depths were measured during the third quarter hydraulic monitoring event (September 4, 2025) (**Appendix H**), and a comparison of the measured bottom depths versus the constructed bottom depths was completed and are also presented in **Table 3.9**.

While preparing **Table 3.9**, it was discovered that some historical information (i.e., boring logs, well construction information, etc.) was not available. GSH continues to search the data archives for additional well-construction information, however based on the available information and the well depth comparison presented on **Table 3.9,** GSH is recommending two options for well information and maintenance at Site depending on whether there appears to be any sediment at the bottom of the well. Those options are:

- **Option 1: Redevelopment and survey** – per the locations indicated on **Table 3.9**, the well would be redeveloped to remove sediments to the extent possible and the well location resurveyed after cleaning. A licensed surveyor would complete the survey work, and the survey would include geolocation of the well (northing and easting), ground elevation, well pad elevation, top of protective casing elevation, and top of inner casing elevation (this is where water levels would be measured from each time). Geosyntec would accompany the surveyor to collect the bottom depth for recording at the time of the survey. All elevation data will be collected to the nearest 0.01 foot.
- **Option 2: Survey only** - per the locations indicated on **Table 3.9**, the well would be resurveyed. No redevelopment of the well will be included for this option since based on the evaluation completed for **Table 3.9**, a number of wells had very minor differences in bottom depths (i.e., constructed depth versus measured depth). A licensed surveyor would complete the survey work, and the survey would include geolocation of the well (northing and easting), ground elevation, well pad elevation, top of protective casing elevation, and top of inner casing elevation (this is where water levels would be measured from each time). Geosyntec would accompany the surveyor to collect the bottom depth for recording. All elevation data will be collected to the nearest 0.01 foot.

3.2.5 Summary of Treatment and Monitoring Results

The volume of effluent discharged from the LCTF decreased from 3,840,749 gallons in 2024 to 3,094,469 gallons in 2025. There was no discharge from LCTF in September and October 2025 due to the system being offline for a carbon bed change, cleaning of the carbon bed tank, and a lack of water to treat (seasonal low groundwater conditions). Quarterly sampling and analysis results submitted to both the NFWB and NYSDEC indicated that all chemistry detected in the effluent samples for each event was either non-detect or present at very low levels within historical ranges and in compliance with the Site's SIU Discharge Permit #44 discharge limits.

The inward hydraulic gradient observed at each of the six nested piezometer strings demonstrates that the barrier drain is effectively capturing leachate and overburden groundwater from the Site overburden and preventing off-Site migration of chemicals. The analytical results from the monitoring wells sampled indicate that compounds were either not detected or were detected at low levels below or consistent with concentrations from previous years (with the exception of groundwater from well 10135, discussed in Section 3.2.1.1), further illustrating containment. The detections in bedrock groundwater identified in 2025 are consistent with historical detections at the Site and are not indicative of chemical migration.

The presence of an overall inward hydraulic gradient towards the barrier drain and a review of groundwater quality for the groundwater monitoring wells demonstrate overall Site containment is being achieved.

4. ACTIVITIES

Summaries of activities and repairs performed in 2025 are presented below.

4.1 Process Activities

Process activities that occurred during the year included the following:

- Removal and disposal of hazardous waste,
- Changed filter bags as needed,
- Repaired admin building backflow valve,
- Replaced the transfer tank valve,
- Repaired the DCF-4 vault door hydraulic assist arm,
- Flow meter calibration check,
- Replaced DCF-3 level sensor,
- Completed a carbon change,
- Cleaned and inspected carbon tank V1

4.2 Non-Process Activities

Non-process activities that occurred during the year included the following:

- Performance of preventative maintenance,
- Grass cutting and flower bed maintenance,
- Heating and cooling system maintenance,
- Painted wells and replaced well labels,
- Installed snow fence,
- Painted treatment operator office,
- Replaced ceiling tiles in treatment office,
- Leveled low spots on cap and by pump chambers,
- Paved low spots and potholes on road,
- Disposed of electronic waste,
- Landscaping improvements along 95th Street and Colvin Boulevard,
- Tree removal along east side and north of drum barn,
- Department of Homeland Security fire inspection

4.3 Community Outreach

Community Outreach programs have included such activities as beautification of the area surrounding the Site and tours of the facility.

4.3.1 Beautification

The following beautification activities were conducted at Love Canal in 2025:

- Maintenance and landscaping of the Site and surrounding areas
- Maintenance of flower beds and shrubs along Colvin Boulevard, 95th Street, and Frontier Avenue
- Clean-up of discarded debris along fence lines and removal of vines from fence lines

4.3.2 Tours

Tours of the facility have been given throughout the years to representatives of various environmental agencies (domestic and foreign) and educational groups. The tours include an informational orientation accompanied with visual aids, followed by a guided tour of the treatment facility and landfill. No tours were given in 2025.

4.3.3 Communications

All required reports were prepared and submitted to various agencies throughout the year. Reports included the *2024 Annual Hazardous Waste Report* to the NYSDEC, the *2024 Periodic Review Report* (formerly titled the *Annual Operations and Monitoring Report*) to various agencies, quarterly SIU analytical reports to the NFWB and NYSDEC, and monthly SIU reports to the NFWB.

The *Love Canal Annual Newsletter* for 2025 was issued to surrounding citizens and agencies in April 2025. The report summarizes items such as the amount of groundwater treated on Site and then discharged to NFWB's sanitary sewer system, maintenance activities, and other non-operational activities for the year.

4.4 Waste Generation

Throughout 2025, both hazardous and nonhazardous waste was generated from various activities and disposed of off Site in accordance with applicable laws and regulations.

The tracking of hazardous waste is performed by regulated hazardous waste manifests. A summary of the Site's annual hazardous waste generation is reported to the NYSDEC in the *Annual Hazardous Waste Report*. The *Annual Hazardous Waste Report* summarizes the quantities, transporters, and disposal methods.

A total of approximately 35,240 pounds of hazardous waste was generated from the activities listed below.

- Two 20-yard roll-offs of spent carbon (15,600 and 19,640 pounds of spent carbon each)

Also, in the 2024 PRR, it was noted that waste generated in 2024 was still in transit to the disposal facilities. A total of approximately 7,840 pounds of hazardous waste was received at Clean Harbors Aragonite, Utah facility on February 4, 2025, that was generated from 2024 activities. The waste consisted of 13 drums of sludge and 4 drums of personal protective equipment (PPE) from the tank and vault cleaning activities completed late in 2024.

The waste materials were sent off Site for disposal in accordance with applicable laws and regulations. Wastes generated in 2025 were disposed through incineration by Clean Harbors at their Aragonite, Utah facility. Copies of the waste disposal manifests for the two roll-offs of spent carbon are included in **Appendix I**. All waste was shipped within the 90-day storage limit.

4.5 Routine Operations, Inspection and Monitoring

A daily inspection of the system operations was performed for each weekday in 2025 in accordance with the O&M Manual for the Love Canal Site, dated March 2015. Inspection records are available upon request.

Monthly inspections, including fire extinguishers and carbon vapor phase vents (Ventsorb® drums) for breakthrough were also completed in accordance with the O&M Manual. Inspection records are available upon request. The 13 Ventsorb® drums were non-detect during all monthly readings.

Semiannual inspection of the landfill cap surface (**Appendix B**) was conducted on June 5, 2025 and November 20, 2025 No issues of significance were identified.

The NFWB performed an annual inspection of the LCTF on February 17, 2025, and performed verification sampling of the effluent discharge on March 28, 2025 The inspection and the annual effluent verification sampling concluded that the Site is being maintained and operated in accordance with the Site's SIU discharge permit and other local, State, and Federal requirements. The completed NFWB 2025 Inspection Form is included as **Appendix J**.

The backflow preventer system on the potable water supply lines was inspected and tested by CamTech Plumbing and Mechanical Inc. (CamTech) on March 11, 2025. CamTech is licensed and certified by the NFWB to perform the backflow preventer system inspections. All five backflow prevention devices were found to be operational with no maintenance required. A copy of the *2025 Test and Maintenance of Backflow Prevention Device Report* for each device is presented in **Appendix K**.

The annual fire system inspection was conducted on August 11, 2025 by the New York State Division of Homeland Security's Office of Fire Prevention and Control. No issues were identified.

On November 14, 2025, the NYSDEC's Division of Materials Management/RCRA conducted a Hazardous Waste Compliance inspection of the facility to evaluate compliance with the New York

State Hazardous Waste Regulations (6 NYCRR Parts 370-374 and 376). No violations were observed during the inspection. A copy of the NYSDEC Inspection letter is attached in **Appendix L.**

4.6 Cap Maintenance

Per Comment 5 of the NYSDEC's April 30, 2025, comment letter for the 2024 Periodic Review Report (PRR) for the Love Canal Site (submitted January 30, 2025, and revised and submitted August 4, 2025), the Department commented, "…*There were observed signs of burrowing animals around buildings and the north side of the pump chambers PC-1A and PC-2A. Any burrow holes in the landfill cap should be filed in with approved soil/fill. Additionally, some areas of settlement were observed in the landfill cap, please further evaluate the need for repair or grading to prevent ponding water*…".

In response to the Departments request, during the week of September 8, 2025, Graham Bros Property Services of North Tonawanda, New York completed re-grading activities at 3 locations on the north end of the landfill where three (3) areas where surface water (i.e., precipitation) had been observed to be ponding on the surface of the cap. some settlement had been observed during the semi-annual manhole inspections.

The scope of work included mowing the areas to be re-graded closely, placement of screened topsoil, and hydroseeding of the areas. **Figure 4.1** shows the location of the 3 areas that were re-graded. In addition to re-grading these three areas, the Departments comment also asked that areas near pump chambers PC-1A and PC-2A, where there were signs of possible burrowing animals, also be filled in with topsoil and seeded.

During the week of September 8, 2025, approximately 70 cubic yards of screened topsoil was staged in the lawn area north of the drum barn from where it was transported to the 3 areas via a single-axle truck with a small 5-yard dump bed. The topsoil was delivered to the Site from C.J. Krantz Organics located at 560 Smith Road, East Amherst, New York. (see **Appendix M** for NYSDEC Import Soil Approval Letter). Once the material was placed in the areas, it was rough graded to the surrounding cap using a large farm tractor with a front loader and then fine graded level using hand tools (i.e., rakes and shovels).

For the areas near pumping chambers PC-1A and PC-2A, the topsoil was placed and graded manually.

The re-grading and hydroseeding activities took approximately 5-days to complete and covered a combined area of approximately 2,500 square feet. A photolog of the regrading work is provided in **Appendix N**.

5. CONCLUSION

The calendar year 2025 monitoring results show that there has been no significant change in chemical concentration or hydraulic conditions and that the barrier drain system is successfully capturing overburden groundwater and leachate from the Site and preventing off-Site migration of contamination.

The barrier drain continues to create an inward hydraulic gradient and capture overburden groundwater and leachate from the Site, preventing off-Site migration of chemicals, as evidenced by the groundwater gradients depicted on **Figures 3.3** to **3.9a** through **3.9d** and analytical data from observation wells around the perimeter of the Site. The barrier drain collection system is functioning as designed based on groundwater monitoring results.

The treatment system is functioning as designed based on inspections and sampling completed by the NFWB, inspections by the NYSDEC, and sampling by GSH. Effluent quality is compliant with the Site's NFWB SIU discharge permit. There were 3,094,469 gallons of leachate collected, treated, and discharged from the Site, of which 3,040,443 gallons of leachate were collected from Love Canal, and 54,026 gallons were collected from the 102nd Street Site and pumped to the LCTF for treatment. Monitoring results continue to confirm that the remediation and containment system (i.e., the leachate collection and treatment system) is functioning as designed.

6. RECOMMENDATIONS

GSH is recommending no changes to the chemical monitoring or site maintenance programs at this time except for the well maintenance outlined in this Section. GSH is recommending three changes to the operations monitoring programs conducted at the Site.

6.1 Operations Monitoring Recommendations

GSH is recommending three changes to the operations monitoring programs conducted at the Site. The three recommendations are:

- Reduce frequency of breakthrough monitoring of the 13 vapor phase carbon drums (Ventsorb® drums) from once per month to once per quarter,
- Reduce the frequency of daily inspections to twice weekly, and
- Eliminate the Colvin Boulevard Sewer System NAPL Presence check and properly abandon the well (MW-3) in accordance with applicable local, State and Federal regulations.

Each of the recommendations is further discussed below.

Recommendation 1 – Ventsorb® Monitoring

GSH is recommending reducing the monitoring frequency for the 13 vapor phase Ventsorb® drums from the existing monthly schedule to once per quarter. Currently the 13 Ventsorb® drums are positioned throughout the Site and are monitored monthly for breakthrough using a portable PID meter.

GSH requests that monthly inspections of the Site no longer include checking the vapor phase carbon Ventsorb® drums for breakthrough using a photoionization detector (PID). Inspections of the vapor phase adsorbent carbon have been completed monthly since the implementation of the 2002 *Love Canal Operation and Maintenance Manual* with no issues noted typically. The PID measurements have consistently shown non-detect for VOCs during these inspections. The last change out of the drums occurred in 2024 and the existing drums at that time were about 13-years old. The drums were changed due to a PID detection at one location while the other locations were still measuring non-detect for VOCs. GSH recommends monitoring the vapor phase carbon Ventsorb® drums for breakthrough on a quarterly basis rather than monthly. A reduction in inspection frequency would lessen PID shipments (PID is rented monthly to perform monitoring), thereby reducing the associated carbon footprint.

Recommendation 2 – Reduce daily inspections to twice per week

GSH requests that the daily inspections of the Site be reduced from daily to twice weekly. Inspections have been completed daily for over 20 years in accordance with the approved Love Canal Operations and Maintenance Manual. Based on the lack of issues typically observed or

identified during the daily inspections[1], the need for daily inspections Monday through Friday is no longer warranted. Also, a reduction in inspections would reduce the overall carbon footprint impact since vehicle trips around the Site perimeter would be less frequently along with labor effort would be reduced.

Recommendation 3 – Eliminate the Colvin Boulevard Sewer System NAPL Presence Checks and Abandon MW-3

On January 11, 2011, a contractor employed by the City of Niagara Falls (CNF) and the Niagara Falls Water Board (NFWB) found chemical-impacted sediments during work to correct a deflection (i.e., low spot) within a 50-foot length of sanitary sewer piping. At the request of the NFWB and the NYSDEC, GSH completed the sewer repairs. While making the repairs, GSH also completed an investigation to determine the potential source of the impacted sediments. No definitive source was determined beyond the discovered materials and it was concluded that the discovered materials were likely residual impacts from the original remedial efforts. To monitor for potential migration and/or additional NAPL accumulation in the area, the NYSDEC requested that well MW-3 be installed in the bedding of the newly repaired Colvin Boulevard sewer. The well was installed in July 2011, and monitoring has been on-going since 2011. The well screen was positioned to overlap both the bedding material surrounding the repaired sanitary sewer pipe and the underlying clay above the bedrock. This design aimed to collect NAPL that may gather at the base of the bedding material, just above the clay layer.

As part of the investigation activities, the sanitary sewer bedding monitoring well (MW-3) was monitored for NAPL presence on a weekly basis following well development. Although NAPL was observed sporadically during the sewer repair activities, it did not appear to be mobile and recovery of the observed NAPL was limited due to the lack of volume and mobility. In its October 2011 *Colvin Boulevard Sewer Repair Supplemental Subsurface Investigation Report*, GSH recommended that additional monitoring of MW-3 be continued on a quarterly basis with annual re-evaluation for the need to continue monitoring. MW-3 has been monitored quarterly each year for the presence of DNAPL from 2011 to present with no NAPL observed.

Due to no volume of residual NAPL being observed in the MW-3, GSH requests that the Colvin Boulevard Sewer System NAPL Presence Checks are discontinued and to abandon MW-3 in accordance with applicable local, State and Federal regulations. The elimination of this monitoring effort will reduce the overall Site monitoring safety risk along with the carbon footprint since due to safety requirements, a vehicle is required to be parked in the middle of the street to block off the work area from street traffic when checking the well.

6.2 Well Maintenance Recommendation

Per the discussion in Section 3.2.4.1, based on the available information and the well-depth comparison presented on **Table 3.9,** GSH is recommending two options for updating well

[1] It is worth noting that inspections are not completed on the weekends and no issues with the Site have been noted on the following Monday.

information and well maintenance at Site depending on whether any sediment is present in the well. Those options are:

- **Option 1: Redevelopment and survey** – per the locations indicated on **Table 3.9**, the well would be redeveloped to remove sediments to the extent possible and the well location resurveyed after cleaning. A licensed surveyor would complete the survey work, and the survey would include geolocation of the well (northing and easting), ground elevation, well pad elevation, top of protective casing elevation, and top of inner casing elevation (this is where water levels would be measured from each time). Geosyntec would accompany the surveyor to collect the bottom depth for recording at the time of the survey. All elevation data will be collected to the nearest 0.01 foot.
- **Option 2: Survey only** - per the locations indicated on **Table 3.9**, the well would be resurveyed. No redevelopment of the well will be included for this option since based on the evaluation completed for **Table 3.9**, a number of wells had very minor differences in bottom depths (i.e., constructed depth versus measured depth). A licensed surveyor would complete the survey work, and the survey would include geolocation of the well (northing and easting), ground elevation, well pad elevation, top of protective casing elevation, and top of inner casing elevation (this is where water levels would be measured from each time). Geosyntec would accompany the surveyor to collect the bottom depth for recording. All elevation data will be collected to the nearest 0.01 foot.

GSH will continue to monitor and evaluate the LCTF for additional Site improvements associated with the operation, maintenance, and monitoring activities and make recommendations to the NYSDEC and USEPA as appropriate.

Tables & Charts

Table 3.1

Monthly Volumes of Groundwater Treated
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

		1999	*2000*	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*
January	Total Combined Flow	**335,700**	**495,800**	**396,900**	**488,900**	**419,400**	**309,200**	**841,400**	**855,900**	**993,400**	**674,000**	**523,500**	**534,400**	**346,900**	**571,900**
	Love Canal LF Flow	335,700	280,364	282,480	422,682	374,123	260,171	796,518	817,305	970,918	649,777	495,713	471,805	322,994	546,816
	102nd St LF Flow	0	215,436	114,420	66,218	45,277	49,029	44,882	38,595	22,482	24,223	27,787	62,595	23,906	25,084
	Days[(1)]	---	21	20	21	14	10	17	16	20	18	16	17	18	15
February	Total Combined Flow	**270,100**	**480,400**	**560,000**	**663,700**	**266,300**	**330,000**	**440,200**	**437,300**	**216,600**	**570,000**	**506,700**	**314,300**	**375,800**	**656,700**
	Love Canal LF Flow	270,100	368,492	468,863	608,116	231,049	291,082	401,137	405,124	174,776	539,772	485,869	276,643	349,712	634,167
	102nd St LF Flow	0	111,908	91,137	55,584	35,251	38,918	39,063	32,176	41,824	30,228	20,831	37,657	26,088	22,533
	Days[(1)]	---	21	19	20	13	9	11	9	7	16	13	10	19	16
March	Total Combined Flow	**409,300**	**505,500**	**616,400**	**364,900**	**721,500**	**1,038,400**	**698,900**	**436,800**	**582,500**	**570,500**	**606,900**	**550,100**	**1,003,700**	**384,500**
	Love Canal LF Flow	321,558	290,501	493,476	316,696	667,337	986,332	667,105	402,047	560,237	550,518	582,109	526,021	978,000	363,378
	102nd St LF Flow	87,742	214,999	122,924	48,204	54,163	52,068	31,795	34,753	22,263	19,982	24,791	24,079	25,700	21,122
	Days[(1)]	---	23	21	21	17	21	13	13	16	12	18	17	21	16
April	Total Combined Flow	**555,200**	**675,600**	**352,300**	**689,700**	**432,800**	**800,400**	**805,300**	**184,800**	**447,200**	**602,000**	**414,900**	**498,200**	**676,400**	**334,400**
	Love Canal LF Flow	296,535	547,926	262,946	629,683	380,745	767,982	769,514	155,028	420,133	574,359	377,080	466,778	652,656	316,188
	102nd St LF Flow	258,665	127,674	89,354	60,017	52,055	32,418	35,786	29,772	27,067	27,641	37,820	31,422	23,744	18,212
	Days[(1)]	---	20	20	20	16	17	14	6	14	12	16	15	11	18
May	Total Combined Flow	**401,500**	**473,300**	**311,200**	**589,500**	**425,400**	**326,500**	**183,400**	**121,800**	**323,200**	**172,900**	**306,200**	**379,400**	**942,700**	**363,100**
	Love Canal LF Flow	123,790	335,331	207,580	532,251	379,299	294,612	156,846	93,394	297,471	147,715	267,700	348,837	917,206	341,424
	102nd St LF Flow	277,710	137,969	103,620	57,249	46,101	31,888	26,554	28,406	25,729	25,185	38,500	30,563	25,494	21,676
	Days[(1)]	---	20	17	20	14	10	5	4	12	11	14	18	17	16
June	Total Combined Flow	**323,500**	**632,200**	**202,200**	**395,100**	**367,900**	**253,200**	**160,800**	**130,700**	**173,300**	**128,700**	**110,000**	**205,200**	**473,100**	**142,000**
	Love Canal LF Flow	63,658	486,721	132,132	347,485	303,576	208,659	118,979	104,449	148,638	107,411	79,200	174,305	449,046	118,568
	102nd St LF Flow	259,842	145,479	70,068	47,615	64,324	44,541	41,821	26,251	24,662	21,289	30,800	30,895	24,054	23,432
	Days[(1)]	---	20	16	14	13	9	6	5	4	6	7	13	16	12
July	Total Combined Flow	**143,600**	**333,900**	**182,200**	**194,500**	**187,700**	**137,700**	**92,600**	**195,500**	**129,100**	**164,760**	**187,900**	**85,600**	**79,700**	**98,400**
	Love Canal LF Flow	104,649	184,955	111,941	145,344	142,849	111,217	78,234	183,084	99,026	141,442	153,170	55,670	53,632	72,435
	102nd St LF Flow	38,951	148,945	70,259	49,156	44,851	26,483	14,366	12,416	30,074	23,318	34,730	29,930	26,068	25,965
	Days[(1)]	---	20	16	16	11	7	3	5	6	6	7	4	5	9
August	Total Combined Flow	**230,600**	**437,100**	**267,200**	**151,300**	**158,600**	**301,900**	**98,800**	**322,440**	**120,800**	**197,340**	**369,400**	**184,300**	**193,900**	**73,960**
	Love Canal LF Flow	97,423	286,925	194,821	107,928	114,497	269,934	55,055	293,900	106,040	191,068	347,425	162,562	166,652	49,422
	102nd St LF Flow	133,177	150,175	72,379	43,372	44,103	31,966	43,745	28,540	14,760	6,272	21,975	21,738	27,248	24,538
	Days[(1)]	---	23	18	17	8	10	5	10	5	6	18	8	13	8
September	Total Combined Flow	**232,100**	**209,600**	**144,900**	**148,600**	**105,800**	**484,800**	**317,900**	**249,160**	**68,400**	**152,200**	**101,500**	**88,100**	**47,800**	**161,100**
	Love Canal LF Flow	62,759	82,263	81,619	94,401	60,350	435,482	284,315	213,343	49,041	122,101	76,057	56,678	21,679	136,728
	102nd St LF Flow	169,341	127,337	63,281	54,199	45,450	49,318	33,585	35,817	19,359	30,099	25,443	31,422	26,121	24,372
	Days[(1)]	---	20	16	12	7	12	8	7	4	9	7	2	6	17
October	Total Combined Flow	**283,400**	**264,300**	**438,500**	**154,600**	**211,000**	**135,700**	**486,300**	**919,200**	**173,000**	**296,100**	**199,200**	**120,200**	**417,500**	**318,400**
	Love Canal LF Flow	175,837	134,248	348,153	108,226	211,000	94,476	445,560	892,734	141,650	274,068	129,035	88,537	389,696	291,391
	102nd St LF Flow	107,563	130,052	90,347	46,374	0	41,224	40,740	26,466	31,350	22,032	70,165	31,663	27,804	27,009
	Days[(1)]	---	20	18	13	9	4	10	18	8	13	8	5	14	19
November	Total Combined Flow	**491,800**	**250,900**	**250,400**	**360,800**	**356,800**	**211,400**	**524,600**	**691,800**	**90,100**	**449,700**	**210,100**	**263,400**	**350,100**	**526,900**
	Love Canal LF Flow	344,145	132,728	194,481	306,258	310,650	186,999	494,443	658,765	77,506	414,149	152,302	233,159	322,735	504,290
	102nd St LF Flow	147,655	118,172	55,919	54,542	46,150	24,401	30,157	33,035	12,594	35,551	57,798	30,241	27,365	22,610
	Days[(1)]	---	17	16	14	12	5	14	14	3	14	12	15	12	20
December	Total Combined Flow	**695,500**	**522,600**	**555,300**	**549,600**	**692,300**	**674,400**	**502,000**	**510,400**	**345,700**	**757,500**	**506,200**	**510,900**	**952,000**	**517,700**
	Love Canal LF Flow	397,912	421,149	475,856	496,556	643,735	622,403	476,165	492,900	317,790	733,582	467,578	483,221	926,201	493,061
	102nd St LF Flow	297,588	101,451	79,444	53,044	48,565	51,997	25,835	17,500	27,910	23,918	38,622	27,679	25,799	24,639
	Days[(1)]	---	17	18	15	14	14	12	12	8	20	17	17	19	14
Total	Total Combined Flow	**4,372,300**	**5,281,200**	**4,277,500**	**4,751,200**	**4,345,500**	**5,003,600**	**5,152,200**	**5,055,800**	**3,663,300**	**4,735,700**	**4,042,500**	**3,734,100**	**5,859,600**	**4,149,060**
	Love Canal LF Flow	**2,594,066**	**3,551,603**	**3,254,348**	**4,115,626**	**3,819,210**	**4,529,349**	**4,743,871**	**4,712,073**	**3,363,226**	**4,445,962**	**3,613,238**	**3,344,216**	**5,550,209**	**3,867,868**
	102nd St LF Flow	**1,778,234**	**1,729,597**	**1,023,152**	**635,574**	**526,290**	**474,251**	**408,329**	**343,727**	**300,074**	**289,738**	**429,262**	**389,884**	**309,391**	**281,192**
	Days[(1)]	**---**	**242**	**215**	**203**	**148**	**128**	**118**	**119**	**107**	**143**	**153**	**141**	**171**	**180**
Monthly Average Per Year	Total Combined Flow	**364,358**	**440,100**	**356,458**	**395,933**	**362,125**	**416,967**	**429,350**	**421,317**	**305,275**	**394,642**	**336,875**	**311,175**	**488,300**	**345,755**
	Love Canal LF Flow	216,172	295,967	271,196	342,969	318,268	377,446	395,323	392,673	280,269	370,497	301,103	278,685	462,517	322,322
	102nd St LF Flow	148,186	144,133	85,263	52,965	43,858	39,521	34,027	28,644	25,006	24,145	35,772	32,490	25,783	23,433
	Days[(1)]	---	20	18	17	12	11	10	10	9	12	13	12	14	15
Precipitation Inches [(2)]		**31.65**	**36.33**	**29.56**	**31.05**	**32.03**	**36.33**	**35.99**	**38.66**	**24.02**	**36.45**	**37.85**	**34.54**	**40.26**	**31.87**

Notes:
(1) - Days: Number of days treatment facility discharged to the sanitary sewer.
(2) - Precipitation data obtained from the National Climatic Data Center for Niagara Falls International Airport.
* - Precipitation data obtained from National Climatic Data Center for Niagara Falls, NY US Station due to lack of data from Niagara Falls International Airport Station

Table 3.1

Monthly Volumes of Groundwater Treated
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

		2013	*2014*	*2015*	*2016*	*2017*	*2018*	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*	*2025**	*Averages 1999-2025 per month*	*Combined Monthly Totals*
January	Total Combined Flow	**600,400**	**519,614**	**363,043**	**385,636**	**563,854**	**499,356**	**566,916**	**775,829**	**436,659**	**273,440**	**901,565**	**922,559**	**237,056**	**549,379**	**14,833,227**
	Love Canal LF Flow	575,767	499,889	346,565	370,676	548,797	485,778	558,881	765,891	423,081	263,341	895,895	912,926	230,847	515,026	13,905,700
	102nd St LF Flow	24,633	19,725	16,478	14,960	15,057	13,578	8,035	9,938	13,578	10,099	5,670	9,633	6,209	34,353	927,527
	Days[1]	18	20	14	18	19	20	26	29	24	26	29	24	7	19.1	497
February	Total Combined Flow	**495,900**	**291,292**	**68,244**	**634,159**	**371,608**	**692,324**	**486,978**	**499,075**	**230,037**	**706,427**	**339,291**	**197,970**	**146,022**	**416,571**	**11,247,427**
	Love Canal LF Flow	478,434	277,226	55,548	619,942	357,557	683,928	480,242	490,839	221,641	701,636	333,660	192,658	142,548	390,399	10,540,761
	102nd St LF Flow	17,466	14,066	12,696	14,217	14,051	8,396	6,736	8,236	8,396	4,791	5,631	5,312	3,474	26,173	706,666
	Days[1]	19	15	16	19	13	24	26	28	19	25	26	10	7	16.5	430
March	Total Combined Flow	**488,000**	**388,937**	**658,775**	**544,972**	**641,911**	**492,694**	**356,288**	**544,126**	**373,191**	**424,167**	**978,815**	**290,055**	**687,371**	**568,859**	**15,359,202**
	Love Canal LF Flow	467,083	375,154	642,149	529,757	629,687	483,834	345,457	534,539	364,331	413,259	973,419	285,107	680,730	534,438	14,429,821
	102nd St LF Flow	20,917	13,783	16,626	15,215	12,224	8,860	10,831	9,587	8,860	10,908	5,396	4,948	6,641	34,422	929,381
	Days[1]	20	17	20	21	20	24	16	27	24	24	28	11	15	19.1	496
April	Total Combined Flow	**533,800**	**786,808**	**575,949**	**531,147**	**1,053,394**	**751,811**	**632,012**	**359,309**	**219,074**	**339,663**	**568,804**	**762,128**	**478,436**	**557,835**	**15,061,535**
	Love Canal LF Flow	516,478	768,257	561,287	517,498	1,041,670	743,111	621,937	349,735	210,374	331,386	564,273	756,426	474,563	521,280	14,074,548
	102nd St LF Flow	17,322	18,551	14,662	13,649	11,724	8,700	10,075	9,574	8,700	8,277	4,531	5,702	3,873	36,555	986,987
	Days[1]	22	20	17	19	24	28	25	28	19	18	18	17	11	17.9	465
May	Total Combined Flow	**148,500**	**444,598**	**113,599**	**175,158**	**983,450**	**169,570**	**579,868**	**214,573**	**134,023**	**191,359**	**209,889**	**143,962**	**243,798**	**336,017**	**9,072,447**
	Love Canal LF Flow	129,687	428,177	99,179	163,324	971,685	160,916	570,737	205,645	125,369	185,073	205,701	139,839	239,897	298,840	8,068,685
	102nd St LF Flow	18,813	16,421	14,420	11,834	11,765	8,654	9,131	8,928	8,654	6,286	4,188	4,123	3,901	37,176	1,003,762
	Days[1]	18	21	12	15	25	18	19	23	19	12	12	7	9	14.9	388
June	Total Combined Flow	**497,300**	**168,921**	**262,025**	**98,255**	**178,582**	**110,862**	**248,940**	**147,455**	**103,047**	**184,156**	**97,859**	**226,315**	**133,467**	**227,966**	**6,155,084**
	Love Canal LF Flow	478,285	152,639	245,083	83,122	164,597	102,480	239,997	138,115	94,665	176,207	92,419	221,112	128,577	191,116	5,160,125
	102nd St LF Flow	19,015	16,282	16,942	15,133	13,985	8,382	8,943	9,340	8,382	7,949	5,440	5,203	4,890	36,850	994,959
	Days[1]	18	12	19	11	15	10	12	14	11	14	5	7	6	11.3	295
July	Total Combined Flow	**280,000**	**151,772**	**138,495**	**77,140**	**335,930**	**103,168**	**134,549**	**91,978**	**594,326**	**124,172**	**160,304**	**344,241**	**114,498**	**180,138**	**4,863,733**
	Love Canal LF Flow	260,823	123,921	122,874	62,847	322,782	93,383	125,685	84,682	584,541	114,164	156,290	339,076	109,508	153,268	4,138,224
	102nd St LF Flow	19,177	27,851	15,621	14,293	13,148	9,785	8,864	7,296	9,785	10,008	4,014	5,165	4,990	26,871	725,509
	Days[1]	19	15	16	12	18	8	10	8	24	11	15	11	7	11.1	289
August	Total Combined Flow	**193,144**	**98,166**	**108,376**	**65,714**	**242,754**	**91,721**	**105,894**	**77,128**	**125,988**	**130,151**	**209,301**	**93,631**	**49,128**	**174,027**	**4,698,736**
	Love Canal LF Flow	168,418	83,010	91,308	50,772	228,321	81,389	99,061	64,652	115,656	122,226	203,561	89,106	46,225	143,976	3,887,357
	102nd St LF Flow	24,726	15,156	17,068	14,942	14,433	10,332	6,833	12,476	10,332	7,925	5,740	4,525	2,903	30,051	811,379
	Days[1]	21	9	7	6	17	7	8	8	16	9	15	6	4	10.8	282
September	Total Combined Flow	**131,289**	**139,016**	**151,905**	**96,279**	**114,926**	**95,188**	**217,213**	**101,043**	**294,866**	**240,945**	**107,986**	**134,233**	**0**	**160,624**	**4,336,849**
	Love Canal LF Flow	110,397	111,392	134,935	79,011	100,242	85,785	204,446	89,450	285,463	224,154	101,166	129,319	0	127,132	3,432,576
	102nd St LF Flow	20,892	27,624	16,970	17,268	14,684	9,403	12,767	11,593	9,403	16,791	6,820	4,914	0	33,492	904,273
	Days[1]	23	13	12	11	8	8	11	10	18	10	9	12	0	10.5	272
October	Total Combined Flow	**503,036**	**121,075**	**146,842**	**124,508**	**286,862**	**132,231**	**333,060**	**92,146**	**440,128**	**345,251**	**100,602**	**94,107**	**0**	**264,343**	**7,137,248**
	Love Canal LF Flow	480,233	94,680	123,794	104,726	270,291	120,540	319,915	79,713	428,437	339,816	95,329	88,652	0	232,250	6,270,737
	102nd St LF Flow	22,803	26,395	23,048	19,782	16,571	11,691	13,145	12,433	11,691	5,435	5,273	5,455	0	32,093	866,511
	Days[1]	20	18	11	11	12	11	19	15	22	18	12	5	0	12.8	333
November	Total Combined Flow	**538,978**	**107,729**	**146,722**	**101,686**	**686,365**	**635,923**	**450,485**	**100,055**	**449,377**	**405,160**	**111,415**	**120,484**	**379,030**	**343,045**	**9,262,209**
	Love Canal LF Flow	520,087	85,439	127,799	85,421	669,770	626,034	433,375	89,382	439,488	405,160	108,964	114,392	368,731	311,357	8,406,652
	102nd St LF Flow	18,891	22,290	18,923	16,265	16,595	9,889	17,110	10,673	9,889	0	2,451	6,092	10,299	31,687	855,557
	Days[1]	19	12	15	11	22	21	25	18	27	20	7	6	13	14.8	384
December	Total Combined Flow	**677,411**	**471,085**	**155,368**	**335,448**	**278,817**	**626,070**	**728,072**	**353,581**	**557,307**	**573,100**	**682,519**	**511,064**	**625,664**	**550,652**	**14,867,606**
	Love Canal LF Flow	660,890	456,099	138,929	318,036	264,686	615,325	716,352	343,524	546,562	555,783	682,519	504,836	618,818	513,721	13,870,468
	102nd St LF Flow	16,521	14,986	16,439	17,412	14,131	10,745	11,720	10,057	10,745	17,317	0	6,228	6,846	36,931	997,138
	Days[1]	17	14	13	14	19	28	28	22	28	24	19	12	12	17.2	447
Total	Total Combined Flow	**5,087,758**	**3,689,013**	**2,889,343**	**3,170,102**	**5,738,453**	**4,400,918**	**4,840,275**	**3,356,298**	**3,958,023**	**3,937,991**	**4,468,350**	**3,840,749**	**3,094,469**	**4,329,456**	**116,895,302**
	Love Canal LF Flow	**4,846,582**	**3,455,883**	**2,689,450**	**2,985,132**	**5,570,085**	**4,282,503**	**4,716,085**	**3,236,167**	**3,839,608**	**3,832,205**	**4,413,196**	**3,773,449**	**3,040,443**	**3,932,802**	**106,185,653**
	102nd St LF Flow	**241,176**	**233,130**	**199,893**	**184,970**	**168,368**	**118,415**	**124,190**	**120,131**	**118,415**	**105,786**	**55,154**	**67,300**	**54,026**	**396,654**	**10,709,649**
	Days[1]	**234**	**186**	**172**	**168**	**212**	**207**	**225**	**230**	**251**	**211**	**195**	**128**	**91**	**176**	**4,578**
Monthly Average Per Year	Total Combined Flow	**423,980**	**307,418**	**240,779**	**264,175**	**478,204**	**366,743**	**403,356**	**279,692**	**329,835**	**328,166**	**372,363**	**320,062**	**257,872**	**---**	**---**
	Love Canal LF Flow	403,882	287,990	224,121	248,761	464,174	356,875	393,007	269,681	319,967	319,350	367,766	314,454	253,370	---	---
	102nd St LF Flow	20,098	19,428	16,658	15,414	14,031	9,868	10,349	10,011	9,868	8,816	4,596	5,608	4,502	---	---
	Days[1]	20	16	14	14	18	17	19	19	21	18	16	11	8	---	---
Precipitation Inches [2]		**40.66**	**35.12**	**24.99**	**23.33**	**41.36**	**34.93**	**35.81**	**24.46**	**21.26**	**36.96**	**20.40**	**26.60**	**30.89**	**32.35**	**873.36**

Notes:
(1) - Days: Number of days treatment facility discharged to the sanitary sewer.
(2) - Precipitation data obtained from the National Climatic Data Center for Niagara Falls International Airport.
* - Precipitation data obtained from National Climatic Data Center for Niagara Falls, NY US Station due to lack of data from Niagara Falls International Airport Station

Chart 3.1

Yearly Volumes of Groundwater Treated
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

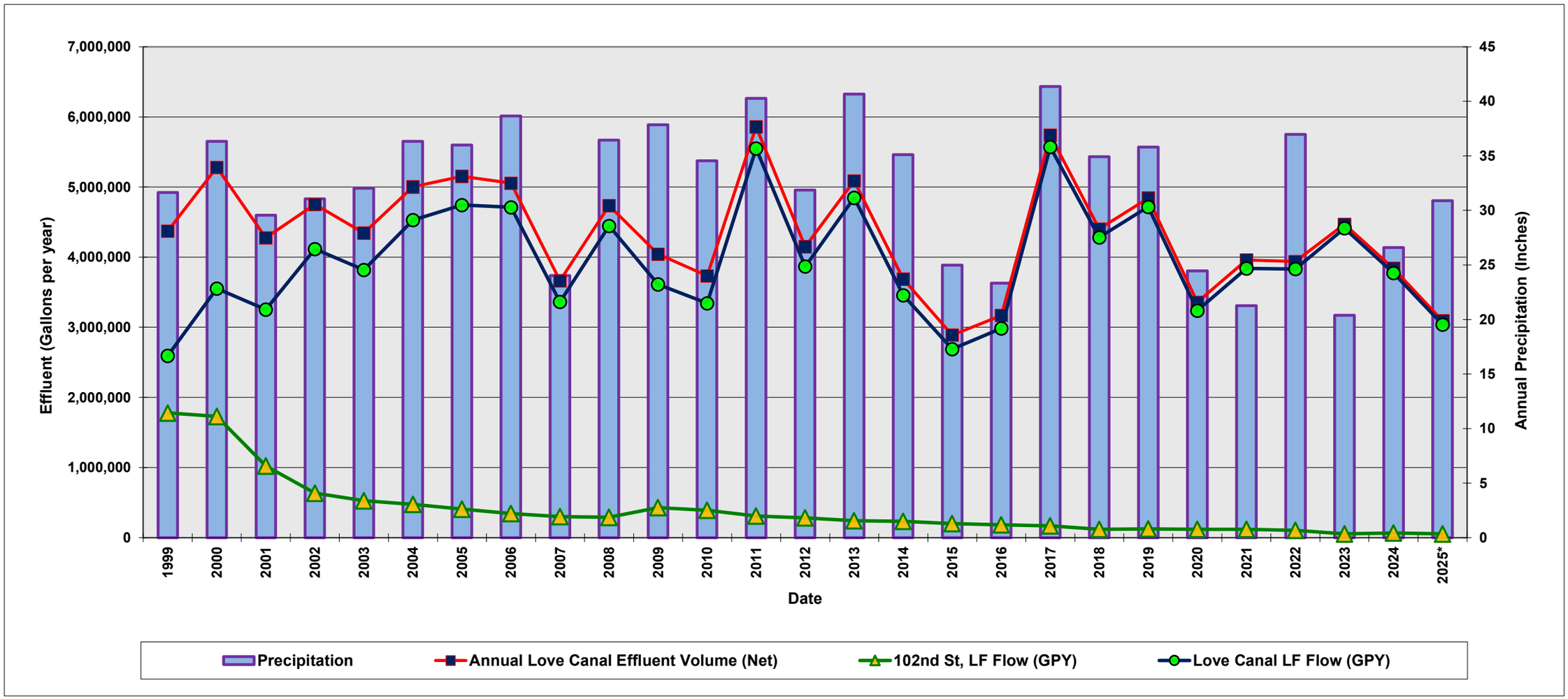


Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7120	7130	7132
				Sample ID:	WG-TR1045-060925-006-JA	WG-TR1045-061025-021-SG	WG-TR1045-061325-041-JA
				Sample Date:	6/9/2025	6/10/2025	6/13/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Volatile Organic Compounds							
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 UJ	5.0 U	5.0 U
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 UJ	1.0 U	1.0 U
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 U	2.0 UJ	2.0 UJ
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7120	7130	7132
				Sample ID:	WG-TR1045-060925-006-JA	WG-TR1045-061025-021-SG	WG-TR1045-061325-041-JA
				Sample Date:	6/9/2025	6/10/2025	6/13/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ether	ug/L	5			9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 UJ	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 UJ	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 UJ	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 UJ	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 UJ	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 UJ	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 UJ	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 UJ	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	49 U	49 U
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7120	7130	7132
				Sample ID:	WG-TR1045-060925-006-JA	WG-TR1045-061025-021-SG	WG-TR1045-061325-041-JA
				Sample Date:	6/9/2025	6/10/2025	6/13/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds (con't)							
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 U	9.8 UJ	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 U	9.8 UJ	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 U	9.8 UJ
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					0	0	0
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7120	7130	7132
				Sample ID:	WG-TR1045-060925-006-JA	WG-TR1045-061025-021-SG	WG-TR1045-061325-041-JA
				Sample Date:	6/9/2025	6/10/2025	6/13/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Pesticides							
4,4'-DDD	ug/L	0.3			0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.049 U	0.049 U	0.049 U
alpha-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U
Dieldrin	ug/L	0.004			0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.049 U	0.049 U	0.049 U
gamma-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:					0	0	0

Notes:

J - Estimated concentration

J+ - Estimated concentration; biased high

J- - Estimated concentration; biased low

U - Not detected at the associated reporting limit

UJ - Not detected; associated reporting limit is estimated

ND - Not detected

NA - Not available

NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)

1.7J -Detection greater than the MDL; does not exceed NYSWQS

4.0 -Exceeds NYSWQS ((Class GA Standard))

** - 1st result is potentially biased low; sample reextracted and reanalyzed; 2nd result re-extraction may be out of hold time

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7155	7161	8106
				Sample ID:	WG-TR1045-061325-042-JA	WG-TR1045-060925-005-SG	WG-TR1045-060925-004-JA
				Sample Date:	6/13/2025	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Volatile Organic Compounds							
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 UJ	5.0 UJ
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 U	1.0 UJ	1.0 UJ
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 UJ	2.0 U	2.0 U
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7155	7161	8106
				Sample ID:	WG-TR1045-061325-042-JA	WG-TR1045-060925-005-SG	WG-TR1045-060925-004-JA
				Sample Date:	6/13/2025	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ether	ug/L	5			9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 UJ	9.8 UJ
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 UJ	49 UJ
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 UJ	9.8 UJ
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 UJ	9.8 UJ
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 UJ	9.8 UJ
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 UJ	9.8 UJ
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 UJ	49 UJ
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 UJ	9.8 UJ
4-Nitrophenol	ug/L	1			49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	49 U	49 U
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7155	7161	8106
				Sample ID:	WG-TR1045-061325-042-JA	WG-TR1045-060925-005-SG	WG-TR1045-060925-004-JA
				Sample Date:	6/13/2025	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds (con't)							
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 UJ	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					0	0	0
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7155	7161	8106
				Sample ID:	WG-TR1045-061325-042-JA	WG-TR1045-060925-005-SG	WG-TR1045-060925-004-JA
				Sample Date:	6/13/2025	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Pesticides							
4,4'-DDD	ug/L	0.3			0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.049 U	**0.043 J**	0.049 U
alpha-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.049 U	**0.025 J**	0.049 U
Dieldrin	ug/L	0.004			0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.049 U	**0.043 J**	0.049 U
gamma-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:					0	3	0

Notes:

J - Estimated concentration

J+ - Estimated concentration; biased high

J- - Estimated concentration; biased low

U - Not detected at the associated reporting limit

UJ - Not detected; associated reporting limit is estimated

ND - Not detected

NA - Not available

NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)

1.7J -Detection greater than the MDL; does not exceed NYSWQS

4.0 -Exceeds NYSWQS ((Class GA Standard))

** - 1st result is potentially biased low; sample reextracted and reanalyzed; 2nd result re-extraction may be out of hold time

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sample Location:	**8110**	**8110**	**8120**
			Sample ID:	**WG-TR1045-061025-012-JA**	**WG-TR1045-061025-014-JA**	**WG-TR1045-061025-016-JA**
			Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**		(Duplicate)	
Volatile Organic Compounds						
1,1,1-Trichloroethane	ug/L	5		1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5		1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1		1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5		1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5		1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6		1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1		1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA		5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA		5.0 U	5.0 U	5.0 U
Acetone	ug/L		50	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1		1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50	1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5		1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L		60	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5		1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5		1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5		1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7		1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5		1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5		1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4		1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5		1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5		1.0 U	1.0 U	1.0 U
Styrene	ug/L	5		1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5		1.0 U	1.0 U	1.0 U
Toluene	ug/L	5		1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5		1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4		1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5		1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA		2.0 UJ	2.0 UJ	2.0 UJ
Vinyl chloride	ug/L	2		1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5		3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:				0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8110	8110	8120
				Sample ID:	WG-TR1045-061025-012-JA	WG-TR1045-061025-014-JA	WG-TR1045-061025-016-JA
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			(Duplicate)	
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ether	ug/L	5			9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	49 U	49 U
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8110	8110	8120
				Sample ID:	WG-TR1045-061025-012-JA	WG-TR1045-061025-014-JA	WG-TR1045-061025-016-JA
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			(Duplicate)	
Semi-Volatile Organic Compounds (con't)							
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 UJ	9.8 UJ	9.8 UJ
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 UJ	9.8 UJ	9.8 UJ
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					0	0	0
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.96 U	1.0 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			1.9 U	2.1 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.96 U	1.0 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.96 U	1.0 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.96 U	1.0 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.96 U	1.0 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.96 U	1.0 U	0.98 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8110	8110	8120
				Sample ID:	WG-TR1045-061025-012-JA	WG-TR1045-061025-014-JA	WG-TR1045-061025-016-JA
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			(Duplicate)	
Pesticides							
4,4'-DDD	ug/L	0.3			0.048 U	0.052 U	0.049 U
4,4'-DDE	ug/L	0.2			0.048 U	0.052 U	0.049 U
4,4'-DDT	ug/L	0.2			0.048 U	0.052 U	0.049 U
Aldrin	ug/L	ND			0.048 U	0.052 U	0.049 U
alpha-BHC	ug/L	0.01			0.048 U	0.052 U	0.049 U
alpha-Chlordane	ug/L	0.05			0.048 U	0.052 U	0.049 U
beta-BHC	ug/L	0.04			**0.025 J**	0.052 U	0.049 U
delta-BHC	ug/L	0.04			0.048 U	0.052 U	0.049 U
Dieldrin	ug/L	0.004			0.048 U	0.052 U	0.049 U
Endosulfan I	ug/L	NA			0.048 U	0.052 U	0.049 U
Endosulfan II	ug/L	NA			0.048 U	0.052 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.048 U	0.052 U	0.049 U
Endrin	ug/L	ND			0.048 U	0.052 U	0.049 U
Endrin ketone	ug/L	5			0.048 U	0.052 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.048 U	0.052 U	0.049 U
gamma-Chlordane	ug/L	0.05			0.048 U	0.052 U	0.049 U
Heptachlor	ug/L	0.04			0.048 U	0.052 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.048 U	0.052 U	0.049 U
Methoxychlor	ug/L	35			**0.034 J**	0.052 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.53 U	0.50 U
Discrete Compounds Detected:					2	0	0

Notes:

J - Estimated concentration

J+ - Estimated concentration; biased high

J- - Estimated concentration; biased low

U - Not detected at the associated reporting limit

UJ - Not detected; associated reporting limit is estimated

ND - Not detected

NA - Not available

NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)

1.7J -Detection greater than the MDL; does not exceed NYSWQS

4.0 -Exceeds NYSWQS ((Class GA Standard))

** - 1st result is potentially biased low; sample reextracted and reanalyzed; 2nd result re-extraction may be out of hold time

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8130	8140	9110
				Sample ID:	WG-TR1045-061025-018-JA	WG-TR1045-061025-020-JA	WG-TR1045-061025-022-JA
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Volatile Organic Compounds							
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 U	5.0 U
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 UJ	2.0 UJ	2.0 UJ
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8130	8140	9110
				Sample ID:	WG-TR1045-061025-018-JA	WG-TR1045-061025-020-JA	WG-TR1045-061025-022-JA
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ether	ug/L	5			9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	49 U	49 U
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8130	8140	9110
				Sample ID:	WG-TR1045-061025-018-JA	WG-TR1045-061025-020-JA	WG-TR1045-061025-022-JA
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds (con't)							
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 UJ	9.8 UJ	9.8 UJ
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 UJ	9.8 UJ	9.8 UJ
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					0	0	0
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8130	8140	9110
				Sample ID:	WG-TR1045-061025-018-JA	WG-TR1045-061025-020-JA	WG-TR1045-061025-022-JA
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Pesticides							
4,4'-DDD	ug/L	0.3			0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.049 U	0.049 U	0.049 U
alpha-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U
Dieldrin	ug/L	0.004			0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.049 U	0.049 U	0.049 U
gamma-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:					0	0	0

Notes:

J - Estimated concentration

J+ - Estimated concentration; biased high

J- - Estimated concentration; biased low

U - Not detected at the associated reporting limit

UJ - Not detected; associated reporting limit is estimated

ND - Not detected

NA - Not available

NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)

1.7J -Detection greater than the MDL; does not exceed NYSWQS

4.0 -Exceeds NYSWQS ((Class GA Standard))

** - 1st result is potentially biased low; sample reextracted and reanalyzed; 2nd result re-extraction may be out of hold time

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	9115	9120	9125
				Sample ID:	WG-TR1045-061025-019-SG	WG-TR1045-061025-017-SG	WG-TR1045-061025-015-SG
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Volatile Organic Compounds							
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 U	5.0 U
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 UJ	2.0 UJ	2.0 UJ
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	9115	9120	9125
				Sample ID:	WG-TR1045-061025-019-SG	WG-TR1045-061025-017-SG	WG-TR1045-061025-015-SG
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ether	ug/L	5			9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	49 U	49 U
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	9115	9120	9125
				Sample ID:	WG-TR1045-061025-019-SG	WG-TR1045-061025-017-SG	WG-TR1045-061025-015-SG
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds (con't)							
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 UJ	9.8 UJ	9.8 UJ
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 UJ	9.8 UJ	9.8 UJ
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					0	0	0
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	9115	9120	9125
				Sample ID:	WG-TR1045-061025-019-SG	WG-TR1045-061025-017-SG	WG-TR1045-061025-015-SG
				Sample Date:	6/10/2025	6/10/2025	6/10/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Pesticides							
4,4'-DDD	ug/L	0.3			0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.049 U	0.049 U	0.049 U
alpha-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U
Dieldrin	ug/L	0.004			0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.049 U	0.049 U	0.049 U
gamma-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:					0	0	0

Notes:
J - Estimated concentration
J+ - Estimated concentration; biased high
J- - Estimated concentration; biased low
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
ND - Not detected
NA - Not available
NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)
1.7J -Detection greater than the MDL; does not exceed NYSWQS
4.0 -Exceeds NYSWQS ((Class GA Standard))
** - 1st result is potentially biased low; sample reextracted and reanalyzed; 2nd result re-extraction may be out of hold time

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	9130	9140	10105
				Sample ID:	WG-TR1045-061025-013-SG	WG-TR1045-061125-025-SG	WG-TR1045-061125-029-SG
				Sample Date:	6/10/2025	6/11/2025	6/11/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Volatile Organic Compounds							
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 U	5.0 U
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 UJ	2.0 U	2.0 U
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	9130	9140	10105
				Sample ID:	WG-TR1045-061025-013-SG	WG-TR1045-061125-025-SG	WG-TR1045-061125-029-SG
				Sample Date:	6/10/2025	6/11/2025	6/11/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ether	ug/L	5			9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	R	R
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	9130	9140	10105
				Sample ID:	WG-TR1045-061025-013-SG	WG-TR1045-061125-025-SG	WG-TR1045-061125-029-SG
				Sample Date:	6/10/2025	6/11/2025	6/11/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds (con't)							
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 UJ	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 UJ	9.8 U	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					0	0	0
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	ug/L	0.09			1.0 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.1 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			1.0 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			1.0 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			1.0 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			1.0 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			1.0 U	0.98 U	0.98 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	9130	9140	10105
				Sample ID:	WG-TR1045-061025-013-SG	WG-TR1045-061125-025-SG	WG-TR1045-061125-029-SG
				Sample Date:	6/10/2025	6/11/2025	6/11/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Pesticides							
4,4'-DDD	ug/L	0.3			0.052 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.052 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.052 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.052 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.052 U	0.049 U	0.049 U
alpha-Chlordane	ug/L	0.05			0.052 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.052 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.052 U	0.049 U	0.049 U
Dieldrin	ug/L	0.004			0.052 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.052 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.052 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.052 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.052 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.052 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.052 U	0.049 U	0.049 U
gamma-Chlordane	ug/L	0.05			0.052 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.052 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.052 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.052 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.53 U	0.50 U	0.50 U
Discrete Compounds Detected:					0	0	0

Notes:
J - Estimated concentration
J+ - Estimated concentration; biased high
J- - Estimated concentration; biased low
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
ND - Not detected
NA - Not available
NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)
1.7J -Detection greater than the MDL; does not exceed NYSWQS
4.0 -Exceeds NYSWQS ((Class GA Standard))
** - 1st result is potentially biased low; sample reextracted and reanalyzed; 2nd result re-extraction may be out of hold time

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sample Location:	**10135**	**10135**	**10147**
			Sample ID:	**WG-TR1045-061625-045-JA**	**WG-TR1045-061625-046-JA**	**WG-TR1045-061625-044-JA**
			Sample Date:	6/16/2025	6/16/2025	6/16/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**		(Duplicate)	
Volatile Organic Compounds						
1,1,1-Trichloroethane	ug/L	5		250 U	250 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5		250 U	250 U	1.0 U
1,1,2-Trichloroethane	ug/L	1		250 U	250 U	1.0 U
1,1-Dichloroethane	ug/L	5		250 U	250 U	1.0 U
1,1-Dichloroethene	ug/L	5		250 U	250 U	1.0 U
1,2-Dichloroethane	ug/L	0.6		250 U	250 U	1.0 U
1,2-Dichloropropane	ug/L	1		250 U	250 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA		1300 U	1300 U	5.0 U
2-Hexanone	ug/L		50	1300 U	1300 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA		1300 U	1300 U	5.0 U
Acetone	ug/L		50	1300 U	1300 U	5.0 U
Benzene	ug/L	1		**6700**	**6800**	1.0 U
Bromodichloromethane	ug/L		50	250 U	250 U	1.0 U
Bromoform	ug/L		50	250 U	250 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5		250 U	250 U	1.0 U
Carbon disulfide	ug/L		60	250 U	250 U	1.0 U
Carbon tetrachloride	ug/L	5		250 U	250 U	1.0 U
Chlorobenzene	ug/L	5		**2600**	**2500**	1.0 U
Chloroethane	ug/L	5		250 U	250 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7		250 U	250 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5		250 U	250 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5		250 U	250 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4		250 U	250 U	1.0 U
Dibromochloromethane	ug/L		50	250 U	250 U	1.0 U
Ethylbenzene	ug/L	5		250 U	250 U	1.0 U
Methylene chloride	ug/L	5		250 U	250 U	1.0 U
Styrene	ug/L	5		250 U	250 U	1.0 U
Tetrachloroethene	ug/L	5		250 U	250 U	1.0 U
Toluene	ug/L	5		**24000**	**24000**	1.0 U
trans-1,2-Dichloroethene	ug/L	5		250 U	250 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4		250 U	250 U	1.0 U
Trichloroethene	ug/L	5		250 U	250 U	1.0 U
Vinyl acetate	ug/L	NA		500 UJ	500 UJ	2.0 UJ
Vinyl chloride	ug/L	2		250 U	250 U	1.0 U
Xylenes (total)	ug/L	5		750 U	750 U	3.0 U
Discrete Compounds Detected:				3	3	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10135	10135	10147
				Sample ID:	WG-TR1045-061625-045-JA	WG-TR1045-061625-046-JA	WG-TR1045-061625-044-JA
				Sample Date:	6/16/2025	6/16/2025	6/16/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			(Duplicate)	
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L	5			**27 J**	**14 J**	9.8 U
1,2-Dichlorobenzene	ug/L	3			**26 J**	**13 J**	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			**74 J**	**36 J**	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ether	ug/L	5			9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			**4.7 J**	**2.8 J**	9.8 U
2,4-Dimethylphenol	ug/L	1	50		**4.7 J**	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			**6.6 J**	**3.6 J**	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			**22 J**	**11 J**	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			**84 J**	**41 J**	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			**18**	**8.6 J**	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			**390 J**	**230 J**	49 U
Benzyl alcohol	ug/L	NA			**11**	**6.5 J**	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10135	10135	10147
				Sample ID:	WG-TR1045-061625-045-JA	WG-TR1045-061625-046-JA	WG-TR1045-061625-044-JA
				Sample Date:	6/16/2025	6/16/2025	6/16/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			(Duplicate)	
Semi-Volatile Organic Compounds (con't)							
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 UJ	9.8 UJ	9.8 UJ
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			**41 J**	**21 J**	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					12	11	0
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10135	10135	10147
				Sample ID:	WG-TR1045-061625-045-JA	WG-TR1045-061625-046-JA	WG-TR1045-061625-044-JA
				Sample Date:	6/16/2025	6/16/2025	6/16/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			(Duplicate)	
Pesticides							
4,4'-DDD	ug/L	0.3			R	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			R	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			R	0.049 U	0.049 U
Aldrin	ug/L	ND			R	**0.15**	0.049 U
alpha-BHC	ug/L	0.01			**5.0 J-**	**4.3**	0.049 U
alpha-Chlordane	ug/L	0.05			R	0.049 U	0.049 U
beta-BHC	ug/L	0.04			**0.92 J-**	**0.92**	0.049 U
delta-BHC	ug/L	0.04			**3.7 J-**	**3.9**	0.049 U
Dieldrin	ug/L	0.004			R	0.049 U	0.049 U
Endosulfan I	ug/L	NA			R	0.049 U	0.049 U
Endosulfan II	ug/L	NA			R	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			R	0.049 U	0.049 U
Endrin	ug/L	ND			R	0.049 U	0.049 U
Endrin ketone	ug/L	5			R	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			**0.26 J**	0.049 UJ	0.049 U
gamma-Chlordane	ug/L	0.05			R	0.049 U	0.049 U
Heptachlor	ug/L	0.04			R	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			R	0.049 U	0.049 U
Methoxychlor	ug/L	35			R	0.049 U	0.049 U
Toxaphene	ug/L	0.06			R	0.50 U	0.50 U
Discrete Compounds Detected:					4	4	0

Notes:

J - Estimated concentration

J+ - Estimated concentration; biased high

J- - Estimated concentration; biased low

U - Not detected at the associated reporting limit

UJ - Not detected; associated reporting limit is estimated

ND - Not detected

NA - Not available

NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)

1.7J -Detection greater than the MDL; does not exceed NYSWQS

4.0 -Exceeds NYSWQS ((Class GA Standard))

** - 1st result is potentially biased low; sample reextracted and reanalyzed; 2nd result re-extraction may be out of hold time

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10174A	10178A	10178B
				Sample ID:	WG-TR1045-061225-037-SG	WG-TR1045-061225-032-JA	WG-TR1045-061225-031-SG
				Sample Date:	6/12/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Volatile Organic Compounds							
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 U	5.0 U
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 U	2.0 U	2.0 U
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10174A	10178A	10178B
				Sample ID:	WG-TR1045-061225-037-SG	WG-TR1045-061225-032-JA	WG-TR1045-061225-031-SG
				Sample Date:	6/12/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ether	ug/L	5			9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			R	R	R
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10174A	10178A	10178B
				Sample ID:	WG-TR1045-061225-037-SG	WG-TR1045-061225-032-JA	WG-TR1045-061225-031-SG
				Sample Date:	6/12/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Semi-Volatile Organic Compounds (con't)							
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					0	0	0
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					0	0	0

Table 3.2

2025 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10174A	10178A	10178B
				Sample ID:	WG-TR1045-061225-037-SG	WG-TR1045-061225-032-JA	WG-TR1045-061225-031-SG
				Sample Date:	6/12/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**				
Pesticides							
4,4'-DDD	ug/L	0.3			0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.049 U	**0.035 J**	**0.042 J**
alpha-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.049 U	**0.023 J**	**0.024 J**
Dieldrin	ug/L	0.004			0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.049 U	**0.045 J**	**0.041 J**
gamma-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:					0	3	3

Notes:

J - Estimated concentration

J+ - Estimated concentration; biased high

J- - Estimated concentration; biased low

U - Not detected at the associated reporting limit

UJ - Not detected; associated reporting limit is estimated

ND - Not detected

NA - Not available

NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)

1.7J -Detection greater than the MDL; does not exceed NYSWQS

4.0 -Exceeds NYSWQS ((Class GA Standard))

** - 1st result is potentially biased low; sample reextracted and reanalyzed; 2nd result re-extraction may be out of hold time

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	3257	5221	6209	7205	7205
				Sample ID:	WG-TR1045-060925-003-SG	WG-TR1045-061625-043-SG	WG-TR1045-061025-011-SG	WG-TR1045-060925-007-SG	WG-TR1045-060925-010-SG
				Sample Date:	6/9/2025	6/16/2025	6/10/2025	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						**(Duplicate)**
Volatile Organic Compounds									
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
Acetone	ug/L		50		5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 U
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**0**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	3257	5221	6209	7205	7205
				Sample ID:	WG-TR1045-060925-003-SG	WG-TR1045-061625-043-SG	WG-TR1045-061025-011-SG	WG-TR1045-060925-007-SG	WG-TR1045-060925-010-SG
				Sample Date:	6/9/2025	6/16/2025	6/10/2025	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						**(Duplicate)**
Semi-volatile Organic Compounds									
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ethe	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 UJ
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 UJ	49 U	49 U	49 UJ	49 UJ
2,4-Dinitrotoluene	ug/L	5			9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 UJ
2,6-Dinitrotoluene	ug/L	5			9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 UJ
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 UJ
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 UJ
4,6-Dinitro-2-methylphenol	ug/L	1			49 UJ	49 U	49 U	49 UJ	49 UJ
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 UJ
4-Nitrophenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	49 U	R	49 U	49 U
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	3257	5221	6209	7205	7205
				Sample ID:	WG-TR1045-060925-003-SG	WG-TR1045-061625-043-SG	WG-TR1045-061025-011-SG	WG-TR1045-060925-007-SG	WG-TR1045-060925-010-SG
				Sample Date:	6/9/2025	6/16/2025	6/10/2025	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						**(Duplicate)**
Semi-volatile Organic Compounds con't									
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**0**
Polychlorinated Biphenyls									
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**0**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	3257	5221	6209	7205	7205
				Sample ID:	WG-TR1045-060925-003-SG	WG-TR1045-061625-043-SG	WG-TR1045-061025-011-SG	WG-TR1045-060925-007-SG	WG-TR1045-060925-010-SG
				Sample Date:	6/9/2025	6/16/2025	6/10/2025	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						**(Duplicate)**
Pesticides									
4,4'-DDD	ug/L	0.3		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-Chlordane	ug/L	0.05		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Dieldrin	ug/L	0.004		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-Chlordane	ug/L	0.05		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35		0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:				**0**	**0**	**0**	**0**	**0**	**0**

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
R - Rejected
ND - Not detected
NA - Not available
NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)
1.7J -Detection greater than the MDL; does not exceed NYSWQS
4.0 -Exceeds NYSWQS ((Class GA Standard))

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8210	9205	9210	10205	10210A
				Sample ID:	WG-TR1045-061025-009-SG	WG-TR1045-061025-008-JA	WG-TR1045-061125-023-SG	WG-TR1045-061125-027-SG	WG-TR1045-061125-030-JA
				Sample Date:	6/10/2025	6/10/2025	6/11/2025	6/11/2025	6/11/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						
Volatile Organic Compounds									
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	**0.32 J**
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 U
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**1**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8210	9205	9210	10205	10210A
				Sample ID:	WG-TR1045-061025-009-SG	WG-TR1045-061025-008-JA	WG-TR1045-061125-023-SG	WG-TR1045-061125-027-SG	WG-TR1045-061125-030-JA
				Sample Date:	6/10/2025	6/10/2025	6/11/2025	6/11/2025	6/11/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						
Semi-volatile Organic Compounds									
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ethe	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	49 U	R	R	R
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sample Location:	8210	9205	9210	10205	10210A
			Sample ID:	WG-TR1045-061025-009-SG	WG-TR1045-061025-008-JA	WG-TR1045-061125-023-SG	WG-TR1045-061125-027-SG	WG-TR1045-061125-030-JA
			Sample Date:	6/10/2025	6/10/2025	6/11/2025	6/11/2025	6/11/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**					
Semi-volatile Organic Compounds con't								
Chrysene	ug/L	NA	0.002	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50	9.8 U	9.8 U	9.8 U	9.8 U	**1.9 J**
Dimethyl phthalate	ug/L	NA	50	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50	9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U
Fluoranthene	ug/L	NA	50	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachloroethane	ug/L	5		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1		49 U	49 U	49 U	49 U	49 U
Phenanthrene	ug/L	NA	50	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	ug/L	1		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:				**0**	**0**	**0**	**0**	**1**
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	ug/L	0.09		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:				**0**	**0**	**0**	**0**	**0**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	8210	9205	9210	10205	10210A
				Sample ID:	WG-TR1045-061025-009-SG	WG-TR1045-061025-008-JA	WG-TR1045-061125-023-SG	WG-TR1045-061125-027-SG	WG-TR1045-061125-030-JA
				Sample Date:	6/10/2025	6/10/2025	6/11/2025	6/11/2025	6/11/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						
Pesticides									
4,4'-DDD	ug/L	0.3			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Dieldrin	ug/L	0.004			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**0**

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
R - Rejected
ND - Not detected
NA - Not available
NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)
1.7J -Detection greater than the MDL; does not exceed NYSWQS
4.0 -Exceeds NYSWQS ((Class GA Standard))

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10210B	10210C	10215	10225A	10225B
				Sample ID:	WG-TR1045-061125-028-JA	WG-TR1045-061125-026-JA	WG-TR1045-061125-024-JA	WG-TR1045-061225-034-JA	WG-TR1045-061225-036-JA
				Sample Date:	6/11/2025	6/11/2025	6/11/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						
Volatile Organic Compounds									
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U	1.0 U	**0.58 J**
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U	**0.34 J**	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					**0**	**0**	**0**	**1**	**1**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10210B	10210C	10215	10225A	10225B
				Sample ID:	WG-TR1045-061125-028-JA	WG-TR1045-061125-026-JA	WG-TR1045-061125-024-JA	WG-TR1045-061225-034-JA	WG-TR1045-061225-036-JA
				Sample Date:	6/11/2025	6/11/2025	6/11/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						
Semi-volatile Organic Compounds									
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ethe	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			R	R	R	R	R
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10210B	10210C	10215	10225A	10225B
				Sample ID:	WG-TR1045-061125-028-JA	WG-TR1045-061125-026-JA	WG-TR1045-061125-024-JA	WG-TR1045-061225-034-JA	WG-TR1045-061225-036-JA
				Sample Date:	6/11/2025	6/11/2025	6/11/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						
Semi-volatile Organic Compounds con't									
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		**1.3 J**	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					**1**	**0**	**0**	**0**	**0**
Polychlorinated Biphenyls									
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**0**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10210B	10210C	10215	10225A	10225B
				Sample ID:	WG-TR1045-061125-028-JA	WG-TR1045-061125-026-JA	WG-TR1045-061125-024-JA	WG-TR1045-061225-034-JA	WG-TR1045-061225-036-JA
				Sample Date:	6/11/2025	6/11/2025	6/11/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						
Pesticides									
4,4'-DDD	ug/L	0.3			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.049 U	0.049 U	0.049 U	**0.087**	0.049 U
alpha-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U	**0.025 J**	0.049 U
Dieldrin	ug/L	0.004			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.049 U	0.049 U	0.049 U	**0.059**	0.049 U
gamma-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:					**0**	**0**	**0**	**3**	**0**

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
R - Rejected
ND - Not detected
NA - Not available
NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)
1.7J -Detection greater than the MDL; does not exceed NYSWQS
4.0 -Exceeds NYSWQS ((Class GA Standard))

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10225C	10270	10272	10278	10278
				Sample ID:	WG-TR1045-061225-038-JA	WG-TR1045-061325-039-JA	WG-TR1045-061325-040-JA	WG-TR1045-061225-033-SG	WG-TR1045-061225-035-SG
				Sample Date:	6/12/2025	6/13/2025	6/13/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						**(Duplicate)**
Volatile Organic Compounds									
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L		60		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	5			**0.92 J**	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			**3.8**	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5			**5.3**	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 U
Vinyl chloride	ug/L	2			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Discrete Compounds Detected:					**3**	**0**	**0**	**0**	**0**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10225C	10270	10272	10278	10278
				Sample ID:	WG-TR1045-061225-038-JA	WG-TR1045-061325-039-JA	WG-TR1045-061325-040-JA	WG-TR1045-061225-033-SG	WG-TR1045-061225-035-SG
				Sample Date:	6/12/2025	6/13/2025	6/13/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						(Duplicate)
Semi-volatile Organic Compounds									
1,2,4-Trichlorobenzene	ug/L	5			2.9 J	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ethe	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 U	49 U	49 U	49 U	49 U
2,4-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitrophenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	ug/L	NA			R	R	49 U	R	R
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10225C	10270	10272	10278	10278
				Sample ID:	WG-TR1045-061225-038-JA	WG-TR1045-061325-039-JA	WG-TR1045-061325-040-JA	WG-TR1045-061225-033-SG	WG-TR1045-061225-035-SG
				Sample Date:	6/12/2025	6/13/2025	6/13/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						**(Duplicate)**
Semi-volatile Organic Compounds con't									
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 UJ	9.8 UJ	9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U	49 U	49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**0**
Polychlorinated Biphenyls									
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**0**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	10225C	10270	10272	10278	10278
				Sample ID:	WG-TR1045-061225-038-JA	WG-TR1045-061325-039-JA	WG-TR1045-061325-040-JA	WG-TR1045-061225-033-SG	WG-TR1045-061225-035-SG
				Sample Date:	6/12/2025	6/13/2025	6/13/2025	6/12/2025	6/12/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						**(Duplicate)**
Pesticides									
4,4'-DDD	ug/L	0.3			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	ug/L	0.2			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	ug/L	0.2			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	ug/L	ND			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	ug/L	0.01			0.037 J	0.049 U	0.049 U	0.049 U	0.049 U
alpha-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	ug/L	0.04			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Dieldrin	ug/L	0.004			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	ug/L	ND			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	ug/L	5			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-Chlordane	ug/L	0.05			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	ug/L	0.04			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	ug/L	35			0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	ug/L	0.06			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:					**0**	**0**	**0**	**0**	**0**

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
R - Rejected
ND - Not detected
NA - Not available
NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)
1.7J -Detection greater than the MDL; does not exceed NYSWQS
4.0 -Exceeds NYSWQS ((Class GA Standard))

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	MW-01	MW-02
				Sample ID:	WG-TR1045-060925-002-JA	WG-TR1045-060925-001-SG
				Sample Date:	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			
Volatile Organic Compounds						
1,1,1-Trichloroethane	ug/L	5			1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1			1.0 U	1.0 U
1,1-Dichloroethane	ug/L	5			1.0 U	1.0 U
1,1-Dichloroethene	ug/L	5			1.0 U	1.0 U
1,2-Dichloroethane	ug/L	0.6			1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1			1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			5.0 U	5.0 U
2-Hexanone	ug/L		50		5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			5.0 UJ	5.0 U
Acetone	ug/L		50		5.0 U	5.0 UJ
Benzene	ug/L	1			1.0 U	1.0 U
Bromodichloromethane	ug/L		50		1.0 U	1.0 U
Bromoform	ug/L		50		1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	5			1.0 UJ	1.0 UJ
Carbon disulfide	ug/L		60		**0.73 J**	1.0 U
Carbon tetrachloride	ug/L	5			1.0 U	1.0 U
Chlorobenzene	ug/L	5			1.0 U	1.0 U
Chloroethane	ug/L	5			1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	7			1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	5			1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U
Dibromochloromethane	ug/L		50		1.0 U	1.0 U
Ethylbenzene	ug/L	5			1.0 U	1.0 U
Methylene chloride	ug/L	5			1.0 U	1.0 U
Styrene	ug/L	5			1.0 U	1.0 U
Tetrachloroethene	ug/L	5			1.0 U	1.0 U
Toluene	ug/L	5			1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	5			1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	0.4			1.0 U	1.0 U
Trichloroethene	ug/L	5			1.0 U	1.0 U
Vinyl acetate	ug/L	NA			2.0 U	2.0 UJ
Vinyl chloride	ug/L	2			1.0 U	1.0 U
Xylenes (total)	ug/L	5			3.0 U	3.0 U
Discrete Compounds Detected:					**1**	**0**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	MW-01	MW-02
				Sample ID:	WG-TR1045-060925-002-JA	WG-TR1045-060925-001-SG
				Sample Date:	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			
Semi-volatile Organic Compounds						
1,2,4-Trichlorobenzene	ug/L	5			9.8 U	9.8 U
1,2-Dichlorobenzene	ug/L	3			9.8 U	9.8 U
1,3-Dichlorobenzene	ug/L	3			9.8 U	9.8 U
1,4-Dichlorobenzene	ug/L	3			9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ethe	ug/L	5			9.8 U	9.8 U
2,4,5-Trichlorophenol	ug/L	1			9.8 U	9.8 U
2,4,6-Trichlorophenol	ug/L	1			9.8 UJ	9.8 UJ
2,4-Dichlorophenol	ug/L	5			9.8 U	9.8 U
2,4-Dimethylphenol	ug/L	1	50		9.8 U	9.8 U
2,4-Dinitrophenol	ug/L	1	10		49 UJ	49 UJ
2,4-Dinitrotoluene	ug/L	5			9.8 UJ	9.8 UJ
2,6-Dinitrotoluene	ug/L	5			9.8 UJ	9.8 UJ
2-Chloronaphthalene	ug/L	NA	10		9.8 U	9.8 U
2-Chlorophenol	ug/L	1			9.8 U	9.8 U
2-Methylnaphthalene	ug/L	NA			9.8 U	9.8 U
2-Methylphenol	ug/L	1			9.8 U	9.8 U
2-Nitroaniline	ug/L	5			9.8 U	9.8 U
2-Nitrophenol	ug/L	1			9.8 UJ	9.8 UJ
3&4-Methylphenol	ug/L	NA			9.8 U	9.8 U
3,3'-Dichlorobenzidine	ug/L	5			9.8 U	9.8 U
3-Nitroaniline	ug/L	5			9.8 UJ	9.8 UJ
4,6-Dinitro-2-methylphenol	ug/L	1			49 UJ	49 UJ
4-Bromophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U
4-Chloro-3-methylphenol	ug/L	1			9.8 U	9.8 U
4-Chloroaniline	ug/L	5			9.8 U	9.8 U
4-Chlorophenyl phenyl ether	ug/L	NA			9.8 U	9.8 U
4-Nitroaniline	ug/L	5			9.8 UJ	9.8 UJ
4-Nitrophenol	ug/L	1			49 U	49 U
Acenaphthene	ug/L	NA	20		9.8 U	9.8 U
Acenaphthylene	ug/L	NA			9.8 U	9.8 U
Anthracene	ug/L	NA	50		9.8 U	9.8 U
Benzo(a)anthracene	ug/L	NA	0.002		9.8 U	9.8 U
Benzo(a)pyrene	ug/L	ND			9.8 U	9.8 U
Benzo(b)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U
Benzo(g,h,i)perylene	ug/L	NA			9.8 U	9.8 U
Benzo(k)fluoranthene	ug/L	NA	0.002		9.8 U	9.8 U
Benzoic acid	ug/L	NA			49 U	49 U
Benzyl alcohol	ug/L	NA			9.8 U	9.8 U
bis(2-Chloroethoxy)methane	ug/L	5			9.8 U	9.8 U
bis(2-Chloroethyl)ether	ug/L	1			9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			9.8 U	9.8 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		9.8 U	9.8 U

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	MW-01	MW-02
				Sample ID:	WG-TR1045-060925-002-JA	WG-TR1045-060925-001-SG
				Sample Date:	6/9/2025	6/9/2025
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**			
Semi-volatile Organic Compounds con't						
Chrysene	ug/L	NA	0.002		9.8 U	9.8 U
Dibenz(a,h)anthracene	ug/L	NA			9.8 U	9.8 U
Dibenzofuran	ug/L	NA			9.8 U	9.8 U
Diethyl phthalate	ug/L	NA	50		9.8 U	9.8 U
Dimethyl phthalate	ug/L	NA	50		9.8 U	9.8 U
Di-n-butylphthalate (DBP)	ug/L	50			9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		9.8 U	9.8 U
Fluoranthene	ug/L	NA	50		9.8 U	9.8 U
Fluorene	ug/L	NA	50		9.8 U	9.8 U
Hexachlorobenzene	ug/L	0.04			9.8 U	9.8 U
Hexachlorobutadiene	ug/L	0.5			9.8 U	9.8 U
Hexachlorocyclopentadiene	ug/L	5			9.8 U	9.8 U
Hexachloroethane	ug/L	5			9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		9.8 U	9.8 U
Isophorone	ug/L	NA	50		9.8 U	9.8 U
Naphthalene	ug/L	NA	10		9.8 U	9.8 U
Nitrobenzene	ug/L	0.4			9.8 U	9.8 U
N-Nitrosodi-n-propylamine	ug/L	NA			9.8 U	9.8 U
N-Nitrosodiphenylamine	ug/L	NA	50		9.8 U	9.8 U
Pentachlorophenol	ug/L	1			49 U	49 U
Phenanthrene	ug/L	NA	50		9.8 U	9.8 U
Phenol	ug/L	1			9.8 U	9.8 U
Pyrene	ug/L	NA	50		9.8 U	9.8 U
Discrete Compounds Detected:					**0**	**0**
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	ug/L	0.09			0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			0.98 U	0.98 U
Discrete Compounds Detected:					**0**	**0**

Table 3.3

2025 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sample Location:	**MW-01**	**MW-02**
			Sample ID:	**WG-TR1045-060925-002-JA**	**WG-TR1045-060925-001-SG**
			Sample Date:	**6/9/2025**	**6/9/2025**
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**		
Pesticides					
4,4'-DDD	ug/L	0.3		0.049 U	0.049 U
4,4'-DDE	ug/L	0.2		0.049 U	0.049 U
4,4'-DDT	ug/L	0.2		0.049 U	0.049 U
Aldrin	ug/L	ND		0.049 U	0.049 U
alpha-BHC	ug/L	0.01		0.049 U	0.049 U
alpha-Chlordane	ug/L	0.05		0.049 U	0.049 U
beta-BHC	ug/L	0.04		0.049 U	0.049 U
delta-BHC	ug/L	0.04		0.049 U	0.049 U
Dieldrin	ug/L	0.004		0.049 U	0.049 U
Endosulfan I	ug/L	NA		0.049 U	0.049 U
Endosulfan II	ug/L	NA		0.049 U	0.049 U
Endosulfan sulfate	ug/L	NA		0.049 U	0.049 U
Endrin	ug/L	ND		0.049 U	0.049 U
Endrin ketone	ug/L	5		0.049 U	0.049 U
gamma-BHC (lindane)	ug/L	0.05		0.049 U	0.049 U
gamma-Chlordane	ug/L	0.05		0.049 U	0.049 U
Heptachlor	ug/L	0.04		0.049 U	0.049 U
Heptachlor epoxide	ug/L	0.03		0.049 U	0.049 U
Methoxychlor	ug/L	35		0.049 U	0.049 U
Toxaphene	ug/L	0.06		0.50 U	0.50 U
Discrete Compounds Detected:				**0**	**0**

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
R - Rejected
ND - Not detected
NA - Not available
NYSWQS - New York State Water Quality Standard (TOGS 1.1.1.)
1.7J -Detection greater than the MDL; does not exceed NYSWQS
4.0 -Exceeds NYSWQS ((Class GA Standard))

Table 3.4

2025 Detection Summary
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

		Number of Discrete Compounds Detected			
Overburden Wells (without well 10135)	**Well Group**	**VOCs**	**SVOCs**	**PCBs**	**Pesticides**
7120	B	0	0	0	0
7130	A	0	0	0	0
7132	A	0	0	0	0
7155	B	0	0	0	0
7161	B	0	0	0	3
8106	A	0	0	0	0
8110	B	0 (0)	0 (0)	0 (0)	2 (0)
8120	B	0	0	0	0
8130	B	0	0	0	0
8140	B	0	0	0	0
9110	B	0	0	0	0
9115	B	0	0	0	0
9120	B	0	0	0	0
9125	B	0	0	0	0
9130	B	0	0	0	0
9140	B	0	0*	0	0
10105	B	0	0*	0	0
10147	B	0	0	0	0
10174A	B	0	0*	0	0
10178A	A	0	0*	0	3
10178B	A	0	0*	0	3
Total Overburden Well Detections		**0 (0)**	**0 (0)**	**0 (0)**	**4 (0)**
Number of Discrete Compounds Detected		**0 (0)**	**0 (0)**	**0 (0)**	**5 (0)**

Well 10135	**Well Group**	**VOCs**	**SVOCs**	**PCBs**	**Pesticides**
10135	A	3 (3)	12 (11)	0 (0)	4** (4)
Total Well 10135 Well Detections		**1 (1)**	**1 (1)**	**0 (0)**	**1* (1)**
Number of Discrete Compounds Detected		**3 (3)**	**12 (11)**	**0 (0)**	**4 (4)**

Bedrock Wells	**Well Group**	**VOCs**	**SVOCs**	**PCBs**	**Pesticides**
3257	A	0	0	0	0
5221	A	0	0	0	0
6209	A	0	0*	0	0
7205	A	0	0	0	0
8210	A	0	0	0	0
9205	A	0	0	0	0
9210	A	0	0*	0	0
10205	A	0	0*	0	0
10210A	A	1	1*	0	0
10210B	A	0	1*	0	0
10210C	A	0	0*	0	0
10215	A	0	0*	0	0
10225A	A	1	0*	0	3
10225B	A	1	0*	0	0
10225C	A	3	0*	0	0
10270	A	0	0*	0	0
10272	A	0	0	0	0
10278	A	0	0*	0	0
MW-01	X	1	0	0	0
MW-02	X	0	0	0	0
Total Bedrock Well Detections		**5**	**2**	**0**	**1**
Number of Discrete Compounds Detected		**5**	**1**	**0**	**3**

Notes:

* - A portion of the data was rejected during data validation; rejected data is not included in total. Rejected results were non-detect.
** - A portion of the data was rejected during data validation; rejected data is not included in total. See attached lab reports for rejected results.
A - Annual Well
B - Biannual Well
X - Additional annual well added to program in 2011
( ) - Results for duplicate sample
PCBs - Polychlorinated Biphenyls
SVOCs - Semi-Volatile Organic Compounds
VOCs - Volatile Organic Compounds
Total Well Detections = total of wells with detections
Number of Discrete Compounds Detected = number of the compounds that were detected in all wells with detections

Table 3.5

2025 Annual Sampling Wells Groundwater Elevations
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well	Date	Reference Elevation (ft AMSL)	Constructed Well Depth (ft)	Measured Well Depth* (ft)	Water Depth (ft)	Groundwater Elevation (ft AMSL)
3257	6/9/2025	572.38	28.95	NM	8.20	564.18
5221	6/16/2025	576.80	44.60	NM	11.57	565.23
6209	6/10/2025	577.55	45.05	NM	13.28	564.27
7120	6/9/2025	577.44	33.21	NM	6.53	570.91
7130	6/10/2025	576.21	29.43	NM	11.95	564.26
7132	6/13/2025	576.94	30.62	NM	12.75	564.19
7155	6/13/2025	576.15	29.31	NM	12.24	563.91
7161	6/9/2025	571.96	21.16	NM	10.82	561.14
7205 (DUP)	6/9/2025	576.77	51.08	NM	12.48	564.29
8106	6/9/2025	572.04	16.53	NM	6.95	565.09
8110 (DUP)	6/10/2025	578.97	26.61	NM	10.45	568.52
8120	6/10/2025	575.97	29.81	NM	6.20	569.77
8130	6/10/2025	578.08	33.02	NM	13.59	564.49
8140	6/10/2025	577.77	34.37	NM	9.43	568.34
8210	6/10/2025	573.36	44.66	NM	7.95	565.41
9110	6/10/2025	576.43	26.78	NM	11.58	564.85
9115	6/10/2025	576.96	21.22	NM	8.22	568.74
9120	6/10/2025	576.54	23.23	NM	6.92	569.62
9125	6/10/2025	576.08	26.93	NM	7.89	568.19
9130	6/10/2025	575.31	33.16	NM	6.97	568.34
9140	6/11/2025	577.82	28.81	NM	7.78	570.04
9205	6/10/2025	574.38	49.66	NM	9.23	565.15
9210	6/11/2025	581.43	81.77	NM	17.15	564.28
10105	6/11/2025	576.54	29.16	NM	7.24	569.30
10135 (DUP)	6/16/2025	582.30	31.10	NM	12.65	569.65
10147	6/16/2025	575.29	29.41	NM	6.24	569.05
10272	6/13/2025	577.48	51.01	NM	13.07	564.41
10174A	6/12/2025	576.56	15.47	NM	7.51	569.05
10178A	6/12/2025	574.55	13.46	NM	4.63	569.92
10178B	6/12/2025	574.61	20.82	NM	5.65	568.96
10205	6/11/2025	599.59	53.94	NM	13.40	586.19
10210A	6/11/2025	576.12	216.41	NM	1.32	574.80
10210B	6/11/2025	576.50	140.10	NM	12.44	564.06
10210C	6/11/2025	576.18	83.59	NM	12.02	564.16
10215	6/11/2025	576.92	58.93	NM	12.51	564.41
10225A	6/12/2025	576.60	207.32	NM	11.67	564.93
10225B	6/12/2025	576.49	139.80	NM	12.27	564.22
10225C	6/12/2025	576.97	64.94	NM	12.70	564.27
10270	6/13/2025	575.86	48.67	NM	12.00	563.86
10278 (DUP)	6/12/2025	575.82	48.67	NM	11.48	564.34
MW-1	6/9/2025	572.09	37.48	NM	7.58	564.51
MW-2	6/9/2025	571.64	38.51	NM	7.05	564.59

Notes:

* Well depths were not measured due to the annual groundwater sampling having already occurred prior to receipt of the 2024 PRR approval letter.

NM = Not measured

ft = feet

ft AMSL = feet above mean sea level

DUP = field duplicate location

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A
Sample Date:	**7/24/1990**	**8/22/1991**	**8/26/1992**	**8/11/1993**	**5/25/1995**	**7/1/1996**	**7/10/1997**	**6/26/1998**	**6/23/1999**	**6/21/2000**	**5/18/2001**	**6/13/2002**	**5/27/2003**	**6/3/2004**	**6/28/2005**	**7/6/2006**
Parameters																
Volatile Organic Compounds (µg/L)																
1,1,1-Trichloroethane																
1,1,2,2-Tetrachloroethane				0.2												
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene																
1,2-Dichloroethane																
1,2-Dichloroethene (total)																
1,2-Dichloropropane				0.04												
2-Butanone (Methyl Ethyl Ketone)									2 J			3 J		4 J		
2-Hexanone				0.4					3 J							
Acetone	14 C			13 B				120 J			10 J					
Benzene				0.1												
Bromodichloromethane																
Bromoform				0.03												
Bromomethane (Methyl bromide)																
Carbon Disulfide				2	20	310					6 J			6 J	1.6 J	1 J
Chlorobenzene																
Chloroform																
Chlorotoluenes																
cis-1,2-Dichloroethene																
Dibromochloromethane				0.08												
Dichlorotoluene, total																
Ethylbenzene				0.6												
m&p-Xylenes																
Methylene Chloride				0.3												
o-Xylene																
Styrene				0.1												
Tetrachloroethene				0.07												
Toluene				0.4					2 J						2.3 J	
trans-1,2-Dichloroethene																
Trichloroethene				0.1												
Trichlorotoluene, total																
Vinyl Acetate																
Vinyl Chloride																
Xylenes (total)				1												

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A
Sample Date:	7/24/1990	8/22/1991	8/26/1992	8/11/1993	5/25/1995	7/1/1996	7/10/1997	6/26/1998	6/23/1999	6/21/2000	5/18/2001	6/13/2002	5/27/2003	6/3/2004	6/28/2005	7/6/2006
Parameters																
Semi-volatile Organic Compounds (µg/L)																
1,2,4-Trichlorobenzene																
1,2-Dichlorobenzene																
1,3-Dichlorobenzene																
1,4-Dichlorobenzene																
2,4,5-Trichlorophenol																
2,4,6-Trichlorophenol																
2,4-Dichlorophenol																
2,4-Dimethylphenol																
2,4-Dinitrotoluene																
2-Chloronaphthalene																
2-Chlorophenol																
2-Methylnaphthalene																
2-Methylphenol																
3&4-Methylphenol																
2-Nitrophenol																
3,5-Dichlorotoluene																
4-Chloro-3-methylphenol																
4-Chlorophenyl phenyl ether																
4-Methylphenol																
Acetic acid																
Anthracene																
Benzo(a)pyrene																
Benzo(b)fluoranthene																
Benzo(g,h,i)perylene																
Benzo(k)fluoranthene																
Benzoic Acid							12 J						3 J	3 J	2.7 J	
Benzyl Alcohol																
Bis(2-Chloroethyl)Ether																
bis(2-Ethylhexyl)Phthalate		12	21	31	51									1 J	1.7 J	8 J
Butyl benzylphthalate (BBP)				3												
Camphor																
Carbazole																
Chlorobenzoic acid																
Chrysene																
Dibenz(a,h)anthracene																
Diethyl phthalate																
Dimethyl Phthalate	16															
Dimethyl tetrasulfide				22												
Di-n-butyl phthalate (DBP)		2		0.9												
Di-n-octyl phthalate (DnOP)	3 B															
Fluoranthene																
Hexachlorobenzene																
Hexachloroethane																
Indeno(1,2,3-cd)pyrene																
Naphthalene																

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A
Sample Date:	**7/24/1990**	**8/22/1991**	**8/26/1992**	**8/11/1993**	**5/25/1995**	**7/1/1996**	**7/10/1997**	**6/26/1998**	**6/23/1999**	**6/21/2000**	**5/18/2001**	**6/13/2002**	**5/27/2003**	**6/3/2004**	**6/28/2005**	**7/6/2006**
Parameters																
Semi-volatile Organic Compounds (µg/L) (con't)																
N-Nitrosodiphenylamine																
Pentachlorophenol																
Phenanthrene																
Phenol									1 J				5 J	1 J	1.7 J	
Pyrene																
Pesticides/PCBs (µg/L)																
4,4'-DDD													0.013 J			
4,4'-DDE																
Aldrin																
Alpha-BHC									0.28							
Alpha-Chlordane																
Aroclor-1260 (PCB-1260)																
beta&gamma-BHC (sum of isomers)																
Beta-BHC									0.035 J				0.020 J	0.011 J		
Delta-BHC				0.0061									0.062 J	0.043 J		
Dieldrin																
Endosulfan I									0.046 J							
Endosulfan II																
Endosulfan Sulfate																
Endrin																
Endrin ketone																
Gamma-BHC (Lindane)									0.10 J				0.039 J			
Gamma-Chlordane																
Heptachlor																
Heptachlor epoxide																
Methoxychlor																

Notes:

- Highlighted column indicates current year sampling event data
* - Sample re-extracted and analyzed due to QC issue; 1st sample biased low; 2nd result re-extract possibly out of hold time
D - Sample result is from a dilution
C - Sample result was confirmed
E - Sample result was greater than the highest calibration level
N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A
Sample Date:	7/26/2007	7/17/2008	7/15/2009	6/24/2010	7/19/2011	6/22/2012	6/13/2013	6/27/2014	6/26/2015	6/24/2016	7/10/2017	7/23/2018	6/14/2019	7/9/2020	6/17/2021	9/23/2022
Parameters																
Volatile Organic Compounds (µg/L)																
1,1,1-Trichloroethane																
1,1,2,2-Tetrachloroethane																
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene																
1,2-Dichloroethane																
1,2-Dichloroethene (total)																
1,2-Dichloropropane																
2-Butanone (Methyl Ethyl Ketone)															4.0 J	
2-Hexanone																
Acetone				5.2 J						3.5 J	8.4 J		5.8 J		19	
Benzene																
Bromodichloromethane																
Bromoform																
Bromomethane (Methyl bromide)										6.1						
Carbon Disulfide	8 J	24				2.7 J			2.9 J		2.0 J	340	51	9.2 J	4.5 J	6.6 J
Chlorobenzene																
Chloroform																
Chlorotoluenes																
cis-1,2-Dichloroethene																
Dibromochloromethane																
Dichlorotoluene, total																
Ethylbenzene										0.28 J	0.35 J	0.22 J			0.26 J	
m&p-Xylenes																
Methylene Chloride																
o-Xylene																
Styrene																
Tetrachloroethene																
Toluene															0.24 J	0.78 J
trans-1,2-Dichloroethene																
Trichloroethene				6.3												
Trichlorotoluene, total																
Vinyl Acetate																
Vinyl Chloride																
Xylenes (total)												0.27 J	0.29 J			0.23 J

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A
Sample Date:	7/26/2007	7/17/2008	7/15/2009	6/24/2010	7/19/2011	6/22/2012	6/13/2013	6/27/2014	6/26/2015	6/24/2016	7/10/2017	7/23/2018	6/14/2019	7/9/2020	6/17/2021	9/23/2022
Parameters																
Semi-volatile Organic Compounds (µg/L)																
1,2,4-Trichlorobenzene																
1,2-Dichlorobenzene																
1,3-Dichlorobenzene																
1,4-Dichlorobenzene																
2,4,5-Trichlorophenol																
2,4,6-Trichlorophenol																
2,4-Dichlorophenol																
2,4-Dimethylphenol																
2,4-Dinitrotoluene																
2-Chloronaphthalene																
2-Chlorophenol																
2-Methylnaphthalene																
2-Methylphenol																
3&4-Methylphenol																
2-Nitrophenol																
3,5-Dichlorotoluene																
4-Chloro-3-methylphenol																
4-Chlorophenyl phenyl ether																
4-Methylphenol																
Acetic acid																
Anthracene																
Benzo(a)pyrene																
Benzo(b)fluoranthene																
Benzo(g,h,i)perylene																
Benzo(k)fluoranthene																
Benzoic Acid			5.8 J													
Benzyl Alcohol																
Bis(2-Chloroethyl)Ether																
bis(2-Ethylhexyl)Phthalate			2.5 J											3.9 J		
Butyl benzylphthalate (BBP)																
Camphor																
Carbazole																
Chlorobenzoic acid																
Chrysene																
Dibenz(a,h)anthracene																
Diethyl phthalate																
Dimethyl Phthalate																
Dimethyl tetrasulfide																
Di-n-butyl phthalate (DBP)														2.3 J		
Di-n-octyl phthalate (DnOP)																
Fluoranthene																
Hexachlorobenzene																
Hexachloroethane																
Indeno(1,2,3-cd)pyrene																
Naphthalene									0.41 J							

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A	10210A
Sample Date:	**7/26/2007**	**7/17/2008**	**7/15/2009**	**6/24/2010**	**7/19/2011**	**6/22/2012**	**6/13/2013**	**6/27/2014**	**6/26/2015**	**6/24/2016**	**7/10/2017**	**7/23/2018**	**6/14/2019**	**7/9/2020**	**6/17/2021**	**9/23/2022**
Parameters																
Semi-volatile Organic Compounds (µg/L) (con't)																
N-Nitrosodiphenylamine																
Pentachlorophenol																
Phenanthrene																
Phenol																
Pyrene																
Pesticides/PCBs (µg/L)																
4,4'-DDD																
4,4'-DDE																
Aldrin																
Alpha-BHC				0.14 J						0.086			0.10	0.12	0.082	0.035 J
Alpha-Chlordane									0.030							
Aroclor-1260 (PCB-1260)																
beta&gamma-BHC (sum of isomers)																
Beta-BHC		0.015 J		0.12 J												
Delta-BHC				0.12 J			0.067 J			0.067 J		0.032 J	0.045 J	0.088	0.065	0.040 J
Dieldrin																
Endosulfan I																
Endosulfan II																
Endosulfan Sulfate																
Endrin																
Endrin ketone																
Gamma-BHC (Lindane)				0.12 J						0.083		0.021 J	0.080	0.150	0.078	0.030 J
Gamma-Chlordane																
Heptachlor																
Heptachlor epoxide																
Methoxychlor																

Notes:

- Highlighted column indicates current year sampling event data
* - Sample re-extracted and analyzed due to QC issue; 1st sample biased low; 2nd result re-extract possibly out of hold time
D - Sample result is from a dilution
C - Sample result was confirmed
E - Sample result was greater than the highest calibration level
N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	**6/19/2023**	**06/06/2024**	**6/11/2025**	**7/24/1990**	**8/22/1991**	**8/26/1992**	**8/11/1993**	**6/15/1994**	**6/1/1995**	**7/5/1996**	**7/1/1997**	**6/18/1998**	**6/24/1999**	**6/15/2000**	**5/17/2001**	**6/10/2002**
Parameters																
Volatile Organic Compounds (µg/L)																
1,1,1-Trichloroethane																
1,1,2,2-Tetrachloroethane																
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene								0.06								
1,2-Dichloroethane																
1,2-Dichloroethene (total)																
1,2-Dichloropropane																
2-Butanone (Methyl Ethyl Ketone)								4								
2-Hexanone																
Acetone		10 UJ				31	6	12 B	23						12 J	
Benzene							0.3	0.3								
Bromodichloromethane																
Bromoform																
Bromomethane (Methyl bromide)		5.0 UJ					0.2									
Carbon Disulfide	18	160					2	0.4				8 J	2 J		14	3 J
Chlorobenzene								0.2								
Chloroform																
Chlorotoluenes																
cis-1,2-Dichloroethene																
Dibromochloromethane																
Dichlorotoluene, total																
Ethylbenzene							0.2	0.08								
m&p-Xylenes																
Methylene Chloride							0.4	0.2								
o-Xylene																
Styrene																
Tetrachloroethene							0.06									
Toluene	0.34 J	0.29 J	0.32 J	1.8				0.5					2 J	1 J		
trans-1,2-Dichloroethene																
Trichloroethene							0.1	0.1								
Trichlorotoluene, total																
Vinyl Acetate																
Vinyl Chloride																
Xylenes (total)							0.5	0.5								

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	6/19/2023	06/06/2024	6/11/2025	7/24/1990	8/22/1991	8/26/1992	8/11/1993	6/15/1994	6/1/1995	7/5/1996	7/1/1997	6/18/1998	6/24/1999	6/15/2000	5/17/2001	6/10/2002
Parameters																
Semi-volatile Organic Compounds (µg/L)																
1,2,4-Trichlorobenzene																
1,2-Dichlorobenzene																
1,3-Dichlorobenzene																
1,4-Dichlorobenzene																
2,4,5-Trichlorophenol																
2,4,6-Trichlorophenol																
2,4-Dichlorophenol																
2,4-Dimethylphenol																
2,4-Dinitrotoluene																
2-Chloronaphthalene																
2-Chlorophenol																
2-Methylnaphthalene								0.06								
2-Methylphenol																
3&4-Methylphenol																
2-Nitrophenol																
3,5-Dichlorotoluene																
4-Chloro-3-methylphenol																
4-Chlorophenyl phenyl ether																
4-Methylphenol								0.2								
Acetic acid																
Anthracene																
Benzo(a)pyrene								0.07								
Benzo(b)fluoranthene								0.08								
Benzo(g,h,i)perylene								0.1								
Benzo(k)fluoranthene								0.04								
Benzoic Acid																
Benzyl Alcohol																
Bis(2-Chloroethyl)Ether																
bis(2-Ethylhexyl)Phthalate				7 B	13		11	9			55	6 J				
Butyl benzylphthalate (BBP)								0.2								
Camphor																
Carbazole								0.05								
Chlorobenzoic acid																
Chrysene																
Dibenz(a,h)anthracene								0.1								
Diethyl phthalate		2.3 J	1.9 J					0.3								
Dimethyl Phthalate																
Dimethyl tetrasulfide																
Di-n-butyl phthalate (DBP)				1	1			0.6							3 J	
Di-n-octyl phthalate (DnOP)								0.1								
Fluoranthene								0.04								
Hexachlorobenzene																
Hexachloroethane																
Indeno(1,2,3-cd)pyrene								0.1								
Naphthalene																

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210A	10210A	10210A	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	**6/19/2023**	**06/06/2024**	**6/11/2025**	**7/24/1990**	**8/22/1991**	**8/26/1992**	**8/11/1993**	**6/15/1994**	**6/1/1995**	**7/5/1996**	**7/1/1997**	**6/18/1998**	**6/24/1999**	**6/15/2000**	**5/17/2001**	**6/10/2002**
Parameters																
Semi-volatile Organic Compounds (µg/L) (con't)																
N-Nitrosodiphenylamine								0.2								
Pentachlorophenol				1				0.3								
Phenanthrene								0.07								
Phenol				3	3			2								
Pyrene								0.04								
Pesticides/PCBs (µg/L)																
4,4'-DDD																
4,4'-DDE																
Aldrin																
Alpha-BHC																
Alpha-Chlordane																
Aroclor-1260 (PCB-1260)																
beta&gamma-BHC (sum of isomers)																
Beta-BHC																
Delta-BHC																
Dieldrin																
Endosulfan I																
Endosulfan II																
Endosulfan Sulfate																
Endrin																
Endrin ketone																
Gamma-BHC (Lindane)																
Gamma-Chlordane																
Heptachlor																
Heptachlor epoxide																
Methoxychlor																

Notes:

- Highlighted column indicates current year sampling event data
* - Sample re-extracted and analyzed due to QC issue; 1st sample biased low; 2nd result re-extract possibly out of hold time
D - Sample result is from a dilution
C - Sample result was confirmed
E - Sample result was greater than the highest calibration level
N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	5/23/2003	6/2/2004	6/24/2005	6/28/2006	7/26/2007	7/17/2008	7/15/2009	7/15/2009	7/9/2009	6/15/2010	7/14/2011	6/18/2012	6/15/2013	6/26/2014	7/2/2015
Parameters															
Volatile Organic Compounds (µg/L)															
1,1,1-Trichloroethane															
1,1,2,2-Tetrachloroethane															
1,1,2-Trichloroethane															
1,1-Dichloroethane															
1,1-Dichloroethene															
1,2-Dichloroethane															
1,2-Dichloroethene (total)															
1,2-Dichloropropane															
2-Butanone (Methyl Ethyl Ketone)	23														
2-Hexanone															
Acetone															
Benzene															
Bromodichloromethane															
Bromoform															
Bromomethane (Methyl bromide)															
Carbon Disulfide	2 J		1.4 J	1 J	6 J					4.0 J	4.6 J	6.1 J		2.9 J	7.9
Chlorobenzene		1 J													
Chloroform															
Chlorotoluenes															
cis-1,2-Dichloroethene															
Dibromochloromethane															
Dichlorotoluene, total															
Ethylbenzene															
m&p-Xylenes															
Methylene Chloride													1.2 J		
o-Xylene															
Styrene															
Tetrachloroethene		9 J													
Toluene			1.1 J												
trans-1,2-Dichloroethene															
Trichloroethene															
Trichlorotoluene, total															
Vinyl Acetate															
Vinyl Chloride															
Xylenes (total)															

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	5/23/2003	6/2/2004	6/24/2005	6/28/2006	7/26/2007	7/17/2008	7/15/2009	7/15/2009	7/9/2009	6/15/2010	7/14/2011	6/18/2012	6/15/2013	6/26/2014	7/2/2015
Parameters															
Semi-volatile Organic Compounds (µg/L)															
1,2,4-Trichlorobenzene	3 J														
1,2-Dichlorobenzene															
1,3-Dichlorobenzene															
1,4-Dichlorobenzene															
2,4,5-Trichlorophenol															
2,4,6-Trichlorophenol															
2,4-Dichlorophenol															
2,4-Dimethylphenol															
2,4-Dinitrotoluene															
2-Chloronaphthalene															
2-Chlorophenol															
2-Methylnaphthalene															
2-Methylphenol															
3&4-Methylphenol															
2-Nitrophenol															
3,5-Dichlorotoluene															
4-Chloro-3-methylphenol															
4-Chlorophenyl phenyl ether															
4-Methylphenol															
Acetic acid															
Anthracene															
Benzo(a)pyrene															
Benzo(b)fluoranthene															
Benzo(g,h,i)perylene															
Benzo(k)fluoranthene															
Benzoic Acid				2 J											
Benzyl Alcohol															
Bis(2-Chloroethyl)Ether															
bis(2-Ethylhexyl)Phthalate		4 J	4.5 J	3 J											
Butyl benzylphthalate (BBP)															
Camphor															
Carbazole															
Chlorobenzoic acid															
Chrysene															
Dibenz(a,h)anthracene															
Diethyl phthalate												1.8 J			
Dimethyl Phthalate															
Dimethyl tetrasulfide															
Di-n-butyl phthalate (DBP)															
Di-n-octyl phthalate (DnOP)															
Fluoranthene															
Hexachlorobenzene	1 J														
Hexachloroethane															
Indeno(1,2,3-cd)pyrene															
Naphthalene															

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	**5/23/2003**	**6/2/2004**	**6/24/2005**	**6/28/2006**	**7/26/2007**	**7/17/2008**	**7/15/2009**	**7/15/2009**	**7/9/2009**	**6/15/2010**	**7/14/2011**	**6/18/2012**	**6/15/2013**	**6/26/2014**	**7/2/2015**
Parameters															
Semi-volatile Organic Compounds (µg/L) (con't)															
N-Nitrosodiphenylamine															
Pentachlorophenol															
Phenanthrene															
Phenol															
Pyrene															
Pesticides/PCBs (µg/L)															
4,4'-DDD															
4,4'-DDE		0.011 J													
Aldrin				0.0089 J											
Alpha-BHC	19	2.4	0.37	0.58	0.016 J		0.064	0.050	0.050 / 0.064		0.048 J				
Alpha-Chlordane															
Aroclor-1260 (PCB-1260)															
beta&gamma-BHC (sum of isomers)															
Beta-BHC	1.9	0.53	0.082 P	0.082											
Delta-BHC	0.56 J	0.15		0.047 J			0.032 J	0.028 J	0.028 J / 0.032 J	0.050 J	0.042 J				
Dieldrin	0.13 J														
Endosulfan I	0.11 J														
Endosulfan II															
Endosulfan Sulfate															
Endrin															
Endrin ketone															
Gamma-BHC (Lindane)	2.1	0.39	0.046 J	0.099			0.038 J	0.033 J	0.038 J / 0.033 J		0.061 J				
Gamma-Chlordane	0.15 J														
Heptachlor											0.053 J				
Heptachlor epoxide	0.35 J														
Methoxychlor															

Notes:

- Highlighted column indicates current year sampling event data
* - Sample re-extracted and analyzed due to QC issue; 1st sample biased low; 2nd result re-extract possibly out of hold time
D - Sample result is from a dilution
C - Sample result was confirmed
E - Sample result was greater than the highest calibration level
N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	6/28/2016	7/10/2017	7/19/2018	6/17/2019	6/30/2020	6/14/2021	09/23/2022	06/14/2023	06/06/2024	6/11/2025	7/25/1990	8/22/1991	8/26/1992	8/11/1993	6/8/1994	6/1/1995
Parameters																
Volatile Organic Compounds (µg/L)																
1,1,1-Trichloroethane																
1,1,2,2-Tetrachloroethane																
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene																
1,2-Dichloroethane																
1,2-Dichloroethene (total)																
1,2-Dichloropropane																
2-Butanone (Methyl Ethyl Ketone)																
2-Hexanone																
Acetone		2.6 J							10 UJ				10 B		19 B	
Benzene																
Bromodichloromethane																
Bromoform																
Bromomethane (Methyl bromide)									5.0 UJ							
Carbon Disulfide		3.4 J	20	4.2 J	4.3 J	3.5 J	1.9 J								0.6	
Chlorobenzene								0.75 J								
Chloroform																
Chlorotoluenes																
cis-1,2-Dichloroethene																
Dibromochloromethane																
Dichlorotoluene, total																
Ethylbenzene																
m&p-Xylenes																
Methylene Chloride															0.2	
o-Xylene																
Styrene																
Tetrachloroethene																
Toluene											3					
trans-1,2-Dichloroethene																
Trichloroethene							0.27 J									
Trichlorotoluene, total																
Vinyl Acetate																
Vinyl Chloride																
Xylenes (total)							0.36 J									

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	6/28/2016	7/10/2017	7/19/2018	6/17/2019	6/30/2020	6/14/2021	09/23/2022	06/14/2023	06/06/2024	6/11/2025	7/25/1990	8/22/1991	8/26/1992	8/11/1993	6/8/1994	6/1/1995
Parameters																
Semi-volatile Organic Compounds (µg/L)																
1,2,4-Trichlorobenzene																
1,2-Dichlorobenzene																
1,3-Dichlorobenzene																
1,4-Dichlorobenzene																
2,4,5-Trichlorophenol																
2,4,6-Trichlorophenol																
2,4-Dichlorophenol																
2,4-Dimethylphenol																
2,4-Dinitrotoluene																
2-Chloronaphthalene																
2-Chlorophenol																
2-Methylnaphthalene																
2-Methylphenol															5	
3&4-Methylphenol																
2-Nitrophenol																
3,5-Dichlorotoluene																
4-Chloro-3-methylphenol																
4-Chlorophenyl phenyl ether																
4-Methylphenol															6	29
Acetic acid														11		
Anthracene																
Benzo(a)pyrene																
Benzo(b)fluoranthene																
Benzo(g,h,i)perylene																
Benzo(k)fluoranthene																
Benzoic Acid																
Benzyl Alcohol																
Bis(2-Chloroethyl)Ether																
bis(2-Ethylhexyl)Phthalate											7 B	13			8	
Butyl benzylphthalate (BBP)											1				0.4	
Camphor																
Carbazole																
Chlorobenzoic acid																
Chrysene																
Dibenz(a,h)anthracene																
Diethyl phthalate										1.3 J	1				0.2	
Dimethyl Phthalate																
Dimethyl tetrasulfide																
Di-n-butyl phthalate (DBP)											2	3			0.5	
Di-n-octyl phthalate (DnOP)															0.04	
Fluoranthene																
Hexachlorobenzene																
Hexachloroethane												1				
Indeno(1,2,3-cd)pyrene																
Naphthalene																

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	6/28/2016	7/10/2017	7/19/2018	6/17/2019	6/30/2020	6/14/2021	09/23/2022	06/14/2023	06/06/2024	6/11/2025	7/25/1990	8/22/1991	8/26/1992	8/11/1993	6/8/1994	6/1/1995
Parameters																
Semi-volatile Organic Compounds (µg/L) (con't)																
N-Nitrosodiphenylamine																
Pentachlorophenol																
Phenanthrene															0.03	
Phenol											2	6				22
Pyrene																
Pesticides/PCBs (µg/L)																
4,4'-DDD																
4,4'-DDE																
Aldrin																
Alpha-BHC	0.056 J			0.054	0.12		0.091									
Alpha-Chlordane																
Aroclor-1260 (PCB-1260)																
beta&gamma-BHC (sum of isomers)																
Beta-BHC																
Delta-BHC	0.17 J				0.076	0.082	0.027 J									
Dieldrin																
Endosulfan I																
Endosulfan II																
Endosulfan Sulfate																
Endrin																
Endrin ketone																
Gamma-BHC (Lindane)	0.084			0.055	0.10	0.076	0.039 J									
Gamma-Chlordane																
Heptachlor																
Heptachlor epoxide																
Methoxychlor																

Notes:

- Highlighted column indicates current year sampling event data
* - Sample re-extracted and analyzed due to QC issue; 1st sample biased low; 2nd result re-extract possibly out of hold time
D - Sample result is from a dilution
C - Sample result was confirmed
E - Sample result was greater than the highest calibration level
N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	7/1/1996	7/1/1997	6/22/1998	6/24/1999	6/15/2000	5/17/2001	6/10/2002	5/23/2003	6/7/2004	6/23/2005	6/28/2006	7/26/2007	7/16/2008	7/13/2009	6/15/2010
Parameters															
Volatile Organic Compounds (µg/L)															
1,1,1-Trichloroethane															
1,1,2,2-Tetrachloroethane															
1,1,2-Trichloroethane															
1,1-Dichloroethane															
1,1-Dichloroethene															
1,2-Dichloroethane															
1,2-Dichloroethene (total)															
1,2-Dichloropropane															
2-Butanone (Methyl Ethyl Ketone)															
2-Hexanone															
Acetone				2100	8 J	9 J				1.9 J					
Benzene															
Bromodichloromethane															
Bromoform															
Bromomethane (Methyl bromide)															
Carbon Disulfide					3 J								2 J		
Chlorobenzene											2 J				
Chloroform															
Chlorotoluenes															
cis-1,2-Dichloroethene															
Dibromochloromethane															
Dichlorotoluene, total															
Ethylbenzene															
m&p-Xylenes															
Methylene Chloride															
o-Xylene															
Styrene															
Tetrachloroethene											6 J				
Toluene									29 / 23						
trans-1,2-Dichloroethene															
Trichloroethene															
Trichlorotoluene, total															
Vinyl Acetate															
Vinyl Chloride															
Xylenes (total)															

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	7/1/1996	7/1/1997	6/22/1998	6/24/1999	6/15/2000	5/17/2001	6/10/2002	5/23/2003	6/7/2004	6/23/2005	6/28/2006	7/26/2007	7/16/2008	7/13/2009	6/15/2010
Parameters															
Semi-volatile Organic Compounds (µg/L)															
1,2,4-Trichlorobenzene											6 J				
1,2-Dichlorobenzene															
1,3-Dichlorobenzene															
1,4-Dichlorobenzene															
2,4,5-Trichlorophenol															
2,4,6-Trichlorophenol															
2,4-Dichlorophenol															
2,4-Dimethylphenol															
2,4-Dinitrotoluene															
2-Chloronaphthalene															
2-Chlorophenol															
2-Methylnaphthalene															
2-Methylphenol															
3&4-Methylphenol															
2-Nitrophenol															
3,5-Dichlorotoluene															
4-Chloro-3-methylphenol															
4-Chlorophenyl phenyl ether															
4-Methylphenol	110	62	0.6J												
Acetic acid															
Anthracene															
Benzo(a)pyrene															
Benzo(b)fluoranthene															
Benzo(g,h,i)perylene															
Benzo(k)fluoranthene															
Benzoic Acid															
Benzyl Alcohol															
Bis(2-Chloroethyl)Ether															
bis(2-Ethylhexyl)Phthalate									29 / 5 J		5 J				
Butyl benzylphthalate (BBP)															
Camphor															
Carbazole															
Chlorobenzoic acid															
Chrysene															
Dibenz(a,h)anthracene															
Diethyl phthalate															4.4 J
Dimethyl Phthalate															0.87 J
Dimethyl tetrasulfide															
Di-n-butyl phthalate (DBP)															
Di-n-octyl phthalate (DnOP)															
Fluoranthene															
Hexachlorobenzene															
Hexachloroethane															
Indeno(1,2,3-cd)pyrene															
Naphthalene															

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	**7/1/1996**	**7/1/1997**	**6/22/1998**	**6/24/1999**	**6/15/2000**	**5/17/2001**	**6/10/2002**	**5/23/2003**	**6/7/2004**	**6/23/2005**	**6/28/2006**	**7/26/2007**	**7/16/2008**	**7/13/2009**	**6/15/2010**
Parameters															
Semi-volatile Organic Compounds (µg/L) (con't)															
N-Nitrosodiphenylamine															
Pentachlorophenol															
Phenanthrene															
Phenol		22													
Pyrene															
Pesticides/PCBs (µg/L)															
4,4'-DDD															
4,4'-DDE															
Aldrin											0.061 J				
Alpha-BHC										0.083	0.45 J				
Alpha-Chlordane															
Aroclor-1260 (PCB-1260)															
beta&gamma-BHC (sum of isomers)															
Beta-BHC											0.048 J				
Delta-BHC									0.019 J / 0.017 J		0.052 J			0.048 J	
Dieldrin															
Endosulfan I															
Endosulfan II															
Endosulfan Sulfate															
Endrin											0.14 J				
Endrin ketone															
Gamma-BHC (Lindane)											0.11 J				
Gamma-Chlordane											0.018 J				
Heptachlor															
Heptachlor epoxide															
Methoxychlor															

Notes:

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D - Sample result is from a dilution
C - Sample result was confirmed
E - Sample result was greater than the highest calibration level
N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	**7/14/2011**	**6/22/2012**	**6/15/2013**	**6/26/2014**	**7/2/2015**	**6/28/2016**	**7/10/2017**	**7/19/2018**	**6/17/2019**	**6/30/2020**	**6/15/2021**	**09/23/2022**	**06/19/2023**	**06/06/2024**	**6/11/2025**
Parameters															
Volatile Organic Compounds (µg/L)															
1,1,1-Trichloroethane															
1,1,2,2-Tetrachloroethane															
1,1,2-Trichloroethane															
1,1-Dichloroethane															
1,1-Dichloroethene															
1,2-Dichloroethane															
1,2-Dichloroethene (total)															
1,2-Dichloropropane															
2-Butanone (Methyl Ethyl Ketone)															
2-Hexanone															
Acetone							4.3 J							10 UJ	
Benzene															
Bromodichloromethane															
Bromoform															
Bromomethane (Methyl bromide)														5.0 UJ	
Carbon Disulfide		U/1.4 J					0.77 J	6.3 J	2.6 J	4.2 J	0.48 J / ND	2.1 J			
Chlorobenzene															
Chloroform															
Chlorotoluenes															
cis-1,2-Dichloroethene															
Dibromochloromethane															
Dichlorotoluene, total															
Ethylbenzene															
m&p-Xylenes															
Methylene Chloride															
o-Xylene															
Styrene															
Tetrachloroethene															
Toluene															
trans-1,2-Dichloroethene															
Trichloroethene															
Trichlorotoluene, total															
Vinyl Acetate															
Vinyl Chloride															
Xylenes (total)															

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	7/14/2011	6/22/2012	6/15/2013	6/26/2014	7/2/2015	6/28/2016	7/10/2017	7/19/2018	6/17/2019	6/30/2020	6/15/2021	09/23/2022	06/19/2023	06/06/2024	6/11/2025
Parameters															
Semi-volatile Organic Compounds (µg/L)															
1,2,4-Trichlorobenzene															
1,2-Dichlorobenzene															
1,3-Dichlorobenzene															
1,4-Dichlorobenzene															
2,4,5-Trichlorophenol															
2,4,6-Trichlorophenol															
2,4-Dichlorophenol															
2,4-Dimethylphenol															
2,4-Dinitrotoluene															
2-Chloronaphthalene															
2-Chlorophenol															
2-Methylnaphthalene															
2-Methylphenol															
3&4-Methylphenol															
2-Nitrophenol															
3,5-Dichlorotoluene															
4-Chloro-3-methylphenol															
4-Chlorophenyl phenyl ether															
4-Methylphenol															
Acetic acid															
Anthracene															
Benzo(a)pyrene															
Benzo(b)fluoranthene															
Benzo(g,h,i)perylene															
Benzo(k)fluoranthene															
Benzoic Acid															
Benzyl Alcohol															
Bis(2-Chloroethyl)Ether															
bis(2-Ethylhexyl)Phthalate															
Butyl benzylphthalate (BBP)															
Camphor															
Carbazole															
Chlorobenzoic acid															
Chrysene															
Dibenz(a,h)anthracene															
Diethyl phthalate															
Dimethyl Phthalate															
Dimethyl tetrasulfide															
Di-n-butyl phthalate (DBP)															
Di-n-octyl phthalate (DnOP)															
Fluoranthene															
Hexachlorobenzene															
Hexachloroethane															
Indeno(1,2,3-cd)pyrene															
Naphthalene															

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	7/14/2011	6/22/2012	6/15/2013	6/26/2014	7/2/2015	6/28/2016	7/10/2017	7/19/2018	6/17/2019	6/30/2020	6/15/2021	09/23/2022	06/19/2023	06/06/2024	6/11/2025
Parameters															
Semi-volatile Organic Compounds (µg/L) (con't)															
N-Nitrosodiphenylamine															
Pentachlorophenol															
Phenanthrene															
Phenol									1.7 J						
Pyrene															
Pesticides/PCBs (µg/L)															
4,4'-DDD															
4,4'-DDE															
Aldrin															
Alpha-BHC						0.062			0.021 J	0.081	ND / 0.13	0.036 J			
Alpha-Chlordane															
Aroclor-1260 (PCB-1260)															
beta&gamma-BHC (sum of isomers)															
Beta-BHC															
Delta-BHC						0.14 J			0.028 J	0.068 J	0.12 J / 0.29 J	0.047			
Dieldrin															
Endosulfan I															
Endosulfan II															
Endosulfan Sulfate															
Endrin					0.13										
Endrin ketone															
Gamma-BHC (Lindane)						0.13			0.026 J	0.089	0.075 J / 0.23 J	0.039 J			
Gamma-Chlordane															
Heptachlor															
Heptachlor epoxide															
Methoxychlor															

Notes:

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* - Sample re-extracted and analyzed due to QC issue; 1st sample biased low; 2nd result re-extract possibly out of hold time
D - Sample result is from a dilution
C - Sample result was confirmed
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N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135
Sample Date:	**9/13/1990**	**8/29/1991**	**8/26/1992**	**8/19/1993**	**6/22/1994**	**6/1/1995**	**6/27/1996**	**7/7/1997**	**6/17/1998**	**6/16/1999**	**6/22/2000**	**5/11/2001**	**6/12/2002**	**5/19/2003**	**5/28/2004**
Parameters															
Volatile Organic Compounds (µg/L)															
1,1,1-Trichloroethane				8	14										
1,1,2,2-Tetrachloroethane				12	51		26		94 J	29 / 32	27 J / 26 J	120 J / 100 J	56	38	
1,1,2-Trichloroethane							14		29 J	15 / 12	16 J / 14 J	29 J / 34 J	27		
1,1-Dichloroethane															
1,1-Dichloroethene	6			15	3					4 J / 3 J	4 J / 4 J	4 J / 4 J	4 J	3 J	
1,2-Dichloroethane															
1,2-Dichloroethene (total)			700	840	650	670 JD	560						600 J / 560	490 J	
1,2-Dichloropropane															
2-Butanone (Methyl Ethyl Ketone)				36							10 J	11 J / 12 J			
2-Hexanone															
Acetone	50			270	100 B	100 J	60		110 J		28 J / 46 J		72	74	
Benzene	6200	6700		5200	6000 E	4900 D	4800	5000 / 5600	5300 J	5700 / 5600	6900 J / 6400 D	8500 J / 7600	5900 / 6400	5500	
Bromodichloromethane															
Bromoform															
Bromomethane (Methyl bromide)															
Carbon Disulfide										2 J					
Chlorobenzene	2380	2400	2600	1700 E	2900 E	2000 D	1500	2300 / ND	1900 J	1900 / 1800	2300 J / 2300 J	3000 J / 2700 J	2200 / 2400	1900	
Chloroform				100	120	86 J	110		150 J	110 / 120	130 J / 100 J	160 J / 150 J	160	110	
Chlorotoluenes	16600	16000													
cis-1,2-Dichloroethene															
Dibromochloromethane															
Dichlorotoluene, total	14000	140													
Ethylbenzene	12	10		13	12				12	9 J / 10 J	12 J / 12 J	24 J / 22 J	15	10	
m&p-Xylenes													39	29	
Methylene Chloride	5			41	8		11				24 J / 24 J		39	26	
o-Xylene													12	9 J	
Styrene				4											
Tetrachloroethene	50			8	32				40 J	13 / 12	16 J / 14 J	50 J / 61 J	38	18	
Toluene	22800	26000	2700	17000	21500	18000 D	14000	19000 / 17000	16000 J	16000 / 17000	21000 D / 21000 J	24000 / 22000	20000 j / 19000	15000	
trans-1,2-Dichloroethene	20								58 J	67 / 70	67 J / 70 J	59 J / 60 J			
Trichloroethene	260	450		24	140	18 J	36		170 J	58 / 70	60 J / 72 J	180 J / 140 J	160 / 130 J	91	
Trichlorotoluene, total	40														
Vinyl Acetate			6800												
Vinyl Chloride					61	44 J	50		48 J	62 / 61	110 J / 85 J	66 J / 75 J	48	51	
Xylenes (total)	50	30		47	10 B	37 J	28		55 J	44 / 43	42 J / 44 J				

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135
Sample Date:	**9/13/1990**	**8/29/1991**	**8/26/1992**	**8/19/1993**	**6/22/1994**	**6/1/1995**	**6/27/1996**	**7/7/1997**	**6/17/1998**	**6/16/1999**	**6/22/2000**	**5/11/2001**	**6/12/2002**	**5/19/2003**	**5/28/2004**
Parameters															
Semi-volatile Organic Compounds (µg/L)															
1,2,4-Trichlorobenzene	80	290		74	87 B				78 J	45 J / 65 J	45 J / 36 J	65 J / 42 J		97 J	
1,2-Dichlorobenzene	50	16		35	34					24 J / 30 J	18 J / 22 J	48 J		59 J	
1,3-Dichlorobenzene					4										
1,4-Dichlorobenzene	120	47	110	94	91					61 J / 74 J	59 J / 52 J	110 J / 69 J		160 J	
2,4,5-Trichlorophenol	860	130		70	59				38 J		0.9 J				
2,4,6-Trichlorophenol		120			8						1 J				
2,4-Dichlorophenol	830		1200B	420	610	150		2100 / 2100	2000	690 / 610	1400 J / 470 J	620 J / 1200 J	1800 J / 1500 J	1700	
2,4-Dimethylphenol					9						2 J				
2,4-Dinitrotoluene															
2-Chloronaphthalene						150						370 J / 550 J			
2-Chlorophenol					20				28 J	25 J					
2-Methylnaphthalene															
2-Methylphenol				51	46				55 J	42 J / 35 J	160 J	41 J		50 J	
3&4-Methylphenol															
2-Nitrophenol											1 J				
3,5-Dichlorotoluene				350											
4-Chloro-3-methylphenol		13			31					25 J / 33 J				41 J	
4-Chlorophenyl phenyl ether					2										
4-Methylphenol		10		60	64				130 J	95 J / 120	99 J / 300 J	130 J / 86 J		210 J	
Acetic acid															
Anthracene					1										
Benzo(a)pyrene															
Benzo(b)fluoranthene															
Benzo(g,h,i)perylene															
Benzo(k)fluoranthene															
Benzoic Acid	140000	580				6400 D	4000	27000 J / 30000 J	23000 J	4300 / 5000	4700 J / 19000 J	6200 J / 4400 J	31000 / 25000	26000	
Benzyl Alcohol	4200	1100				380		1900 / 1600	2700	680 / 540	14000 D / 3200 J	330 J / 630 J	2000 / 1700 J	640	
Bis(2-Chloroethyl)Ether				23					24 J	26 J / 25 J					
bis(2-Ethylhexyl)Phthalate				50	2						41 J / 24 J				
Butyl benzylphthalate (BBP)															
Camphor				130											
Carbazole															
Chlorobenzoic acid	4000														
Chrysene					0.2										
Dibenz(a,h)anthracene															
Diethyl phthalate					1										
Dimethyl Phthalate															
Dimethyl tetrasulfide															
Di-n-butyl phthalate (DBP)															
Di-n-octyl phthalate (DnOP)															
Fluoranthene					0.2										
Hexachlorobenzene															
Hexachloroethane															
Indeno(1,2,3-cd)pyrene															
Naphthalene										1400 J / 2000 J	4000 J / 1800 J	1400 / 1100			

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135
Sample Date:	**9/13/1990**	**8/29/1991**	**8/26/1992**	**8/19/1993**	**6/22/1994**	**6/1/1995**	**6/27/1996**	**7/7/1997**	**6/17/1998**	**6/16/1999**	**6/22/2000**	**5/11/2001**	**6/12/2002**	**5/19/2003**	**5/28/2004**
Parameters															
Semi-volatile Organic Compounds (µg/L) (con't)															
N-Nitrosodiphenylamine															
Pentachlorophenol				52	4										
Phenanthrene															
Phenol		10		98	91	140				120 / 96 J		51 J		180 J	
Pyrene															
Pesticides/PCBs (µg/L)															
4,4'-DDD										0.21 / 0.20 J	0.13 J / 0.071 J				
4,4'-DDE					0.071										
Aldrin			0.53	0.24 P						0.21 J / 0.74 JN		1.5 JN / 0.95 JN	0.12 J / 0.12 J		
Alpha-BHC			84	42 C	24 CEP	28 D	29	39 / 39	59	40 / 37 J	50 / 50	43 J / 50 J	43 / 39	49	
Alpha-Chlordane													0.031 J / 0.017 J		
Aroclor-1260 (PCB-1260)															
beta&gamma-BHC (sum of isomers)				19.5	20.4										
Beta-BHC						10 D	11	8.1 / 8.6	12	12 / 11 J	15 / 16	16 J / 16 J	14 J / 13 J	15 J	
Delta-BHC			15	9.8	7.5 CE	4.7	5.2	5.1 / ND	8.9	11 / 9.6 J	13 / 14	10 J / 12 J	9.0 J / 11 J	12	
Dieldrin															
Endosulfan I										0.34 J / 0.43 J		1.5 JN / 1.6 JN			
Endosulfan II											0.52 J / 0.69 J				
Endosulfan Sulfate				0.43 P						0.18 / 0.17 J	0.17 J			1.3 J	
Endrin					0.15 P										
Endrin ketone															
Gamma-BHC (Lindane)			33				2.4 J	6.2 J / 5.1 J	6.5 J	5.5 / 4.1 J	6.4 / 8.0	7.3 J / 5.0 J	7.1 J / 6.1 J	7.1	
Gamma-Chlordane											0.18 J / 0.16 J		0.29 J / 0.35 J		
Heptachlor										0.63 / 0.68 JN				0.61 J	
Heptachlor epoxide										0.043 J / 0.058 J	0.031 J / 0.029 J		0.016 J / 0.025 J	2.2 J	
Methoxychlor															

Notes:

- Highlighted column indicates current year sampling event data
* - Sample re-extracted and analyzed due to QC issue; 1st sample biased low; 2nd result re-extract possibly out of hold time
D - Sample result is from a dilution
C - Sample result was confirmed
E - Sample result was greater than the highest calibration level
N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135
Sample Date:	**6/17/2005**	**6/28/2005**	**6/26/2006**	**7/18/2007**	**7/23/2008**	**6/25/2009**	**6/16/2010**	**7/13/2011**	**6/12/2012**	**6/18/2013**	**6/13/2014**	**6/25/2015**	**7/5/2016**	**7/7/2017**	**7/10/2018**
Parameters															
Volatile Organic Compounds (µg/L)															
1,1,1-Trichloroethane															
1,1,2,2-Tetrachloroethane				16 J		25 / 24								3.4 J	
1,1,2-Trichloroethane				15 J		9.1 J / 8.7 J								8.1	
1,1-Dichloroethane														0.32 J	
1,1-Dichloroethene				2 J											
1,2-Dichloroethane															
1,2-Dichloroethene (total)															
1,2-Dichloropropane															
2-Butanone (Methyl Ethyl Ketone)						5.8 J / 6.1 J								5.1 J	
2-Hexanone															
Acetone			200 J	53 J		42 / 37	39							45	
Benzene	5400	5700	6800	7100	5300	7500 / 7600	3400	2200	5900	2500	6100	6200	7100	6300	6200
Bromodichloromethane															38 J
Bromoform															
Bromomethane (Methyl bromide)															
Carbon Disulfide				2 J										0.31 J	
Chlorobenzene	2000	2100	2400	2100	1400	2900 J / 3000 J	1300	1100	2500	730	2300	2600	2700	2600	2400
Chloroform			110 J	140 J	99 J	96 / 97	160	67	130 J			180 J	400 J	100	230 J
Chlorotoluenes															
cis-1,2-Dichloroethene			630		79 J	79 / 76	110	38 J							39 J
Dibromochloromethane															
Dichlorotoluene, total															
Ethylbenzene				10 J		10 / 10	13							14	
m&p-Xylenes															
Methylene Chloride		100 J	44 J	32 J		25 / 24	38	16 J				150 J		23	
o-Xylene															
Styrene															
Tetrachloroethene				13 J		14 / 14	19	9.5 J						17	
Toluene	16000	18000	21000	23000	13000	24000 / 24000	11000	3100	14000	6100	20000	20000	23000	19000	21000
trans-1,2-Dichloroethene			52 J	50 J	32 J	30 / 30	48	17 J						31	34 J
Trichloroethene			46 J	89 J	27 J	91 / 89	140	52				110 J	78 J	73	71 J
Trichlorotoluene, total															
Vinyl Acetate															
Vinyl Chloride						27 / 17	31							15	
Xylenes (total)				37 J		44 / 53	51							58	35 J

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135
Sample Date:	6/17/2005	6/28/2005	6/26/2006	7/18/2007	7/23/2008	6/25/2009	6/16/2010	7/13/2011	6/12/2012	6/18/2013	6/13/2014	6/25/2015	7/5/2016	7/7/2017	7/10/2018
Parameters															
Semi-volatile Organic Compounds (µg/L)															
1,2,4-Trichlorobenzene	67 J		63	47 J	28	110 / 110	78 J	76 J	74 J	69	64 J		22 J		
1,2-Dichlorobenzene	36 J		37	31 J	10 J	68 / 52	57 J	45 J		45	34 J	47 J	14 J		
1,3-Dichlorobenzene			3 J	87 J		4.1 J / 5.5 J				5.2 J					
1,4-Dichlorobenzene	100 J	110 J	100	84 J	24	150 J / 100 J	150 J	130 J	110 J	130	94 J	140 J	36 J		
2,4,5-Trichlorophenol			8 J							10					
2,4,6-Trichlorophenol					6 J	28 / 23				12					
2,4-Dichlorophenol	420	300 J	250	490	150	1200 / 1100	780	590	240	360	660	790	42 J		120 J
2,4-Dimethylphenol															
2,4-Dinitrotoluene															
2-Chloronaphthalene									150 J	210					
2-Chlorophenol			18		17 J	31 / 26				28			12 J		
2-Methylnaphthalene															
2-Methylphenol	25 J		33	34 J	140	66 J / 50 J	42 J	30 J		29	23 J	44 J			
3&4-Methylphenol														34	80 J
2-Nitrophenol															
3,5-Dichlorotoluene															
4-Chloro-3-methylphenol			15		26	95 / 97	31 J			23					
4-Chlorophenyl phenyl ether															
4-Methylphenol	49 J	98 J	110	120 J	110	170 J / 140 J	130 J	83 J		89	53 J	93 J			
Acetic acid															
Anthracene															
Benzo(a)pyrene															
Benzo(b)fluoranthene															
Benzo(g,h,i)perylene															
Benzo(k)fluoranthene															
Benzoic Acid	1400 J	4700 J	14000 J	14000	7600 J	39000 J / 54000 J	9500	11000	8700	16000	14000	16000	1100		6000
Benzyl Alcohol	23 J		48	580	38	1200 / 1300	610	450	600 J	380 J	290	250	79 J		280 J
Bis(2-Chloroethyl)Ether	24 J		24	30 J	16 J	29 / 28	34 J	28 J		26	19 J	27 J			
bis(2-Ethylhexyl)Phthalate			53			4.4 J / 4.2 J									
Butyl benzylphthalate (BBP)															
Camphor															
Carbazole															
Chlorobenzoic acid															
Chrysene															
Dibenz(a,h)anthracene															
Diethyl phthalate															
Dimethyl Phthalate															
Dimethyl tetrasulfide															
Di-n-butyl phthalate (DBP)															
Di-n-octyl phthalate (DnOP)															
Fluoranthene															
Hexachlorobenzene															
Hexachloroethane															
Indeno(1,2,3-cd)pyrene															
Naphthalene	1800 J	4500 J													

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135	10135
Sample Date:	**6/17/2005**	**6/28/2005**	**6/26/2006**	**7/18/2007**	**7/23/2008**	**6/25/2009**	**6/16/2010**	**7/13/2011**	**6/12/2012**	**6/18/2013**	**6/13/2014**	**6/25/2015**	**7/5/2016**	**7/7/2017**	**7/10/2018**
Parameters															
Semi-volatile Organic Compounds (µg/L) (con't)															
N-Nitrosodiphenylamine															
Pentachlorophenol															
Phenanthrene															
Phenol		100 J	140	130 J	96	140 J / 160 J	100	82	89 J	92	62	87 J	11 J		
Pyrene															
Pesticides/PCBs (µg/L)															
4,4'-DDD	0.19 J	0.11 J		0.081 J	0.13 J		0.048 J		0.036 J	0.089 J					
4,4'-DDE										0.053					
Aldrin				0.073	0.052 J	0.55 J / 0.55 J	0.063 J			0.16 J	0.060 J				
Alpha-BHC	15	21 C	35	12	17	27 J / 32 J	4.0	21	7.1 J	20	21 J	20	25		23
Alpha-Chlordane				0.011 J											
Aroclor-1260 (PCB-1260)						12 J / 11 J									
beta&gamma-BHC (sum of isomers)															
Beta-BHC	3.4	5.6	7.1	3.7	4.4	11 J / 9.1 J	4.1	7.1	3.1	5.9	5.3 J	4.7	6.7		4.3
Delta-BHC	9.1	9.1	13	4.7	6.3	11 J / 12	0.28	7.3	1.6 J	5.2	4.8 J	7.4	11		7.2
Dieldrin															
Endosulfan I															
Endosulfan II	0.15 J					1.6 J / 2.3				0.053 J	0.12 J				
Endosulfan Sulfate				0.34	0.37 J	1.5 J						0.035 J			
Endrin				0.034 J		1.9 / 1.3 J						1.4			
Endrin ketone											0.067 J				
Gamma-BHC (Lindane)		0.32 J	4.8	2.1	2	7.4 J / 6.2 J	0.92	4.1	1.4 J	3.9	4.3 J	3.2	4.9		3.3
Gamma-Chlordane			.33 J	0.017 J						0.065	0.064 J	1.1 J			
Heptachlor				0.092	0.19 J				0.71	0.15 J	0.23 J				
Heptachlor epoxide	0.053			0.29	0.13 J	1.6 J / 1.7 J	0.10 J		0.089 J	0.22 J	0.23 J				
Methoxychlor									0.036 J						

Notes:

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D - Sample result is from a dilution
C - Sample result was confirmed
E - Sample result was greater than the highest calibration level
N - Validator qualifier-presumptive certainty, usually used when there is a large difference in dual column results
P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135
Sample Date:	6/19/2019	7/1/2020	6/9/2021	9/23/2022	6/19/2023	6/7/2024	6/16/2025
Parameters							
Volatile Organic Compounds (µg/L)							
1,1,1-Trichloroethane							
1,1,2,2-Tetrachloroethane	1.8 J / 1.8 J	6.1 / 7.9					
1,1,2-Trichloroethane	3.4 J / 3.8 J	12 / 14					
1,1-Dichloroethane	0.22 J / 5.0 U	0.20 U / 0.27 J					
1,1-Dichloroethene		0.63 J / 0.78 J					
1,2-Dichloroethane							
1,2-Dichloroethene (total)							
1,2-Dichloropropane							
2-Butanone (Methyl Ethyl Ketone)	5.7 J / 4.4 J	12 / 6.8 J					
2-Hexanone		0.20 U / 2.1 J					
Acetone	50 / 35	79 / 71					
Benzene	4900 / 5700	6500 / 6300	6800	6200	4700 / 6200	6800	6700 / 6800
Bromodichloromethane			75 J				
Bromoform							
Bromomethane (Methyl bromide)							
Carbon Disulfide	0.31 J / 0.33 J						
Chlorobenzene	2200 / 2400	2500 / 2400	2500	2600	1700 / 2200	2500	2600 / 2500
Chloroform	59 / 60	140 / 140	420 J	270 J	500 U / 52 J		
Chlorotoluenes							
cis-1,2-Dichloroethene	8.1 / 8.4	26 / 28					
Dibromochloromethane							
Dichlorotoluene, total							
Ethylbenzene	10 / 11	12 / 12					
m&p-Xylenes							
Methylene Chloride	3.5 J / 3.8 J	6.4 / 7.2					
o-Xylene							
Styrene							
Tetrachloroethene	5.0 J / 5.3	20 / 23					
Toluene	17000 / 19000	22000 / 21000	25000	2300	16000 / 18000	23000	24000 / 24000
trans-1,2-Dichloroethene	27 / 27	29 / 35			500 U / 24 J		
Trichloroethene	26 / 28	120 / 130	120 J	48 J			
Trichlorotoluene, total							
Vinyl Acetate							
Vinyl Chloride	3.9 J / 5.0 U	10 / 11					
Xylenes (total)	47 / 48	58 / 58		48 J			

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135
Sample Date:	6/19/2019	7/1/2020	6/9/2021	9/23/2022	6/19/2023	6/7/2024	6/16/2025
Parameters							
Semi-volatile Organic Compounds (µg/L)							
1,2,4-Trichlorobenzene	28 J / 14 J	93 / 100	51 J	65	33 J / 34 J	19 / 26*	27 J / 14 J
1,2-Dichlorobenzene		25 / 34	29 J	25	24 J / 25 J	22 / 24*	26 J / 13 J
1,3-Dichlorobenzene		3.6 J / 4.1 J		3.0 J		4.2 J / 5.0 J*	
1,4-Dichlorobenzene	45 J / 21 J	73 / 97	82 J	72	67 / 67	60 / 68*	74 J / 36 J
2,4,5-Trichlorophenol		37 / 26	23 J	17		U / 2.5 J*	
2,4,6-Trichlorophenol							
2,4-Dichlorophenol	35 J / 94 U	330 / 350	140	69		3.8 J / U	4.7 J / 2.8 J
2,4-Dimethylphenol		8.9 J / 6.9 J				4.5 J- / 4.6 J*	4.7 J / U
2,4-Dinitrotoluene				6.0 J			
2-Chloronaphthalene				2.5 J			
2-Chlorophenol		27 / 31	18 J	13	19 J / 20 J	11 / 13*	6.6 J / 3.6 J
2-Methylnaphthalene		1.4 J / 1.2 U					
2-Methylphenol		32 / 32	28 J	15	29 J / 28 J	23 / 26*	22 J / 11 J
3&4-Methylphenol	31 J / 94 U	71 / 71	74 J	45	91 / 90	78 / 92*	84 J / 41 J
2-Nitrophenol							
3,5-Dichlorotoluene							
4-Chloro-3-methylphenol		46 / 40	20 J	16	28 J / 27 J	19 / 22*	18 / 8.6 J
4-Chlorophenyl phenyl ether							
4-Methylphenol							
Acetic acid							
Anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							
Benzoic Acid	1300 / 1100	11000 / 10000	3600	2200	390 / 430	200 / 260 B*	390 J / 230 J
Benzyl Alcohol	61 J / 43 J	290 J / 290	260	66	14 J / 15 J	7.6 J / 10*	11 / 6.5 J
Bis(2-Chloroethyl)Ether		20 / 24	18 J	17	19 J / 18 J	20 / 20*	
bis(2-Ethylhexyl)Phthalate							
Butyl benzylphthalate (BBP)							
Camphor							
Carbazole							
Chlorobenzoic acid							
Chrysene							
Dibenz(a,h)anthracene							
Diethyl phthalate							
Dimethyl Phthalate							
Dimethyl tetrasulfide							
Di-n-butyl phthalate (DBP)							
Di-n-octyl phthalate (DnOP)							
Fluoranthene							
Hexachlorobenzene							
Hexachloroethane							
Indeno(1,2,3-cd)pyrene							
Naphthalene				2000			

Table 3.6

Summary of Detected Compounds in Select Wells
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well Number:	10135	10135	10135	10135	10135	10135	10135
Sample Date:	6/19/2019	7/1/2020	6/9/2021	9/23/2022	6/19/2023	6/7/2024	6/16/2025
Parameters							
Semi-volatile Organic Compounds (µg/L) (con't)							
N-Nitrosodiphenylamine							
Pentachlorophenol							
Phenanthrene							
Phenol		40 / 44	40 J	21	48 / 44 J	37 / 45*	41 J / 21 J
Pyrene							
Pesticides/PCBs (µg/L)							
4,4'-DDD							
4,4'-DDE							
Aldrin		1.0 J / 0.85	0.80	0.35			R / 0.15
Alpha-BHC	25 / 26	27 / 25	21	9	6.2 J+ / 5.7 J+	6.4 J+	5.0 J- / 4.3
Alpha-Chlordane							
Aroclor-1260 (PCB-1260)							
beta&gamma-BHC (sum of isomers)							
Beta-BHC	6.7 / 7.5	6.8 J / 6.9	6.6	2.8	2.0 J+ / 1.8 J+	1.5 J+	0.92 J- / 0.92
Delta-BHC	7.6 / 6.3	9.2 / 8.7	8.8	4.7	4.1 J+ / 4.1 J+	5.0 J+	3.7 J- / 3.9
Dieldrin							
Endosulfan I							
Endosulfan II							
Endosulfan Sulfate							
Endrin							
Endrin ketone							
Gamma-BHC (Lindane)	4.7 / 4.4	6.5 / 6.2	4.0	1.6	0.70 J+ / 0.64 J+	0.69 J+	0.26 J / 0
Gamma-Chlordane							
Heptachlor					0.22 J+ / 0.22 U		
Heptachlor epoxide							
Methoxychlor							

Notes:

- Highlighted column indicates current year sampling event data
* - Sample re-extracted and analyzed due to QC issue; 1st sample biased low; 2nd result re-extract possibly out of hold time
D - Sample result is from a dilution
C - Sample result was confirmed
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P - Lab qualifier; indicates large difference in dual column results
J - Estimated concentration
J+ - Estimated concentration; biased high
UJ - Not detected; associated reporting limit is estimated
U - Not detected at the associated reporting limit
B - Detected in the blank sample
R - Rejected in data validation
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.7A

1140 Series Piezometers Water Levels - 2025
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Silty Sand/Fill Medium

	Well **	
	1144 A	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)
03/03/25	571.91	561.70
06/02/25	571.56	561.70
09/04/25	569.49	561.70
12/03/25	568.35	561.70

Fractured Clay Medium

	Well **			
	1144 B	1143 A	1142 A	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	572.07	570.02	569.32	561.70
06/02/25	571.70	571.10	570.56	561.70
09/04/25	569.39	569.55	569.57	561.70
12/03/25	569.07	568.70	569.03	561.70

Soft Clay Medium

	Well **						
	1144 C	1143 B	1143 C	1142 B	1141 A	Tile Drain	1140 A
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	570.92	569.67	568.38	567.03	565.54	561.70	563.83
06/02/25	571.48	571.18	569.75	568.03	566.20	561.70	563.80
09/04/25	569.33	569.66	568.91	567.82	566.14	561.70	564.10
12/03/25	568.49	568.83	567.89	567.41	565.89	561.70	564.39

Glacial Till Medium

	Well **					
	1144 D	1143 D	1142 C	1141 B	Tile Drain	1140 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	569.10	567.53	565.95	565.72	561.70	564.24
06/02/25	570.04	568.34	566.28	566.62	561.70	564.22
09/04/25	569.14	568.21	566.24	566.83	561.70	564.35
12/03/25	567.89	567.54	566.12	566.37	561.70	564.86

Notes:

* - Tile (Barrier) Drain Elevation not measured; elevation taken from design data specific to 1140 piezometer location.

** - Wells listed from left to right in order from most distant outside of tile drain, to tile drain, then inside of tile drain.

- Indicates wells used in Figure 3.3 Piezometer Flow Diagram to generate Fractured Clay groundwater level

- Indicates wells used in Figure 3.3 Piezometer Flow Diagram to generate Soft Clay groundwater level

- Indicates wells used in Figure 3.3 Piezometer Flow Diagram to generate Glacial Till groundwater level

ft. AMSL - Feet above mean sea level.

Table 3.7B

1150 Series Piezometers Water Levels - 2025
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Silty Sand/Fill Medium

	Well **	
	1151 D	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)
03/03/25	572.82	561.85
06/02/25	570.17	561.85
09/04/25	568.28	561.85
12/03/25	570.26	561.85

Fractured Clay Medium

	Well **				
	1154 D	1153 E	1153 D	1151 C	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	569.49	569.32	569.91	568.52	561.85
06/02/25	568.66	569.25	569.55	568.96	561.85
09/04/25	568.08	569.02	569.38	567.63	561.85
12/03/25	567.87	569.14	573.48	567.17	561.85

Soft Clay Medium

	Well **					
	1154 B	1154 C	1153 B	1153 C	1151 B	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	567.86	568.25	569.32	574.29	567.50	561.85
06/02/25	567.75	568.19	568.92	571.54	567.64	561.85
09/04/25	567.70	567.87	568.80	569.64	567.34	561.85
12/03/25	567.95	567.88	569.36	574.68	567.71	561.85

Glacial Till Medium

	Well **			
	1154 A	1153 A	1151 A	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	571.87	571.80	567.09	561.85
06/02/25	571.71	570.96	566.80	561.85
09/04/25	571.65	568.84	566.83	561.85
12/03/25	571.21	572.41	567.09	561.85

Notes:

* - Tile (Barrier) Drain Elevation not measured; elevation taken from design data specific to 1150 piezometer location.

** - Wells listed from left to right in order from most distant outside of tile drain, to tile drain, then inside of tile drain.

- Indicates wells used in Figure 3.4 Piezometer Flow Diagram to generate Fractured Clay groundwater level

- Indicates wells used in Figure 3.4 Piezometer Flow Diagram to generate Soft Clay groundwater level

- Indicates wells used in Figure 3.4 Piezometer Flow Diagram to generate Glacial Till groundwater level

ft. AMSL - Feet above mean sea level.

Table 3.7C

1160 Series Piezometers Water Levels - 2025
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Silty Sand/Fill Medium

	Well **	
	1165 D	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)
03/03/25	573.34	560.60
06/02/25	573.55	560.60
09/04/25	571.34	560.60
12/03/25	572.06	560.60

Silty Sand Medium

	Well **		
	1165 C	1163 D	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	571.95	<569.12	560.60
06/02/25	572.34	<569.14	560.60
09/04/25	572.25	<569.14	560.60
12/03/25	572.16	<569.13	560.60

Fractured Clay Medium

	Well **								
	1165 B	1163 B	1163 C	1162 A	1162 C	1161 D	Tile Drain	1160 A	1160 C
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	571.34	569.08	570.14	569.21	569.38	569.38	560.60	564.97	566.22
06/02/25	571.64	570.37	570.46	570.17	570.15	570.22	560.60	564.70	566.14
09/04/25	570.60	569.76	570.08	569.65	569.80	570.08	560.60	564.70	566.64
12/03/25	570.76	569.28	569.39	569.17	569.56	569.53	560.60	566.18	566.81

Soft Clay Medium

	Well **								
	10176 A	10176 B	10176 C	1165 A	1163 A	1161 B	1161 C	1161 E	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	573.18	572.80	568.66	572.23	568.17	566.52	568.70	565.28	560.60
06/02/25	570.11	570.19	568.48	572.59	568.42	566.71	569.43	565.18	560.60
09/04/25	568.36	568.49	568.30	571.76	568.56	566.90	569.27	565.25	560.60
12/03/25	568.57	569.10	568.04	571.35	568.92	567.53	569.05	566.51	560.60

Glacial Till Medium

	Well **			
	10176 D	1162 D	1161 A	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	567.36	567.81	569.21	560.60
06/02/25	567.30	567.43	565.08	560.60
09/04/25	567.28	567.37	565.05	560.60
12/03/25	567.04	568.18	566.29	560.60

Notes:

* - Tile (Barrier) Drain Elevation not measured; elevation taken from design data specific to 1160 piezometer location.

** - Wells listed from left to right in order from most distant outside of tile drain, to tile drain, then inside of tile drain.

- Indicates wells used in Figure 3.5 Piezometer Flow Diagram to generate Fractured Clay groundwater level

- Indicates wells used in Figure 3.5 Piezometer Flow Diagram to generate Soft Clay groundwater level

- Indicates wells used in Figure 3.5 Piezometer Flow Diagram to generate Glacial Till groundwater level

ft. AMSL - Feet above mean sea level.

Table 3.7D

1170 Series Piezometers Water Levels - 2025
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

	Well **		
	1174 D	1173 D	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	568.89	572.19	555.60
06/02/25	568.18	571.95	555.60
09/04/25	568.05	570.80	555.60
12/03/25	568.76	570.60	555.60

Soft Clay Medium

	Well **				
	1174 B	1174 C	1173 B	1173 C	1172 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	570.42	572.16	569.82	571.25	568.22
06/02/25	570.55	569.66	569.68	571.82	568.62
09/04/25	570.51	570.13	569.65	571.23	568.50
12/03/25	571.04	570.06	569.78	570.50	568.19

	Well **				
	1172 C	1171 B	1171 C	Tile Drain	1170 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	568.86	562.48	561.67	555.60	571.78
06/02/25	569.36	562.45	561.48	555.60	570.76
09/04/25	569.16	562.45	561.35	555.60	561.47
12/03/25	568.71	562.60	561.62	555.60	571.83

Glacial Till Medium

	Well **					
	1174 A	1173 A	1172 A	1171 A	Tile Drain	1170 A
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	570.82	568.82	566.43	563.62	555.60	562.51
06/02/25	570.52	568.73	566.41	563.63	555.60	562.32
09/04/25	570.62	567.90	566.20	563.51	555.60	561.94
12/03/25	570.91	568.24	566.07	563.51	555.60	562.25

Notes:

* - Tile (Barrier) Drain Elevation not measured; elevation taken from design data specific to 1180 piezometer location.

** - Wells listed from left to right in order from most distant outside of tile drain, to tile drain, then inside of tile drain.

- Indicates wells used in Figure 3.6 Piezometer Flow Diagram to generate Fractured Clay groundwater level

- Indicates wells used in Figure 3.6 Piezometer Flow Diagram to generate Soft Clay groundwater level

- Indicates wells used in Figure 3.6 Piezometer Flow Diagram to generate Glacial Till groundwater level

ft. AMSL - Feet above mean sea level.

Table 3.7E

1180 Series Piezometers Water Levels - 2025
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Silty Sand Medium

	Well **	
	1183 D	Tile Drain *
Date	(ft. AMSL)	(ft. AMSL)
03/03/25	566.89	560.00
06/02/25	566.82	560.00
09/04/25	566.85	560.00
12/03/25	566.79	560.00

Fractured Clay Medium

	Well **				
	1184 C	1184 D	1183 C	1183 B	1181 C
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	567.71	569.93	567.15	564.33	570.76
06/02/25	569.29	567.36	567.28	564.66	568.23
09/04/25	563.55	<567.22	565.63	563.46	566.33
12/03/25	562.41	<567.21	564.72	561.92	568.50

	Well **	
	Tile Drain *	1180 C
Date	(ft. AMSL)	(ft. AMSL)
03/03/25	560.00	<562.68
06/02/25	560.00	<562.68
09/04/25	560.00	<562.7
12/03/25	560.00	<562.68

Soft Clay Medium

	Well **			
	1184 B	1181 B	Tile Drain *	1180 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	564.94	566.81	560.00	561.09
06/02/25	564.68	566.51	560.00	561.06
09/04/25	563.83	565.45	560.00	561.05
12/03/25	563.34	566.17	560.00	561.04

Glacial Till Medium

	Well **				
	1184 A	1183 A	1181 A	Tile Drain *	1180 A
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	564.38	563.84	569.42	560.00	563.06
06/02/25	564.39	564.22	567.72	560.00	563.21
09/04/25	563.78	563.79	565.59	560.00	562.99
12/03/25	563.32	562.85	568.13	560.00	562.84

Notes:

* - Tile (Barrier) Drain Elevation not measured; elevation taken from design data specific to 1180 piezometer location.

** - Wells listed from left to right in order from most distant outside of tile drain, to tile drain, then inside of tile drain.

- Indicates wells used in Figure 3.7 Piezometer Flow Diagram to generate Fractured Clay groundwater level

- Indicates wells used in Figure 3.7 Piezometer Flow Diagram to generate Soft Clay groundwater level

- Indicates wells used in Figure 3.7 Piezometer Flow Diagram to generate Glacial Till groundwater level

ft. AMSL - Feet above mean sea level.

Table 3.7F

1190 Series Piezometers Water Levels - 2025
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Fractured Clay Medium

	Well **			
	1194 D	1193 D	1192 C	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	572.89	570.63	569.33	554.80
06/02/25	573.22	571.41	569.50	554.80
09/04/25	569.44	570.99	569.78	554.80
12/03/25	569.03	570.27	569.58	554.80

Soft Clay Medium

	Well **					
	1194 B	1194 C	1193 B	1193 C	1192 B	1191 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	569.40	573.25	568.51	570.00	568.20	565.33
06/02/25	569.71	572.50	568.76	570.74	568.33	565.68
09/04/25	567.76	569.14	568.91	570.74	568.46	565.36
12/03/25	567.55	568.71	568.54	570.16	568.43	565.48

	Well**		
	1191 C	Tile Drain	1190 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	564.19	554.80	562.79
06/02/25	564.53	554.80	562.53
09/04/25	563.80	554.80	561.99
12/03/25	564.38	554.80	563.94

Glacial Till Medium

	Well **					
	1194 A	1193 A	1192 A	1191 A	Tile Drain	1190 A
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/03/25	564.55	565.66	564.58	572.63	554.80	564.51
06/02/25	564.52	565.77	564.58	574.08	554.80	564.66
09/04/25	563.94	565.30	564.01	568.42	554.80	563.94
12/03/25	563.53	565.05	563.59	571.27	554.80	563.94

Notes:

* - Tile (Barrier) Drain Elevation not measured; elevation taken from design data specific to 1190 piezometer location.

** - Wells listed from left to right in order from most distant outside of tile drain, to tile drain, then inside of tile drain.

- Indicates wells used in Figure 3.8 Piezometer Flow Diagram to generate Fractured Clay groundwater level

- Indicates wells used in Figure 3.8 Piezometer Flow Diagram to generate Soft Clay groundwater level

- Indicates wells used in Figure 3.8 Piezometer Flow Diagram to generate Glacial Till groundwater level

ft. AMSL - Feet above mean sea level.

Table 3.8

Groundwater Elevations in the Vicinity of Well 10135
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Date	Well Location				
	Well 1165A (ft. AMSL)	Well 10135 (ft. AMSL)	Well 1163A (ft. AMSL)	Well 1161E (ft. AMSL)	Barrier Drain * (ft. AMSL)
03/03/25	572.23	568.88	568.17	565.28	554.80
06/02/25	572.59	569.62	568.42	565.18	554.80
09/04/25	571.76	569.72	568.56	565.25	554.80
12/03/25	571.35	568.90	568.92	566.51	554.80

Notes:

* Barrier Drain Elevation not measured; elevation taken from design data specific to 1160 piezometer locatio

ft. AMSL - feet Above Mean Sea Level

Table 3.9

2025 Well Depths
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well ID	Date	Reference Elevation (ft AMSL)	Constructed Well Depth (ft)[1]	Measured Well Depth (ft)[2]	Well Bottom Delta (ft)[3]	Recommendations			
						S	PS-RS	D-RDS	SD-PSRS
September 4, 2025 - 3rd Quarter Hydraulic Monitoring Event									
10135	9/4/2025	572.38	31.10	35.95	-4.85			X	
10176A	9/4/2025	576.80	17.57	12.50	5.07		X		
10176B	9/4/2025	577.55	17.94	12.77	5.17		X		
10176C	9/4/2025	571.96	28.61	23.08	5.53		X		
10176D	9/4/2025	573.36	36.55	30.70	5.85		X		
10276	9/4/2025	576.68	NA	45.40	---			X	
1140A	9/4/2025	577.82	30.18	28.15	2.03		X		
1140B	9/4/2025	574.38	32.44	28.15	4.29		X		
1141A	9/4/2025	582.30	28.80	26.96	1.84		X		
1141B	9/4/2025	577.02	32.75	30.30	2.45		X		
1142A	9/4/2025	576.64	14.52	12.55	1.97		X		
1142B	9/4/2025	576.80	26.41	24.58	1.83		X		
1142C	9/4/2025	576.85	31.34	29.60	1.74		X		
1143A	9/4/2025	576.98	15.92	14.22	1.70		X		
1143B	9/4/2025	582.92	14.27	13.09	1.18		X		
1143C	9/4/2025	582.98	21.52	20.72	0.80		X		
1143D	9/4/2025	581.28	26.15	24.26	1.89		X		
1144A	9/4/2025	581.47	11.08	11.50	-0.42	X			
1144B	9/4/2025	579.75	14.12	12.48	1.64		X		
1144C	9/4/2025	579.63	21.07	19.00	2.07		X		
1144D	9/4/2025	579.67	26.29	24.52	1.77		X		
1151A	9/4/2025	577.37	27.70	30.08	-2.38			X	
1151B	9/4/2025	576.98	21.49	21.09	0.40	X			
1151C	9/4/2025	576.54	17.55	17.05	0.50	X			
1151D	9/4/2025	577.14	10.01	10.12	-0.11	X			
1153A	9/4/2025	577.69	31.82	30.82	1.00		X		
1153B	9/4/2025	577.25	20.40	20.14	0.26	X			
1153C	9/4/2025	577.72	20.52	15.15	5.37		X		
1153D	9/4/2025	577.59	10.88	10.72	0.16	X			
1153E	9/4/2025	577.52	8.45	7.86	0.59		X		
1154A	9/4/2025	577.57	27.63	20.42	7.21		X		
1154B	9/4/2025	577.75	17.08	17.01	0.07	X			
1154C	9/4/2025	578.24	13.26	13.10	0.16	X			
1154D	9/4/2025	577.44	6.48	6.22	0.26	X			
1160A	9/4/2025	576.64	24.85	26.28	-1.43			X	
1160C	9/4/2025	577.36	21.03	18.10	2.93		X		

Table 3.9

2025 Well Depths
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well ID	Date	Reference Elevation (ft AMSL)	Constructed Well Depth (ft)[1]	Measured Well Depth (ft)[2]	Well Bottom Delta (ft)[3]	Recommendations			
						S	PS-RS	D-RDS	SD-PSRS
September 4, 2025 - 3rd Quarter Hydraulic Monitoring Event (con't)									
1161A	9/4/2025	577.18	37.13	35.00	2.13		X		
1161B	9/4/2025	576.37	28.34	25.85	2.49		X		
1161C	9/4/2025	572.69	37.46	21.50	15.96				X
1161D	9/4/2025	573.48	16.65	14.65	2.00		X		
1161E	9/4/2025	573.59	31.06	30.73	0.33	X			
1162A	9/4/2025	573.24	13.33	12.72	0.61		X		
1162C	9/4/2025	584.51	21.90	20.89	1.01		X		
1162D	9/4/2025	584.24	34.84	33.75	1.09		X		
1163A	9/4/2025	582.54	25.99	24.87	1.12		X		
1163B	9/4/2025	582.62	21.91	19.45	2.46		X		
1163C	9/4/2025	582.64	14.58	13.60	0.98		X		
1163D	9/4/2025	582.55	13.20	11.78	1.42		X		
1165A	9/4/2025	583.70	32.56	35.75	-3.19			X	
1165B	9/4/2025	580.84	21.14	27.10	-5.96			X	
1165C	9/4/2025	581.60	17.37	23.30	-5.93			X	
1165D	9/4/2025	582.14	12.63	16.07	-3.44			X	
1170A	9/4/2025	580.84	40.81	40.08	0.73		X		
1170B	9/4/2025	580.89	28.78	28.00	0.78		X		
1171A	9/4/2025	580.85	40.34	40.10	0.24	X			
1171B	9/4/2025	580.92	28.30	27.70	0.60		X		
1171C	9/4/2025	583.70	33.42	33.25	0.17	X			
1172A	9/4/2025	583.64	38.14	35.82	2.32		X		
1172B	9/4/2025	583.68	28.24	27.00	1.24		X		
1172C	9/4/2025	583.71	21.71	20.70	1.01		X		
1173A	9/4/2025	584.12	33.58	32.85	0.73		X		
1173B	9/4/2025	584.40	23.36	23.00	0.36	X			
1173C	9/4/2025	582.84	15.40	14.90	0.50	X			
1173D	9/4/2025	583.30	10.07	9.58	0.49	X			
1174A	9/4/2025	582.76	29.34	28.32	1.02		X		
1174B	9/4/2025	581.58	17.75	15.85	1.90		X		
1174C	9/4/2025	581.61	13.23	11.19	2.04		X		
1174D	9/4/2025	581.63	7.15	6.18	0.97		X		
1180A	9/4/2025	577.96	35.68	34.60	1.08		X		
1180B	9/4/2025	578.20	24.48	24.02	0.46	X			
1180C	9/4/2025	578.34	20.59	20.10	0.49	X			
1181A	9/4/2025	578.48	26.93	26.75	0.18	X			
1181B	9/4/2025	573.24	19.66	19.45	0.21	X			
1181C	9/4/2025	573.47	14.36	13.90	0.46	X			

Table 3.9

2025 Well Depths
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well ID	Date	Reference Elevation (ft AMSL)	Constructed Well Depth (ft)[1]	Measured Well Depth (ft)[2]	Well Bottom Delta (ft)[3]	Recommendations			
						S	PS-RS	D-RDS	SD-PSRS
September 4, 2025 - 3rd Quarter Hydraulic Monitoring Event (con't)									
1183A	9/4/2025	573.78	24.01	23.35	0.66		X		
1183B	9/4/2025	573.86	16.57	16.10	0.47	X			
1183C	9/4/2025	582.06	10.60	10.28	0.32	X			
1183D	9/4/2025	581.93	7.03	6.10	0.93		X		
1184A	9/4/2025	582.80	22.76	22.00	0.76		X		
1184B	9/4/2025	576.29	15.06	14.73	0.33	X			
1184C	9/4/2025	576.69	9.40	8.85	0.55	X			
1184D	9/4/2025	576.65	4.56	3.89	0.67		X		
1190A	9/4/2025	572.84	43.21	42.97	0.24	X			
1190B	9/4/2025	572.74	30.33	30.00	0.33	X			
1191A	9/4/2025	572.82	40.81	33.12	7.69		X		
1191B	9/4/2025	572.79	41.80	27.65	14.15				X
1191C	9/4/2025	571.11	35.92	34.20	1.72		X		
1192A	9/4/2025	570.79	39.33	39.63	-0.30	X			
1192B	9/4/2025	571.19	39.24	26.73	12.51				X
1192C	9/4/2025	571.11	23.21	23.32	-0.11	X			
1193A	9/4/2025	586.09	30.97	32.55	-1.58			X	
1193B	9/4/2025	585.67	22.01	22.68	-0.67			X	
1193C	9/4/2025	584.41	19.38	19.42	-0.04	X			
1193D	9/4/2025	584.35	12.46	11.30	1.16		X		
1194A	9/4/2025	584.67	34.04	33.82	0.22	X			
1194B	9/4/2025	582.91	23.94	24.25	-0.31	X			
1194C	9/4/2025	582.91	19.56	19.60	-0.04	X			
1194D	9/4/2025	583.30	15.10	14.74	0.36	X			
3257	9/4/2025	579.42	28.95	35.75	-6.80			X	
5222	9/4/2025	578.93	40.85	39.85	1.00		X		
6209	9/4/2025	579.08	45.05	39.85	5.20		X		
7161	9/4/2025	578.94	21.16	20.90	0.26	X			
8210	9/4/2025	577.88	44.66	43.51	1.15		X		
9130	9/4/2025	577.48	33.16	33.30	-0.14	X			
9140	9/4/2025	578.02	28.81	28.72	0.09	X			
9205	9/4/2025	578.19	49.66	47.17	2.49		X		
MW-1	9/4/2025	572.09	37.48	36.80	0.68		X		
MW-2	9/4/2025	571.64	38.51	37.00	1.51		X		
MW-3	9/4/2025	571.25	29.36	29.55	-0.19	X			

Table 3.9

2025 Well Depths
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well ID	Date	Reference Elevation (ft AMSL)	Constructed Well Depth (ft)[1]	Measured Well Depth (ft)[2]	Well Bottom Delta (ft)[3]	Recommendations			
						S	PS-RS	D-RDS	SD-PSRS
June 2025 Annual Groundwater Sampling Event [4]									
3257	6/9/2025	572.38	28.95	35.80	-6.85			X	
5221	6/16/2025	576.80	44.60	42.60	2.00		X		
6209	6/10/2025	577.55	45.05	42.90	2.15		X		
7120	6/9/2025	577.44	33.21	33.66	-0.45	X			
7130	6/10/2025	576.21	29.43	30.08	-0.65			X	
7132	6/13/2025	576.94	30.62	30.65	-0.03	X			
7155	6/13/2025	576.15	29.31	29.01	0.30	X			
7161	6/9/2025	571.96	21.16	20.94	0.22	X			
7205	6/9/2025	576.77	51.08	46.37	4.71		X		
8106	6/9/2025	572.04	16.53	16.78	-0.25	X			
8110	6/10/2025	578.97	26.61	27.63	-1.02			X	
8120	6/10/2025	575.97	29.81	24.30	5.51		X		
8130	6/10/2025	578.08	33.02	33.49	-0.47	X			
8140	6/10/2025	577.77	34.37	34.86	-0.49	X			
8210	6/10/2025	573.36	44.66	43.54	1.12	X			
9110	6/10/2025	576.43	26.78	24.20	2.58		X		
9115	6/10/2025	576.96	21.22	20.90	0.32	X			
9120	6/10/2025	576.54	23.23	23.60	-0.37	X			
9125	6/10/2025	576.08	26.93	26.50	0.43	X			
9130	6/10/2025	575.31	33.16	33.32	-0.16			X	
9140	6/11/2025	577.82	28.81	28.78	0.03	X			
9205	6/10/2025	574.38	49.66	47.20	2.46		X		
9210	6/11/2025	581.43	81.77	79.86	1.91		X		
10105	6/11/2025	576.54	29.16	29.10	0.06	X			
10135	6/16/2025	582.30	31.10	35.91	-4.81			X	
10147	6/16/2025	575.29	29.41	30.97	-1.56			X	
10272	6/13/2025	577.48	51.01	49.47	1.54		X		
10174A	6/12/2025	576.56	15.47	11.68	3.79		X		
10178A	6/12/2025	574.55	13.46	11.00	2.46		X		
10178B	6/12/2025	574.61	20.82	20.84	-0.02	X			
10205	6/11/2025	599.59	53.94	45.92	8.02				X
10210A	6/11/2025	576.12	216.41	212.75	3.66		X		
10210B	6/11/2025	576.50	140.10	138.55	1.55		X		
10210C	6/11/2025	576.18	83.59	81.68	1.91		X		
10215	6/11/2025	576.92	58.93	59.27	-0.34	X			
10225A	6/12/2025	576.60	207.32	207.95	-0.63			X	
10225B	6/12/2025	576.49	139.80	118.28	21.52				X
10225C	6/12/2025	576.97	64.94	62.25	2.69		X		
10270	6/13/2025	575.86	48.67	48.52	0.15	X			

Table 3.9

2025 Well Depths
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well ID	Date	Reference Elevation (ft AMSL)	Constructed Well Depth (ft)[1]	Measured Well Depth (ft)[2]	Well Bottom Delta (ft)[3]	Recommendations			
						S	PS-RS	D-RDS	SD-PSRS
June 2025 Annual Groundwater Sampling Event [4] (con't)									
10278	6/12/2025	575.82	48.67	42.70	5.97		X		
MW-1	6/9/2025	572.09	37.48	38.88	-1.40			X	
MW-2	6/9/2025	571.64	38.51	37.05	1.46		X		

Notes:

1) Constructed well depth information was compiled from numerous sources including borehole/well construction logs, Site investigation reports, Site
2) Measured well depth is the depth of the well from the top of the riser (inner casing) to the bottom of the well screen and includes the stickup/flush mount
3) Well Bottom Delta = Measured Well Depth - Constructed Well Depth
4) Bottom depths were not measured during the annual groundwater sampling event. The annual well inspection measurements collected July 7-14, 2025 have been used for evaluation purposes.

-4.85 Delta value indicates the well information needs to be updated to reflect current conditions

0.95 Delta value indicates the well may have silting occurring

21.52 Delta value indicates there is a significant difference between the measured bottom depth and the constructed depth; unclear if silting or incorrect database well information

S = **S**urvey only

PS-RS = **P**ossible **S**ilting - Recommend **R**edevelopment and **S**urvey

D-RDS = **D**iscrepancy in well information - Recommend **Red**evelopment and **S**urvey

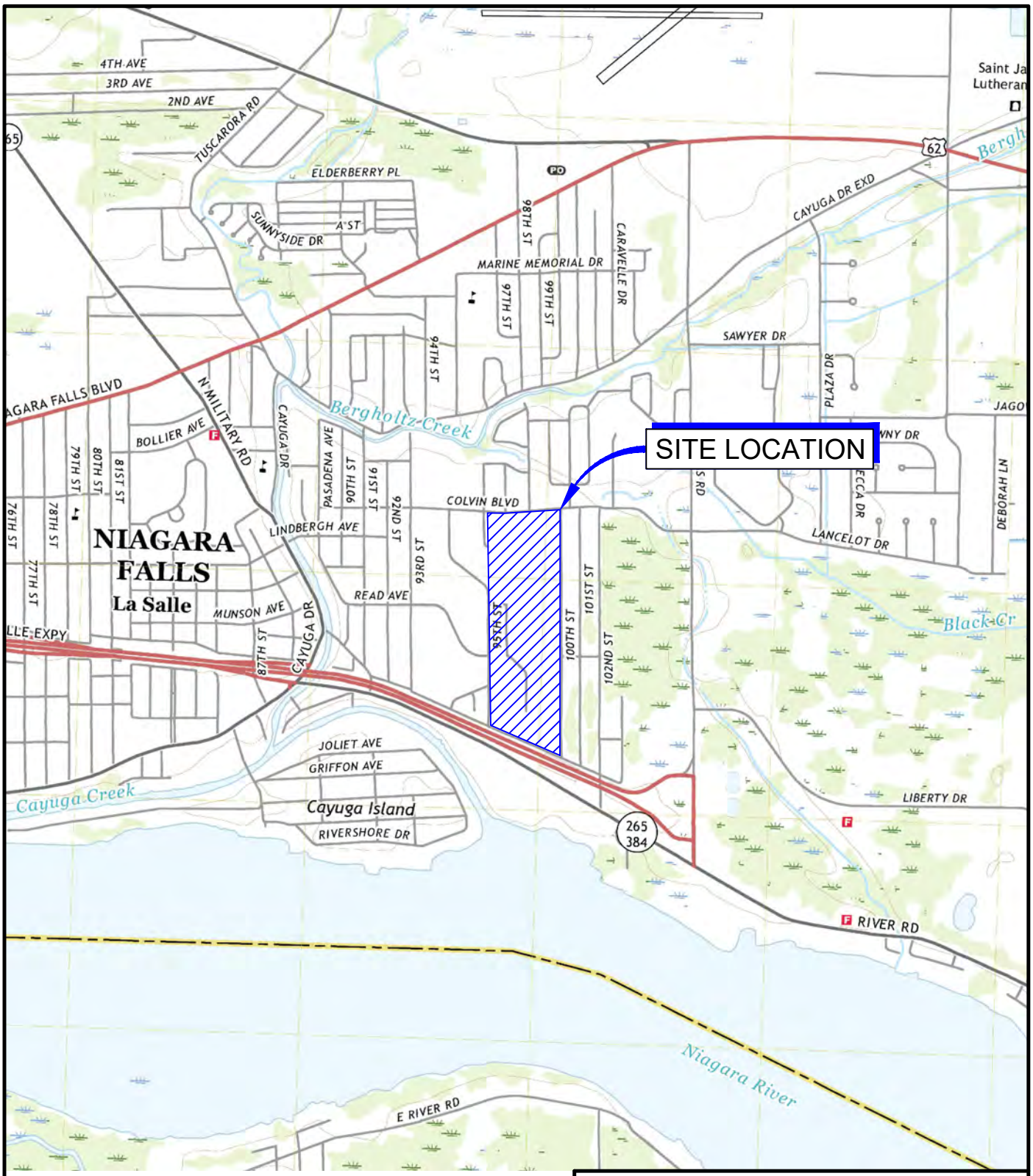
SD-PSRS = **S**ignificant **D**iscrepancy - **P**ossible **S**ilting - Recommend **R**edevelopment and **S**urvey

NA = Information Not available

ft = feet

ft AMSL = feet above mean sea level

Figures



C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-001-SITE LOCATION - MJerome 3/17/25

DATA SOURCE:
USGS QUAD MAP; TONAWANDA WEST, NY, 2019.

0 2,000'
SCALE IN FEET

SITE LOCATION

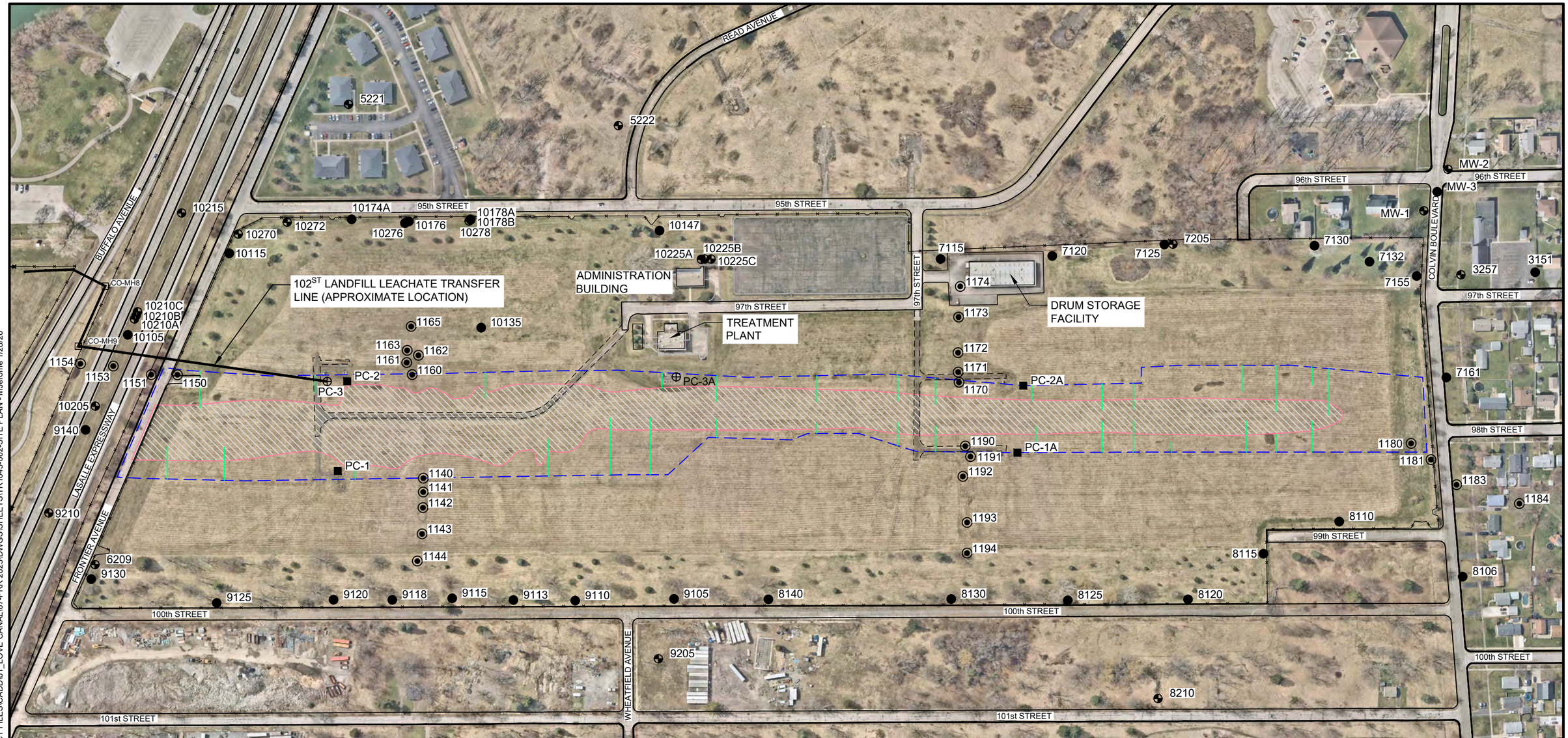
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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FIGURE
1.1

PROJECT NO: TR1045

January 2026



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- ■ PC-1 — PUMP CHAMBER FOR LEACHATE COLLECTION
- ⊕ PC-3 — PUMP CHAMBER / UNDERGROUND LEACHATE STORAGE TANK FOR LEACHATE COLLECTION AND TRANSFER
- ◉ 7105 — PIEZOMETER
- ● 9120 — OVERBURDEN OBSERVATION WELL
- ⊕ 10270 — BEDROCK OBSERVATION WELL

NOTE:
WELL 3151 IS UNABLE TO BE LOCATED
(ASSUMED TO BE PAVED OVER).

0 250'
SCALE IN FEET

SITE PLAN

GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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FIGURE 2.1

PROJECT NO: TR1045 | JANUARY 2026

IMAGERY SOURCE: NEARMAP, DATE OF PHOTOGRAPHY 2024-03-30.

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&MPROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-002-SITE PLAN - MJerome 1/28/26

READ AVENUE

95th STREET

95th STREET

96th STREET

96th STREET

BUFFALO AVENUE

CO-MH8

CO-MH9

102ST LANDFILL LEACHATE TRANSFER LINE (APPROXIMATE LOCATION)

ADMINISTRATION BUILDING

97th STREET

97th STREET

TREATMENT PLANT

DRUM STORAGE FACILITY

COLVIN BOULEVARD

97th STREET

98th STREET

99th STREET

LASALLE EXPRESSWAY

FRONTIER AVENUE

MH-12A

MH-12

MH-10

MH-8

MH-6

MH-4

MH-2

PC-3

PC-2

PC-3A

MH-2A

MH-4A

PC-2A

MH-6B

MH-6C

MH-6A

MH-8A

MH-10A

MH-19A

MH-11

MH-9

PC-1

MH-7

MH-5

MH-3

MH-1

MH-1A

MH-3A

MH-5A

MH-7A

MH-9A

MH-11A

PC-1A

MH-13A

MH-15A

MH-17A

100th STREET

100th STREET

100th STREET

WHEATFIELD AVENUE

101st STREET

101st STREET

LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- ■ PC-1 — PUMP CHAMBER FOR LEACHATE COLLECTION
- ⊕ PC-3 — PUMP CHAMBER / UNDERGROUND LEACHATE STORAGE TANK FOR LEACHATE COLLECTION AND TRANSFER
- ○ MH-1 — MANHOLE LOCATION
- □ CO-MH3 — FORCEMAIN CLEAN OUT MANHOLE

0 250'

SCALE IN FEET

MANHOLE LOCATIONS

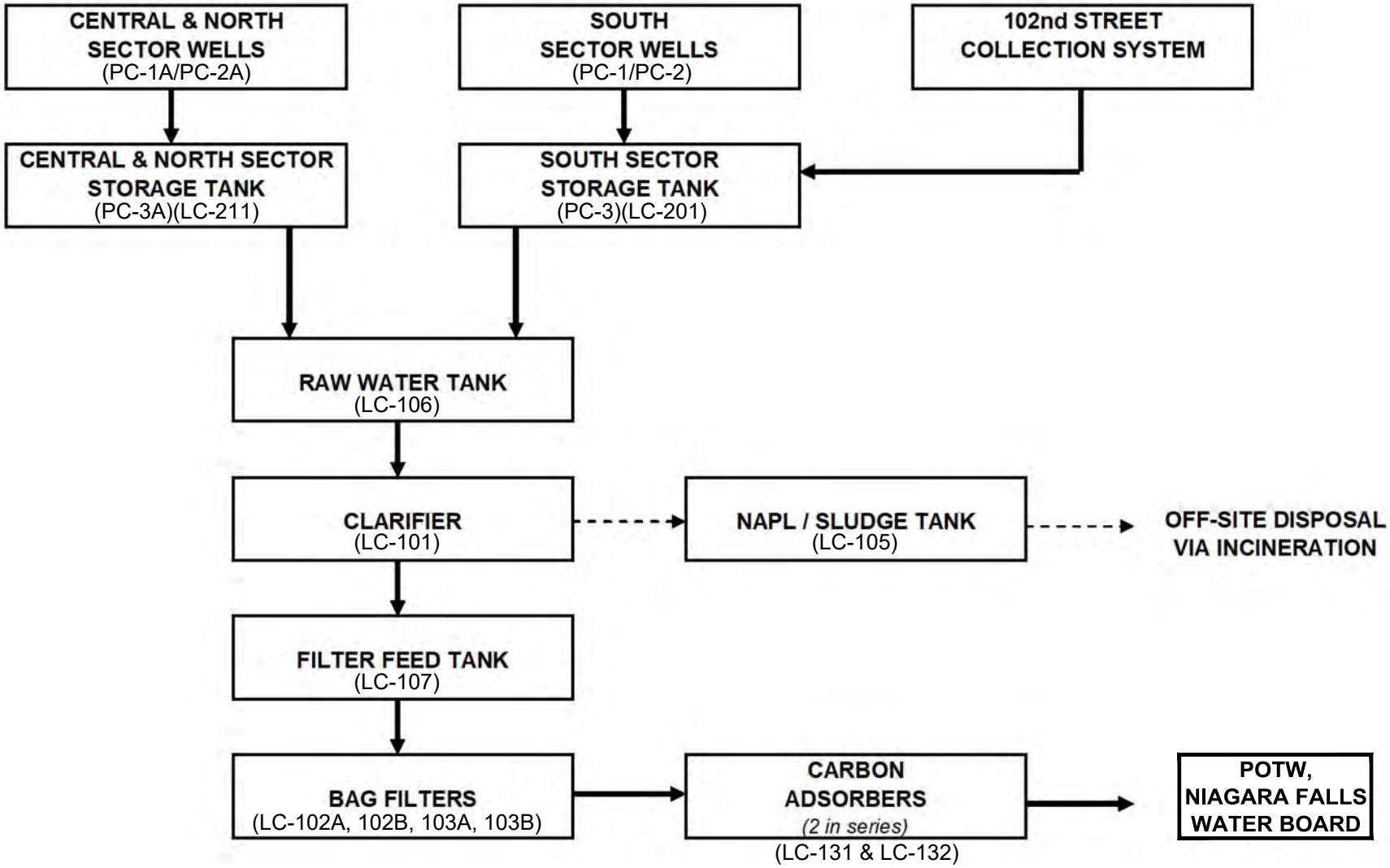
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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FIGURE 2.2

PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-003-MANHOLE LOCATIONS - MJerome 3/17/25



PROCESS SCHEMATIC

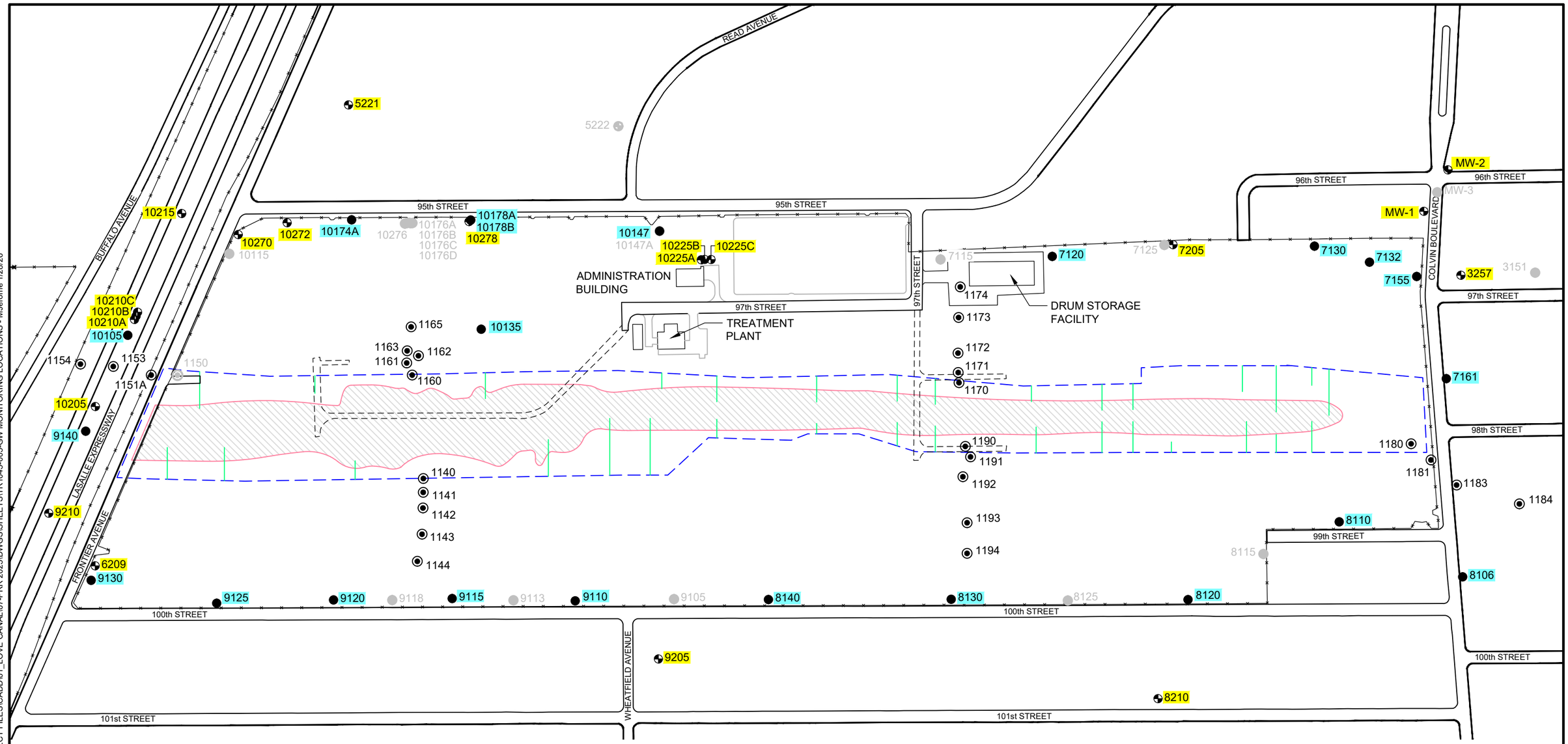
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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FIGURE 3.1

PROJECT NO: TR1045 | January 2026

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&MPROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-004-PROCESS SCHEMATIC - MJerome 3/17/25



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE

- 7120 OVERBURDEN GROUNDWATER MONITORING WELL SAMPLED IN 2025
- 3257 BEDROCK GROUNDWATER MONITORING WELL SAMPLED IN 2025
- 7105 PIEZOMETER HYDRAULICALLY MONITORED IN 2025
- 9122 OVERBURDEN GROUNDWATER MONITORING WELL NOT SAMPLED IN 2025
- 5222 BEDROCK GROUNDWATER MONITORING WELL NOT SAMPLED IN 2025

NOTE:
WELL 3151 IS UNABLE TO BE LOCATED
(ASSUMED TO BE PAVED OVER).

0 250'
SCALE IN FEET

2025 GROUNDWATER MONITORING LOCATIONS

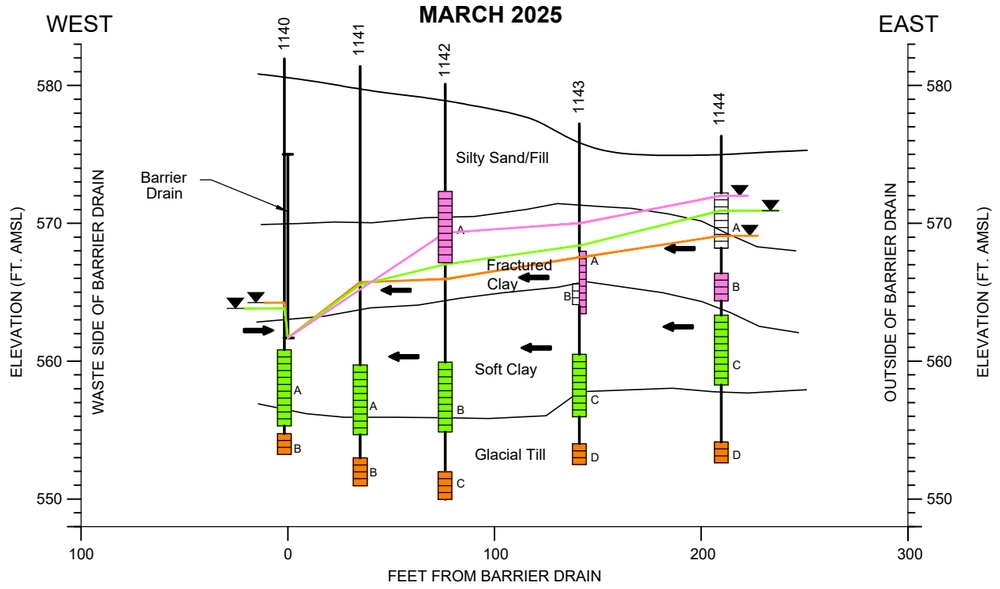
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

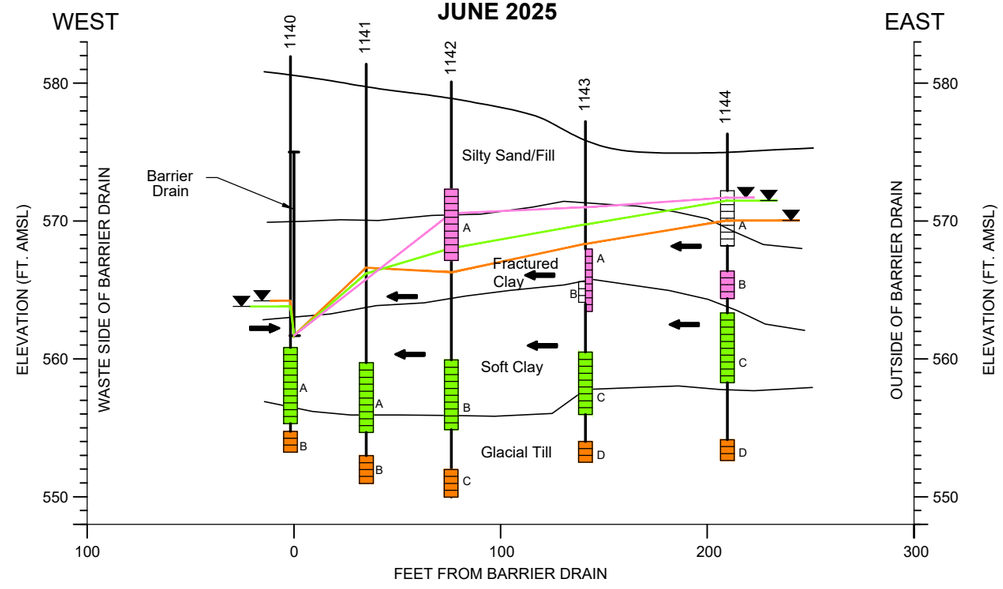
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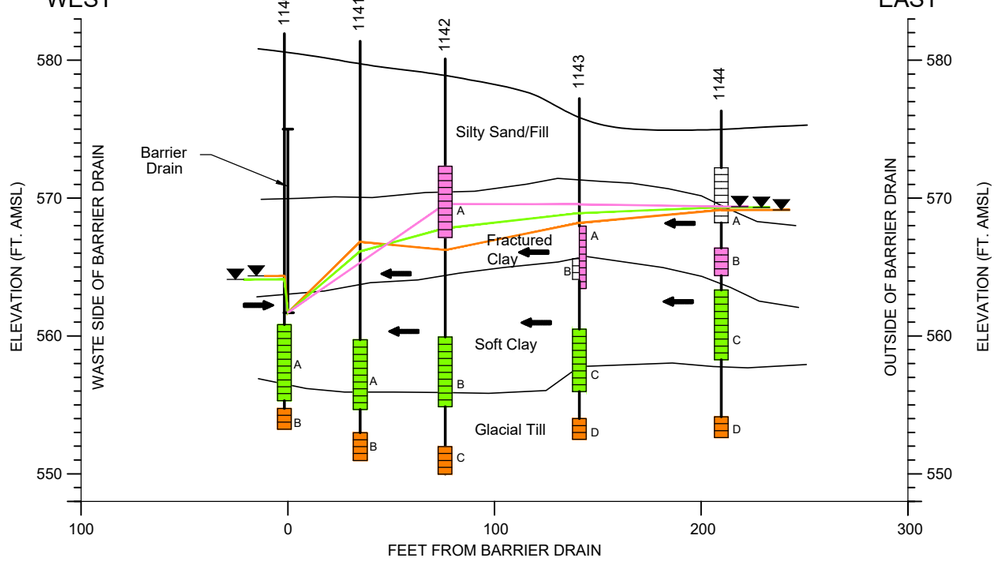
FIGURE 3.2

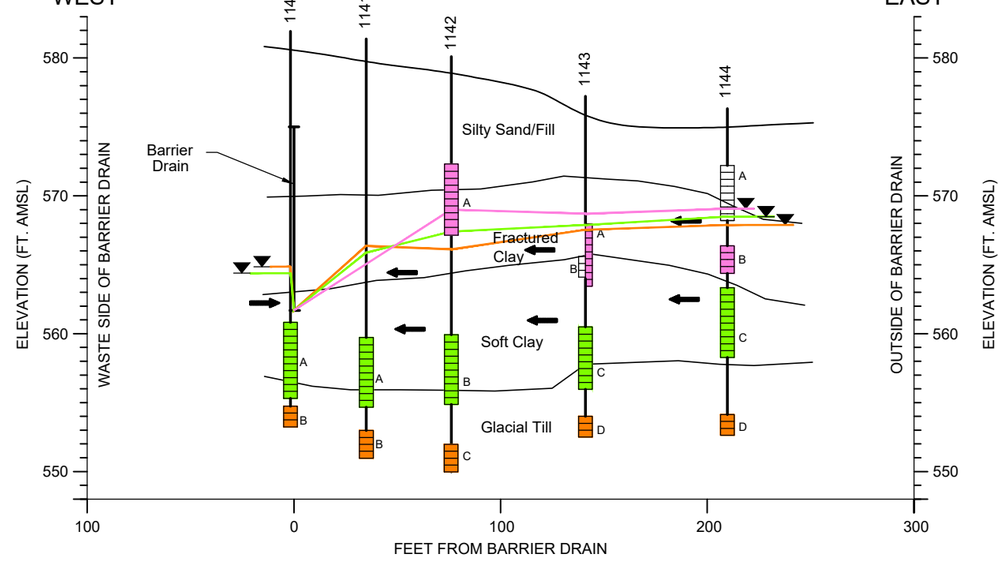
PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEET\SITR1045-005-GW MONITORING LOCATIONS - MJerome 1/28/26









LEGEND

- A — PIEZOMETER DESIGNATION
- FLOW DIRECTION
- SCREENED INTERVAL
- GLACIAL TILL GROUNDWATER LEVEL
- FRACTURED CLAY GROUNDWATER LEVEL
- SOFT CLAY GROUNDWATER LEVEL

NOTES:
(1) GROUNDWATER LEVEL SHOWN MATCH THE COLORED SCREEN INTERVAL.
(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

2025 FLOW DIAGRAMS 1140 SERIES PIEZOMETERS

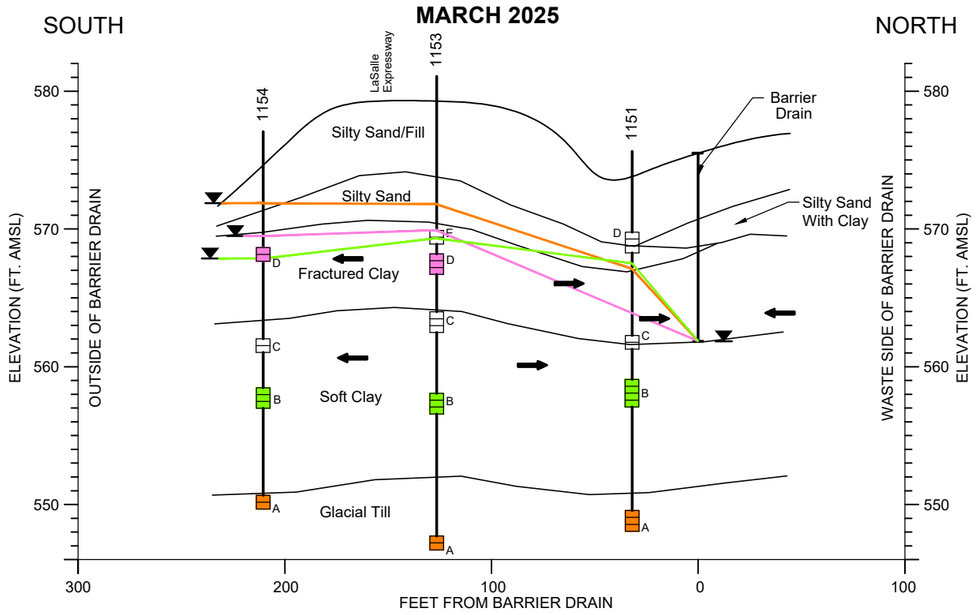
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

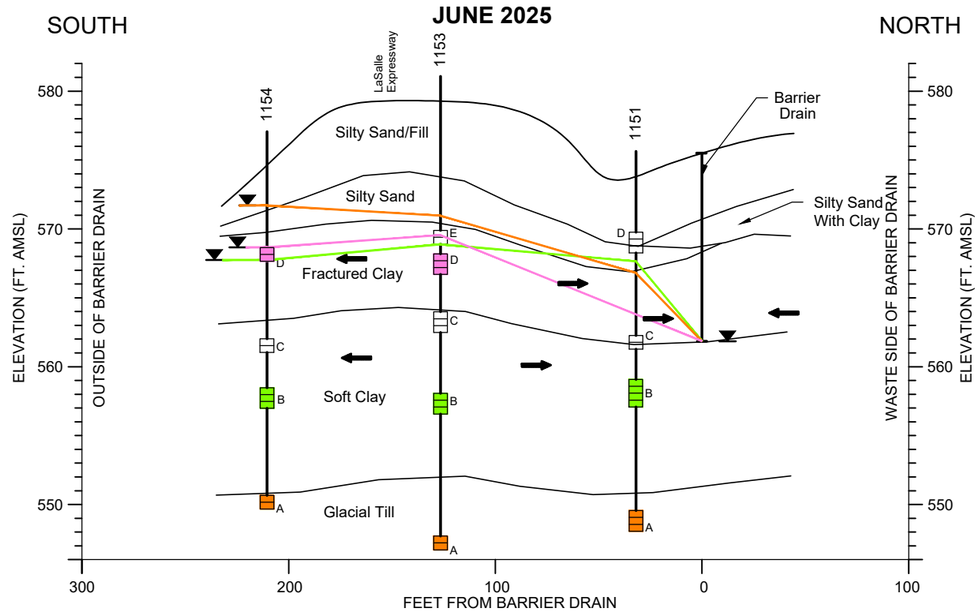
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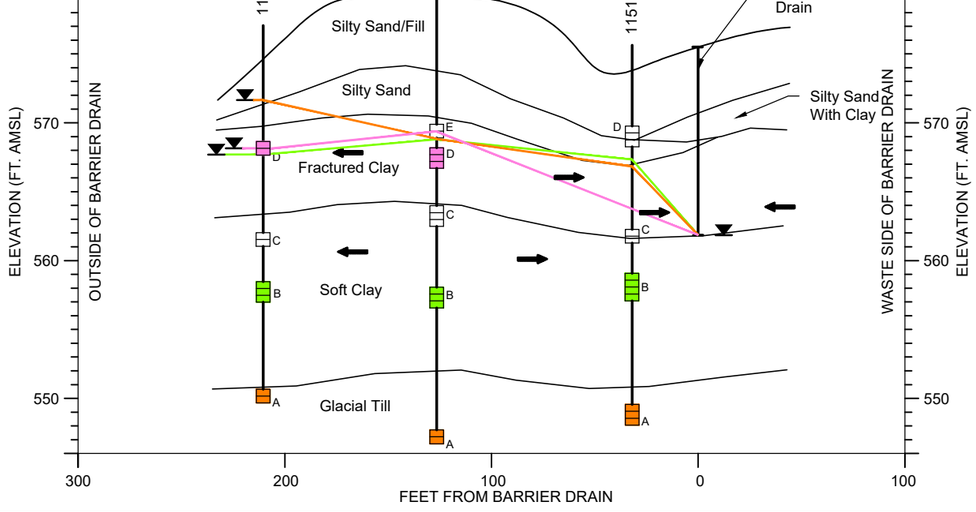
FIGURE 3.3

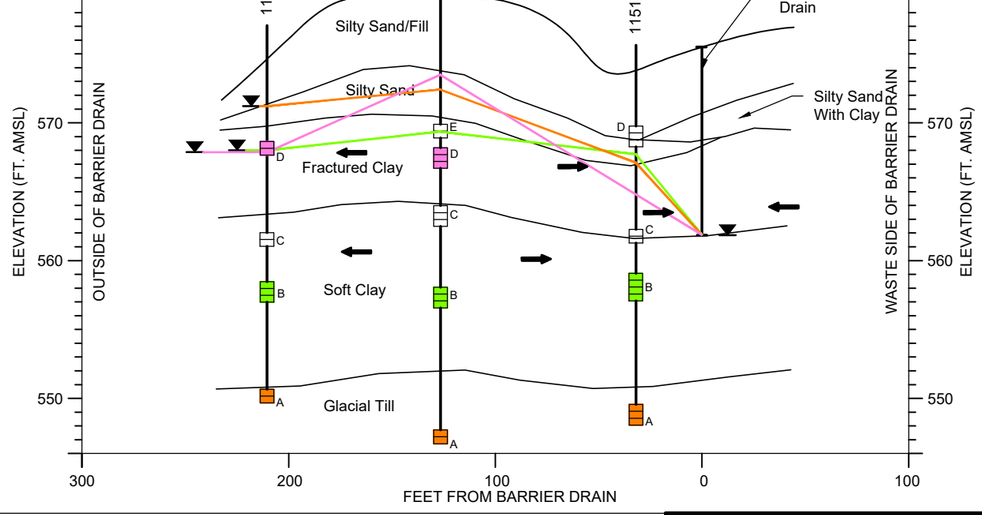
PROJECT NO: TR1045 | JANUARY 2026

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LEGEND

- A — PIEZOMETER DESIGNATION
- FLOW DIRECTION
- SCREENED INTERVAL
- GLACIAL TILL GROUNDWATER LEVEL
- FRACTURED CLAY GROUNDWATER LEVEL
- SOFT CLAY GROUNDWATER LEVEL

NOTES:
(1) GROUNDWATER LEVEL SHOWN MATCH THE COLORED SCREEN INTERVAL.
(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

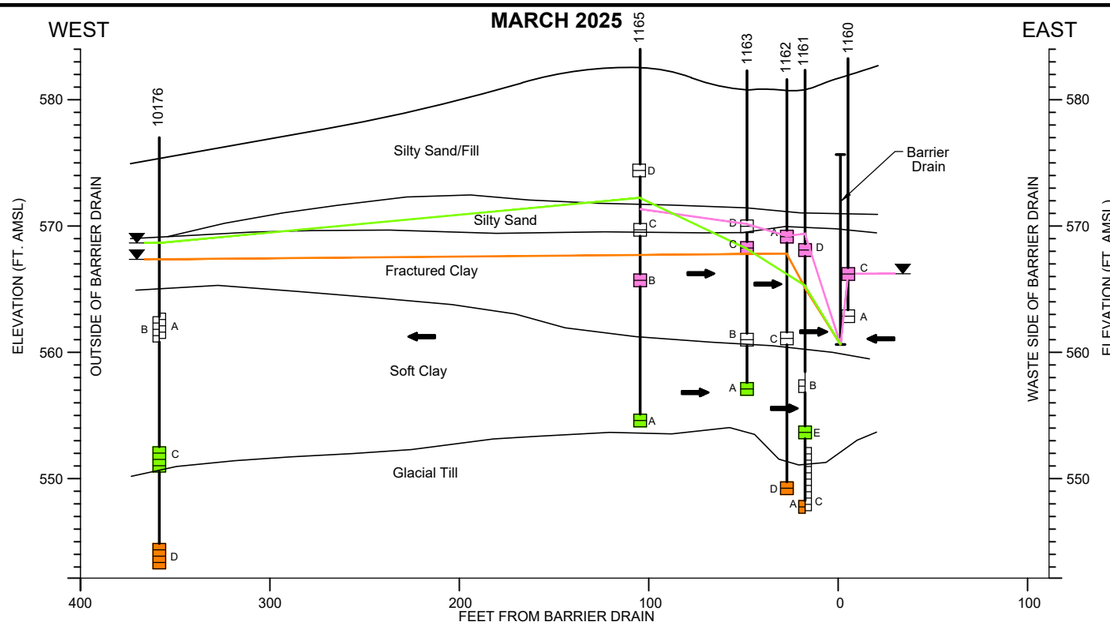
2025 FLOW DIAGRAMS
1150 SERIES PIEZOMETERS
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

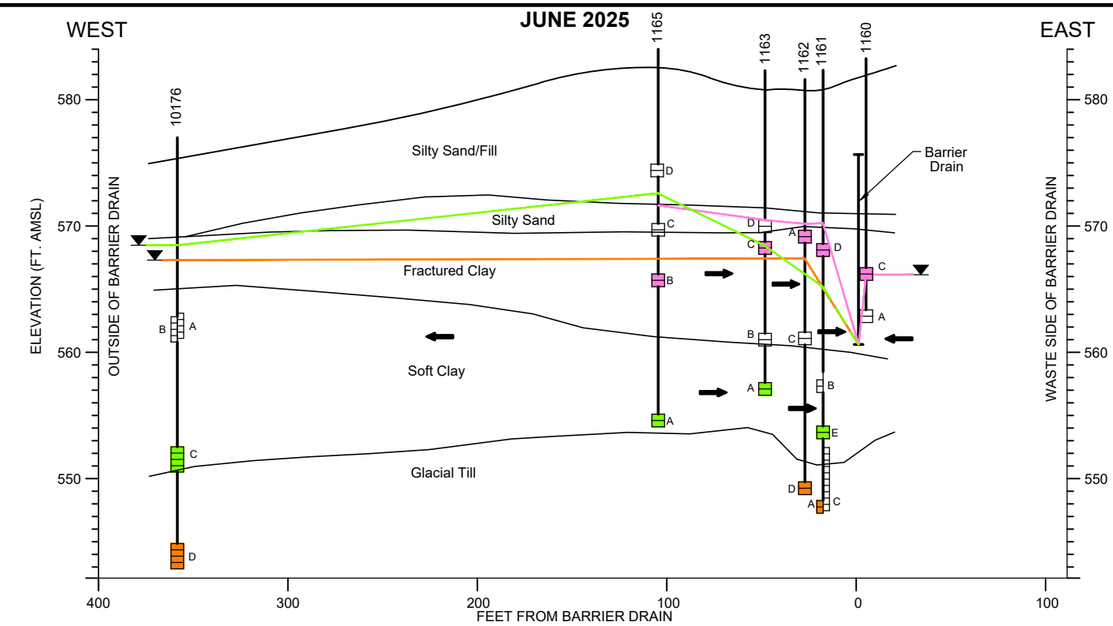
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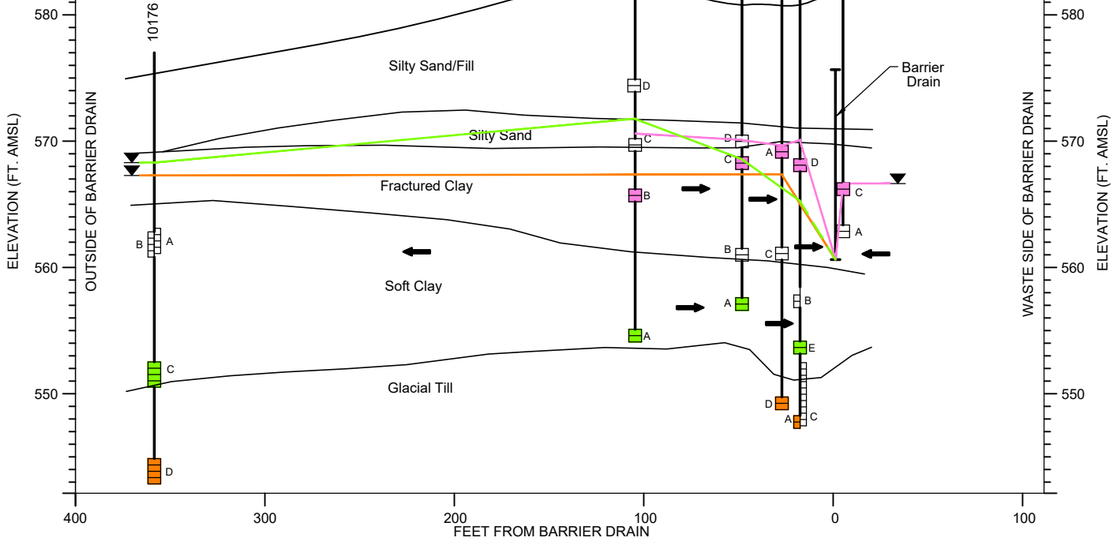
PROJECT NO: TR1045 | JANUARY 2026

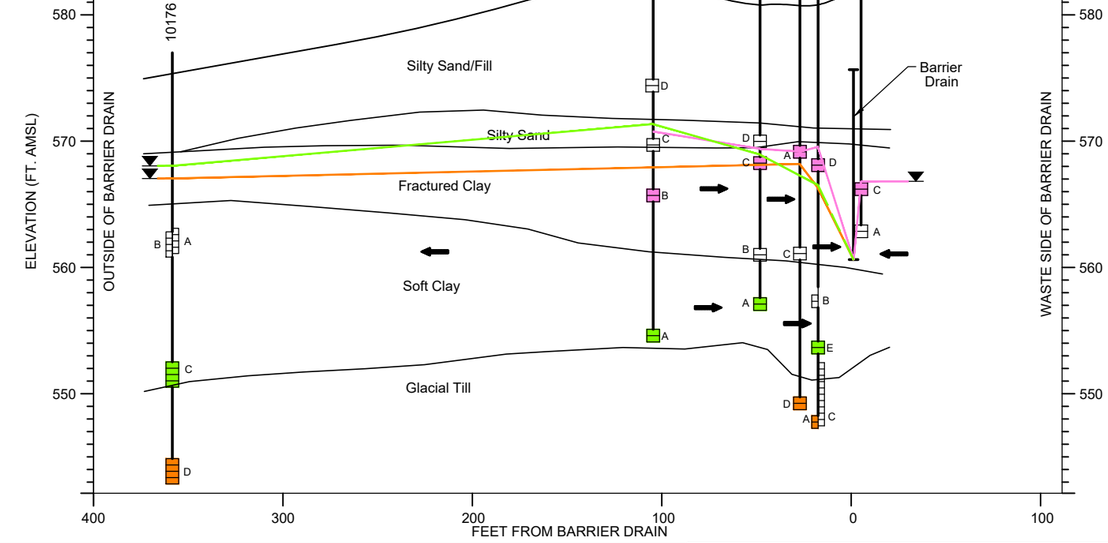
FIGURE 3.4

C:_GEO-ACC\ACCDOCS\GEOSYNTEC@GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWG\SHEETS\TR1045-007-1150 SERIES PZ - MJerome 1/13/26









LEGEND

- A — PIEZOMETER DESIGNATION
- FLOW DIRECTION
- SCREENED INTERVAL
- GLACIAL TILL GROUNDWATER LEVEL
- FRACTURED CLAY GROUNDWATER LEVEL
- SOFT CLAY GROUNDWATER LEVEL

NOTES:
(1) GROUNDWATER LEVEL SHOWN MATCH THE COLORED SCREEN INTERVAL.
(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

2025 FLOW DIAGRAMS
1160 SERIES PIEZOMETERS

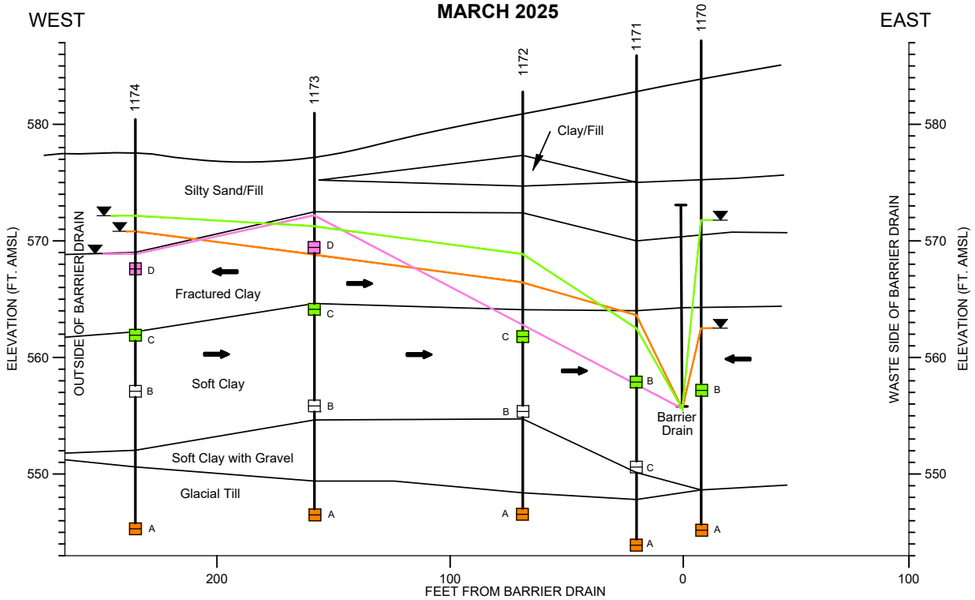
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

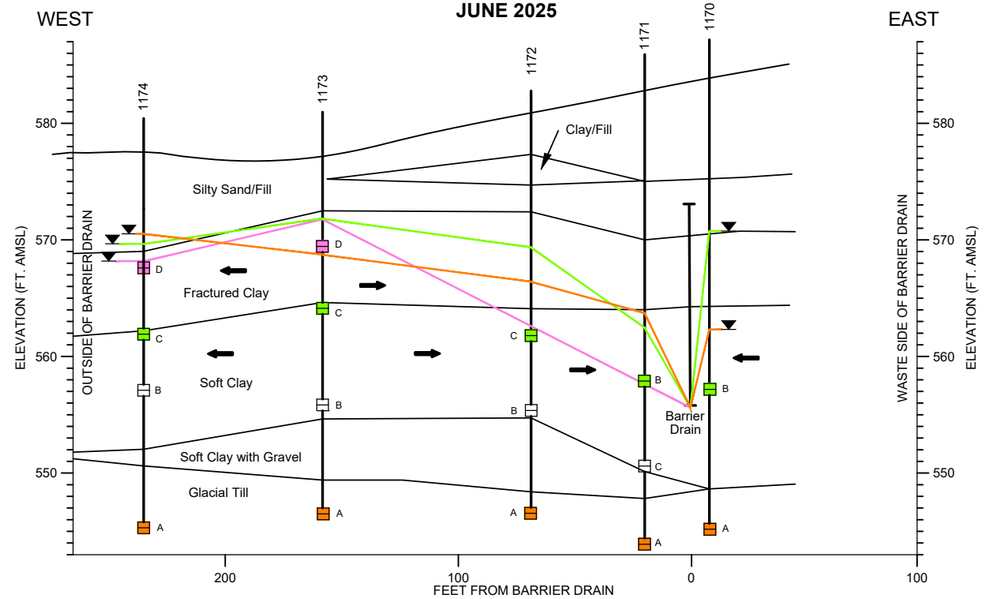
B&B Engineers & Geologists of new york, p.c.
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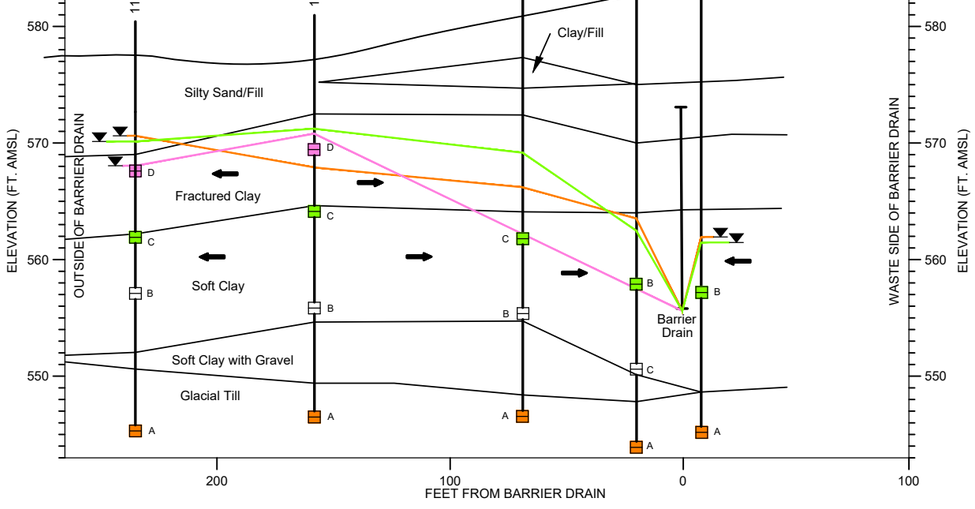
FIGURE 3.5

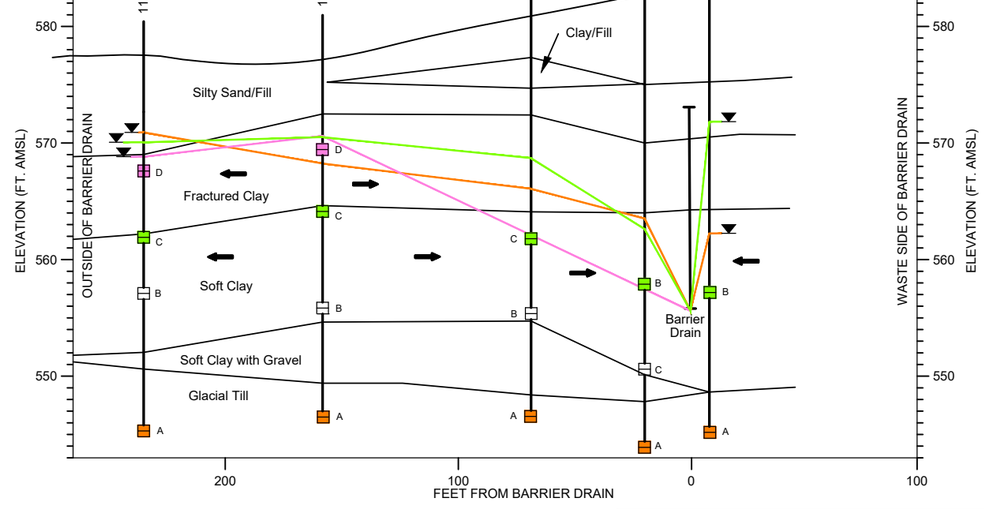
PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWG\SHEETS\TR1045-008-1160 SERIES PZ - MJerome 1/13/26









LEGEND

- A — PIEZOMETER DESIGNATION
- FLOW DIRECTION
- SCREENED INTERVAL
- GLACIAL TILL GROUNDWATER LEVEL
- FRACTURED CLAY GROUNDWATER LEVEL
- SOFT CLAY GROUNDWATER LEVEL

NOTES:
(1) GROUNDWATER LEVEL SHOWN MATCH THE COLORED SCREEN INTERVAL.
(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

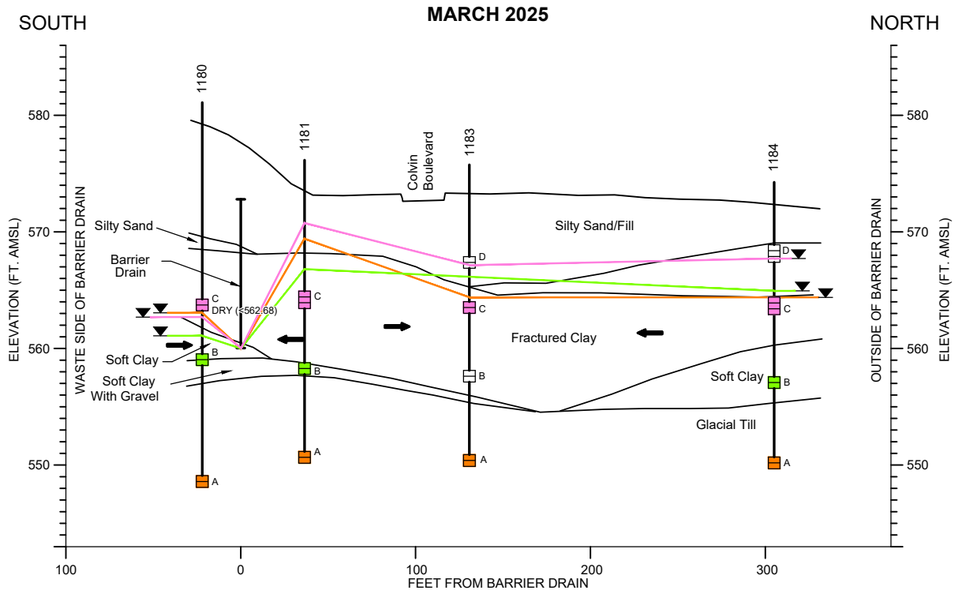
2025 FLOW DIAGRAMS
1170 SERIES PIEZOMETERS
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

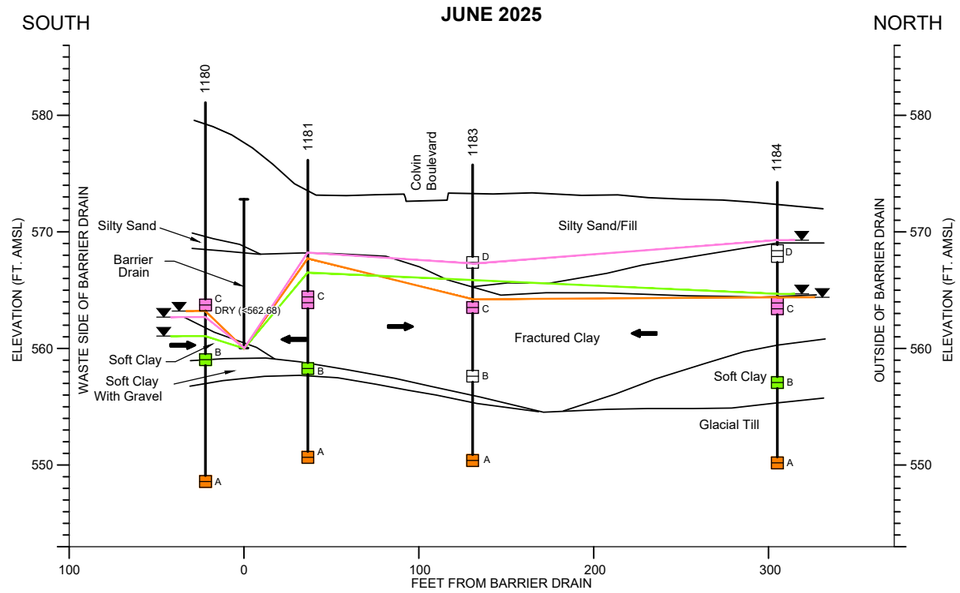
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PROJECT NO: TR1045 | JANUARY 2026

FIGURE 3.6

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&MPROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-009-1170 SERIES PZ - MJerome 1/28/26





LEGEND

- A — PIEZOMETER DESIGNATION
- FLOW DIRECTION
- SCREENED INTERVAL
- GLACIAL TILL GROUNDWATER LEVEL
- FRACTURED CLAY GROUNDWATER LEVEL
- SOFT CLAY GROUNDWATER LEVEL

NOTES:
(1) GROUNDWATER LEVEL SHOWN MATCH THE COLORED SCREEN INTERVAL.
(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

2025 FLOW DIAGRAMS
1180 SERIES PIEZOMETERS

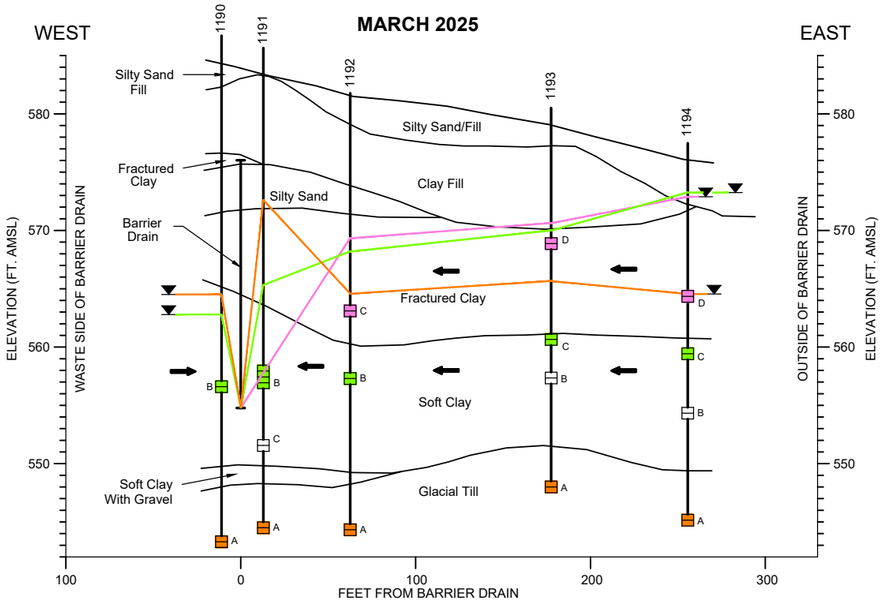
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

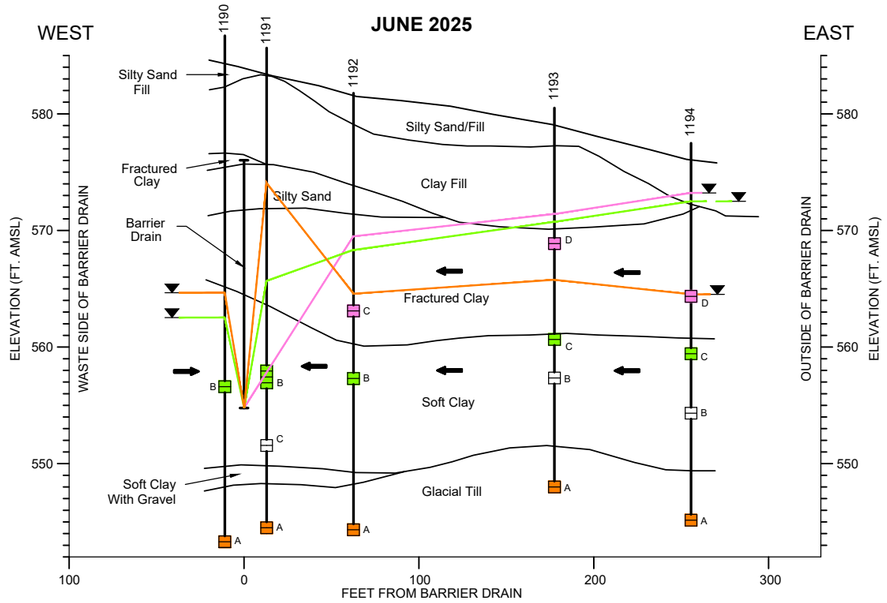
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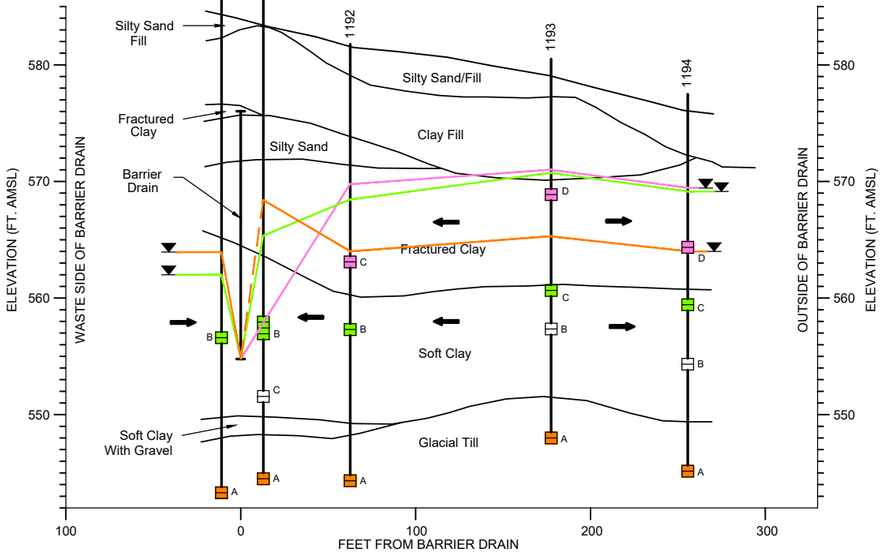
FIGURE 3.7

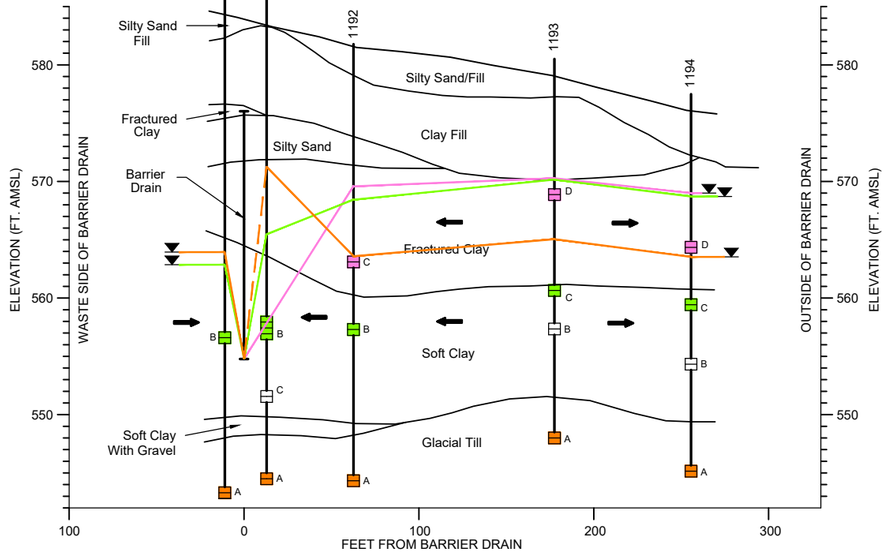
PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-010-1180 SERIES PZ - MJerome 1/28/26









LEGEND

- A — PIEZOMETER DESIGNATION
- FLOW DIRECTION
- SCREENED INTERVAL
- GLACIAL TILL GROUNDWATER LEVEL
- FRACTURED CLAY GROUNDWATER LEVEL
- SOFT CLAY GROUNDWATER LEVEL

NOTES:
(1) GROUNDWATER LEVEL SHOWN MATCH THE COLORED SCREEN INTERVAL.
(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

2025 FLOW DIAGRAMS
1190 SERIES PIEZOMETERS

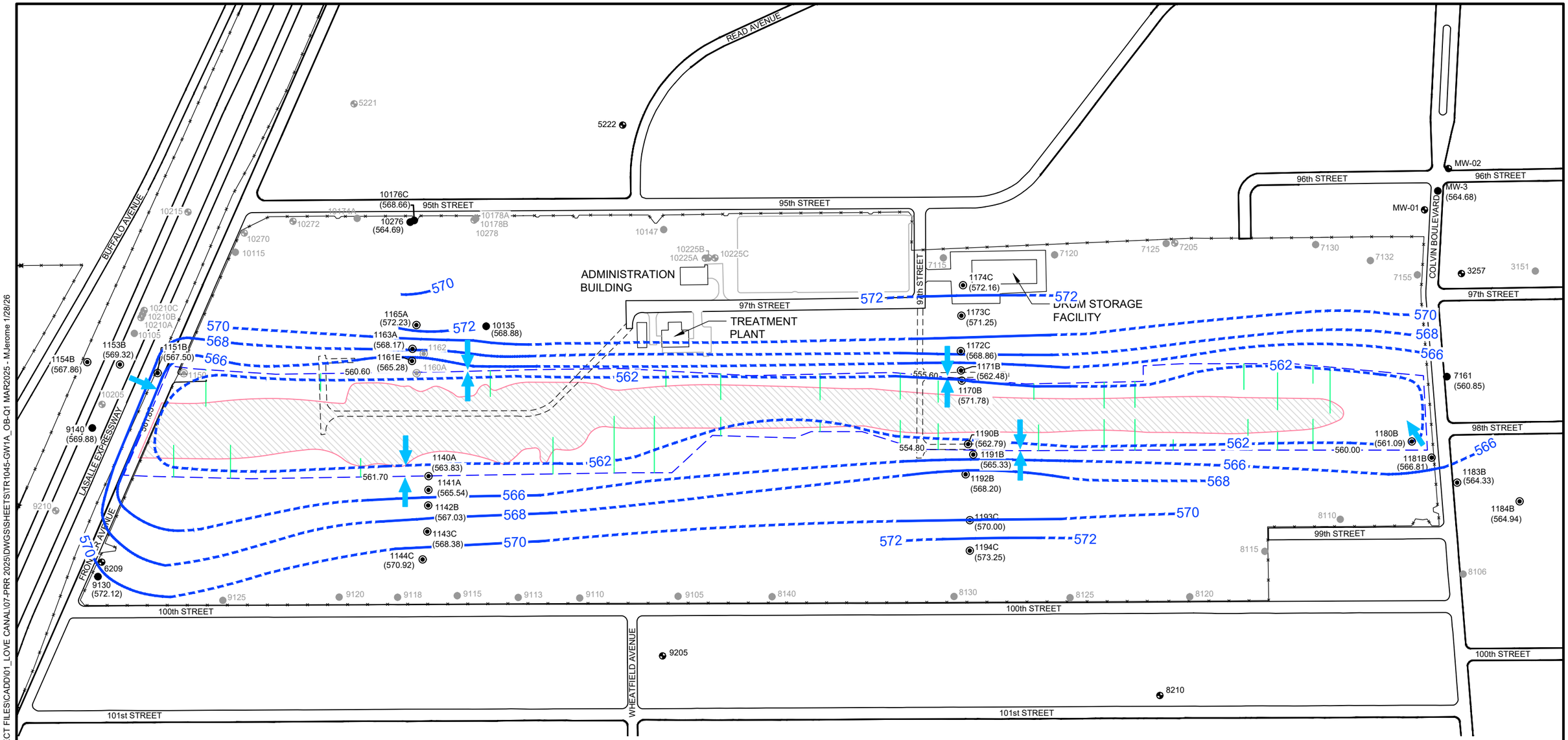
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FIGURE 3.8

PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACCIACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-011-1190 SERIES PZ - MJerome 1/28/26



LEGEND

- FENCE LINE
- ·554.80· ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (572.12) GROUNDWATER ELEVATION
- 570 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025

NOTE:
THE OVERBURDEN GROUNDWATER CONTOURS REPRESENT THE HYDRAULIC CONDITIONS FOR THE "SOFT CLAY" GEOLOGICAL UNIT EXCEPT FOR WELL 1183B, WHICH REPRESENTS THE "FRACTURED CLAY" GEOLOGICAL UNIT SINCE THERE IS NO "SOFT CLAY" UNIT PRESENT AT THAT LOCATION.

0 250'
SCALE IN FEET

OVERBURDEN GROUNDWATER CONTOURS MARCH 3, 2025

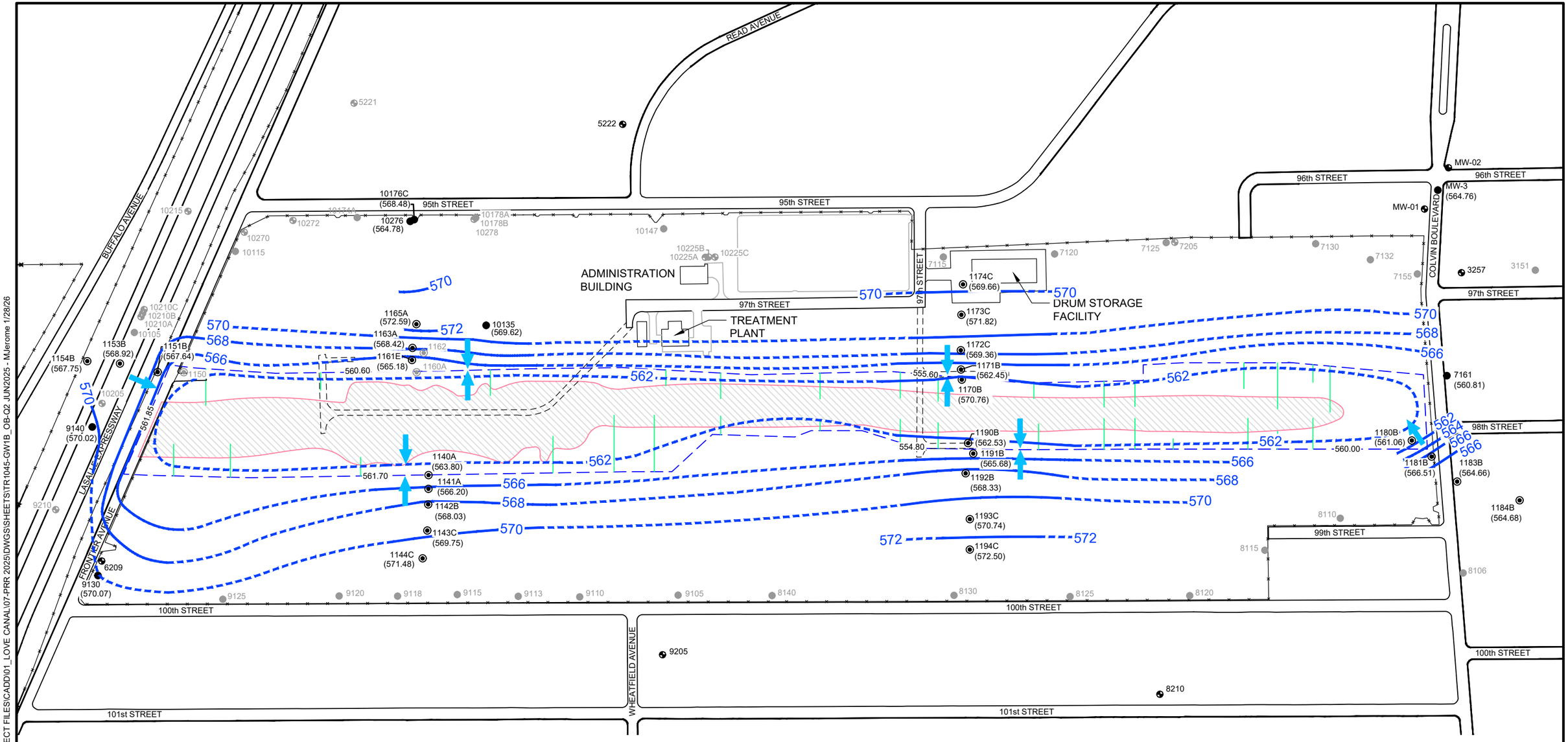
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NYSDEC SITE NO. 932020
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FIGURE 3.9a

PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACCVACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-GW1A_OB-Q1 MAR2025 - MJerome 1/28/26



LEGEND

- FENCE LINE
- 554.80 — ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (569.75) GROUNDWATER ELEVATION
- 570 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025

NOTE:
THE OVERBURDEN GROUNDWATER CONTOURS REPRESENT THE HYDRAULIC CONDITIONS FOR THE "SOFT CLAY" GEOLOGICAL UNIT EXCEPT FOR WELL 1183B, WHICH REPRESENTS THE "FRACTURED CLAY" GEOLOGICAL UNIT SINCE THERE IS NO "SOFT CLAY" UNIT PRESENT AT THAT LOCATION.

0 250'
SCALE IN FEET

OVERBURDEN GROUNDWATER CONTOURS JUNE 2, 2025

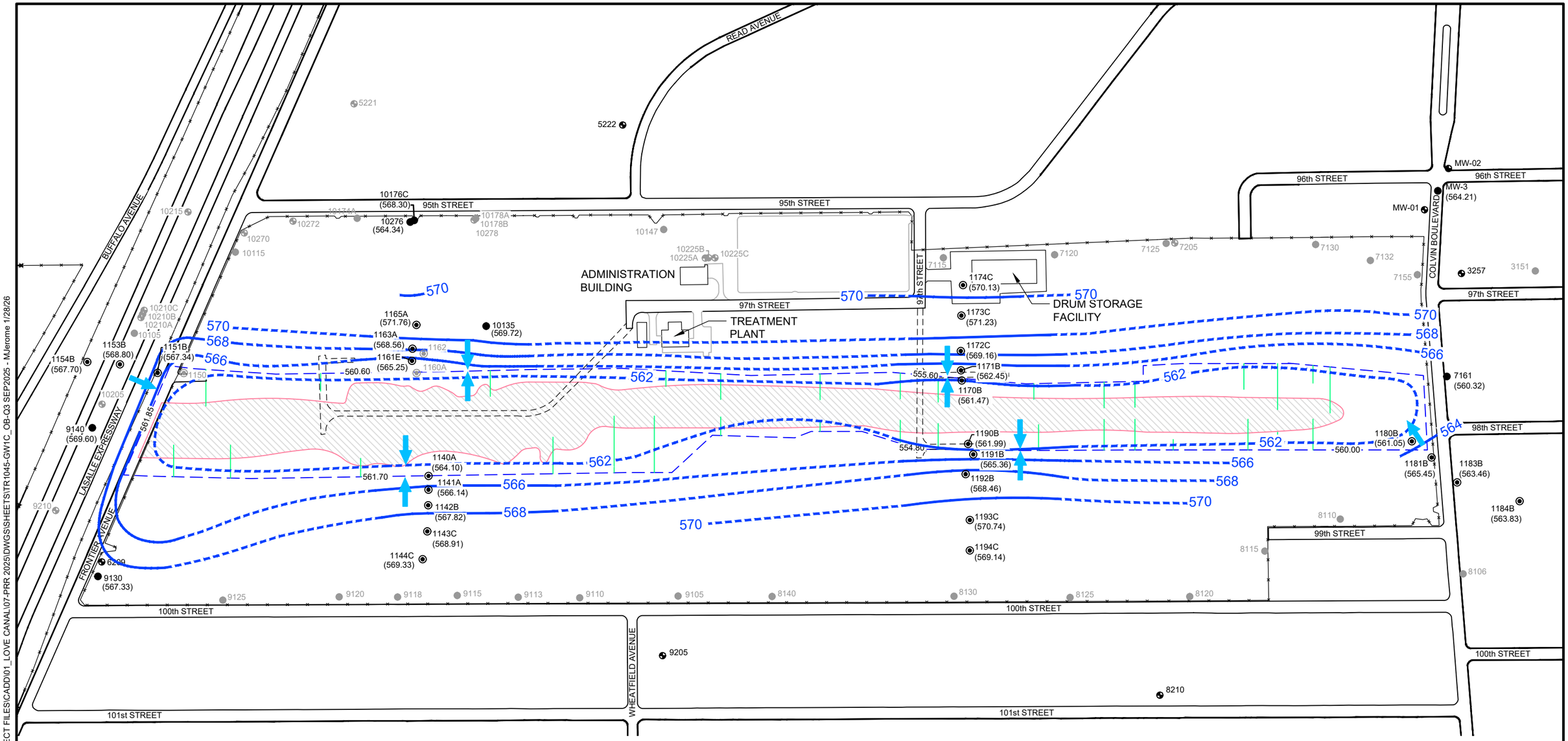
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FIGURE 3.9b

PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-GW1B_OB-Q2 JUN2025 - MJerome 1/28/26



LEGEND

- FENCE LINE
- 554.80 — ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (567.33) GROUNDWATER ELEVATION
- 570 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025

NOTE:
THE OVERBURDEN GROUNDWATER CONTOURS REPRESENT THE HYDRAULIC CONDITIONS FOR THE "SOFT CLAY" GEOLOGICAL UNIT EXCEPT FOR WELL 1183B, WHICH REPRESENTS THE "FRACTURED CLAY" GEOLOGICAL UNIT SINCE THERE IS NO "SOFT CLAY" UNIT PRESENT AT THAT LOCATION.

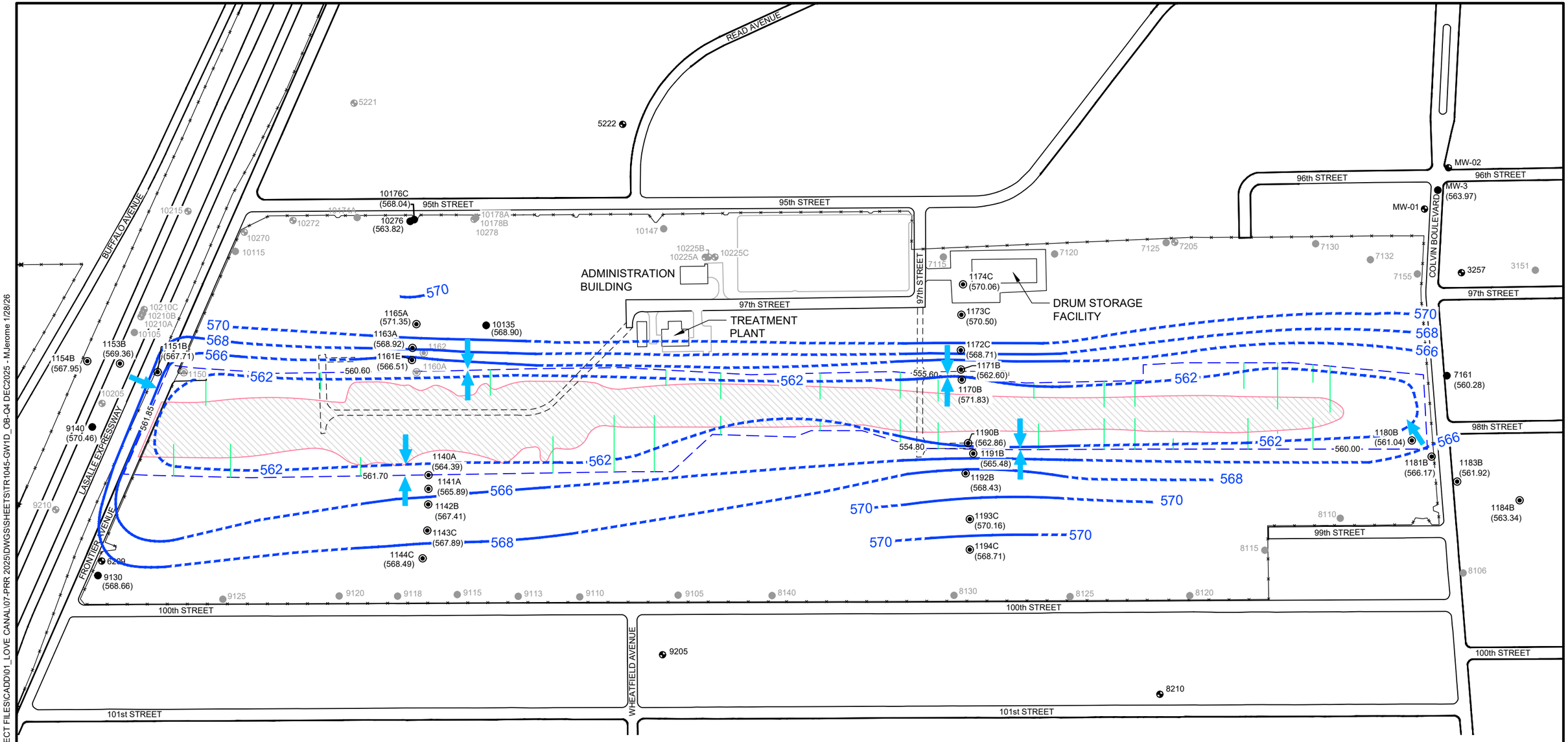
0 250'
SCALE IN FEET

OVERBURDEN GROUNDWATER CONTOURS SEPTEMBER 4, 2025
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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PROJECT NO: TR1045 | JANUARY 2026 | FIGURE 3.9c

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWG\SHEETS\TR1045-GW1C_OB-Q3 SEP2025 - MJerome 1/28/26



LEGEND

- FENCE LINE
- 554.80 — ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (568.66) GROUNDWATER ELEVATION
- 570 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025

NOTE:
THE OVERBURDEN GROUNDWATER CONTOURS REPRESENT THE HYDRAULIC CONDITIONS FOR THE "SOFT CLAY" GEOLOGICAL UNIT EXCEPT FOR WELL 1183B, WHICH REPRESENTS THE "FRACTURED CLAY" GEOLOGICAL UNIT SINCE THERE IS NO "SOFT CLAY" UNIT PRESENT AT THAT LOCATION.

0 250'
SCALE IN FEET

OVERBURDEN GROUNDWATER CONTOURS DECEMBER 3, 2025

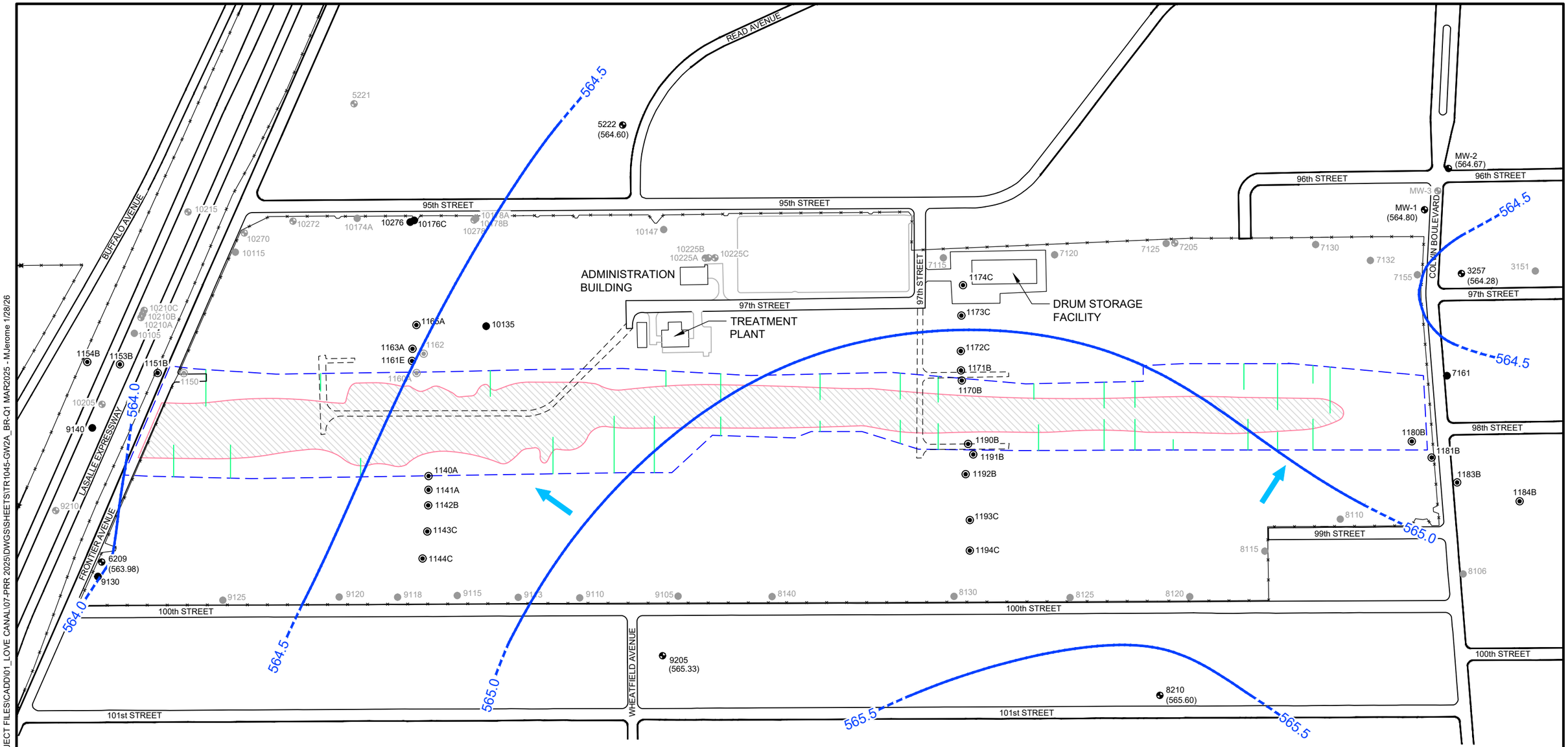
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FIGURE 3.9d

PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-GW1D_OB-Q4 DEC2025 - MJerome 1/28/26



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (565.33) GROUNDWATER ELEVATION
- 565.0 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025

0 250'
SCALE IN FEET

BEDROCK GROUNDWATER CONTOURS MARCH 3, 2025

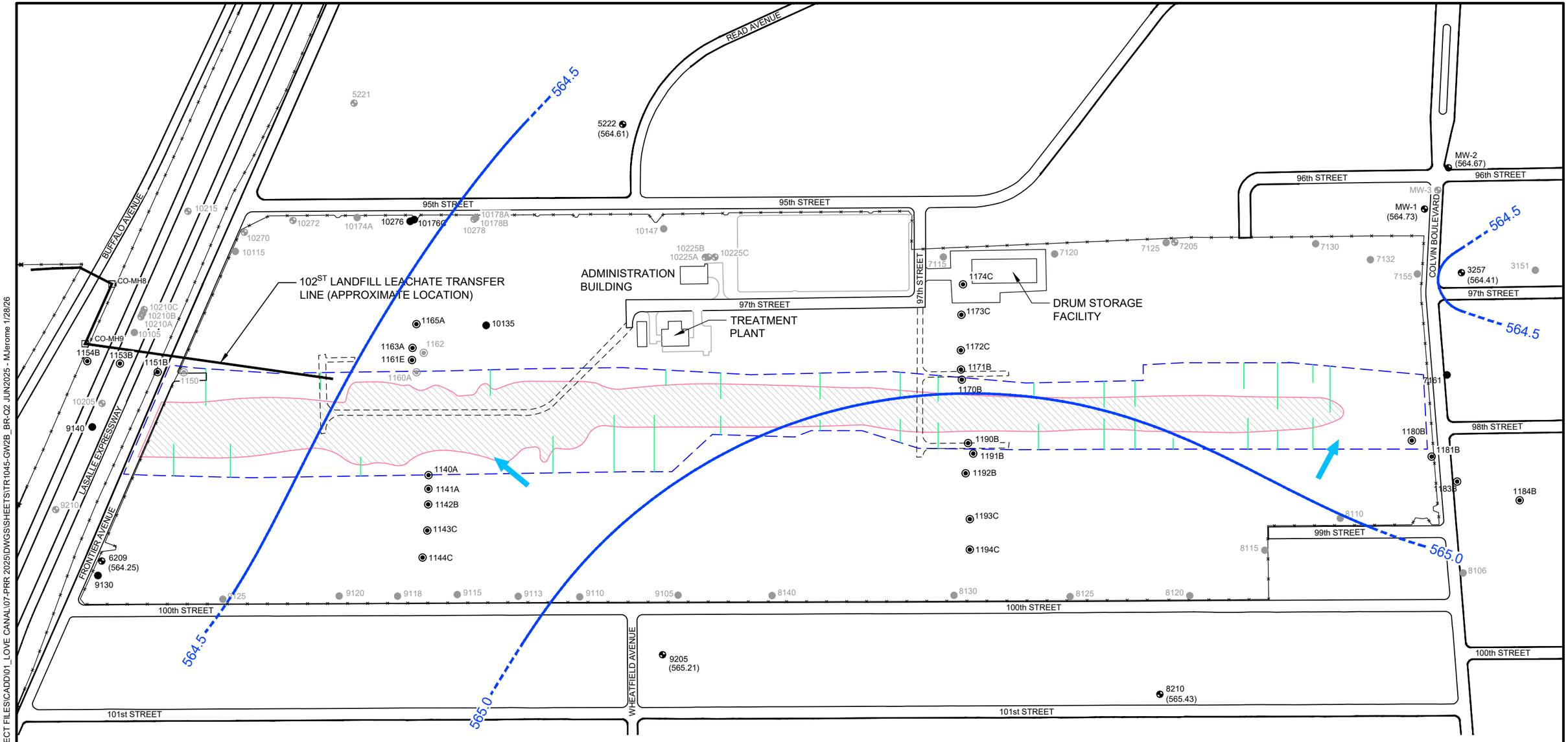
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FIGURE 3.10a

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C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-GW2A_BR-Q1 MAR2025 - MJerome 1/28/26



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (564.25) GROUNDWATER ELEVATION
- 565.0 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025

0 250'
SCALE IN FEET

BEDROCK GROUNDWATER CONTOURS JUNE 2, 2025

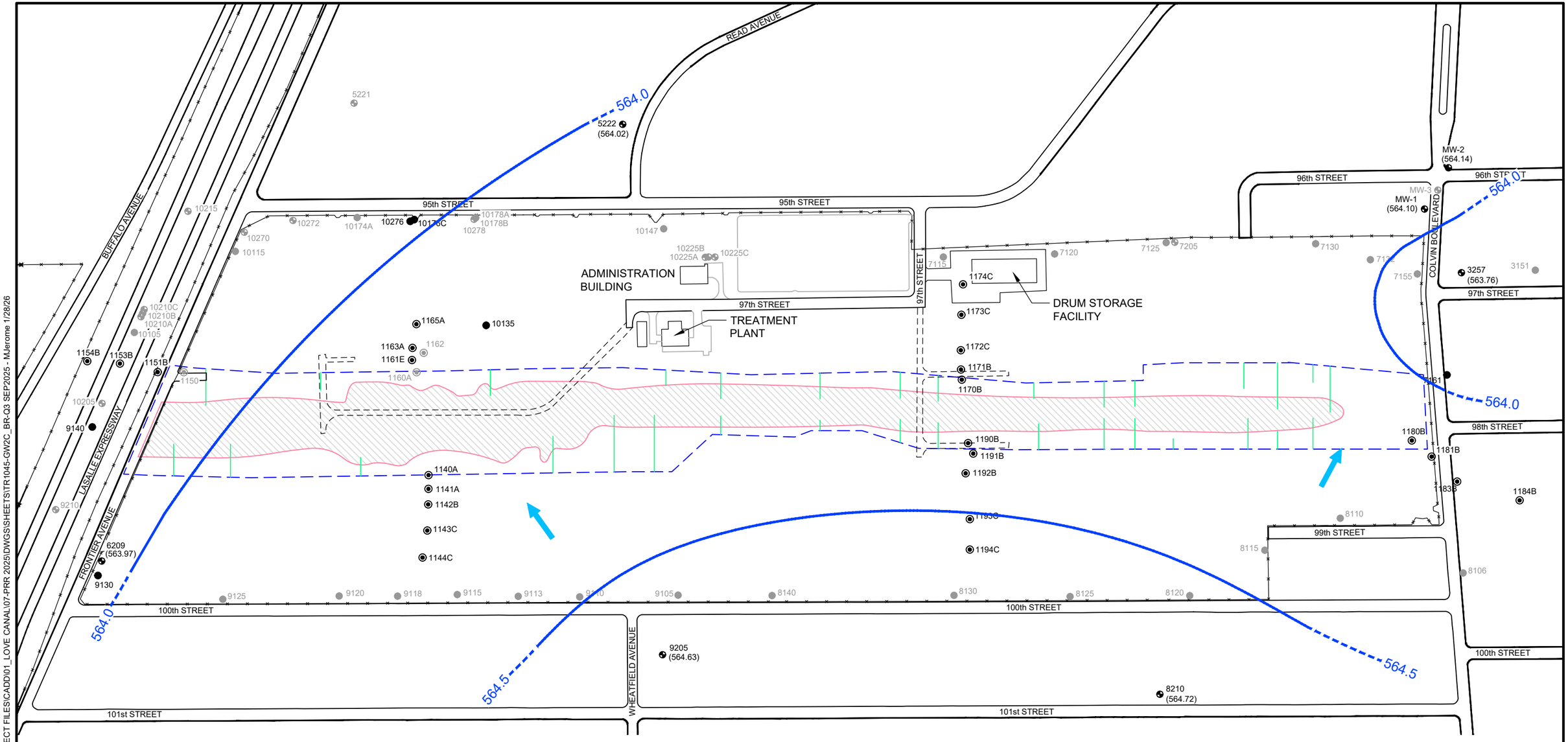
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PROJECT NO: TR1045 | JANUARY 2026

FIGURE 3.10b

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-GW2B_BR-Q2 JUN2025 - MJerome 1/28/26



C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-GW2C_BR-Q3 SEP2025 - MJerome 1/28/26

LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (563.97) GROUNDWATER ELEVATION
- 564.5 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025

0 250'
SCALE IN FEET

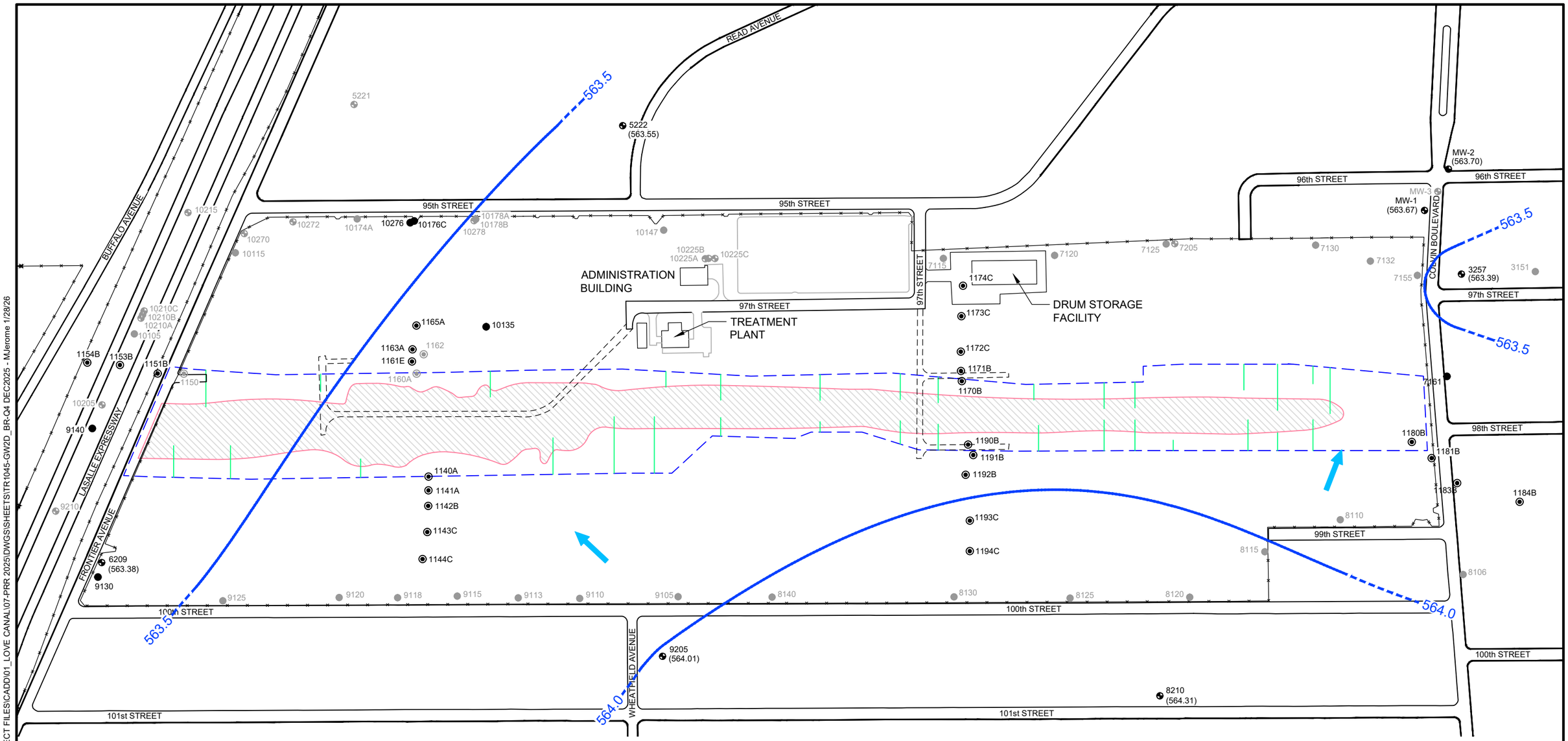
BEDROCK GROUNDWATER CONTOURS SEPTEMBER 4, 2025

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FIGURE 3.10c

PROJECT NO: TR1045 | JANUARY 2026



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (563.38) GROUNDWATER ELEVATION
- 564.0 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2025)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2025

0 250'
SCALE IN FEET

BEDROCK GROUNDWATER CONTOURS DECEMBER 3, 2025

GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

FIGURE 3.10d

PROJECT NO: TR1045 | JANUARY 2026

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-



LEGEND

FENCE LINE

RE-GRADED AREA

NOTE: RE-GRADED AREAS ARE APPROXIMATE.

0 250'

SCALE IN FEET

2025 CAP MAINTENANCE
RE-GRADED AREAS

GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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PROJECT NO: TR1045 | JANUARY 2026

FIGURE 4.1

IMAGERY SOURCE: GOOGLE EARTH ©2026, DATE OF PHOTOGRAPHY JULY 2025.

C:_GEO-ACC\ACCDOCS\GEOSYNTEC\GSH_WNY O&M\PROJECT FILES\CADD\01_LOVE CANAL\07-PRR 2025\DWGS\SHEETS\TR1045-012-CAPMAINTENANCE - MJerome 1/29/26

Appendix A

Institutional and Engineering Controls Certification Form

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway, 11th Floor, Albany, NY 12233-7020
P: (518)402-9543 | F: (518)402-9547
www.dec.ny.gov

11/12/2025

Joseph Branch Project Coordinator (joseph_branch@oxy.com)
OCC/Glenn Springs Holdings, Inc.
7601 Old Channel Trail
Montaque, MI 49437

RE: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Love Canal
Site No.: 932020
Site Address: 805 97th Street

Dear Mr. Branch:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of and compliance with, site specific SM requirements. Section 6.3(b) of DER-10 Technical Guidance for Site Investigation and Remediation (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **January 30, 2026**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Qualified Environmental Professional (QEP). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, are to be submitted in electronic format to the Department of Environmental Conservation. The Department will not approve the PRR unless all documents and data generated in support of that report have been submitted in accordance with the electronic submissions protocol. In addition, the certification forms are required to be submitted in both paper and electronic formats.

Information on the format of the data submissions can be found at:
http://www.dec.ny.gov/regulations/2586.html

The signed certification forms should be sent to Andrew Zwack, Project Manager, at the following address:

New York State Department of Environmental Conservation
700 Delaware Avenue, Buffalo, NY 14209

Phone number: 716-851-7284 E-mail: andrew.zwack@dec.ny.gov

The contact information above is also provided so that you may notify the project manager about upcoming inspections, or for any other questions or concerns that may arise in regard to the site.

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/enclosures
Andrew Zwack, Project Manager
Benjamin McPherson, Hazardous Waste Remediation Supervisor, Region 9
John Pentilchuk, GHD Group (john.pentilchuk@ghd.com)

Enclosure 1 Certification

Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional / Engineering Controls (Boxes 3, 4, and 5)

Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- Where the only control is an Institutional Control on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner.
- Where the site has Institutional and Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the 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. 932020

Site Name Love Canal

Site Address: 805 97th Street Zip Code: 14304
City/Town: Niagara Falls
County: Niagara
Site Acreage: 70.0

Reporting Period: January 1, 2025 to December 31, 2025

	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.

	YES	NO
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below?	☒	☐
7. Are all ICs/ECs 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

SITE NO. 932020

Description of Engineering and Institutional Controls **Boxes 3 and 4**

Parcel	Engineering Control	Institutional Control
232 Parcels	Cover System Fencing/Access Control Groundwater Containment Leachate Collection Pump & Treat	Building Use Restriction Ground Water Use Restriction Landuse Restriction Monitoring Plan O&M Plan

161.19-1-1
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161.14-3-11 161.18-1-18

Periodic Review Report (PRR) Certification Statements **Box 5**

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 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 complete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or 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. 932020

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 Joseph A Branch (print name) at 7601 Old Channel Trail (print business address), 49437

am certifying as Remedial Party (Owner or Remedial Party)

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

Signature of ~~Owner~~ or Remedial Party Rendering Certification

1-27-2026
Date

LC

IC/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 Ian Richardson (print name) at B&B Engineers & Geologists of New York, P.C. PO Box 351 Ransomeville, NY 14131 (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)

February 6, 2026
Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated the ability of each component of the remedy subject to O&M requirements to perform as

designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;

1. whether all requirements of each plan were met during the reporting period
2. any requirements not met
3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals

1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

Appendix B

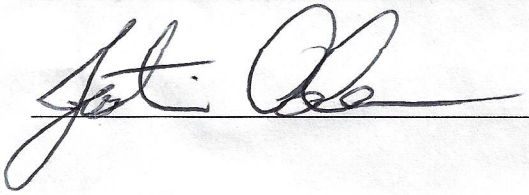
Semiannual Inspection Forms

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Love Canal Semi-Annual Barrier Drain Manhole Inspection

Date: MAY 13, 2025 Inspector(s): J. ADAMS/S. GARDNER

Sector	Manhole No.	Location	Water Y/N	Level (feet)	Debris Y/N	Structure OK	Cleaning Y/N	Comments
North Colvin	MH-10A	NW	N	NA	N	Y	N	
	MH-8A	NW	Y	0.07	N	Y	N	
	MH-6C	NW	Y	0.22	N	Y	N	
	MH-6B	NW	Y	1.12	N	Y	N	
	MH-6A	NW	Y	0.82	N	Y	N	
	PC-2A	NW	Y	3.13	N	Y	N	NAPL PRESENT
	MH-4A	NW	Y	0.03	N	Y	N	
	MH-2A	NW	Y	0.04	N	Y	N	
South Frontier	MH-2	SW	N	NA	N	Y	N	
	MH-4	SW	Y	0.01	N	Y	N	
	MH-6	SW	Y	0.07	N	Y	N	
	MH-8/PC2	SW	Y	4.69	N	Y	N	NAPL PRESENT
	MH-10	SW	Y	0.06	N	Y	N	NAPL PRESENT
	MH-12	SW	Y	0.07	N	Y	N	
	MH-12A	SW	N	NA	Y	Y	N	ASPHALT
North Colvin	NH-17A	NE	N	NA	N	Y	N	
	MH-15A	NE	Y	0.02	N	Y	N	
	MH-13A	NE	Y	0.01	N	Y	N	
	PC1A	NE	Y	2.71	N	Y	N	NAPL PRESENT
	MH-11A	NE	Y	0.01	N	Y	N	
	MH-9A	NE	Y	0.04	N	Y	N	NAPL PRESENT
	MH-7A	NE	Y	0.18	N	Y	N	
	MH-5A	NE	Y	0.03	Y	Y	N	ROPE
	MH-3A	NE	Y	0.07	N	Y	N	
	MH-1A	NE	Y	0.03	N	Y	N	
South Frontier	MH-1	SE	Y	0.01	N	Y	N	
	MH-3	SE	Y	0.05	N	Y	N	NAPL PRESENT
	MH-5	SE	N	NA	Y	Y	N	ROPE DEBRIS
	MH-7/PC1	SE	Y	1.96	N	Y	N	NAPL PRESENT
	MH-9	SE	Y	0.03	N	Y	N	
	MH-11	SE	Y	0.12	N	Y	N	
	MH-19A	SE	N	NA	Y	Y	N	ASPHALT

Signature: 

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Love Canal Semi-Annual Barrier Drain Manhole Inspection

Date: NOVEMBER 20, 2025 Inspector(s): J. ADAMS/S GARDNER

SYSTEM ONLINE

Sector	Manhole No.	Location	Water Y/N	Level (feet)	Debris Y/N	Structure OK	Cleaning Y/N	Comments
North Colvin	MH-10A	NW	N	NA	N	Y	N	
	MH-8A	NW	Y	1.45	N	Y	N	
	MH-6C	NW	Y	2.62	N	Y	N	
	MH-6B	NW	Y	3.44	N	Y	N	
	MH-6A	NW	Y	3.17	N	Y	N	
	PC-2A	NW	Y	3.02	N	Y	N	NAPL PRESENT
	MH-4A	NW	Y	0.02	N	Y	N	
	MH-2A	NW	Y	0.12	N	Y	N	
South Frontier	MH-2	SW	N	NA	N	Y	N	
	MH-4	SW	Y	0.01	Y	Y	N	GASKET OR TUBING AT BOTTOM
	MH-6	SW	Y	0.14	N	Y	N	
	MH-8/PC2	SW	Y	4.04	N	Y	N	NAPL PRESENT
	MH-10	SW	Y	0.25	N	Y	N	NAPL PRESENT
	MH-12	SW	Y	0.05	N	Y	N	
	MH-12A	SW	N	NA	Y	Y	N	ASPHALT
			N	NA	N	Y	N	
North Colvin	NH-17A	NE	~~Y~~	~~0.10~~	~~N~~	~~Y~~	~~N~~	~~NAPL PRESENT~~ (SW)
	MH-15A	NE	Y	0.02	N	Y	N	
	MH-13A	NE	Y	0.02	N	Y	N	
	PC1A	NE	Y	2.46	N	Y	N	NAPL PRESENT
	MH-11A	NE	Y	0.02	N	Y	N	
	MH-9A	NE	Y	0.14	N	Y	N	NAPL PRESENT
	MH-7A	NE	Y	0.03	N	Y	N	
	MH-5A	NE	Y	0.02	Y	Y	N	ROPE HANGING FROM LADDER
	MH-3A	NE	Y	0.17	N	Y	N	NAPL PRESENT
	MH-1A	NE	Y	0.01	N	Y	N	
South Frontier	MH-1	SE	Y	0.01	N	Y	N	
	MH-3	SE	Y	0.08	N	Y	N	NAPL PRESENT
	MH-5	SE	N	NA	Y	Y	N	ROPE DEBRIS
	MH-7/PC1	SE	Y	2.62	N	Y	N	NAPL PRESENT
	MH-9	SE	Y	0.12	N	Y	N	
	MH-11	SE	Y	0.10	N	Y	N	NAPL PRESENT
	MH-19A	SE	N	NA	Y	Y	N	ASPHALT

Signature: J. Adams

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Love Canal Semiannual Barrier System / Pump Chamber Inspections

Date: MAY 13, 2025 ***Weather:*** 67°F, MOSTLY CLOUDY

Inspector: J. ADAMS | S. GARDNER CHANCE OF RAIN, WINDS ESE 5-15 MPH

Check the following as Appropriate:

Visual Inspection of chamber piping
Verification of level probe performance
Inspection of pump chamber integrity
Inspection of pump chamber security

Wells	Satisfactory	Needs Maintenance
PC-1	YES	NONE
PC-2	YES	NONE
PC-3	YES	NONE
PC-1A	YES	SIGNS OF ANIMAL BURROW/HOLE
PC-2A	YES	SIGNS OF ANIMAL BURROW/HOLE
PC-3A	YES	NONE

Comments:

TO BE ADDRESSED OVER SUMMER WHEN CAP IS DRY.

Signature: [signature]

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Love Canal Semiannual Barrier System / Pump Chamber Inspections

Date: NOVEMBER 20, 2025

Weather: 47°F, MOSTLY SUNNY
WINDS SSE 0-5 MPH

Inspector: J. ADAMS / S. GARDNER

Check the following as Appropriate:

Visual Inspection of chamber piping
Verification of level probe performance
Inspection of pump chamber integrity
Inspection of pump chamber security

Wells	Satisfactory	Needs Maintenance
PC-1	YES	NONE
PC-2	YES	NONE
PC-3	YES	NONE
PC-1A	YES	NONE
PC-2A	YES	NONE
PC-3A	YES	NONE

Comments:

Signature: [signature]

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Semiannual Site Cover and Fence Inspection

Site: LOVE CANAL

Date: 6/5/2025

Inspector: JA/SG

Weather: 68°F HIGH 73°F, MOSTLY CLOUDY, WINDS NNE 5-10 MPH.

	Inspection Item	Applicable to Site	Inspect For	
1.	Landfill Cap	(Y) / N	- Signs of erosion (cap, ditches, swales)	Y / (N)
			- Exposure of the HDPE Liner	Y / (N)
			- Areas of insufficient grass coverage	Y / (N)
			- Signs of dead/dying grass	Y / (N)
			- Presence of washouts	Y / (N)
			- Settlement causing ponding of water	(Y) / N
			- Signs of slope instability	Y / (N)
			- Signs of burrowing by animals	(Y) / N
			- Presence of rooting trees (cap, ditches, swales)	Y / (N)
			- Signs of poor drainage in ditches/swales	Y / (N)
2.	Site Cover	Y / (N)	- Signs of erosion (cap, ditches, swales)	Y / N
			- Areas of insufficient asphalt, grass, vegetation cover	Y / N
			- Signs of dead/ dying grass/ vegetation	Y / N
			- Presence of Washouts	Y / N
			- Settlement causing ponding of water	Y / N
			- Signs of slope instability	Y / N
			- Signs of burrowing by animals	Y / N
			- Presence of rooting trees (cap, ditches, swales)	Y / N
			- Signs of poor drainage in ditches/swales	Y / N
3.	Perimeter Fence	(Y) / N	- Breaches in the fence	Y / (N)
			- Gates secure	(Y) / N
			- Locks in place	(Y) / N
			- Missing or illegible signage	Y / (N)

Comments/ Remarks (Note: If repair/maintenance is recommended, describe its location/extent below)

- SETTLEMENT ON NORTH END OF SITE PONDING WATER, SOUTH SETTLEMENTS NO PONDING WATER.

Notes:
HDPE – High Density Polyethylene

Signature: Jesse Alba

Glenn Springs Holdings, Inc.

A subsidiary of Occidental Petroleum

Semiannual Site Cover and Fence Inspection

Site: LOVE CANAL

Date: 11/20/2025

Inspector: J. ADAMS/S. GARDNER

Weather: 47°F, MOSTLY SUNNY
WINDS SSE 0-5 MPH

	Inspection Item	Applicable to Site	Inspect For	
1.	Landfill Cap	(Y) / N	- Signs of erosion (cap, ditches, swales)	Y / (N)
			- Exposure of the HDPE Liner	Y / (N)
			- Areas of insufficient grass coverage	Y / (N)
			- Signs of dead/dying grass	Y / (N)
			- Presence of washouts	Y / (N)
			- Settlement causing ponding of water	Y / (N)
			- Signs of slope instability	Y / (N)
			- Signs of burrowing by animals	Y / (N)
			- Presence of rooting trees (cap, ditches, swales)	Y / (N)
			- Signs of poor drainage in ditches/swales	Y / (N)
2.	Site Cover	Y / (N)	- Signs of erosion (cap, ditches, swales)	Y / N
			- Areas of insufficient asphalt, grass, vegetation cover	Y / N
			- Signs of dead/ dying grass/ vegetation	Y / N
			- Presence of Washouts	Y / N
			- Settlement causing ponding of water	Y / N
			- Signs of slope instability	Y / N
			- Signs of burrowing by animals	Y / N
			- Presence of rooting trees (cap, ditches, swales)	Y / N
			- Signs of poor drainage in ditches/swales	Y / N
3.	Perimeter Fence	(Y) / N	- Breaches in the fence	Y / (N)
			- Gates secure	(Y) / N
			- Locks in place	(Y) / N
			- Missing or illegible signage	Y / (N)

Comments/ Remarks (Note: If repair/maintenance is recommended, describe its location/extent below)

- SETTLEMENTS ON NORTH END FILLED

Notes:
HDPE – High Density Polyethylene

Signature: [signature]

Appendix C

Niagara Falls Water Board Wastewater Discharge Permit #44

Old Permit (January 2020 through January 2025)
New Permit (January 2025 through January 2030)

NIAGARA FALLS WATER BOARD

SIGNIFICANT INDUSTRIAL USER WASTEWATER DISCHARGE

Permit No. 44

In accordance the provisions of the Niagara Falls Water Board Wastewater Regulations, 21 NYCRR Part 1960, permission is hereby granted to:

GLENN SPRINGS HOLDINGS, INC. – LOVE CANAL LEACHATE TREATMENT FACILITY

Located at: **805 97th Street Niagara Falls, NY 14304**

Classified by SIC Number: **4952**

For the discharge of wastewater into the Niagara Falls Water Board Publicly Owned Treatment Works (POTW) in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that might become effective during the term of this permit. Noncompliance with any term or condition of this permit will constitute a violation of 21 NYCRR Part 1960.

This permit will become effective January 10th, 2020 and will expire at midnight on January 9th, 2025. If permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit a minimum of 90 calendar days before the expiration date.

This permit originally was issued the 10th day of December 2020 and has been modified this 27th day of July, 2023. This page was modified on July 27th, 2023.

By: /s/ Dr. Abderrahman Zehraoui*
Dr. Abderrahman Zehraoui
Executive Director, Niagara Falls Water Board
**Duplicate copy – file copy contains original "wet ink" signature.*

This discharge permit modified July 27th, 2023

DISCHARGE IDENTIFICATION

OUTFALL	DESCRIPTION	LOCATION	RECEIVING
#1*	97th Street Discharge	East of 97th Street and Read Avenue.	Carbon treated leachate from the Love Canal Leachate Treatment Facility and the 102nd Street landfill

*See photo below

Monitoring Station #1



A. Discharges to the Niagara Falls Water Board (NFWB) Sewer

WASTEWATER DISCHARGE PERMIT REQUIREMENTS FOR:		ACTION REQUIRED	REQUIRED DATE OF SUBMISSION
1.	Identification of all discharges to the NFWB Sewer System on a current plant sewer map certified by a New York State licensed professional engineer.	None	Submitted 12/06/2019
2.	Identification of each contributing waste stream to each discharge to the NFWB Sewer System clearly marked on, or referenced to, a current plant sewer map certified by a New York State licensed professional engineer.	None	Submitted 12/06/2019
3.	Elimination of all uncontaminated discharges to the NFWB Sewer System. All uncontaminated flows should be clearly identified on a current sewer map certified by a New York State licensed professional engineer.	N/A	
4.	Establishment of a control manhole that is continuously and immediately accessible for each discharge to the NFWB Sewer System.	None	Previously Established

B. Wastewater Discharge Management Practices

1.	Identification of a responsible person(s) (day to day and in emergencies).	Updated as needed by NFWB personnel

This page modified June 15th, 2023

C. General Wastewater Discharge Permit Conditions

1. Flow monitoring should be performed concurrently with any Wastewater Discharge Permit sampling and should be reported at the same time as analytical results. If it is not feasible to perform flow monitoring, an estimate of flow (method of estimated flow preapproved by the Niagara Falls Water Board) should be submitted with the analytical results.

2. All sampling for billing and pretreatment compliance purposes will be coordinated through the Niagara Falls Water Board Industrial Monitoring Coordinator. All samples must be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136, and amendments or as otherwise approved by the EPA Administrator. Chain of Custody records will be submitted with all sampling results.

3. All analysis must be performed by a State certified laboratory using analytical methods promulgated and consistent with 40 CFR Part 136 and amendments thereto or as otherwise approved by the EPA Administrator. The permittee will request their contract laboratory to report both Practical Quantitation Limit (PQL) and Method Detection Limit (MDL). The PQL and MDL are defined in the NYSDEC Technical Guidance Series 1.3.7.

   The permittee should report results that are less than the MDL or PQL on the NFWB Self-Monitoring Report, as non-detect (ND), by placing a less than sign (<) followed by the analytical result. Every effort should be made to attain results down to the MDL. If this is not possible, then results less than PQL but greater than MDL must also be additionally flagged with the qualifier "J" on the Self-Monitoring Report. For example, a result less than 5 PQL would be reported <5 (J). In either case the calculated load in lbs. per day would be zero.

   Monitoring results which are lower than the PQL must be reported but will not be used to determine compliance with the permit limit.

4. For samples required to be collected via a 24-hour composite sampler, permittee is required to retain a minimum of three samples on rotation at all times. The first sample shall be the current sample undergoing compositing. The second sample is the completed composite sample which represents the discharge from the preceding 24 hours. The third sample is a completed composite sample from the next preceding 24 hours. These samples shall not be split or otherwise altered without prior authorization from the Director.

5. A log shall be maintained in each Monitoring Station and shall contain the date, time, and flow integrator number at the time each daily sample is removed, the gallons conversion factor, and daily flow in million gallons per day. Comments detailing unusual events, equipment malfunctions, etc., shall also be recorded.

6. An estimate of relative production levels for wastewater contributing processes at the time of any pretreatment compliance sampling will be submitted upon request of the Director of the Niagara Falls Water Board. (C. continued)

This page modified July 27th, 2023

C. **General Wastewater Discharge Permit Conditions** (continued)

7. Permittee must not ever increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable Pretreatment Standard or Requirement. The Executive Director may impose mass limitations on permittees who are using dilution to meet applicable Pretreatment Standards or Requirements, or in other cases when the imposition of mass limitations is appropriate.

8. In accordance with 40 CFR 403.12(g)(2), if sampling performed by permittee indicates a violation of this permit, the permittee shall notify the NFWB within 24 hours of becoming aware of the violation. If a limit listed in Section E of this permit is exceeded, permittee will undertake a short-term monitoring for that pollutant and repeat the sampling and analysis for the limitation violated in a manner identical to the procedure used for routine monitoring purposes on least two (2) operating days and shall submit the analytical results for the repeat sampling to the NFWB within 30 days after becoming aware of the violation. Results will be reported in both concentration and mass.

9. Sampling frequency for any permitted compounds may be increased beyond the requirements set forth in Section E and F of this permit. If the permittee monitors any pollutant more frequently than required by this permit, using test procedures prescribed in 40 CFR Part 136 or amendments thereto, or otherwise approved by EPA, or as specified in this permit, the results of such monitoring must be included in any calculations of actual daily maximum or monthly average pollutant discharge, and results must be reported in the monthly report submitted to the NFWB. Such an increased monitoring frequency must also be indicated in the monthly report.

10. The Annual Average Limitation is equivalent to the specific SIU allocation and will be defined as the permissible long term average discharge of a particular pollutant. These limitations are listed in Section E of this permit. The computation of the Annual Average will be as follows; for each compound listed in Section F of this permit, the Annual Average will be the average of the present monitoring quarter and three previous quarters' data.

11. The Daily Maximum Limitation will be defined as the maximum allowable discharge on anyone day. The Daily Maximum Limitation will allow for periodic short term discharge fluctuations. These specific limitations are listed in Section E of this permit.

12. Enforcement of the Annual Average Limitation will be based on the reported average of the last four quarters data vs. the Annual Average Limit listed in Section E of this permit. Enforcement of the Daily Maximum Limitation will be based on individual analysis results vs. the Daily Maximum Limit listed in Section E of this permit. These results may be obtained from self-monitoring (Section F), the Niagara Falls Water Board Verification, incident investigation or billing samples. (C. continued)

This page modified July 27th, 2023

C. **General Wastewater Discharge Permit Conditions** (continued)

13. The Niagara Falls Water Board Administrative Procedure Number 6 "Procedure for Determination and Use of Local Limits" lists all pollutants noted in the Niagara Falls Water Board – Wastewater Facilities SPDES Permit. The limits defined in the procedure are values which are based on the quantity of substances discharged which can be easily related to the Treatment Plant's removal capacity. Permittee may obtain a list of Local Limits from the NFWB Industrial Monitoring Coordinator and must comply with the Local Limits even if not required to monitor for all of the pollutants with local limits.

    The pollutants listed in Administrative Procedure Number 6 which have Local Limits but which are not specifically listed in Section E and F of this permit may be present in the permittee's wastewater discharge, but at levels which do not require specific permit limitations. Consequently, if any of the Local Limits for pollutants not identified in Section E and F of this permit are exceeded, permittee must undertake a short-term, high intensity monitoring program for that pollutant as follows: Samples identical to those required for routine monitoring purposes will be collected on each of at least three operating days and analyzed. Results will be expressed in terms of both concentration and mass, and will be submitted no later than the end of the third month following the month when the limit was first exceeded.

    If levels higher than the Local Limit are confirmed, the permit may be modified by the NFWB to add new or revised permit limits.

14. The permittee must notify the NFWB immediately upon the occurrence of spills, including accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, slug loads or slug discharges that might cause potential problems for the POTW or spills that might enter the public sewer. During normal business hours the NFWB should be notified by telephoning the Industrial Monitoring Coordinator, and failing to make direct contact with the Industrial Monitoring Coordinator, by telephoning the wastewater treatment plant Chief Operator. Contact information may be obtained from the Industrial Monitoring Coordinator. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

    Within 5 days following an accidental discharge, the permittee shall submit to the NFWB a detailed written report. The report must specify the following:
    a. Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.
    b. Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur. (C 14. continued…)

This page modified July 27th, 2023

C. General Wastewater Discharge Permit Conditions (14 C. continued)

c. All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

40 CFR 403.8(f)(2)(vi) requires the SIU to notify the Niagara Falls Water Board immediately of any changes at its facility affecting its potential for a slug discharge.

15. 40 CFR 403.17(c) contains the notification requirements for anticipated and unanticipated bypass. In the event of an anticipated bypass, the federal regulations at 403.17 (c)(1) require an industrial user to notify the NFWB at least ten days prior to the date of the bypass. In the event of an unanticipated bypass, the federal regulations at 40 CFR 403.17(c)(2) require an industrial user to notify the NFWB within 24 hours from the time the industrial user becomes aware of the bypass and submit a written description of the bypass within five days of the time the industrial user becomes aware of the bypass. As defined at 403.17 (a)(1), a bypass is "the intentional diversion of wastestreams from any portion of an Industrials User's treatment facility."

16. All reports submitted in connection with this Permit, including all compliance and monitoring reports, shall be signed by an authorized representative of industrial user pursuant to 40 CFR Part 403.12(l) and per NFWB Wastewater Regulation 1960.7(b)(2) shall contain a certification statement which shall read:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

17. As set forth in NFWB Wastewater Regulation 1960.9(b)(4), any person who knowingly makes any false statements, representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to the Wastewater Regulations, or SIU Permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under the Wastewater Regulations, shall be assessed a penalty in an amount not to exceed $10,000 per violation per day.

18. Per NFWB Wastewater Regulation 1960.9(b)(2), any person determined to have violated any of the provisions of the NFWB Wastewater Regulations shall be assessed a penalty in an amount not to exceed $10,000 per individual violation per day. (C. continued)

This page modified July 27th, 2023

C. **General Wastewater Discharge Permit Conditions** (continued)

19. The person violating any of the provisions of the Niagara Falls Water Board Wastewater Regulations also will be liable for any expense, loss, or damage occasioned by reason of such violation. The expense, loss, or damage may include but is not limited to additional pollutant treatment costs, damages to the POTW, personnel expenses for investigation, legal fees, and any other expense, loss, or damage occasioned by the violation. The expense, loss or damage will be taken to be to the extent determined by the Executive Director.

20. All conditions, standards and numeric limitations of Niagara Falls Water Board Wastewater Regulations are hereby incorporated into this permit by reference. These conditions, standards and numeric limitations must be complied with.

21. The permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action, or enforcement proceedings including civil or criminal penalties, injunctive relief, and summary suspension of discharge access.

22. The permittee must take all reasonable steps to contain or correct any adverse impact to the POTW or the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

23. Per NFWB Wastewater Regulations Section 1960.5(h)(1), personnel as designated by the Director shall be permitted at any time to enter upon all properties served by the Water Board POTW for the purpose of, and to carry out, inspection of premises, observation, measurement, sampling and testing, to determine compliance or non-compliance with applicable pretreatment standards and requirements. Personnel shall also be permitted to inspect and copy any and all documentation pertaining to discharge monitoring and analysis.

24. Permittee must furnish to the NFWB any information that the NFWB may request to determine whether cause exists for modifying, revoking, or terminating this permit or to determine compliance with this permit. The permittee must also, upon request, furnish to the NFWB copies of any records required to be kept pursuant to this permit. (C. continued)

This page modified July 27th, 2023

C. **General Wastewater Discharge Permit Conditions** (continued)

25. The permittee must retain records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application.

    This record retention period automatically is extended during enforcement or litigation activities involving the NFWB or permittee's discharge of pollutants, with the retention period extended until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired. The records retention period also is extended when requested by the NFWB, EPA Director, or EPA Regional Administrator.

26. As noted in Section 1960.6(g) of the NFWB Wastewater Regulations, " Permits are issued to a specific user. A permit shall not be reassigned or transferred without the approval of the Director. Any succeeding owner or user to which a permit has been transferred shall also comply with all terms and conditions of the existing permit." Per 40 CFR 403.8(f)(1)(iii)(B)(*2*), a copy of this permit must be provided to the new owner or operator of the facility that is the subject of this permit.

27. The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of federal, state, or local laws or regulations.

28. Per NFWB Wastewater Regulations Section 1960.6(e)(3), SIUs must obtain prior approval from the Director to discharge new or significantly increased wasteloads. The approval may require modification to the SIU Permit. In addition, permittee must notify the NFWB prior to making significant changes to pretreatment or monitoring facilities.

29. Pursuant to 21 NYCRR 1960.6(f), the terms and conditions of this permit may be subject to modification by the NFWB, during the term of the permit, as limitations or requirements are modified or other just cause exists.

This page modified July 27th, 2023

D. Specific Wastewater Discharge Permit Conditions

1. Billing:

a) Flow quantities will be derived from the Wastewater Treatment Facility flow meter. The results of the daily flow readings will be compiled and submitted to the Niagara Falls Water Board in a Monthly Flow Report by the 15th day of the following month.

b) Charges for TSS, SOC and Substances of Concern shall be developed based on Quarterly Self-Monitoring data.

2. Love Canal Leachate Treatment Facility (LCLTF)

The Niagara Falls Water Board agrees to accept wastewater processed from the Glenn Springs Holdings (GSH) LCLTF. These waters in addition to Love Canal wastewater shall include wastewater from the 102nd Street remedial site. This approval is subject to the following conditions:

a) The LCLTF shall be properly operated and maintained at all times.

b) To ensure proper operation GSH shall ensure sufficient feed, inter-stage (breakthrough), and effluent analysis to ensure timely carbon changes. Treatment levels of 10 ug/ℓ shall be achieved and verified with quarterly composite sample analysis for the following compounds: trichloroethylene, tetrachloroethylene, monochlorotoluene, monochlorobenzenes, trichlorobenzenes, tetrachlorobenzenes, hexachlorocyclohexanes- alpha, beta, gamma and delta and hexachlorobenzene.

c) The issuance of this approval if based on GSH's previous assertions that there is no reason to anticipate the presence of tetrachlorodibenzo-p-dioxins in the discharge from the treatment facility. The Niagara Falls Water Board hereby reserves the right to collect samples from the treatment facility effluent and analyze such wastewaters for their chemical constituents, including tetrachlorodibenzo-p-dioxins. If such analysis indicates the presence of tetrachlorodibenzo-p-dioxins, this approval may be withdrawn. If at any time, the Niagara Falls Water Board determines on any basis that the discharge of these wastewater to the POTW is interfering with the operation of that facility, the Niagara Falls Water Board will direct GSH to discontinue the discharge.

d) These pretreated wastewaters shall be discharged to the POTW via Outfall MS # 1.

(D2. continued)

This page modified July 27th, 2023

D. Specific Wastewater Discharge Permit Conditions (continued)

2. Love Canal Leachate Treatment Facility (LCLTF) (continued)

e) Periodically wet weather flow in the area around LCLTF results in surcharged sewers. The resultant surcharge requires overflow at combined sewer and storm sewer overflow points. Other points in the sewer shed require manual bypass pumping. Consequently, to minimize this overflow, the Niagara Falls Water Board will require the permittee to cease discharge from the LCLTF during these surcharge events.

A notification procedure has been established by the Niagara Falls Water Board to formalize the communication between the Niagara Falls Water Board and the permittee to halt and resume the LCLTF discharge. This procedure by reference is hereby incorporated as a condition of this permit.

3. Slug Discharge Control Plan:

Pursuant to the Federal Pretreatment Program Requirements, 40 CFR 403.8(f)(2)(vi), the NFWB periodically evaluates whether each such Significant Industrial User needs a plan or other action to control Slug Discharge
s. If the NFWB determines the permittee must develop and implement a Slug Discharge Control Plan, it must adhere to all requirements set forth in 40 CFR 403.8(f)(2)(vi). The Slug Discharge Control Plan must be implemented and all sections pertaining to sewer discharges to the NFWB are enforceable under this permit. All future revisions to the Slug Discharge Control Plan are also enforceable. Revised plans must be submitted to the Niagara Falls Water Board.

This permittee has been reviewed **and is NOT required to develop and implement such a plan**.

E. Discharge Limitations & Monitoring Requirements

During the Period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfall(s) will be limited and monitored by the permittee as specified below.

OUTFALL NUMBER/ EFFLUENT PARAMETER	DISCHARGE LIMITATIONS		UNITS	MINIMUM MONITORING REQUIREMENTS	
	ANNUAL AVERAGE	DAILY MAXIMUM		MEASUREMENT FREQUENCY	SAMPLE TYPE
MS #1 Flow	0.3	0.3	MGD	Continuous	4
MS #1 Total Suspended Solids	25	50	lbs./d	1/Quarter	1
MS #1 Soluble Organic Carbon	50	75	lbs./d	1/Quarter	1
MS#1 Volatile Priority Pollutants (See Attached list (Section F-1)	MONITOR ONLY		lbs./d	1/Quarter	1
MS #1 Acid Extractable Priority Pollutants (See attached list Section F-2)	MONITOR ONLY		lbs./d	1/Quarter	1
MS #1 Base/Neutral Priority Pollutants (See attached list Section F-3)	MONITOR ONLY		lbs./d	1/Quarter	1
MS #1 Pesticides Hexachlorocyclohexanes- alpha, beta, gamma and delta (See attached list Section F-4)	MONITOR ONLY		lbs./d	1/Quarter	1
MS #1 Total Phenols	MONITOR ONLY		lbs./d	1/Quarter	1

SAMPLE TYPE FOOTNOTES

(1) Each sample will consist of four (4) grabs collected spaced throughout the **batch** discharge, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. The four (4) grabs will be **composited in the laboratory** and analyzed as one sample.

(2) Each sample will consist of four (4) grabs collected spaced over the 24-hour period, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. The four (4) grabs will be **composited in the laboratory** and analyzed as one sample.

(3) Each sample will consist of a 24-hour, **flow proportioned** composite sample collected from the monitoring point.

(4) Flow will be monitored continuously with the use of a water meter or another acceptable flow metering device.

(5) Each sample will consist of a 24-hour, **time proportioned** composite sample collected from the monitoring point.

(6) Reserved

(7) Same as (3), however, five (5) samples will be collected per quarter from the monitoring point and analyzed by and at the Niagara Falls Water Board's expense.

(8) Four (4) grab samples will be collected spaced over the 24-hour period, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. Each grab will be **analyzed and reported separately**.

(9) A grab sample is defined as an aliquot collected over a period of not more than 15 minutes.

F. Discharge Monitoring Reporting Requirements

During the period beginning the effective date of this permit and lasting until its expiration date, discharge monitoring results will be summarized and reported by the permittee according to the table below. The reporting dates are defined as: **Monthly** – no later than 14 days after the monitoring period, **Quarterly** - by the last day of the monitoring period = February 28(29), May 31, August 31, November 30**. Semiannual** reports will be submitted on the last day of the monitoring period = February 28(29), August 31. The annual average for each parameter listed in Section F, will be computed and reported quarterly. The individual sample analysis for the present quarter will also be reported quarterly unless directed otherwise in this permit.

OUTFALL NO	PARAMETER	REPORTING FREQUENCY
MS #1	Flow	Monthly
MS #1	Total Suspended Solids	Quarterly
MS #1	Soluble Organic Carbon	Quarterly
MS #1	Volatile - Priority Pollutants (F-1) *	Quarterly
MS #1	Acid Extractables - Priority Pollutants (F-2) *	Quarterly
MS #1	Base/Neutral - Priority Pollutants (F-3) *	Quarterly
MS #1	Pesticides (F-4) *	Quarterly
MS #1	Total Phenols	Quarterly

* See specific compounds listed on the following page. (F. continued)

F. **Discharge Monitoring Reporting Requirements** (continued)

Discharge Monitoring Compounds

F1- Volatile Priority Pollutants		
Benzene	Bromoform	Trichloroethylene
Carbon Tetrachloride	Dichloropropylenes	Methylene Chloride
Chlorodibromethane	Ethylbenzene	Vinyl Chloride
Monochlorobenzene	Tetrachloroethanes	Monochlorotoluenes
Dichlorobromethane	Tetrachloroethylene	Monochlorobenzotrifluoride
Chloroform	Toluene	
Dichloroethylenes	Trichloroethanes	

F2- Acid Extractables Priority Pollutants		
Monochlorophenol	Monochlorocresol	Pentachlorophenol
Dichlorophenol	Trichlorophenol	

F3- Base/Neutrals Extractables Priority Pollutants		
Dimethyl Phthalate	Dichlorotoluene	Trichlorobenzene
Butyl Benz Phthalate	Acenaphthlene	Trichlorotoluene
Di-N-Butyl Phthalate	Fluoranthene	Hexachlorobutadiene
Di-N-Octyl Phthalate	Chrysene	Tetrachlorobenzene
Diethyl Phthalate	Napthalene	Hexachlorocyclopentadiene
Nitrosodiphenylamine	Benzo (a) Anthracene	Hexachlorobenzene
Dichlorobenzenes	Pyrene	Dichlorobenzotrifluoride

F4- Pesticides
Hexachlorocyclohexanes- alpha, beta, delta, and gamma

G. Comments/Revisions

July 27, 2023:

All NFWB discharge permits are being amended in a manner consistent with Nos. (1)-(4) below:

(1) Cover (Page 1) – format updated, including greater detail on permittee's obligations and addition of information on deadline for submission of application for renewal permit.
(2) Discharge Identification – description of designated sampling location enhanced.
(3) Section C, General Wastewater Discharge Permit Conditions – certain citations updated or added, condition numbers and order of conditions revised to group similar requirements, some numbered paragraphs were combined and some were separated and wording in certain conditions to enhance clarity or add detail, incorporated certain existing regulatory requirements directly into conditions to enhance permit usefulness and aid compliance.
(4) Section D, Slug Discharge Control Plan – minor revisions and clarifications.

NIAGARA FALLS WATER BOARD

SIGNIFICANT INDUSTRIAL USER WASTEWATER DISCHARGE

Permit No. 44

In accordance the provisions of the Niagara Falls Water Board Wastewater Regulations, 21 NYCRR Part 1960, permission is hereby granted to:

GLENN SPRINGS HOLDINGS, INC. – LOVE CANAL LEACHATE TREATMENT FACILITY

Located at: **805 97th Street Niagara Falls, NY 14304**

Classified by SIC Number: **4952**

For the discharge of wastewater into the Niagara Falls Water Board Publicly Owned Treatment Works (POTW) in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that might become effective during the term of this permit. Noncompliance with any term or condition of this permit will constitute a violation of 21 NYCRR Part 1960.

This permit will become effective January 10th, 2020 and will expire at midnight on January 9th, 2025. **This permit has been renewed as of January 9th, 2025, and will now expire at midnight on January 8th, 2030.** If permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit a minimum of 90 calendar days before the expiration date.

This permit was originally issued the 10th day of December 2020 and has been modified this 27th day of July, 2023.

By: /s/ Dr. Sean Costello*
Dr. Sean Costello
Executive Director, Niagara Falls Water Board
**Duplicate copy – file copy contains original "wet ink" signature.*

This discharge permit modified July 27th, 2023

DISCHARGE IDENTIFICATION

OUTFALL	DESCRIPTION	LOCATION	RECEIVING
#1*	97th Street Discharge	East of 97th Street and Read Avenue.	Carbon treated leachate from the Love Canal Leachate Treatment Facility and the 102nd Street landfill

*See photo below

Monitoring Station #1



A. Discharges to the Niagara Falls Water Board (NFWB) Sewer

WASTEWATER DISCHARGE PERMIT REQUIREMENTS FOR:		ACTION REQUIRED	REQUIRED DATE OF SUBMISSION
1.	Identification of all discharges to the NFWB Sewer System on a current plant sewer map certified by a New York State licensed professional engineer.	None	Submitted 12/06/2019
2.	Identification of each contributing waste stream to each discharge to the NFWB Sewer System clearly marked on, or referenced to, a current plant sewer map certified by a New York State licensed professional engineer.	None	Submitted 12/06/2019
3.	Elimination of all uncontaminated discharges to the NFWB Sewer System. All uncontaminated flows should be clearly identified on a current sewer map certified by a New York State licensed professional engineer.	N/A	
4.	Establishment of a control manhole that is continuously and immediately accessible for each discharge to the NFWB Sewer System.	None	Previously Established

B. Wastewater Discharge Management Practices

1.	Identification of a responsible person(s) (day to day and in emergencies).	Updated as needed by NFWB personnel

This page modified June 15th, 2023

C. General Wastewater Discharge Permit Conditions

1. Flow monitoring should be performed concurrently with any Wastewater Discharge Permit sampling and should be reported at the same time as analytical results. If it is not feasible to perform flow monitoring, an estimate of flow (method of estimated flow preapproved by the Niagara Falls Water Board) should be submitted with the analytical results.

2. All sampling for billing and pretreatment compliance purposes will be coordinated through the Niagara Falls Water Board Industrial Monitoring Coordinator. All samples must be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136, and amendments or as otherwise approved by the EPA Administrator. Chain of Custody records will be submitted with all sampling results.

3. All analysis must be performed by a State certified laboratory using analytical methods promulgated and consistent with 40 CFR Part 136 and amendments thereto or as otherwise approved by the EPA Administrator. The permittee will request their contract laboratory to report both Practical Quantitation Limit (PQL) and Method Detection Limit (MDL). The PQL and MDL are defined in the NYSDEC Technical Guidance Series 1.3.7.

   The permittee should report results that are less than the MDL or PQL on the NFWB Self-Monitoring Report, as non-detect (ND), by placing a less than sign (<) followed by the analytical result. Every effort should be made to attain results down to the MDL. If this is not possible, then results less than PQL but greater than MDL must also be additionally flagged with the qualifier "J" on the Self-Monitoring Report. For example, a result less than 5 PQL would be reported <5 (J). In either case the calculated load in lbs. per day would be zero.

   Monitoring results which are lower than the PQL must be reported but will not be used to determine compliance with the permit limit.

4. For samples required to be collected via a 24-hour composite sampler, permittee is required to retain a minimum of three samples on rotation at all times. The first sample shall be the current sample undergoing compositing. The second sample is the completed composite sample which represents the discharge from the preceding 24 hours. The third sample is a completed composite sample from the next preceding 24 hours. These samples shall not be split or otherwise altered without prior authorization from the Director.

5. A log shall be maintained in each Monitoring Station and shall contain the date, time, and flow integrator number at the time each daily sample is removed, the gallons conversion factor, and daily flow in million gallons per day. Comments detailing unusual events, equipment malfunctions, etc., shall also be recorded.

6. An estimate of relative production levels for wastewater contributing processes at the time of any pretreatment compliance sampling will be submitted upon request of the Director of the Niagara Falls Water Board. (C. continued)

This page modified July 27th, 2023

C. **General Wastewater Discharge Permit Conditions** (continued)

7. Permittee must not ever increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable Pretreatment Standard or Requirement. The Executive Director may impose mass limitations on permittees who are using dilution to meet applicable Pretreatment Standards or Requirements, or in other cases when the imposition of mass limitations is appropriate.

8. In accordance with 40 CFR 403.12(g)(2), if sampling performed by permittee indicates a violation of this permit, the permittee shall notify the NFWB within 24 hours of becoming aware of the violation. If a limit listed in Section E of this permit is exceeded, permittee will undertake a short-term monitoring for that pollutant and repeat the sampling and analysis for the limitation violated in a manner identical to the procedure used for routine monitoring purposes on least two (2) operating days and shall submit the analytical results for the repeat sampling to the NFWB within 30 days after becoming aware of the violation. Results will be reported in both concentration and mass.

9. Sampling frequency for any permitted compounds may be increased beyond the requirements set forth in Section E and F of this permit. If the permittee monitors any pollutant more frequently than required by this permit, using test procedures prescribed in 40 CFR Part 136 or amendments thereto, or otherwise approved by EPA, or as specified in this permit, the results of such monitoring must be included in any calculations of actual daily maximum or monthly average pollutant discharge, and results must be reported in the monthly report submitted to the NFWB. Such an increased monitoring frequency must also be indicated in the monthly report.

10. The Annual Average Limitation is equivalent to the specific SIU allocation and will be defined as the permissible long term average discharge of a particular pollutant. These limitations are listed in Section E of this permit. The computation of the Annual Average will be as follows; for each compound listed in Section F of this permit, the Annual Average will be the average of the present monitoring quarter and three previous quarters' data.

11. The Daily Maximum Limitation will be defined as the maximum allowable discharge on anyone day. The Daily Maximum Limitation will allow for periodic short term discharge fluctuations. These specific limitations are listed in Section E of this permit.

12. Enforcement of the Annual Average Limitation will be based on the reported average of the last four quarters data vs. the Annual Average Limit listed in Section E of this permit. Enforcement of the Daily Maximum Limitation will be based on individual analysis results vs. the Daily Maximum Limit listed in Section E of this permit. These results may be obtained from self-monitoring (Section F), the Niagara Falls Water Board Verification, incident investigation or billing samples. (C. continued)

This page modified July 27th, 2023

C. **General Wastewater Discharge Permit Conditions** (continued)

13. The Niagara Falls Water Board Administrative Procedure Number 6 "Procedure for Determination and Use of Local Limits" lists all pollutants noted in the Niagara Falls Water Board – Wastewater Facilities SPDES Permit. The limits defined in the procedure are values which are based on the quantity of substances discharged which can be easily related to the Treatment Plant's removal capacity. Permittee may obtain a list of Local Limits from the NFWB Industrial Monitoring Coordinator and must comply with the Local Limits even if not required to monitor for all of the pollutants with local limits.

    The pollutants listed in Administrative Procedure Number 6 which have Local Limits but which are not specifically listed in Section E and F of this permit may be present in the permittee's wastewater discharge, but at levels which do not require specific permit limitations. Consequently, if any of the Local Limits for pollutants not identified in Section E and F of this permit are exceeded, permittee must undertake a short-term, high intensity monitoring program for that pollutant as follows: Samples identical to those required for routine monitoring purposes will be collected on each of at least three operating days and analyzed. Results will be expressed in terms of both concentration and mass, and will be submitted no later than the end of the third month following the month when the limit was first exceeded.

    If levels higher than the Local Limit are confirmed, the permit may be modified by the NFWB to add new or revised permit limits.

14. The permittee must notify the NFWB immediately upon the occurrence of spills, including accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, slug loads or slug discharges that might cause potential problems for the POTW or spills that might enter the public sewer. During normal business hours the NFWB should be notified by telephoning the Industrial Monitoring Coordinator, and failing to make direct contact with the Industrial Monitoring Coordinator, by telephoning the wastewater treatment plant Chief Operator. Contact information may be obtained from the Industrial Monitoring Coordinator. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

    Within 5 days following an accidental discharge, the permittee shall submit to the NFWB a detailed written report. The report must specify the following:
    a. Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.
    b. Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur. (C 14. continued…)

C. General Wastewater Discharge Permit Conditions (14 C. continued)

c. All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

40 CFR 403.8(f)(2)(vi) requires the SIU to notify the Niagara Falls Water Board immediately of any changes at its facility affecting its potential for a slug discharge.

15. 40 CFR 403.17(c) contains the notification requirements for anticipated and unanticipated bypass. In the event of an anticipated bypass, the federal regulations at 403.17 (c)(1) require an industrial user to notify the NFWB at least ten days prior to the date of the bypass. In the event of an unanticipated bypass, the federal regulations at 40 CFR 403.17(c)(2) require an industrial user to notify the NFWB within 24 hours from the time the industrial user becomes aware of the bypass and submit a written description of the bypass within five days of the time the industrial user becomes aware of the bypass. As defined at 403.17 (a)(1), a bypass is "the intentional diversion of wastestreams from any portion of an Industrials User's treatment facility."

16. All reports submitted in connection with this Permit, including all compliance and monitoring reports, shall be signed by an authorized representative of industrial user pursuant to 40 CFR Part 403.12(l) and per NFWB Wastewater Regulation 1960.7(b)(2) shall contain a certification statement which shall read:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

17. As set forth in NFWB Wastewater Regulation 1960.9(b)(4), any person who knowingly makes any false statements, representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to the Wastewater Regulations, or SIU Permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under the Wastewater Regulations, shall be assessed a penalty in an amount not to exceed $10,000 per violation per day.

18. Per NFWB Wastewater Regulation 1960.9(b)(2), any person determined to have violated any of the provisions of the NFWB Wastewater Regulations shall be assessed a penalty in an amount not to exceed $10,000 per individual violation per day. (C. continued)

This page modified July 27th, 2023

C. **General Wastewater Discharge Permit Conditions** (continued)

19. The person violating any of the provisions of the Niagara Falls Water Board Wastewater Regulations also will be liable for any expense, loss, or damage occasioned by reason of such violation. The expense, loss, or damage may include but is not limited to additional pollutant treatment costs, damages to the POTW, personnel expenses for investigation, legal fees, and any other expense, loss, or damage occasioned by the violation. The expense, loss or damage will be taken to be to the extent determined by the Executive Director.

20. All conditions, standards and numeric limitations of Niagara Falls Water Board Wastewater Regulations are hereby incorporated into this permit by reference. These conditions, standards and numeric limitations must be complied with.

21. The permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action, or enforcement proceedings including civil or criminal penalties, injunctive relief, and summary suspension of discharge access.

22. The permittee must take all reasonable steps to contain or correct any adverse impact to the POTW or the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

23. Per NFWB Wastewater Regulations Section 1960.5(h)(1), personnel as designated by the Director shall be permitted at any time to enter upon all properties served by the Water Board POTW for the purpose of, and to carry out, inspection of premises, observation, measurement, sampling and testing, to determine compliance or non-compliance with applicable pretreatment standards and requirements. Personnel shall also be permitted to inspect and copy any and all documentation pertaining to discharge monitoring and analysis.

24. Permittee must furnish to the NFWB any information that the NFWB may request to determine whether cause exists for modifying, revoking, or terminating this permit or to determine compliance with this permit. The permittee must also, upon request, furnish to the NFWB copies of any records required to be kept pursuant to this permit. (C. continued)

This page modified July 27th, 2023

C. **General Wastewater Discharge Permit Conditions** (continued)

25. The permittee must retain records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application.

    This record retention period automatically is extended during enforcement or litigation activities involving the NFWB or permittee's discharge of pollutants, with the retention period extended until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired. The records retention period also is extended when requested by the NFWB, EPA Director, or EPA Regional Administrator.

26. As noted in Section 1960.6(g) of the NFWB Wastewater Regulations, " Permits are issued to a specific user. A permit shall not be reassigned or transferred without the approval of the Director. Any succeeding owner or user to which a permit has been transferred shall also comply with all terms and conditions of the existing permit." Per 40 CFR 403.8(f)(1)(iii)(B)(*2*), a copy of this permit must be provided to the new owner or operator of the facility that is the subject of this permit.

27. The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of federal, state, or local laws or regulations.

28. Per NFWB Wastewater Regulations Section 1960.6(e)(3), SIUs must obtain prior approval from the Director to discharge new or significantly increased wasteloads. The approval may require modification to the SIU Permit. In addition, permittee must notify the NFWB prior to making significant changes to pretreatment or monitoring facilities.

29. Pursuant to 21 NYCRR 1960.6(f), the terms and conditions of this permit may be subject to modification by the NFWB, during the term of the permit, as limitations or requirements are modified or other just cause exists.

This page modified July 27th, 2023

D. Specific Wastewater Discharge Permit Conditions

1. Billing:

a) Flow quantities will be derived from the Wastewater Treatment Facility flow meter. The results of the daily flow readings will be compiled and submitted to the Niagara Falls Water Board in a Monthly Flow Report by the 15th day of the following month.

b) Charges for TSS, SOC and Substances of Concern shall be developed based on Quarterly Self-Monitoring data.

2. Love Canal Leachate Treatment Facility (LCLTF)

The Niagara Falls Water Board agrees to accept wastewater processed from the Glenn Springs Holdings (GSH) LCLTF. These waters in addition to Love Canal wastewater shall include wastewater from the 102nd Street remedial site. This approval is subject to the following conditions:

a) The LCLTF shall be properly operated and maintained at all times.

b) To ensure proper operation GSH shall ensure sufficient feed, inter-stage (breakthrough), and effluent analysis to ensure timely carbon changes. Treatment levels of 10 ug/ℓ shall be achieved and verified with quarterly composite sample analysis for the following compounds: trichloroethylene, tetrachloroethylene, monochlorotoluene, monochlorobenzenes, trichlorobenzenes, tetrachlorobenzenes, hexachlorocyclohexanes- alpha, beta, gamma and delta and hexachlorobenzene.

c) The issuance of this approval if based on GSH's previous assertions that there is no reason to anticipate the presence of tetrachlorodibenzo-p-dioxins in the discharge from the treatment facility. The Niagara Falls Water Board hereby reserves the right to collect samples from the treatment facility effluent and analyze such wastewaters for their chemical constituents, including tetrachlorodibenzo-p-dioxins. If such analysis indicates the presence of tetrachlorodibenzo-p-dioxins, this approval may be withdrawn. If at any time, the Niagara Falls Water Board determines on any basis that the discharge of these wastewater to the POTW is interfering with the operation of that facility, the Niagara Falls Water Board will direct GSH to discontinue the discharge.

d) These pretreated wastewaters shall be discharged to the POTW via Outfall MS # 1.

(D2. continued)

This page modified July 27th, 2023

D. **Specific Wastewater Discharge Permit Conditions** (continued)

2. **Love Canal Leachate Treatment Facility (LCLTF)** (continued)

e) Periodically wet weather flow in the area around LCLTF results in surcharged sewers. The resultant surcharge requires overflow at combined sewer and storm sewer overflow points. Other points in the sewer shed require manual bypass pumping. Consequently, to minimize this overflow, the Niagara Falls Water Board will require the permittee to cease discharge from the LCLTF during these surcharge events.

A notification procedure has been established by the Niagara Falls Water Board to formalize the communication between the Niagara Falls Water Board and the permittee to halt and resume the LCLTF discharge. This procedure by reference is hereby incorporated as a condition of this permit.

3. **Slug Discharge Control Plan:**

Pursuant to the Federal Pretreatment Program Requirements, 40 CFR 403.8(f)(2)(vi), the NFWB periodically evaluates whether each such Significant Industrial User needs a plan or other action to control Slug Discharge
s. If the NFWB determines the permittee must develop and implement a Slug Discharge Control Plan, it must adhere to all requirements set forth in 40 CFR 403.8(f)(2)(vi). The Slug Discharge Control Plan must be implemented and all sections pertaining to sewer discharges to the NFWB are enforceable under this permit. All future revisions to the Slug Discharge Control Plan are also enforceable. Revised plans must be submitted to the Niagara Falls Water Board.

This permittee has been reviewed **and is NOT required to develop and implement such a plan**.

E. Discharge Limitations & Monitoring Requirements

During the Period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfall(s) will be limited and monitored by the permittee as specified below.

OUTFALL NUMBER/ EFFLUENT PARAMETER	DISCHARGE LIMITATIONS		UNITS	MINIMUM MONITORING REQUIREMENTS	
	ANNUAL AVERAGE	DAILY MAXIMUM		MEASUREMENT FREQUENCY	SAMPLE TYPE
MS #1 Flow	0.3	0.3	MGD	Continuous	4
MS #1 Total Suspended Solids	25	50	lbs./d	1/Quarter	1
MS #1 Soluble Organic Carbon	50	75	lbs./d	1/Quarter	1
MS#1 Volatile Priority Pollutants (See Attached list (Section F-1)	MONITOR ONLY		lbs./d	1/Quarter	1
MS #1 Acid Extractable Priority Pollutants (See attached list Section F-2)	MONITOR ONLY		lbs./d	1/Quarter	1
MS #1 Base/Neutral Priority Pollutants (See attached list Section F-3)	MONITOR ONLY		lbs./d	1/Quarter	1
MS #1 Pesticides Hexachlorocyclohexanes- alpha, beta, gamma and delta (See attached list Section F-4)	MONITOR ONLY		lbs./d	1/Quarter	1
MS #1 Total Phenols	MONITOR ONLY		lbs./d	1/Quarter	1

SAMPLE TYPE FOOTNOTES

(1) Each sample will consist of four (4) grabs collected spaced throughout the **batch** discharge, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. The four (4) grabs will be **composited in the laboratory** and analyzed as one sample.

(2) Each sample will consist of four (4) grabs collected spaced over the 24-hour period, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. The four (4) grabs will be **composited in the laboratory** and analyzed as one sample.

(3) Each sample will consist of a 24-hour, **flow proportioned** composite sample collected from the monitoring point.

(4) Flow will be monitored continuously with the use of a water meter or another acceptable flow metering device.

(5) Each sample will consist of a 24-hour, **time proportioned** composite sample collected from the monitoring point.

(6) Reserved

(7) Same as (3), however, five (5) samples will be collected per quarter from the monitoring point and analyzed by and at the Niagara Falls Water Board's expense.

(8) Four (4) grab samples will be collected spaced over the 24-hour period, such that they are representative of the effluent being discharged pursuant to 40CFR 403.12.b5iii. Each grab will be **analyzed and reported separately**.

(9) A grab sample is defined as an aliquot collected over a period of not more than 15 minutes.

F. Discharge Monitoring Reporting Requirements

During the period beginning the effective date of this permit and lasting until its expiration date, discharge monitoring results will be summarized and reported by the permittee according to the table below. The reporting dates are defined as: **Monthly** – no later than 14 days after the monitoring period, **Quarterly** - by the last day of the monitoring period = February 28(29), May 31, August 31, November 30**. Semiannual** reports will be submitted on the last day of the monitoring period = February 28(29), August 31. The annual average for each parameter listed in Section F, will be computed and reported quarterly. The individual sample analysis for the present quarter will also be reported quarterly unless directed otherwise in this permit.

OUTFALL NO	PARAMETER	REPORTING FREQUENCY
MS #1	Flow	Monthly
MS #1	Total Suspended Solids	Quarterly
MS #1	Soluble Organic Carbon	Quarterly
MS #1	Volatile - Priority Pollutants (F-1) *	Quarterly
MS #1	Acid Extractables - Priority Pollutants (F-2) *	Quarterly
MS #1	Base/Neutral - Priority Pollutants (F-3) *	Quarterly
MS #1	Pesticides (F-4) *	Quarterly
MS #1	Total Phenols	Quarterly

* See specific compounds listed on the following page.

(F. continued)

F. **Discharge Monitoring Reporting Requirements** (continued)

Discharge Monitoring Compounds

F1- Volatile Priority Pollutants		
Benzene	Bromoform	Trichloroethylene
Carbon Tetrachloride	Dichloropropylenes	Methylene Chloride
Chlorodibromethane	Ethylbenzene	Vinyl Chloride
Monochlorobenzene	Tetrachloroethanes	Monochlorotoluenes
Dichlorobromethane	Tetrachloroethylene	Monochlorobenzotrifluoride
Chloroform	Toluene	
Dichloroethylenes	Trichloroethanes	

F2- Acid Extractables Priority Pollutants		
Monochlorophenol	Monochlorocresol	Pentachlorophenol
Dichlorophenol	Trichlorophenol	

F3- Base/Neutrals Extractables Priority Pollutants		
Dimethyl Phthalate	Dichlorotoluene	Trichlorobenzene
Butyl Benz Phthalate	Acenaphthlene	Trichlorotoluene
Di-N-Butyl Phthalate	Fluoranthene	Hexachlorobutadiene
Di-N-Octyl Phthalate	Chrysene	Tetrachlorobenzene
Diethyl Phthalate	Napthalene	Hexachlorocyclopentadiene
Nitrosodiphenylamine	Benzo (a) Anthracene	Hexachlorobenzene
Dichlorobenzenes	Pyrene	Dichlorobenzotrifluoride

F4- Pesticides
Hexachlorocyclohexanes- alpha, beta, delta, and gamma

G. Comments/Revisions

July 27, 2023:

All NFWB discharge permits are being amended in a manner consistent with Nos. (1)-(4) below:

(1) Cover (Page 1) – format updated, including greater detail on permittee's obligations and addition of information on deadline for submission of application for renewal permit.
(2) Discharge Identification – description of designated sampling location enhanced.
(3) Section C, General Wastewater Discharge Permit Conditions – certain citations updated or added, condition numbers and order of conditions revised to group similar requirements, some numbered paragraphs were combined and some were separated and wording in certain conditions to enhance clarity or add detail, incorporated certain existing regulatory requirements directly into conditions to enhance permit usefulness and aid compliance.
(4) Section D, Slug Discharge Control Plan – minor revisions and clarifications.

Appendix D

Annual Groundwater Sampling Schedule

TABLE 3.3

CHEMICAL MONITORING LOCATIONS AND SCHEDULE
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
NIAGARA FALLS, NEW YORK

Annual Wells	*Biennial Wells*	
	Overburden Wells	*Overburden Wells*
Bedrock Wells	*Group I*	*Group II*
3257	~~3151~~ → Missing well	7115
5221	7120	7125
6209	7155	8115
7205	7161	8125
8210	8110	9105
9205	8120	9113
9210	8130	9118
10205	8140	~~10178A~~ → Moved to annual list in 2021
10210A	9110	
10210B	9115	
10210C	9120	
10215	9125	
10225A	9130	
10225B	9140	
10225C	10105	
10270	10147	
10272	10174A	
10278		
MW-01		
MW-02		

Overburden Wells

7130
7132
8106
10135
10178A → Added to the Annual list in 2021
10178B

Notes:
Group I wells are to be measured in odd years (i.e., 2013).
Group II wells are to be measured in even years (i.e., 2014).

Appendix E

Laboratory Reports

June 26, 2025 Service Request No:R2506701

Ms. Sheri Finn
GHD Services Inc.
2055 Niagara Falls Blvd.,
Niagara Falls, NY 14304

Laboratory Results for: Love Canal:292-402-D02-3100

Dear Ms.Finn,

Enclosed are the results of the sample(s) submitted to our laboratory June 10, 2025
For your reference, these analyses have been assigned our service request number **R2506701.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Dennis Hoyt

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100
Sample Matrix: Water

Service Request: R2506701
Date Received: 06/10/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 06/10/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

Method 625, 06/12/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Semivoa GC:

Method 8081B, 883161s: The control limits were exceeded for one or more surrogates due to matrix interferences. Due to the presence of non-target background components that prevented adequate resolution of the surrogate, accurate quantitation was not possible. No further corrective action was appropriate. Sample -002.
Method 8082A, 883021s: The control limits were exceeded for one or more surrogates due to matrix interferences. Due to the presence of non-target background components that prevented adequate resolution of the surrogate, accurate quantitation was not possible. No further corrective action was appropriate. Sample -002.

Volatiles by GC/MS:

Method 8260D, 06/19/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
Method 8260D, 06/17/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 06/17/2025: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 06/26/2025

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc.
Service Request: R2506701
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

SAMPLE CROSS-REFERENCE

R2506701-001	WG-TR1045-060925-001-SG	6/9/2025	0905
R2506701-002	WG-TR1045-060925-003-SG	6/9/2025	1010
R2506701-003	WG-TR1045-060925-005-SG	6/9/2025	1120
R2506701-004	WG-TR1045-060925-007-SG	6/9/2025	1250
R2506701-005	WG-TR1045-060925-010-SG	6/9/2025	1250
R2506701-006	WG-TR1045-060925-002-JA	6/9/2025	1015
R2506701-007	WG-TR1045-060925-004-JA	6/9/2025	1120
R2506701-008	WG-TR1045-060925-006-JA	6/9/2025	1230
R2506701-009	LCANNUALTRIP-060925	6/9/2025	

CHAIN OF CUSTODY RECORD

Laboratory: ALS
1565 Jefferson Road Building 300, Suite 360 Rochester, NY 14623
(585) 288-5380

WO # / LAB USE ONLY

DATE: 6/9/2025
PAGE: 1 OF 1

LABORATORY CLIENT: GSH/Geosyntec | Report to Sheri Finn, Alden Wells & Dennis Hoyt

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)

P.O. NO.: 292-402-D02-3100

ADDRESS: 805 97th Street

PROJECT CONTACT: Alden Wells & Dennis Hoyt

SAMPLER(S): (PRINT) Shawn Gardner/ Justin Adams

CITY: Niagara Falls | STATE: NY | ZIP: 14304

TEL: 716-342-6968 | Fax:

E-MAIL: alden.wells@geosyntec.com dhoyt@geosyntec.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-060925-001-SG	6/9/2025	9:05	WG	7	X	X	X	X	X	X			
	WG-TR1045-060925-003-SG	6/9/2025	10:10	WG	7	X	X	X	X	X	X			
	WG-TR1045-060925-005-SG	6/9/2025	11:20	WG	7	X	X	X	X	X	X			
	WG-TR1045-060925-007-SG	6/9/2025	12:50	WG	7	X	X	X	X	X	X			
	WG-TR1045-060925-010-SG	6/9/2025	12:50	WG	7	X	X	X	X	X	X			
	WG-TR1045-060925-002-JA	6/9/2025	10:15	WG	7	X	X	X	X	X	X			
	WG-TR1045-060925-004-JA	6/9/2025	11:20	WG	7	X	X	X	X	X	X			
	WG-TR1045-060925-006-JA	6/9/2025	12:30	WG	7	X	X	X	X	X	X			
	LCANNUALTRIP-060925			WGO	2		X				X			

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
SHAWN GARDNER	Shawn Gardner	6/9/25	1400	Roman Mazzilli	Roman Mazzilli ALS	6/10/25	10:40

R2506701
GHD Services Inc.
Love Canal:292-402-D02-3100
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CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR# T063929

001

ALS Environmental

1565 Jefferson Road, Bldg 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 / FAX (585) 288-8475
www.alsglobal.com

Project Name: Love Canal:292-402-D02-3100	
Project Number: 11225661 Annual Long Term Monitoring	Report To Kathy Willy
Company / Address GHD 2055 Niagara Falls Blvd., Niagara Falls NY, 14304	
Phone # 716-205-1945	FAX # 716-297-2265
Sampler Signature	Sampler Printed Name

CLIENT SAMPLE ID	LABID	SAMPLING Date	Time	Matrix	NUMBER OF CONTAINERS	7D 8081B / Pest OC	8082A / PCB	8270D / SVO	14D 8260C / VOC FP	1	2	3	4	5	Remarks
				Liquid	7	X	X	X	X						
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											

Special Instructions/Comments:

Turnaround Requirements

____ RUSH (SURCHARGES APPLY)

____ Standard

_____ REQUESTED FAX DATE

_____ Requested Report Date

Report Requirements

___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Cilibration Summaries
___ IV. Data Validation Report with Raw Data

EData _____Yes _____No

Invoice Information

P.O.#_____

Bill To:_____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm	Firm	Firm	Firm	Firm	Firm
Date/Time	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

R2506701 5
GHD Services Inc.
Love Canal:282-402-002-3100

Cooler Receipt and Preservation Check Form

Project/Client GHD Folder Number

Cooler received on 6/10/25 by: RM

COURIER: ALS UPS (FEDEX) VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	(Y) N	5a	Did **VOA** vials have sig* **bubbles**?		Y N (NA)
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?** Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	ALS/ROC	CLIENT
4	Circle: (Wet Ice) **Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as:	Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 6/10/25 Time: 11:09 ID: (IR#12) IR#11 From: Temp Blank (Sample Bottle)

Temp (°C)	1.8	3.0					
Within 0-6°C?	(Y) N	(Y) N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by RM on 6/10 at 11:42
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/10/25 Time: 1232 by: RDA

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? (YES) NO N/A
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**						

Bottle lot numbers: 011325-3AxH, 120924-16J
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RDA *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506701

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
8270E	Water	3- and 4-Methylphenol Coelution

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506701
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-060925-001-SG **Date Collected:** 06/9/25
Lab Code: R2506701-001 **Date Received:** 06/10/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	KPROCOPIO

Sample Name: WG-TR1045-060925-003-SG **Date Collected:** 06/9/25
Lab Code: R2506701-002 **Date Received:** 06/10/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	KPROCOPIO

Sample Name: WG-TR1045-060925-005-SG **Date Collected:** 06/9/25
Lab Code: R2506701-003 **Date Received:** 06/10/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	KPROCOPIO

Sample Name: WG-TR1045-060925-007-SG **Date Collected:** 06/9/25
Lab Code: R2506701-004 **Date Received:** 06/10/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506701
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-060925-007-SG **Date Collected:** 06/9/25
Lab Code: R2506701-004 **Date Received:** 06/10/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	KPROCOPIO

Sample Name: WG-TR1045-060925-010-SG **Date Collected:** 06/9/25
Lab Code: R2506701-005 **Date Received:** 06/10/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	KPROCOPIO

Sample Name: WG-TR1045-060925-002-JA **Date Collected:** 06/9/25
Lab Code: R2506701-006 **Date Received:** 06/10/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	KPROCOPIO

Sample Name: WG-TR1045-060925-004-JA **Date Collected:** 06/9/25
Lab Code: R2506701-007 **Date Received:** 06/10/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-060925-004-JA	**Date Collected:**	06/9/25
Lab Code:	R2506701-007	**Date Received:**	06/10/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E	JVANHEYNINGEN	KPROCOPIO

Sample Name:	WG-TR1045-060925-006-JA	**Date Collected:**	06/9/25
Lab Code:	R2506701-008	**Date Received:**	06/10/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	KPROCOPIO

Sample Name:	LCANNUALTRIP-060925	**Date Collected:**	06/9/25
Lab Code:	R2506701-009	**Date Received:**	06/10/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 09:05
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-001-SG	**Units:**	ug/L
Lab Code:	R2506701-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/17/25 20:53	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/17/25 20:53	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/17/25 20:53	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/17/25 20:53	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/17/25 20:53	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/17/25 20:53	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/17/25 20:53	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/17/25 20:53	
2-Hexanone	0.20 U	5.0	0.20	1	06/17/25 20:53	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/17/25 20:53	
Acetone	5.0 U	5.0	5.0	1	06/17/25 20:53	
Benzene	0.20 U	1.0	0.20	1	06/17/25 20:53	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/17/25 20:53	
Bromoform	0.25 U	1.0	0.25	1	06/17/25 20:53	
Bromomethane	0.70 U	1.0	0.70	1	06/17/25 20:53	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/17/25 20:53	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/17/25 20:53	
Chlorobenzene	0.20 U	1.0	0.20	1	06/17/25 20:53	
Chloroethane	0.23 U	1.0	0.23	1	06/17/25 20:53	
Chloroform	0.51 U	1.0	0.51	1	06/17/25 20:53	
Chloromethane	0.40 U	1.0	0.40	1	06/17/25 20:53	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/17/25 20:53	
Dichloromethane	0.65 U	1.0	0.65	1	06/17/25 20:53	
Ethylbenzene	0.20 U	1.0	0.20	1	06/17/25 20:53	
Styrene	0.20 U	1.0	0.20	1	06/17/25 20:53	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/17/25 20:53	
Toluene	0.20 U	1.0	0.20	1	06/17/25 20:53	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/17/25 20:53	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/17/25 20:53	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/17/25 20:53	
Xylenes, Total	0.23 U	3.0	0.23	1	06/17/25 20:53	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/17/25 20:53	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/17/25 20:53	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/17/25 20:53	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/17/25 20:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 09:05
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-001-SG	**Units:**	ug/L
Lab Code:	R2506701-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/17/25 20:53	
Dibromofluoromethane	100	80 - 116	06/17/25 20:53	
Toluene-d8	100	87 - 121	06/17/25 20:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 09:05
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-001-SG	**Units:**	ug/L
Lab Code:	R2506701-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:10
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-003-SG	**Units:**	ug/L
Lab Code:	R2506701-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/17/25 21:16	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/17/25 21:16	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/17/25 21:16	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/17/25 21:16	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/17/25 21:16	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/17/25 21:16	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/17/25 21:16	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/17/25 21:16	
2-Hexanone	0.20 U	5.0	0.20	1	06/17/25 21:16	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/17/25 21:16	
Acetone	5.0 U	5.0	5.0	1	06/17/25 21:16	
Benzene	0.20 U	1.0	0.20	1	06/17/25 21:16	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/17/25 21:16	
Bromoform	0.25 U	1.0	0.25	1	06/17/25 21:16	
Bromomethane	0.70 U	1.0	0.70	1	06/17/25 21:16	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/17/25 21:16	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/17/25 21:16	
Chlorobenzene	0.20 U	1.0	0.20	1	06/17/25 21:16	
Chloroethane	0.23 U	1.0	0.23	1	06/17/25 21:16	
Chloroform	0.51 U	1.0	0.51	1	06/17/25 21:16	
Chloromethane	0.40 U	1.0	0.40	1	06/17/25 21:16	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/17/25 21:16	
Dichloromethane	0.65 U	1.0	0.65	1	06/17/25 21:16	
Ethylbenzene	0.20 U	1.0	0.20	1	06/17/25 21:16	
Styrene	0.20 U	1.0	0.20	1	06/17/25 21:16	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/17/25 21:16	
Toluene	0.20 U	1.0	0.20	1	06/17/25 21:16	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/17/25 21:16	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/17/25 21:16	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/17/25 21:16	
Xylenes, Total	0.23 U	3.0	0.23	1	06/17/25 21:16	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/17/25 21:16	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/17/25 21:16	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/17/25 21:16	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/17/25 21:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:10
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-003-SG	**Units:**	ug/L
Lab Code:	R2506701-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	06/17/25 21:16	
Dibromofluoromethane	103	80 - 116	06/17/25 21:16	
Toluene-d8	103	87 - 121	06/17/25 21:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:10
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-003-SG	**Units:**	ug/L
Lab Code:	R2506701-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-005-SG	**Units:**	ug/L
Lab Code:	R2506701-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/19/25 08:07	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/19/25 08:07	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/19/25 08:07	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/19/25 08:07	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/19/25 08:07	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/19/25 08:07	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/19/25 08:07	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/19/25 08:07	
2-Hexanone	0.20 U	5.0	0.20	1	06/19/25 08:07	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/19/25 08:07	
Acetone	5.0 U	5.0	5.0	1	06/19/25 08:07	
Benzene	0.20 U	1.0	0.20	1	06/19/25 08:07	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/19/25 08:07	
Bromoform	0.25 U	1.0	0.25	1	06/19/25 08:07	
Bromomethane	0.70 U	1.0	0.70	1	06/19/25 08:07	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/19/25 08:07	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/19/25 08:07	
Chlorobenzene	0.20 U	1.0	0.20	1	06/19/25 08:07	
Chloroethane	0.23 U	1.0	0.23	1	06/19/25 08:07	
Chloroform	0.51 U	1.0	0.51	1	06/19/25 08:07	
Chloromethane	0.40 U	1.0	0.40	1	06/19/25 08:07	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/19/25 08:07	
Dichloromethane	0.65 U	1.0	0.65	1	06/19/25 08:07	
Ethylbenzene	0.20 U	1.0	0.20	1	06/19/25 08:07	
Styrene	0.20 U	1.0	0.20	1	06/19/25 08:07	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/19/25 08:07	
Toluene	0.20 U	1.0	0.20	1	06/19/25 08:07	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/19/25 08:07	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/19/25 08:07	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/19/25 08:07	
Xylenes, Total	0.23 U	3.0	0.23	1	06/19/25 08:07	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/19/25 08:07	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/19/25 08:07	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/19/25 08:07	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/19/25 08:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-005-SG	**Units:**	ug/L
Lab Code:	R2506701-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	85 - 122	06/19/25 08:07	
Dibromofluoromethane	99	80 - 116	06/19/25 08:07	
Toluene-d8	101	87 - 121	06/19/25 08:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-005-SG	**Units:**	ug/L
Lab Code:	R2506701-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-007-SG	**Units:**	ug/L
Lab Code:	R2506701-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/19/25 08:30	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/19/25 08:30	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/19/25 08:30	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/19/25 08:30	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/19/25 08:30	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/19/25 08:30	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/19/25 08:30	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/19/25 08:30	
2-Hexanone	0.20 U	5.0	0.20	1	06/19/25 08:30	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/19/25 08:30	
Acetone	5.0 U	5.0	5.0	1	06/19/25 08:30	
Benzene	0.20 U	1.0	0.20	1	06/19/25 08:30	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/19/25 08:30	
Bromoform	0.25 U	1.0	0.25	1	06/19/25 08:30	
Bromomethane	0.70 U	1.0	0.70	1	06/19/25 08:30	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/19/25 08:30	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/19/25 08:30	
Chlorobenzene	0.20 U	1.0	0.20	1	06/19/25 08:30	
Chloroethane	0.23 U	1.0	0.23	1	06/19/25 08:30	
Chloroform	0.51 U	1.0	0.51	1	06/19/25 08:30	
Chloromethane	0.40 U	1.0	0.40	1	06/19/25 08:30	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/19/25 08:30	
Dichloromethane	0.65 U	1.0	0.65	1	06/19/25 08:30	
Ethylbenzene	0.20 U	1.0	0.20	1	06/19/25 08:30	
Styrene	0.20 U	1.0	0.20	1	06/19/25 08:30	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/19/25 08:30	
Toluene	0.20 U	1.0	0.20	1	06/19/25 08:30	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/19/25 08:30	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/19/25 08:30	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/19/25 08:30	
Xylenes, Total	0.23 U	3.0	0.23	1	06/19/25 08:30	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/19/25 08:30	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/19/25 08:30	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/19/25 08:30	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/19/25 08:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-007-SG	**Units:**	ug/L
Lab Code:	R2506701-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/19/25 08:30	
Dibromofluoromethane	99	80 - 116	06/19/25 08:30	
Toluene-d8	100	87 - 121	06/19/25 08:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-007-SG	**Units:**	ug/L
Lab Code:	R2506701-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-010-SG	**Units:**	ug/L
Lab Code:	R2506701-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/19/25 08:53	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/19/25 08:53	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/19/25 08:53	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/19/25 08:53	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/19/25 08:53	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/19/25 08:53	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/19/25 08:53	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/19/25 08:53	
2-Hexanone	0.20 U	5.0	0.20	1	06/19/25 08:53	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/19/25 08:53	
Acetone	5.0 U	5.0	5.0	1	06/19/25 08:53	
Benzene	0.20 U	1.0	0.20	1	06/19/25 08:53	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/19/25 08:53	
Bromoform	0.25 U	1.0	0.25	1	06/19/25 08:53	
Bromomethane	0.70 U	1.0	0.70	1	06/19/25 08:53	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/19/25 08:53	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/19/25 08:53	
Chlorobenzene	0.20 U	1.0	0.20	1	06/19/25 08:53	
Chloroethane	0.23 U	1.0	0.23	1	06/19/25 08:53	
Chloroform	0.51 U	1.0	0.51	1	06/19/25 08:53	
Chloromethane	0.40 U	1.0	0.40	1	06/19/25 08:53	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/19/25 08:53	
Dichloromethane	0.65 U	1.0	0.65	1	06/19/25 08:53	
Ethylbenzene	0.20 U	1.0	0.20	1	06/19/25 08:53	
Styrene	0.20 U	1.0	0.20	1	06/19/25 08:53	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/19/25 08:53	
Toluene	0.20 U	1.0	0.20	1	06/19/25 08:53	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/19/25 08:53	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/19/25 08:53	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/19/25 08:53	
Xylenes, Total	0.23 U	3.0	0.23	1	06/19/25 08:53	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/19/25 08:53	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/19/25 08:53	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/19/25 08:53	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/19/25 08:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-010-SG	**Units:**	ug/L
Lab Code:	R2506701-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/19/25 08:53	
Dibromofluoromethane	99	80 - 116	06/19/25 08:53	
Toluene-d8	101	87 - 121	06/19/25 08:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-010-SG	**Units:**	ug/L
Lab Code:	R2506701-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.173	1.6	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:15
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-002-JA	**Units:**	ug/L
Lab Code:	R2506701-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/19/25 09:17	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/19/25 09:17	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/19/25 09:17	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/19/25 09:17	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/19/25 09:17	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/19/25 09:17	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/19/25 09:17	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/19/25 09:17	
2-Hexanone	0.20 U	5.0	0.20	1	06/19/25 09:17	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/19/25 09:17	
Acetone	5.0 U	5.0	5.0	1	06/19/25 09:17	
Benzene	0.20 U	1.0	0.20	1	06/19/25 09:17	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/19/25 09:17	
Bromoform	0.25 U	1.0	0.25	1	06/19/25 09:17	
Bromomethane	0.70 U	1.0	0.70	1	06/19/25 09:17	
Carbon Disulfide	**0.73 J**	1.0	0.42	1	06/19/25 09:17	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/19/25 09:17	
Chlorobenzene	0.20 U	1.0	0.20	1	06/19/25 09:17	
Chloroethane	0.23 U	1.0	0.23	1	06/19/25 09:17	
Chloroform	0.51 U	1.0	0.51	1	06/19/25 09:17	
Chloromethane	0.40 U	1.0	0.40	1	06/19/25 09:17	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/19/25 09:17	
Dichloromethane	0.65 U	1.0	0.65	1	06/19/25 09:17	
Ethylbenzene	0.20 U	1.0	0.20	1	06/19/25 09:17	
Styrene	0.20 U	1.0	0.20	1	06/19/25 09:17	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/19/25 09:17	
Toluene	0.20 U	1.0	0.20	1	06/19/25 09:17	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/19/25 09:17	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/19/25 09:17	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/19/25 09:17	
Xylenes, Total	0.23 U	3.0	0.23	1	06/19/25 09:17	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/19/25 09:17	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/19/25 09:17	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/19/25 09:17	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/19/25 09:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:15
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-002-JA	**Units:**	ug/L
Lab Code:	R2506701-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/19/25 09:17	
Dibromofluoromethane	101	80 - 116	06/19/25 09:17	
Toluene-d8	101	87 - 121	06/19/25 09:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:15
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-002-JA	**Units:**	ug/L
Lab Code:	R2506701-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	1.4	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-004-JA	**Units:**	ug/L
Lab Code:	R2506701-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/19/25 09:40	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/19/25 09:40	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/19/25 09:40	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/19/25 09:40	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/19/25 09:40	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/19/25 09:40	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/19/25 09:40	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/19/25 09:40	
2-Hexanone	0.20 U	5.0	0.20	1	06/19/25 09:40	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/19/25 09:40	
Acetone	5.0 U	5.0	5.0	1	06/19/25 09:40	
Benzene	0.20 U	1.0	0.20	1	06/19/25 09:40	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/19/25 09:40	
Bromoform	0.25 U	1.0	0.25	1	06/19/25 09:40	
Bromomethane	0.70 U	1.0	0.70	1	06/19/25 09:40	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/19/25 09:40	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/19/25 09:40	
Chlorobenzene	0.20 U	1.0	0.20	1	06/19/25 09:40	
Chloroethane	0.23 U	1.0	0.23	1	06/19/25 09:40	
Chloroform	0.51 U	1.0	0.51	1	06/19/25 09:40	
Chloromethane	0.40 U	1.0	0.40	1	06/19/25 09:40	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/19/25 09:40	
Dichloromethane	0.65 U	1.0	0.65	1	06/19/25 09:40	
Ethylbenzene	0.20 U	1.0	0.20	1	06/19/25 09:40	
Styrene	0.20 U	1.0	0.20	1	06/19/25 09:40	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/19/25 09:40	
Toluene	0.20 U	1.0	0.20	1	06/19/25 09:40	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/19/25 09:40	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/19/25 09:40	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/19/25 09:40	
Xylenes, Total	0.23 U	3.0	0.23	1	06/19/25 09:40	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/19/25 09:40	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/19/25 09:40	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/19/25 09:40	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/19/25 09:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-004-JA	**Units:**	ug/L
Lab Code:	R2506701-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	109	85 - 122	06/19/25 09:40	
Dibromofluoromethane	101	80 - 116	06/19/25 09:40	
Toluene-d8	102	87 - 121	06/19/25 09:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-004-JA	**Units:**	ug/L
Lab Code:	R2506701-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	0.9	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:30
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-006-JA	**Units:**	ug/L
Lab Code:	R2506701-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/19/25 10:03	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/19/25 10:03	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/19/25 10:03	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/19/25 10:03	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/19/25 10:03	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/19/25 10:03	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/19/25 10:03	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/19/25 10:03	
2-Hexanone	0.20 U	5.0	0.20	1	06/19/25 10:03	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/19/25 10:03	
Acetone	5.0 U	5.0	5.0	1	06/19/25 10:03	
Benzene	0.20 U	1.0	0.20	1	06/19/25 10:03	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/19/25 10:03	
Bromoform	0.25 U	1.0	0.25	1	06/19/25 10:03	
Bromomethane	0.70 U	1.0	0.70	1	06/19/25 10:03	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/19/25 10:03	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/19/25 10:03	
Chlorobenzene	0.20 U	1.0	0.20	1	06/19/25 10:03	
Chloroethane	0.23 U	1.0	0.23	1	06/19/25 10:03	
Chloroform	0.51 U	1.0	0.51	1	06/19/25 10:03	
Chloromethane	0.40 U	1.0	0.40	1	06/19/25 10:03	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/19/25 10:03	
Dichloromethane	0.65 U	1.0	0.65	1	06/19/25 10:03	
Ethylbenzene	0.20 U	1.0	0.20	1	06/19/25 10:03	
Styrene	0.20 U	1.0	0.20	1	06/19/25 10:03	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/19/25 10:03	
Toluene	0.20 U	1.0	0.20	1	06/19/25 10:03	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/19/25 10:03	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/19/25 10:03	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/19/25 10:03	
Xylenes, Total	0.23 U	3.0	0.23	1	06/19/25 10:03	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/19/25 10:03	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/19/25 10:03	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/19/25 10:03	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/19/25 10:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:30
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-006-JA	**Units:**	ug/L
Lab Code:	R2506701-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	06/19/25 10:03	
Dibromofluoromethane	100	80 - 116	06/19/25 10:03	
Toluene-d8	102	87 - 121	06/19/25 10:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:30
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-006-JA	**Units:**	ug/L
Lab Code:	R2506701-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	2.1	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	LCANNUALTRIP-060925	**Units:**	ug/L
Lab Code:	R2506701-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/19/25 10:26	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/19/25 10:26	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/19/25 10:26	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/19/25 10:26	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/19/25 10:26	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/19/25 10:26	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/19/25 10:26	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/19/25 10:26	
2-Hexanone	0.20 U	5.0	0.20	1	06/19/25 10:26	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/19/25 10:26	
Acetone	5.0 U	5.0	5.0	1	06/19/25 10:26	
Benzene	0.20 U	1.0	0.20	1	06/19/25 10:26	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/19/25 10:26	
Bromoform	0.25 U	1.0	0.25	1	06/19/25 10:26	
Bromomethane	0.70 U	1.0	0.70	1	06/19/25 10:26	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/19/25 10:26	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/19/25 10:26	
Chlorobenzene	0.20 U	1.0	0.20	1	06/19/25 10:26	
Chloroethane	0.23 U	1.0	0.23	1	06/19/25 10:26	
Chloroform	0.51 U	1.0	0.51	1	06/19/25 10:26	
Chloromethane	0.40 U	1.0	0.40	1	06/19/25 10:26	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/19/25 10:26	
Dichloromethane	0.65 U	1.0	0.65	1	06/19/25 10:26	
Ethylbenzene	0.20 U	1.0	0.20	1	06/19/25 10:26	
Styrene	0.20 U	1.0	0.20	1	06/19/25 10:26	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/19/25 10:26	
Toluene	0.20 U	1.0	0.20	1	06/19/25 10:26	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/19/25 10:26	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/19/25 10:26	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/19/25 10:26	
Xylenes, Total	0.23 U	3.0	0.23	1	06/19/25 10:26	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/19/25 10:26	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/19/25 10:26	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/19/25 10:26	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/19/25 10:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	LCANNUALTRIP-060925	**Units:**	ug/L
Lab Code:	R2506701-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	06/19/25 10:26	
Dibromofluoromethane	101	80 - 116	06/19/25 10:26	
Toluene-d8	103	87 - 121	06/19/25 10:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	LCANNUALTRIP-060925	**Units:**	ug/L
Lab Code:	R2506701-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
1191-96-4	Cyclopropane, ethyl-	2.593	1.7	JN

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 09:05
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-001-SG	**Units:**	ug/L
Lab Code:	R2506701-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/12/25 18:35	6/11/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/12/25 18:35	6/11/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/12/25 18:35	6/11/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/12/25 18:35	6/11/25	
2,4-Dinitrophenol	20 U	49	20	1	06/12/25 18:35	6/11/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/12/25 18:35	6/11/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/12/25 18:35	6/11/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/12/25 18:35	6/11/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/12/25 18:35	6/11/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/12/25 18:35	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/12/25 18:35	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/12/25 18:35	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/12/25 18:35	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/12/25 18:35	6/11/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/12/25 18:35	6/11/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/12/25 18:35	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/12/25 18:35	6/11/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/12/25 18:35	6/11/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
Anthracene	1.3 U	9.8	1.3	1	06/12/25 18:35	6/11/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/12/25 18:35	6/11/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/12/25 18:35	6/11/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/12/25 18:35	6/11/25	
Benzoic Acid	36 U	49	36	1	06/12/25 18:35	6/11/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/12/25 18:35	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/12/25 18:35	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/12/25 18:35	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/12/25 18:35	6/11/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/12/25 18:35	6/11/25	
Chrysene	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 09:05
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-001-SG	**Units:**	ug/L
Lab Code:	R2506701-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/12/25 18:35	6/11/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/12/25 18:35	6/11/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/12/25 18:35	6/11/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/12/25 18:35	6/11/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/12/25 18:35	6/11/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/12/25 18:35	6/11/25	
Fluorene	1.3 U	9.8	1.3	1	06/12/25 18:35	6/11/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/12/25 18:35	6/11/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/12/25 18:35	6/11/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/12/25 18:35	6/11/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/12/25 18:35	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/12/25 18:35	6/11/25	
Isophorone	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/12/25 18:35	6/11/25	
Naphthalene	1.2 U	9.8	1.2	1	06/12/25 18:35	6/11/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/12/25 18:35	6/11/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/12/25 18:35	6/11/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/12/25 18:35	6/11/25	
Phenol	1.0 U	9.8	1.0	1	06/12/25 18:35	6/11/25	
Pyrene	1.5 U	9.8	1.5	1	06/12/25 18:35	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	56	31 - 133	06/12/25 18:35	
2-Fluorobiphenyl	32	25 - 99	06/12/25 18:35	
2-Fluorophenol	32	15 - 72	06/12/25 18:35	
Nitrobenzene-d5	47	22 - 104	06/12/25 18:35	
Phenol-d6	22	10 - 55	06/12/25 18:35	
p-Terphenyl-d14	62	10 - 143	06/12/25 18:35	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:10
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-003-SG	**Units:**	ug/L
Lab Code:	R2506701-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/12/25 18:59	6/11/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/12/25 18:59	6/11/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/12/25 18:59	6/11/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/12/25 18:59	6/11/25	
2,4-Dinitrophenol	20 U	49	20	1	06/12/25 18:59	6/11/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/12/25 18:59	6/11/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/12/25 18:59	6/11/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/12/25 18:59	6/11/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/12/25 18:59	6/11/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/12/25 18:59	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/12/25 18:59	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/12/25 18:59	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/12/25 18:59	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/12/25 18:59	6/11/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/12/25 18:59	6/11/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/12/25 18:59	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/12/25 18:59	6/11/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/12/25 18:59	6/11/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
Anthracene	1.3 U	9.8	1.3	1	06/12/25 18:59	6/11/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/12/25 18:59	6/11/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/12/25 18:59	6/11/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/12/25 18:59	6/11/25	
Benzoic Acid	36 U	49	36	1	06/12/25 18:59	6/11/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/12/25 18:59	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/12/25 18:59	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/12/25 18:59	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/12/25 18:59	6/11/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/12/25 18:59	6/11/25	
Chrysene	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:10
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-003-SG	**Units:**	ug/L
Lab Code:	R2506701-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/12/25 18:59	6/11/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/12/25 18:59	6/11/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/12/25 18:59	6/11/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/12/25 18:59	6/11/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/12/25 18:59	6/11/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/12/25 18:59	6/11/25	
Fluorene	1.3 U	9.8	1.3	1	06/12/25 18:59	6/11/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/12/25 18:59	6/11/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/12/25 18:59	6/11/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/12/25 18:59	6/11/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/12/25 18:59	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/12/25 18:59	6/11/25	
Isophorone	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/12/25 18:59	6/11/25	
Naphthalene	1.2 U	9.8	1.2	1	06/12/25 18:59	6/11/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/12/25 18:59	6/11/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/12/25 18:59	6/11/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/12/25 18:59	6/11/25	
Phenol	1.0 U	9.8	1.0	1	06/12/25 18:59	6/11/25	
Pyrene	1.5 U	9.8	1.5	1	06/12/25 18:59	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	52	31 - 133	06/12/25 18:59	
2-Fluorobiphenyl	30	25 - 99	06/12/25 18:59	
2-Fluorophenol	29	15 - 72	06/12/25 18:59	
Nitrobenzene-d5	43	22 - 104	06/12/25 18:59	
Phenol-d6	20	10 - 55	06/12/25 18:59	
p-Terphenyl-d14	73	10 - 143	06/12/25 18:59	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-005-SG	**Units:**	ug/L
Lab Code:	R2506701-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/12/25 19:23	6/11/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/12/25 19:23	6/11/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/12/25 19:23	6/11/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/12/25 19:23	6/11/25	
2,4-Dinitrophenol	20 U	49	20	1	06/12/25 19:23	6/11/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/12/25 19:23	6/11/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/12/25 19:23	6/11/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/12/25 19:23	6/11/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/12/25 19:23	6/11/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/12/25 19:23	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/12/25 19:23	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/12/25 19:23	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/12/25 19:23	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/12/25 19:23	6/11/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/12/25 19:23	6/11/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/12/25 19:23	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/12/25 19:23	6/11/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/12/25 19:23	6/11/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
Anthracene	1.3 U	9.8	1.3	1	06/12/25 19:23	6/11/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/12/25 19:23	6/11/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/12/25 19:23	6/11/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/12/25 19:23	6/11/25	
Benzoic Acid	36 U	49	36	1	06/12/25 19:23	6/11/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/12/25 19:23	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/12/25 19:23	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/12/25 19:23	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/12/25 19:23	6/11/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/12/25 19:23	6/11/25	
Chrysene	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-005-SG	**Units:**	ug/L
Lab Code:	R2506701-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/12/25 19:23	6/11/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/12/25 19:23	6/11/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/12/25 19:23	6/11/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/12/25 19:23	6/11/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/12/25 19:23	6/11/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/12/25 19:23	6/11/25	
Fluorene	1.3 U	9.8	1.3	1	06/12/25 19:23	6/11/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/12/25 19:23	6/11/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/12/25 19:23	6/11/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/12/25 19:23	6/11/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/12/25 19:23	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/12/25 19:23	6/11/25	
Isophorone	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/12/25 19:23	6/11/25	
Naphthalene	1.2 U	9.8	1.2	1	06/12/25 19:23	6/11/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/12/25 19:23	6/11/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/12/25 19:23	6/11/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/12/25 19:23	6/11/25	
Phenol	1.0 U	9.8	1.0	1	06/12/25 19:23	6/11/25	
Pyrene	1.5 U	9.8	1.5	1	06/12/25 19:23	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	48	31 - 133	06/12/25 19:23	
2-Fluorobiphenyl	31	25 - 99	06/12/25 19:23	
2-Fluorophenol	28	15 - 72	06/12/25 19:23	
Nitrobenzene-d5	41	22 - 104	06/12/25 19:23	
Phenol-d6	19	10 - 55	06/12/25 19:23	
p-Terphenyl-d14	47	10 - 143	06/12/25 19:23	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-007-SG	**Units:**	ug/L
Lab Code:	R2506701-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/12/25 19:47	6/11/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/12/25 19:47	6/11/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/12/25 19:47	6/11/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/12/25 19:47	6/11/25	
2,4-Dinitrophenol	20 U	49	20	1	06/12/25 19:47	6/11/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/12/25 19:47	6/11/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/12/25 19:47	6/11/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/12/25 19:47	6/11/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/12/25 19:47	6/11/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/12/25 19:47	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/12/25 19:47	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/12/25 19:47	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/12/25 19:47	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/12/25 19:47	6/11/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/12/25 19:47	6/11/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/12/25 19:47	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/12/25 19:47	6/11/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/12/25 19:47	6/11/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
Anthracene	1.3 U	9.8	1.3	1	06/12/25 19:47	6/11/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/12/25 19:47	6/11/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/12/25 19:47	6/11/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/12/25 19:47	6/11/25	
Benzoic Acid	36 U	49	36	1	06/12/25 19:47	6/11/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/12/25 19:47	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/12/25 19:47	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/12/25 19:47	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/12/25 19:47	6/11/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/12/25 19:47	6/11/25	
Chrysene	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-007-SG	**Units:**	ug/L
Lab Code:	R2506701-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/12/25 19:47	6/11/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/12/25 19:47	6/11/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/12/25 19:47	6/11/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/12/25 19:47	6/11/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/12/25 19:47	6/11/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/12/25 19:47	6/11/25	
Fluorene	1.3 U	9.8	1.3	1	06/12/25 19:47	6/11/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/12/25 19:47	6/11/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/12/25 19:47	6/11/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/12/25 19:47	6/11/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/12/25 19:47	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/12/25 19:47	6/11/25	
Isophorone	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/12/25 19:47	6/11/25	
Naphthalene	1.2 U	9.8	1.2	1	06/12/25 19:47	6/11/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/12/25 19:47	6/11/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/12/25 19:47	6/11/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/12/25 19:47	6/11/25	
Phenol	1.0 U	9.8	1.0	1	06/12/25 19:47	6/11/25	
Pyrene	1.5 U	9.8	1.5	1	06/12/25 19:47	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	57	31 - 133	06/12/25 19:47	
2-Fluorobiphenyl	40	25 - 99	06/12/25 19:47	
2-Fluorophenol	34	15 - 72	06/12/25 19:47	
Nitrobenzene-d5	50	22 - 104	06/12/25 19:47	
Phenol-d6	24	10 - 55	06/12/25 19:47	
p-Terphenyl-d14	65	10 - 143	06/12/25 19:47	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-010-SG	**Units:**	ug/L
Lab Code:	R2506701-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/12/25 20:11	6/11/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/12/25 20:11	6/11/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/12/25 20:11	6/11/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/12/25 20:11	6/11/25	
2,4-Dinitrophenol	20 U	49	20	1	06/12/25 20:11	6/11/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/12/25 20:11	6/11/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/12/25 20:11	6/11/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/12/25 20:11	6/11/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/12/25 20:11	6/11/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/12/25 20:11	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/12/25 20:11	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/12/25 20:11	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/12/25 20:11	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/12/25 20:11	6/11/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/12/25 20:11	6/11/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/12/25 20:11	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/12/25 20:11	6/11/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/12/25 20:11	6/11/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
Anthracene	1.3 U	9.8	1.3	1	06/12/25 20:11	6/11/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/12/25 20:11	6/11/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/12/25 20:11	6/11/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/12/25 20:11	6/11/25	
Benzoic Acid	36 U	49	36	1	06/12/25 20:11	6/11/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/12/25 20:11	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/12/25 20:11	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/12/25 20:11	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/12/25 20:11	6/11/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/12/25 20:11	6/11/25	
Chrysene	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-010-SG	**Units:**	ug/L
Lab Code:	R2506701-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/12/25 20:11	6/11/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/12/25 20:11	6/11/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/12/25 20:11	6/11/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/12/25 20:11	6/11/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/12/25 20:11	6/11/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/12/25 20:11	6/11/25	
Fluorene	1.3 U	9.8	1.3	1	06/12/25 20:11	6/11/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/12/25 20:11	6/11/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/12/25 20:11	6/11/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/12/25 20:11	6/11/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/12/25 20:11	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/12/25 20:11	6/11/25	
Isophorone	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/12/25 20:11	6/11/25	
Naphthalene	1.2 U	9.8	1.2	1	06/12/25 20:11	6/11/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/12/25 20:11	6/11/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/12/25 20:11	6/11/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/12/25 20:11	6/11/25	
Phenol	1.0 U	9.8	1.0	1	06/12/25 20:11	6/11/25	
Pyrene	1.5 U	9.8	1.5	1	06/12/25 20:11	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	62	31 - 133	06/12/25 20:11	
2-Fluorobiphenyl	38	25 - 99	06/12/25 20:11	
2-Fluorophenol	32	15 - 72	06/12/25 20:11	
Nitrobenzene-d5	47	22 - 104	06/12/25 20:11	
Phenol-d6	22	10 - 55	06/12/25 20:11	
p-Terphenyl-d14	76	10 - 143	06/12/25 20:11	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:15
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-002-JA	**Units:**	ug/L
Lab Code:	R2506701-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/12/25 20:34	6/11/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/12/25 20:34	6/11/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/12/25 20:34	6/11/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/12/25 20:34	6/11/25	
2,4-Dinitrophenol	20 U	49	20	1	06/12/25 20:34	6/11/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/12/25 20:34	6/11/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/12/25 20:34	6/11/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/12/25 20:34	6/11/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/12/25 20:34	6/11/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/12/25 20:34	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/12/25 20:34	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/12/25 20:34	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/12/25 20:34	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/12/25 20:34	6/11/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/12/25 20:34	6/11/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/12/25 20:34	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/12/25 20:34	6/11/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/12/25 20:34	6/11/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
Anthracene	1.3 U	9.8	1.3	1	06/12/25 20:34	6/11/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/12/25 20:34	6/11/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/12/25 20:34	6/11/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/12/25 20:34	6/11/25	
Benzoic Acid	36 U	49	36	1	06/12/25 20:34	6/11/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/12/25 20:34	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/12/25 20:34	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/12/25 20:34	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/12/25 20:34	6/11/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/12/25 20:34	6/11/25	
Chrysene	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:15
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-002-JA	**Units:**	ug/L
Lab Code:	R2506701-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/12/25 20:34	6/11/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/12/25 20:34	6/11/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/12/25 20:34	6/11/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/12/25 20:34	6/11/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/12/25 20:34	6/11/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/12/25 20:34	6/11/25	
Fluorene	1.3 U	9.8	1.3	1	06/12/25 20:34	6/11/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/12/25 20:34	6/11/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/12/25 20:34	6/11/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/12/25 20:34	6/11/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/12/25 20:34	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/12/25 20:34	6/11/25	
Isophorone	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/12/25 20:34	6/11/25	
Naphthalene	1.2 U	9.8	1.2	1	06/12/25 20:34	6/11/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/12/25 20:34	6/11/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/12/25 20:34	6/11/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/12/25 20:34	6/11/25	
Phenol	1.0 U	9.8	1.0	1	06/12/25 20:34	6/11/25	
Pyrene	1.5 U	9.8	1.5	1	06/12/25 20:34	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	71	31 - 133	06/12/25 20:34	
2-Fluorobiphenyl	38	25 - 99	06/12/25 20:34	
2-Fluorophenol	43	15 - 72	06/12/25 20:34	
Nitrobenzene-d5	60	22 - 104	06/12/25 20:34	
Phenol-d6	30	10 - 55	06/12/25 20:34	
p-Terphenyl-d14	76	10 - 143	06/12/25 20:34	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-004-JA	**Units:**	ug/L
Lab Code:	R2506701-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/12/25 20:58	6/11/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/12/25 20:58	6/11/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/12/25 20:58	6/11/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/12/25 20:58	6/11/25	
2,4-Dinitrophenol	20 U	49	20	1	06/12/25 20:58	6/11/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/12/25 20:58	6/11/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/12/25 20:58	6/11/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/12/25 20:58	6/11/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/12/25 20:58	6/11/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/12/25 20:58	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/12/25 20:58	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/12/25 20:58	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/12/25 20:58	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/12/25 20:58	6/11/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/12/25 20:58	6/11/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/12/25 20:58	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/12/25 20:58	6/11/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/12/25 20:58	6/11/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
Anthracene	1.3 U	9.8	1.3	1	06/12/25 20:58	6/11/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/12/25 20:58	6/11/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/12/25 20:58	6/11/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/12/25 20:58	6/11/25	
Benzoic Acid	36 U	49	36	1	06/12/25 20:58	6/11/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/12/25 20:58	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/12/25 20:58	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/12/25 20:58	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/12/25 20:58	6/11/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/12/25 20:58	6/11/25	
Chrysene	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-004-JA	**Units:**	ug/L
Lab Code:	R2506701-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/12/25 20:58	6/11/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/12/25 20:58	6/11/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/12/25 20:58	6/11/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/12/25 20:58	6/11/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/12/25 20:58	6/11/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/12/25 20:58	6/11/25	
Fluorene	1.3 U	9.8	1.3	1	06/12/25 20:58	6/11/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/12/25 20:58	6/11/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/12/25 20:58	6/11/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/12/25 20:58	6/11/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/12/25 20:58	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/12/25 20:58	6/11/25	
Isophorone	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/12/25 20:58	6/11/25	
Naphthalene	1.2 U	9.8	1.2	1	06/12/25 20:58	6/11/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/12/25 20:58	6/11/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/12/25 20:58	6/11/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/12/25 20:58	6/11/25	
Phenol	1.0 U	9.8	1.0	1	06/12/25 20:58	6/11/25	
Pyrene	1.5 U	9.8	1.5	1	06/12/25 20:58	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	64	31 - 133	06/12/25 20:58	
2-Fluorobiphenyl	41	25 - 99	06/12/25 20:58	
2-Fluorophenol	36	15 - 72	06/12/25 20:58	
Nitrobenzene-d5	52	22 - 104	06/12/25 20:58	
Phenol-d6	26	10 - 55	06/12/25 20:58	
p-Terphenyl-d14	86	10 - 143	06/12/25 20:58	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:30
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-006-JA	**Units:**	ug/L
Lab Code:	R2506701-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/12/25 21:22	6/11/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/12/25 21:22	6/11/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/12/25 21:22	6/11/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/12/25 21:22	6/11/25	
2,4-Dinitrophenol	20 U	49	20	1	06/12/25 21:22	6/11/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/12/25 21:22	6/11/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/12/25 21:22	6/11/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/12/25 21:22	6/11/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/12/25 21:22	6/11/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/12/25 21:22	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/12/25 21:22	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/12/25 21:22	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/12/25 21:22	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/12/25 21:22	6/11/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/12/25 21:22	6/11/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/12/25 21:22	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/12/25 21:22	6/11/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/12/25 21:22	6/11/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
Anthracene	1.3 U	9.8	1.3	1	06/12/25 21:22	6/11/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/12/25 21:22	6/11/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/12/25 21:22	6/11/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/12/25 21:22	6/11/25	
Benzoic Acid	36 U	49	36	1	06/12/25 21:22	6/11/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/12/25 21:22	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/12/25 21:22	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/12/25 21:22	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/12/25 21:22	6/11/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/12/25 21:22	6/11/25	
Chrysene	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:30
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-006-JA	**Units:**	ug/L
Lab Code:	R2506701-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/12/25 21:22	6/11/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/12/25 21:22	6/11/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/12/25 21:22	6/11/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/12/25 21:22	6/11/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/12/25 21:22	6/11/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/12/25 21:22	6/11/25	
Fluorene	1.3 U	9.8	1.3	1	06/12/25 21:22	6/11/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/12/25 21:22	6/11/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/12/25 21:22	6/11/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/12/25 21:22	6/11/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/12/25 21:22	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/12/25 21:22	6/11/25	
Isophorone	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/12/25 21:22	6/11/25	
Naphthalene	1.2 U	9.8	1.2	1	06/12/25 21:22	6/11/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/12/25 21:22	6/11/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/12/25 21:22	6/11/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/12/25 21:22	6/11/25	
Phenol	1.0 U	9.8	1.0	1	06/12/25 21:22	6/11/25	
Pyrene	1.5 U	9.8	1.5	1	06/12/25 21:22	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	92	31 - 133	06/12/25 21:22	
2-Fluorobiphenyl	49	25 - 99	06/12/25 21:22	
2-Fluorophenol	40	15 - 72	06/12/25 21:22	
Nitrobenzene-d5	62	22 - 104	06/12/25 21:22	
Phenol-d6	28	10 - 55	06/12/25 21:22	
p-Terphenyl-d14	71	10 - 143	06/12/25 21:22	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 09:05
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-001-SG	**Units:**	ug/L
Lab Code:	R2506701-001	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Aldrin	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Dieldrin	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Endrin	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Heptachlor	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
Toxaphene	0.50 U	0.50	0.50	1	06/19/25 01:57	6/12/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
beta-BHC	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
delta-BHC	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/19/25 01:57	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	19	10 - 111	06/19/25 01:57	
Tetrachloro-m-xylene	42	10 - 101	06/19/25 01:57	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:10
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-003-SG	**Units:**	ug/L
Lab Code:	R2506701-002	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Aldrin	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Dieldrin	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Endrin	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Heptachlor	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
Toxaphene	0.50 U	0.50	0.50	1	06/19/25 02:32	6/12/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
beta-BHC	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
delta-BHC	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/19/25 02:32	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 111	06/19/25 02:32	
Tetrachloro-m-xylene	49	10 - 101	06/19/25 02:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-005-SG	**Units:**	ug/L
Lab Code:	R2506701-003	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Aldrin	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Dieldrin	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Endrin	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Heptachlor	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
Toxaphene	0.50 U	0.50	0.50	1	06/18/25 21:30	6/12/25	
alpha-BHC	**0.043 J**	0.049	0.020	1	06/18/25 21:30	6/12/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
beta-BHC	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	
delta-BHC	**0.025 J**	0.049	0.020	1	06/18/25 21:30	6/12/25	
gamma-BHC (Lindane)	**0.043 J**	0.049	0.020	1	06/18/25 21:30	6/12/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/18/25 21:30	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 111	06/18/25 21:30	
Tetrachloro-m-xylene	54	10 - 101	06/18/25 21:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-007-SG	**Units:**	ug/L
Lab Code:	R2506701-004	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Aldrin	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Dieldrin	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Endrin	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Heptachlor	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
Toxaphene	0.50 U	0.50	0.50	1	06/19/25 02:50	6/12/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
beta-BHC	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
delta-BHC	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/19/25 02:50	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	29	10 - 111	06/19/25 02:50	
Tetrachloro-m-xylene	47	10 - 101	06/19/25 02:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-010-SG	**Units:**	ug/L
Lab Code:	R2506701-005	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Aldrin	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Dieldrin	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Endrin	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Heptachlor	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
Toxaphene	0.50 U	0.50	0.50	1	06/19/25 03:08	6/12/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
beta-BHC	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
delta-BHC	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/19/25 03:08	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	27	10 - 111	06/19/25 03:08	
Tetrachloro-m-xylene	45	10 - 101	06/19/25 03:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:15
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-002-JA	**Units:**	ug/L
Lab Code:	R2506701-006	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Aldrin	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Dieldrin	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Endrin	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Heptachlor	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
Toxaphene	0.50 U	0.50	0.50	1	06/19/25 03:26	6/12/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
beta-BHC	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
delta-BHC	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/19/25 03:26	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	16	10 - 111	06/19/25 03:26	
Tetrachloro-m-xylene	47	10 - 101	06/19/25 03:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-004-JA	**Units:**	ug/L
Lab Code:	R2506701-007	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Aldrin	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Dieldrin	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Endrin	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Heptachlor	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
Toxaphene	0.50 U	0.50	0.50	1	06/18/25 21:48	6/12/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
beta-BHC	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
delta-BHC	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/18/25 21:48	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	36	10 - 111	06/18/25 21:48	
Tetrachloro-m-xylene	45	10 - 101	06/18/25 21:48	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:30
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-006-JA	**Units:**	ug/L
Lab Code:	R2506701-008	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Aldrin	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Dieldrin	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Endrin	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Heptachlor	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
Toxaphene	0.50 U	0.50	0.50	1	06/18/25 22:06	6/12/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
beta-BHC	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
delta-BHC	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/18/25 22:06	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	37	10 - 111	06/18/25 22:06	
Tetrachloro-m-xylene	45	10 - 101	06/18/25 22:06	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 09:05
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-001-SG	**Units:**	ug/L
Lab Code:	R2506701-001	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/17/25 17:33	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/17/25 17:33	6/12/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/17/25 17:33	6/12/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/17/25 17:33	6/12/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/17/25 17:33	6/12/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/17/25 17:33	6/12/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/17/25 17:33	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	20	10 - 118	06/17/25 17:33	
Tetrachloro-m-xylene	39	10 - 103	06/17/25 17:33	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:10
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-003-SG	**Units:**	ug/L
Lab Code:	R2506701-002	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/17/25 17:46	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/17/25 17:46	6/12/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/17/25 17:46	6/12/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/17/25 17:46	6/12/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/17/25 17:46	6/12/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/17/25 17:46	6/12/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/17/25 17:46	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10 - 118	06/17/25 17:46	
Tetrachloro-m-xylene	51	10 - 103	06/17/25 17:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-005-SG	**Units:**	ug/L
Lab Code:	R2506701-003	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/16/25 18:52	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/16/25 18:52	6/12/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/16/25 18:52	6/12/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/16/25 18:52	6/12/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/16/25 18:52	6/12/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/16/25 18:52	6/12/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/16/25 18:52	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 118	06/16/25 18:52	
Tetrachloro-m-xylene	45	10 - 103	06/16/25 18:52	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-007-SG	**Units:**	ug/L
Lab Code:	R2506701-004	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/17/25 18:00	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/17/25 18:00	6/12/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/17/25 18:00	6/12/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/17/25 18:00	6/12/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/17/25 18:00	6/12/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/17/25 18:00	6/12/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/17/25 18:00	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	31	10 - 118	06/17/25 18:00	
Tetrachloro-m-xylene	42	10 - 103	06/17/25 18:00	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:50
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-010-SG	**Units:**	ug/L
Lab Code:	R2506701-005	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/17/25 18:13	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/17/25 18:13	6/12/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/17/25 18:13	6/12/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/17/25 18:13	6/12/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/17/25 18:13	6/12/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/17/25 18:13	6/12/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/17/25 18:13	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	30	10 - 118	06/17/25 18:13	
Tetrachloro-m-xylene	41	10 - 103	06/17/25 18:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 10:15
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-002-JA	**Units:**	ug/L
Lab Code:	R2506701-006	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/17/25 18:27	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/17/25 18:27	6/12/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/17/25 18:27	6/12/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/17/25 18:27	6/12/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/17/25 18:27	6/12/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/17/25 18:27	6/12/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/17/25 18:27	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	18	10 - 118	06/17/25 18:27	
Tetrachloro-m-xylene	42	10 - 103	06/17/25 18:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 11:20
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-004-JA	**Units:**	ug/L
Lab Code:	R2506701-007	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/16/25 19:46	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/16/25 19:46	6/12/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/16/25 19:46	6/12/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/16/25 19:46	6/12/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/16/25 19:46	6/12/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/16/25 19:46	6/12/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/16/25 19:46	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	37	10 - 118	06/16/25 19:46	
Tetrachloro-m-xylene	41	10 - 103	06/16/25 19:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/09/25 12:30
Sample Matrix:	Water	**Date Received:**	06/10/25 10:40
Sample Name:	WG-TR1045-060925-006-JA	**Units:**	ug/L
Lab Code:	R2506701-008	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/16/25 20:13	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/16/25 20:13	6/12/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/16/25 20:13	6/12/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/16/25 20:13	6/12/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/16/25 20:13	6/12/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/16/25 20:13	6/12/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/16/25 20:13	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	34	10 - 118	06/16/25 20:13	
Tetrachloro-m-xylene	38	10 - 103	06/16/25 20:13	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506701

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
WG-TR1045-060925-001-SG	R2506701-001	103	100	100
WG-TR1045-060925-003-SG	R2506701-002	107	103	103
WG-TR1045-060925-005-SG	R2506701-003	110	99	101
WG-TR1045-060925-007-SG	R2506701-004	97	99	100
WG-TR1045-060925-010-SG	R2506701-005	105	99	101
WG-TR1045-060925-002-JA	R2506701-006	100	101	101
WG-TR1045-060925-004-JA	R2506701-007	109	101	102
WG-TR1045-060925-006-JA	R2506701-008	104	100	102
LCANNUALTRIP-060925	R2506701-009	107	101	103
Lab Control Sample	RQ2507377-02	106	106	102
Method Blank	RQ2507377-03	108	102	102
Lab Control Sample	RQ2507489-02	104	104	102
Duplicate Lab Control Sample	RQ2507489-03	100	105	103
Method Blank	RQ2507489-04	99	98	98

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507377-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/17/25 13:57	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/17/25 13:57	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/17/25 13:57	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/17/25 13:57	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/17/25 13:57	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/17/25 13:57	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/17/25 13:57	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/17/25 13:57	
2-Hexanone	0.20 U	5.0	0.20	1	06/17/25 13:57	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/17/25 13:57	
Acetone	5.0 U	5.0	5.0	1	06/17/25 13:57	
Benzene	0.20 U	1.0	0.20	1	06/17/25 13:57	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/17/25 13:57	
Bromoform	0.25 U	1.0	0.25	1	06/17/25 13:57	
Bromomethane	0.70 U	1.0	0.70	1	06/17/25 13:57	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/17/25 13:57	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/17/25 13:57	
Chlorobenzene	0.20 U	1.0	0.20	1	06/17/25 13:57	
Chloroethane	0.23 U	1.0	0.23	1	06/17/25 13:57	
Chloroform	0.51 U	1.0	0.51	1	06/17/25 13:57	
Chloromethane	0.40 U	1.0	0.40	1	06/17/25 13:57	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/17/25 13:57	
Dichloromethane	0.65 U	1.0	0.65	1	06/17/25 13:57	
Ethylbenzene	0.20 U	1.0	0.20	1	06/17/25 13:57	
Styrene	0.20 U	1.0	0.20	1	06/17/25 13:57	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/17/25 13:57	
Toluene	0.20 U	1.0	0.20	1	06/17/25 13:57	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/17/25 13:57	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/17/25 13:57	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/17/25 13:57	
Xylenes, Total	0.23 U	3.0	0.23	1	06/17/25 13:57	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/17/25 13:57	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/17/25 13:57	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/17/25 13:57	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/17/25 13:57	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507377-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	06/17/25 13:57	
Dibromofluoromethane	102	80 - 116	06/17/25 13:57	
Toluene-d8	102	87 - 121	06/17/25 13:57	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507377-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507489-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/19/25 02:44	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/19/25 02:44	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/19/25 02:44	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/19/25 02:44	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/19/25 02:44	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/19/25 02:44	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/19/25 02:44	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/19/25 02:44	
2-Hexanone	0.20 U	5.0	0.20	1	06/19/25 02:44	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/19/25 02:44	
Acetone	5.0 U	5.0	5.0	1	06/19/25 02:44	
Benzene	0.20 U	1.0	0.20	1	06/19/25 02:44	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/19/25 02:44	
Bromoform	0.25 U	1.0	0.25	1	06/19/25 02:44	
Bromomethane	0.70 U	1.0	0.70	1	06/19/25 02:44	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/19/25 02:44	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/19/25 02:44	
Chlorobenzene	0.20 U	1.0	0.20	1	06/19/25 02:44	
Chloroethane	0.23 U	1.0	0.23	1	06/19/25 02:44	
Chloroform	0.51 U	1.0	0.51	1	06/19/25 02:44	
Chloromethane	0.40 U	1.0	0.40	1	06/19/25 02:44	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/19/25 02:44	
Dichloromethane	0.65 U	1.0	0.65	1	06/19/25 02:44	
Ethylbenzene	0.20 U	1.0	0.20	1	06/19/25 02:44	
Styrene	0.20 U	1.0	0.20	1	06/19/25 02:44	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/19/25 02:44	
Toluene	0.20 U	1.0	0.20	1	06/19/25 02:44	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/19/25 02:44	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/19/25 02:44	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/19/25 02:44	
Xylenes, Total	0.23 U	3.0	0.23	1	06/19/25 02:44	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/19/25 02:44	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/19/25 02:44	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/19/25 02:44	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/19/25 02:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507489-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/19/25 02:44	
Dibromofluoromethane	98	80 - 116	06/19/25 02:44	
Toluene-d8	98	87 - 121	06/19/25 02:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507489-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506701
Date Analyzed: 06/17/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507377-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	19.2	20.0	96	75-125
1,1,2,2-Tetrachloroethane	8260D	19.0	20.0	95	78-126
1,1,2-Trichloroethane	8260D	19.2	20.0	96	82-121
1,1-Dichloroethane (1,1-DCA)	8260D	19.5	20.0	97	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	17.7	20.0	88	71-118
1,2-Dichloroethane	8260D	19.0	20.0	95	71-127
1,2-Dichloropropane	8260D	18.0	20.0	90	80-119
2-Butanone (MEK)	8260D	19.5	20.0	97	61-137
2-Hexanone	8260D	17.1	20.0	86	63-124
4-Methyl-2-pentanone	8260D	19.2	20.0	96	66-124
Acetone	8260D	16.2	20.0	81	40-161
Benzene	8260D	18.4	20.0	92	79-119
Bromodichloromethane	8260D	19.6	20.0	98	81-123
Bromoform	8260D	22.3	20.0	112	65-146
Bromomethane	8260D	27.0	20.0	135	42-166
Carbon Disulfide	8260D	16.5	20.0	83	66-128
Carbon Tetrachloride	8260D	19.0	20.0	95	70-127
Chlorobenzene	8260D	18.6	20.0	93	80-121
Chloroethane	8260D	18.3	20.0	92	62-131
Chloroform	8260D	18.9	20.0	94	79-120
Chloromethane	8260D	20.0	20.0	100	61-143
Dibromochloromethane	8260D	22.2	20.0	111	72-128
Dichloromethane	8260D	20.0	20.0	100	73-122
Ethylbenzene	8260D	19.2	20.0	96	76-120
Styrene	8260D	19.9	20.0	99	80-124
Tetrachloroethene (PCE)	8260D	18.8	20.0	94	72-125
Toluene	8260D	19.3	20.0	96	79-119
Trichloroethene (TCE)	8260D	18.8	20.0	94	74-122
Vinyl Acetate	8260D	21.2	20.0	106	52-174
Vinyl Chloride	8260D	18.6	20.0	93	74-159
Xylenes, Total	8260D	57.9	60.0	97	78-121
cis-1,2-Dichloroethene	8260D	19.4	20.0	97	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506701
Date Analyzed: 06/17/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507377-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260D	20.1	20.0	101	77-122
trans-1,2-Dichloroethene	8260D	19.7	20.0	98	73-118
trans-1,3-Dichloropropene	8260D	22.5	20.0	113	71-133

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506701
Date Analyzed: 06/19/25

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507489-02			RQ2507489-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	8260D	18.6	20.0	93	18.8	20.0	94	75-125	1	30
1,1,2,2-Tetrachloroethane	8260D	18.9	20.0	95	20.4	20.0	102	78-126	7	30
1,1,2-Trichloroethane	8260D	19.5	20.0	97	20.9	20.0	105	82-121	7	30
1,1-Dichloroethane (1,1-DCA)	8260D	19.4	20.0	97	19.6	20.0	98	80-124	1	30
1,1-Dichloroethene (1,1-DCE)	8260D	17.4	20.0	87	17.8	20.0	89	71-118	3	30
1,2-Dichloroethane	8260D	19.1	20.0	95	20.0	20.0	100	71-127	5	30
1,2-Dichloropropane	8260D	18.2	20.0	91	18.9	20.0	95	80-119	4	30
2-Butanone (MEK)	8260D	23.5	20.0	117	22.9	20.0	115	61-137	2	30
2-Hexanone	8260D	23.0	20.0	115	22.6	20.0	113	63-124	2	30
4-Methyl-2-pentanone	8260D	23.1	20.0	116	23.5	20.0	118	66-124	2	30
Acetone	8260D	18.9	20.0	95	19.6	20.0	98	40-161	4	30
Benzene	8260D	18.2	20.0	91	19.3	20.0	96	79-119	6	30
Bromodichloromethane	8260D	19.2	20.0	96	20.0	20.0	100	81-123	4	30
Bromoform	8260D	21.5	20.0	107	22.6	20.0	113	65-146	5	30
Bromomethane	8260D	16.2	20.0	81	16.5	20.0	83	42-166	2	30
Carbon Disulfide	8260D	19.9	20.0	100	19.0	20.0	95	66-128	5	30
Carbon Tetrachloride	8260D	17.1	20.0	85	18.4	20.0	92	70-127	7	30
Chlorobenzene	8260D	18.6	20.0	93	19.4	20.0	97	80-121	4	30
Chloroethane	8260D	19.1	20.0	95	19.1	20.0	95	62-131	<1	30
Chloroform	8260D	18.8	20.0	94	19.1	20.0	96	79-120	2	30
Chloromethane	8260D	18.8	20.0	94	19.4	20.0	97	61-143	3	30
Dibromochloromethane	8260D	21.4	20.0	107	22.1	20.0	111	72-128	3	30
Dichloromethane	8260D	19.8	20.0	99	20.6	20.0	103	73-122	4	30
Ethylbenzene	8260D	19.3	20.0	97	20.2	20.0	101	76-120	5	30
Styrene	8260D	19.4	20.0	97	20.2	20.0	101	80-124	4	30
Tetrachloroethene (PCE)	8260D	18.4	20.0	92	18.7	20.0	94	72-125	1	30
Toluene	8260D	18.7	20.0	94	19.9	20.0	99	79-119	6	30
Trichloroethene (TCE)	8260D	18.2	20.0	91	19.2	20.0	96	74-122	6	30
Vinyl Acetate	8260D	21.8	20.0	109	22.3	20.0	112	52-174	2	30
Vinyl Chloride	8260D	19.1	20.0	95	18.2	20.0	91	74-159	5	30
Xylenes, Total	8260D	57.7	60.0	96	60.1	60.0	100	78-121	4	30
cis-1,2-Dichloroethene	8260D	18.2	20.0	91	19.1	20.0	95	80-121	4	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506701
Date Analyzed: 06/19/25

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507489-02			RQ2507489-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
cis-1,3-Dichloropropene	8260D	18.8	20.0	94	20.4	20.0	102	77-122	8	30
trans-1,2-Dichloroethene	8260D	19.0	20.0	95	19.5	20.0	98	73-118	3	30
trans-1,3-Dichloropropene	8260D	21.7	20.0	108	22.2	20.0	111	71-133	2	30

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506701

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-060925-001-SG	R2506701-001	56	32	32
WG-TR1045-060925-003-SG	R2506701-002	52	30	29
WG-TR1045-060925-005-SG	R2506701-003	48	31	28
WG-TR1045-060925-007-SG	R2506701-004	57	40	34
WG-TR1045-060925-010-SG	R2506701-005	62	38	32
WG-TR1045-060925-002-JA	R2506701-006	71	38	43
WG-TR1045-060925-004-JA	R2506701-007	64	41	36
WG-TR1045-060925-006-JA	R2506701-008	92	49	40
Method Blank	RQ2507066-01	110	69	57
Lab Control Sample	RQ2507066-02	111	68	55
Duplicate Lab Control Sample	RQ2507066-03	106	69	54

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506701

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E

Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-060925-001-SG	R2506701-001	47	22	62
WG-TR1045-060925-003-SG	R2506701-002	43	20	73
WG-TR1045-060925-005-SG	R2506701-003	41	19	47
WG-TR1045-060925-007-SG	R2506701-004	50	24	65
WG-TR1045-060925-010-SG	R2506701-005	47	22	76
WG-TR1045-060925-002-JA	R2506701-006	60	30	76
WG-TR1045-060925-004-JA	R2506701-007	52	26	86
WG-TR1045-060925-006-JA	R2506701-008	62	28	71
Method Blank	RQ2507066-01	83	41	101
Lab Control Sample	RQ2507066-02	76	41	97
Duplicate Lab Control Sample	RQ2507066-03	77	39	98

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507066-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	
1,2-Dichlorobenzene	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	
1,3-Dichlorobenzene	1.1 U	10	1.1	1	06/12/25 15:48	6/11/25	
1,4-Dichlorobenzene	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	
2,4,5-Trichlorophenol	1.1 U	10	1.1	1	06/12/25 15:48	6/11/25	
2,4,6-Trichlorophenol	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
2,4-Dichlorophenol	1.3 U	10	1.3	1	06/12/25 15:48	6/11/25	
2,4-Dimethylphenol	4.3 U	10	4.3	1	06/12/25 15:48	6/11/25	
2,4-Dinitrophenol	20 U	50	20	1	06/12/25 15:48	6/11/25	
2,4-Dinitrotoluene	2.4 U	10	2.4	1	06/12/25 15:48	6/11/25	
2,6-Dinitrotoluene	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
2-Chloronaphthalene	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
2-Chlorophenol	1.1 U	10	1.1	1	06/12/25 15:48	6/11/25	
2-Methylnaphthalene	1.3 U	10	1.3	1	06/12/25 15:48	6/11/25	
2-Methylphenol	1.0 U	10	1.0	1	06/12/25 15:48	6/11/25	
2-Nitroaniline	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
2-Nitrophenol	1.5 U	10	1.5	1	06/12/25 15:48	6/11/25	
3,3'-Dichlorobenzidine	2.7 U	10	2.7	1	06/12/25 15:48	6/11/25	
3- and 4-Methylphenol Coelution	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	
3-Nitroaniline	2.8 U	10	2.8	1	06/12/25 15:48	6/11/25	
4,6-Dinitro-2-methylphenol	8.7 U	50	8.7	1	06/12/25 15:48	6/11/25	
4-Bromophenyl Phenyl Ether	1.7 U	10	1.7	1	06/12/25 15:48	6/11/25	
4-Chloro-3-methylphenol	1.1 U	10	1.1	1	06/12/25 15:48	6/11/25	
4-Chloroaniline	2.6 U	10	2.6	1	06/12/25 15:48	6/11/25	
4-Chlorophenyl Phenyl Ether	1.5 U	10	1.5	1	06/12/25 15:48	6/11/25	
4-Nitroaniline	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
4-Nitrophenol	6.4 U	50	6.4	1	06/12/25 15:48	6/11/25	
Acenaphthene	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
Acenaphthylene	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
Anthracene	1.3 U	10	1.3	1	06/12/25 15:48	6/11/25	
Benz(a)anthracene	1.6 U	10	1.6	1	06/12/25 15:48	6/11/25	
Benzo(a)pyrene	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	
Benzo(b)fluoranthene	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	
Benzo(g,h,i)perylene	2.1 U	10	2.1	1	06/12/25 15:48	6/11/25	
Benzo(k)fluoranthene	1.3 U	10	1.3	1	06/12/25 15:48	6/11/25	
Benzoic Acid	36 U	50	36	1	06/12/25 15:48	6/11/25	
Benzyl Alcohol	1.6 U	10	1.6	1	06/12/25 15:48	6/11/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
Bis(2-chloroethoxy)methane	1.9 U	10	1.9	1	06/12/25 15:48	6/11/25	
Bis(2-chloroethyl) Ether	1.3 U	10	1.3	1	06/12/25 15:48	6/11/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	10	4.3	1	06/12/25 15:48	6/11/25	
Butyl Benzyl Phthalate	2.9 U	10	2.9	1	06/12/25 15:48	6/11/25	
Chrysene	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507066-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	10	1.7	1	06/12/25 15:48	6/11/25	
Di-n-octyl Phthalate	3.3 U	10	3.3	1	06/12/25 15:48	6/11/25	
Dibenz(a,h)anthracene	1.1 U	10	1.1	1	06/12/25 15:48	6/11/25	
Dibenzofuran	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
Diethyl Phthalate	1.1 U	10	1.1	1	06/12/25 15:48	6/11/25	
Dimethyl Phthalate	1.3 U	10	1.3	1	06/12/25 15:48	6/11/25	
Fluoranthene	1.5 U	10	1.5	1	06/12/25 15:48	6/11/25	
Fluorene	1.3 U	10	1.3	1	06/12/25 15:48	6/11/25	
Hexachlorobenzene	1.6 U	10	1.6	1	06/12/25 15:48	6/11/25	
Hexachlorobutadiene	2.2 U	10	2.2	1	06/12/25 15:48	6/11/25	
Hexachlorocyclopentadiene	2.2 U	10	2.2	1	06/12/25 15:48	6/11/25	
Hexachloroethane	1.1 U	10	1.1	1	06/12/25 15:48	6/11/25	
Indeno(1,2,3-cd)pyrene	1.8 U	10	1.8	1	06/12/25 15:48	6/11/25	
Isophorone	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
N-Nitrosodi-n-propylamine	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	
N-Nitrosodiphenylamine	6.3 U	10	6.3	1	06/12/25 15:48	6/11/25	
Naphthalene	1.2 U	10	1.2	1	06/12/25 15:48	6/11/25	
Nitrobenzene	1.5 U	10	1.5	1	06/12/25 15:48	6/11/25	
Pentachlorophenol (PCP)	9.7 U	50	9.7	1	06/12/25 15:48	6/11/25	
Phenanthrene	1.4 U	10	1.4	1	06/12/25 15:48	6/11/25	
Phenol	1.0 U	10	1.0	1	06/12/25 15:48	6/11/25	
Pyrene	1.5 U	10	1.5	1	06/12/25 15:48	6/11/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	110	31 - 133	06/12/25 15:48	
2-Fluorobiphenyl	69	25 - 99	06/12/25 15:48	
2-Fluorophenol	57	15 - 72	06/12/25 15:48	
Nitrobenzene-d5	83	22 - 104	06/12/25 15:48	
Phenol-d6	41	10 - 55	06/12/25 15:48	
p-Terphenyl-d14	101	10 - 143	06/12/25 15:48	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506701
Date Analyzed: 06/12/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507066-02			RQ2507066-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270E	37.0	80.0	46	42.1	80.0	53	26-85	13	30
1,2-Dichlorobenzene	8270E	36.3	80.0	45	41.1	80.0	51	20-85	12	30
1,3-Dichlorobenzene	8270E	34.7	80.0	43	40.1	80.0	50	18-83	14	30
1,4-Dichlorobenzene	8270E	35.7	80.0	45	40.8	80.0	51	18-82	13	30
2,4,5-Trichlorophenol	8270E	75.1	80.0	94	69.9	80.0	87	55-114	7	30
2,4,6-Trichlorophenol	8270E	73.2	80.0	92	67.9	80.0	85	49-103	8	30
2,4-Dichlorophenol	8270E	65.7	80.0	82	61.5	80.0	77	43-101	7	30
2,4-Dimethylphenol	8270E	62.9	80.0	79	58.4	80.0	73	45-129	8	30
2,4-Dinitrophenol	8270E	77.9	80.0	97	69.9	80.0	87	14-129	11	30
2,4-Dinitrotoluene	8270E	93.1	80.0	116	88.8	80.0	111	58-124	5	30
2,6-Dinitrotoluene	8270E	86.4	80.0	108	81.1	80.0	101	62-126	6	30
2-Chloronaphthalene	8270E	46.4	80.0	58	49.0	80.0	61	38-97	5	30
2-Chlorophenol	8270E	60.5	80.0	76	57.0	80.0	71	33-93	6	30
2-Methylnaphthalene	8270E	39.0	80.0	49	42.0	80.0	53	35-94	8	30
2-Methylphenol	8270E	63.9	80.0	80	60.5	80.0	76	41-97	6	30
2-Nitroaniline	8270E	82.6	80.0	103	76.4	80.0	96	56-122	8	30
2-Nitrophenol	8270E	71.5	80.0	89	71.1	80.0	89	36-101	<1	30
3- and 4-Methylphenol Coelution	8270E	63.9	80.0	80	57.9	80.0	72	40-92	10	30
3-Nitroaniline	8270E	89.8	80.0	112	82.5	80.0	103	52-115	8	30
4,6-Dinitro-2-methylphenol	8270E	93.4	80.0	117	86.2	80.0	108	31-119	8	30
4-Bromophenyl Phenyl Ether	8270E	57.2	80.0	72	55.8	80.0	70	54-123	2	30
4-Chloro-3-methylphenol	8270E	69.6	80.0	87	63.6	80.0	79	52-104	9	30
4-Chloroaniline	8270E	74.4	80.0	93	68.2	80.0	85	43-113	9	30
4-Chlorophenyl Phenyl Ether	8270E	52.6	80.0	66	53.1	80.0	66	52-113	<1	30
4-Nitroaniline	8270E	82.0	80.0	102	76.4	80.0	96	54-118	7	30
4-Nitrophenol	8270E	45.9 J	80.0	57	41.5 J	80.0	52	16-64	10	30
Acenaphthene	8270E	48.8	80.0	61	51.8	80.0	65	46-103	6	30
Acenaphthylene	8270E	53.4	80.0	67	55.5	80.0	69	51-114	4	30
Anthracene	8270E	68.2	80.0	85	65.3	80.0	82	61-115	4	30
Benz(a)anthracene	8270E	70.5	80.0	88	67.5	80.0	84	60-110	4	30
Benzo(a)pyrene	8270E	80.3	80.0	100	77.4	80.0	97	68-137	4	30
Benzo(b)fluoranthene	8270E	68.8	80.0	86	66.1	80.0	83	59-114	4	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506701
Date Analyzed: 06/12/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507066-02			RQ2507066-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270E	77.7	80.0	97	75.8	80.0	95	60-123	2	30
Benzo(k)fluoranthene	8270E	76.6	80.0	96	73.9	80.0	92	62-122	4	30
Benzoic Acid	8270E	45.9 J	80.0	57	39.9 J	80.0	50	10-110	14	30
Benzyl Alcohol	8270E	67.1	80.0	84	60.4	80.0	76	46-106	10	30
2,2'-Oxybis(1-chloropropane)	8270E	48.1	80.0	60	47.5	80.0	59	32-104	1	30
Bis(2-chloroethoxy)methane	8270E	63.3	80.0	79	61.2	80.0	76	55-126	3	30
Bis(2-chloroethyl) Ether	8270E	56.4	80.0	71	55.6	80.0	69	36-101	1	30
Bis(2-ethylhexyl) Phthalate	8270E	72.3	80.0	90	70.2	80.0	88	51-132	3	30
Butyl Benzyl Phthalate	8270E	70.9	80.0	89	66.7	80.0	83	54-122	6	30
Chrysene	8270E	71.8	80.0	90	68.4	80.0	86	64-116	5	30
Di-n-butyl Phthalate	8270E	74.1	80.0	93	68.9	80.0	86	61-147	7	30
Di-n-octyl Phthalate	8270E	73.5	80.0	92	70.6	80.0	88	43-139	4	30
Dibenz(a,h)anthracene	8270E	78.6	80.0	98	77.4	80.0	97	34-140	2	30
Dibenzofuran	8270E	52.7	80.0	66	54.8	80.0	68	50-107	4	30
Diethyl Phthalate	8270E	72.2	80.0	90	68.6	80.0	86	57-113	5	30
Dimethyl Phthalate	8270E	71.6	80.0	89	67.0	80.0	84	64-114	7	30
Fluoranthene	8270E	72.2	80.0	90	66.5	80.0	83	58-129	8	30
Fluorene	8270E	56.8	80.0	71	57.2	80.0	71	54-111	<1	30
Hexachlorobenzene	8270E	63.6	80.0	80	60.7	80.0	76	54-122	5	30
Hexachlorobutadiene	8270E	36.4	80.0	45	40.4	80.0	51	25-89	11	30
Hexachlorocyclopentadiene	8270E	19.5	80.0	24	22.0	80.0	27	10-71	12	30
Hexachloroethane	8270E	33.7	80.0	42	39.2	80.0	49	16-81	15	30
Indeno(1,2,3-cd)pyrene	8270E	79.5	80.0	99	78.2	80.0	98	54-119	2	30
Isophorone	8270E	64.3	80.0	80	60.0	80.0	75	51-108	7	30
N-Nitrosodi-n-propylamine	8270E	63.0	80.0	79	59.0	80.0	74	44-101	7	30
N-Nitrosodiphenylamine	8270E	76.1	80.0	95	71.1	80.0	89	65-126	7	30
Naphthalene	8270E	42.8	80.0	54	47.0	80.0	59	32-91	9	30
Nitrobenzene	8270E	59.7	80.0	75	59.4	80.0	74	39-100	<1	30
Pentachlorophenol (PCP)	8270E	53.7	80.0	67	49.2 J	80.0	62	11-154	9	30
Phenanthrene	8270E	61.2	80.0	76	59.3	80.0	74	60-111	3	30
Phenol	8270E	41.1	80.0	51	37.0	80.0	46	10-67	10	30
Pyrene	8270E	68.6	80.0	86	65.3	80.0	82	62-111	5	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506701

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B

Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 111	Tetrachloro-m-xylene 10 - 101
WG-TR1045-060925-001-SG	R2506701-001	19	42
WG-TR1045-060925-003-SG	R2506701-002	50	49 P
WG-TR1045-060925-005-SG	R2506701-003	44	54
WG-TR1045-060925-007-SG	R2506701-004	29	47
WG-TR1045-060925-010-SG	R2506701-005	27	45
WG-TR1045-060925-002-JA	R2506701-006	16	47
WG-TR1045-060925-004-JA	R2506701-007	36	45
WG-TR1045-060925-006-JA	R2506701-008	37	45
Lab Control Sample	RQ2507135-02	53	53
Lab Control Sample	RQ2507135-02	55	54
Duplicate Lab Control Sample	RQ2507135-03	53	61
Duplicate Lab Control Sample	RQ2507135-03	54	61
Method Blank	RQ2507135-09	56	52
Method Blank	RQ2507135-09	58	53

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507135-09	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
4,4'-DDE	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
4,4'-DDT	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Aldrin	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Dieldrin	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Endosulfan I	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Endosulfan II	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Endosulfan Sulfate	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Endrin	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Endrin Ketone	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Heptachlor	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Heptachlor Epoxide	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Methoxychlor	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
Toxaphene	0.50	U	0.50	0.50	1	06/18/25 20:37	6/12/25	
alpha-BHC	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
alpha-Chlordane	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
beta-BHC	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
delta-BHC	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
gamma-BHC (Lindane)	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	
gamma-Chlordane	0.020	U	0.050	0.020	1	06/18/25 20:37	6/12/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507135-09	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10 - 111	06/18/25 20:37	
Tetrachloro-m-xylene	52	10 - 101	06/18/25 20:37	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507135-09	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
4,4'-DDE	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
4,4'-DDT	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Aldrin	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Dieldrin	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Endosulfan I	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Endosulfan II	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Endosulfan Sulfate	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Endrin	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Endrin Ketone	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Heptachlor	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Heptachlor Epoxide	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Methoxychlor	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
Toxaphene	0.50	U	0.50	0.50	1	06/19/25 01:03	6/12/25	
alpha-BHC	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
alpha-Chlordane	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
beta-BHC	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
delta-BHC	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
gamma-BHC (Lindane)	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	
gamma-Chlordane	0.020	U	0.050	0.020	1	06/19/25 01:03	6/12/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507135-09	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	58	10 - 111	06/19/25 01:03	
Tetrachloro-m-xylene	53	10 - 101	06/19/25 01:03	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506701
Date Analyzed: 06/19/25

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507135-02			RQ2507135-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.307	0.400	77	0.293	0.400	73	38-116	5	30
4,4'-DDE	8081B	0.314	0.400	78	0.298	0.400	74	40-107	5	30
4,4'-DDT	8081B	0.302	0.400	76	0.282	0.400	71	41-121	7	30
Aldrin	8081B	0.217	0.400	54	0.200	0.400	50	27-85	8	30
Dieldrin	8081B	0.319	0.400	80	0.306	0.400	76	45-112	4	30
Endosulfan I	8081B	0.311	0.400	78	0.298	0.400	75	44-111	4	30
Endosulfan II	8081B	0.329	0.400	82	0.315	0.400	79	44-114	4	30
Endosulfan Sulfate	8081B	0.322	0.400	80	0.302	0.400	75	38-119	7	30
Endrin	8081B	0.312	0.400	78	0.292	0.400	73	47-116	7	30
Endrin Ketone	8081B	0.337	0.400	84	0.322	0.400	81	44-120	4	30
Heptachlor	8081B	0.258	0.400	65	0.226	0.400	56	33-99	13	30
Heptachlor Epoxide	8081B	0.325	0.400	81	0.311	0.400	78	46-111	4	30
Methoxychlor	8081B	0.354	0.400	88	0.317	0.400	79	29-138	11	30
alpha-BHC	8081B	0.321	0.400	80	0.306	0.400	76	39-107	5	30
alpha-Chlordane	8081B	0.317	0.400	79	0.301	0.400	75	44-107	5	30
beta-BHC	8081B	0.339	0.400	85	0.323	0.400	81	47-110	5	30
delta-BHC	8081B	0.337	0.400	84	0.320	0.400	80	43-109	5	30
gamma-BHC (Lindane)	8081B	0.303	0.400	76	0.287	0.400	72	41-105	5	30
gamma-Chlordane	8081B	0.316	0.400	79	0.291	0.400	73	41-107	8	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506701

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A

Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 118	Tetrachloro-m-xylene 10 - 103
WG-TR1045-060925-001-SG	R2506701-001	20	39
WG-TR1045-060925-003-SG	R2506701-002	52	51 P
WG-TR1045-060925-005-SG	R2506701-003	40	45
WG-TR1045-060925-007-SG	R2506701-004	31	42
WG-TR1045-060925-010-SG	R2506701-005	30	41
WG-TR1045-060925-002-JA	R2506701-006	18	42
WG-TR1045-060925-004-JA	R2506701-007	37	41
WG-TR1045-060925-006-JA	R2506701-008	34	38
Lab Control Sample	RQ2507135-04	52	62
Lab Control Sample	RQ2507135-04	62	65
Duplicate Lab Control Sample	RQ2507135-05	46	57
Duplicate Lab Control Sample	RQ2507135-05	53	62
Method Blank	RQ2507135-09	44	45
Method Blank	RQ2507135-09	53	49

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507135-09	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	1.0	0.50	1	06/16/25 17:45	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/16/25 17:45	6/12/25	
Aroclor 1232	0.50 U	1.0	0.50	1	06/16/25 17:45	6/12/25	
Aroclor 1242	0.50 U	1.0	0.50	1	06/16/25 17:45	6/12/25	
Aroclor 1248	0.50 U	1.0	0.50	1	06/16/25 17:45	6/12/25	
Aroclor 1254	0.50 U	1.0	0.50	1	06/16/25 17:45	6/12/25	
Aroclor 1260	0.50 U	1.0	0.50	1	06/16/25 17:45	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 118	06/16/25 17:45	
Tetrachloro-m-xylene	45	10 - 103	06/16/25 17:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506701
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507135-09	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	1.0	0.50	1	06/17/25 16:52	6/12/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/17/25 16:52	6/12/25	
Aroclor 1232	0.50 U	1.0	0.50	1	06/17/25 16:52	6/12/25	
Aroclor 1242	0.50 U	1.0	0.50	1	06/17/25 16:52	6/12/25	
Aroclor 1248	0.50 U	1.0	0.50	1	06/17/25 16:52	6/12/25	
Aroclor 1254	0.50 U	1.0	0.50	1	06/17/25 16:52	6/12/25	
Aroclor 1260	0.50 U	1.0	0.50	1	06/17/25 16:52	6/12/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	10 - 118	06/17/25 16:52	
Tetrachloro-m-xylene	49	10 - 103	06/17/25 16:52	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506701
Date Analyzed: 06/17/25

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

			Lab Control Sample RQ2507135-04			Duplicate Lab Control Sample RQ2507135-05				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	8.11	10.0	81	7.48	10.0	75	35-131	8	30
Aroclor 1260	8082A	8.11	10.0	81	7.40	10.0	74	37-141	9	30

July 02, 2025 Service Request No:R2506820

Ms. Sheri Finn
GHD Services Inc.
2055 Niagara Falls Blvd.,
Niagara Falls, NY 14304

Laboratory Results for: Love Canal:292-402-D02-3100

Dear Ms.Finn,

Enclosed are the results of the sample(s) submitted to our laboratory June 11, 2025
For your reference, these analyses have been assigned our service request number **R2506820.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Dennis Hoyt

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100
Sample Matrix: Water

Service Request: R2506820
Date Received: 06/11/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Fifteen water samples were received for analysis at ALS Environmental on 06/11/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

Method 8270E, 06/18/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270E, 06/18/2025: Benzoic acid has been reported as zero percent recovery in the LCS/LCSD due to a limitation in LIMs. Benzoic acid was detected at 39% and 40% recovery, respectively, within laboratory limits. The LCS/LCSD is acceptable and should not be flagged on the summary form. The precision is also outside laboratory control limits.

Semivoa GC:

Method 8081B: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV) on one detector. All recoveries were acceptable on the secondary detector. Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Volatiles by GC/MS:

Method 8260D, 06/20/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 07/02/2025

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

SAMPLE CROSS-REFERENCE

R2506820-001	WG-TR1045-061025-008-JA	6/10/2025	0900
R2506820-002	WG-TR1045-061025-009-SG	6/10/2025	0900
R2506820-003	WG-TR1045-061025-011-SG	6/10/2025	1020
R2506820-004	WG-TR1045-061025-012-JA	6/10/2025	1055
R2506820-005	WG-TR1045-061025-013-SG	6/10/2025	1125
R2506820-006	WG-TR1045-061025-014-JA	6/10/2025	1055
R2506820-007	WG-TR1045-061025-015-SG	6/10/2025	1210
R2506820-008	WG-TR1045-061025-016-JA	6/10/2025	1155
R2506820-009	WG-TR1045-061025-017-SG	6/10/2025	1310
R2506820-010	WG-TR1045-061025-018-JA	6/10/2025	1305
R2506820-011	WG-TR1045-061025-019-SG	6/10/2025	1400
R2506820-012	WG-TR1045-061025-020-JA	6/10/2025	1400
R2506820-013	WG-TR1045-061025-021-SG	6/10/2025	1505
R2506820-014	WG-TR1045-061025-022-JA	6/10/2025	1500
R2506820-015	LCANNUAL-061025	6/10/2025	

CHAIN OF CUSTODY RECORD

Laboratory: ALS
1565 Jefferson Road Building 300, Suite 360 Rochester, NY 14623
(585) 288-5380

WO # / LAB USE ONLY:

DATE: 06/11/25
PAGE: 1 OF 2

LABORATORY CLIENT: GSH/Geosyntec | Report to Sheri Finn, Alden Wells & Dennis Hoyt
ADDRESS: 805 97th Street
CITY: Niagara Falls STATE: NY ZIP: 14304
TEL: 716-342-6968 Fax:

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)
PROJECT CONTACT: Alden Wells & Dennis Hoyt
E-MAIL: alden.wells@geosyntec.com dhoyt@geosyntec.com

P.O. NO.: 292-402-D02-3100
SAMPLER(S): (PRINT): Shawn Gardner/ Justin Adams

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-061025-008-JA	6/10/2025	9:00	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-009-SG	6/10/2025	9:00	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-011-SG	6/10/2025	10:20	WG	21	X	X	X	X	X	X			X
	WG-TR1045-061025-012-JA	6/10/2025	10:55	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-013-SG	6/10/2025	11:25	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-014-JA	6/10/2025	10:55	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-015-SG	6/10/2025	12:10	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-016-JA	6/10/2025	11:55	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-017-SG	6/10/2025	13:10	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-018-JA	6/10/2025	13:05	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-019-SG	6/10/2025	14:00	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-020-JA	6/10/2025	14:00	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-021-SG	6/10/2025	15:05	WG	7	X	X	X	X	X	X			
	WG-TR1045-061025-022-JA	6/10/2025	15:00	WG	7	X	X	X	X	X	X			

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
Shawn Gardner	Shawn Gardner	6/11/25	0630	Randy Dietz	ALS	6/11/25	1300
Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signatur		

R2506820 5
GHD Services Inc.
Love Canal:292-402-D02-3100

R2506820
GHD Services Inc.
Love Canal:292-402-D02-3100
5

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 6/11/25 by: RDA COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y N	5a	Did **VOA** vials have sig* **bubbles?**			Y N NA
2	**Custody papers** properly completed (ink, signed)?	Y N	5b	Sig* bubbles: **Alk?**	Y N NA	**Sulfide?**	Y N NA
3	Did all bottles arrive in good **condition** (unbroken)?	Y N	6	Where did the bottles originate?		ALS/ROC	CLIENT
4	Circle: **Wet Ice** **Dry Ice** **Gel packs** present?	Y N	7	Soil VOA received as:	Bulk	Encore	5035set NA

8. Temperature Readings Date: 6/11/25 Time: 1500 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	4.9	2.3	3.0				
Within 0-6°C?	Y N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SHO by RDA on 6/11/25 at 1541
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/11/25 Time: 1726 by: RDA

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
13. Were dissolved metals filtered in the field? YES NO N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**						

Bottle lot numbers: 120924-165, 011325-3A, x11
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RDA *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506820

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
8270E	Water	3- and 4-Methylphenol Coelution

Client: Glenn Springs Holdings, Inc.
Service Request: R2506820
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-061025-008-JA
Lab Code: R2506820-001
Sample Matrix: Water
Date Collected: 06/10/25
Date Received: 06/11/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061025-009-SG
Lab Code: R2506820-002
Sample Matrix: Water
Date Collected: 06/10/25
Date Received: 06/11/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061025-011-SG
Lab Code: R2506820-003
Sample Matrix: Water
Date Collected: 06/10/25
Date Received: 06/11/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061025-011-SG
Lab Code: R2506820-003.R01
Sample Matrix: Water
Date Collected: 06/10/25
Date Received: 06/11/25

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Client: Glenn Springs Holdings, Inc.
Service Request: R2506820
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-061025-012-JA
Lab Code: R2506820-004
Sample Matrix: Water
Date Collected: 06/10/25
Date Received: 06/11/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061025-013-SG
Lab Code: R2506820-005
Sample Matrix: Water
Date Collected: 06/10/25
Date Received: 06/11/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061025-014-JA
Lab Code: R2506820-006
Sample Matrix: Water
Date Collected: 06/10/25
Date Received: 06/11/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061025-015-SG
Lab Code: R2506820-007
Sample Matrix: Water
Date Collected: 06/10/25
Date Received: 06/11/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-061025-015-SG	**Date Collected:**	06/10/25
Lab Code:	R2506820-007	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061025-016-JA	**Date Collected:**	06/10/25
Lab Code:	R2506820-008	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061025-017-SG	**Date Collected:**	06/10/25
Lab Code:	R2506820-009	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061025-018-JA	**Date Collected:**	06/10/25
Lab Code:	R2506820-010	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-061025-018-JA	**Date Collected:**	06/10/25
Lab Code:	R2506820-010	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061025-019-SG	**Date Collected:**	06/10/25
Lab Code:	R2506820-011	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061025-020-JA	**Date Collected:**	06/10/25
Lab Code:	R2506820-012	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061025-021-SG	**Date Collected:**	06/10/25
Lab Code:	R2506820-013	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-061025-021-SG	**Date Collected:**	06/10/25
Lab Code:	R2506820-013	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061025-022-JA	**Date Collected:**	06/10/25
Lab Code:	R2506820-014	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	LCANNUAL-061025	**Date Collected:**	06/10/25
Lab Code:	R2506820-015	**Date Received:**	06/11/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-008-JA	**Units:**	ug/L
Lab Code:	R2506820-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 01:58	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 01:58	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 01:58	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 01:58	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 01:58	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 01:58	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 01:58	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 01:58	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 01:58	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 01:58	
Acetone	5.0 U	5.0	5.0	1	06/20/25 01:58	
Benzene	0.20 U	1.0	0.20	1	06/20/25 01:58	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 01:58	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 01:58	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 01:58	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 01:58	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 01:58	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 01:58	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 01:58	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 01:58	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 01:58	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 01:58	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 01:58	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 01:58	
Styrene	0.20 U	1.0	0.20	1	06/20/25 01:58	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 01:58	
Toluene	0.20 U	1.0	0.20	1	06/20/25 01:58	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 01:58	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 01:58	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 01:58	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 01:58	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 01:58	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 01:58	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 01:58	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 01:58	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-008-JA	**Units:**	ug/L
Lab Code:	R2506820-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/20/25 01:58	
Dibromofluoromethane	98	80 - 116	06/20/25 01:58	
Toluene-d8	100	87 - 121	06/20/25 01:58	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-008-JA	**Units:**	ug/L
Lab Code:	R2506820-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-009-SG	**Units:**	ug/L
Lab Code:	R2506820-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 02:21	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 02:21	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 02:21	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 02:21	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 02:21	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 02:21	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 02:21	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 02:21	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 02:21	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 02:21	
Acetone	5.0 U	5.0	5.0	1	06/20/25 02:21	
Benzene	0.20 U	1.0	0.20	1	06/20/25 02:21	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 02:21	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 02:21	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 02:21	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 02:21	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 02:21	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 02:21	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 02:21	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 02:21	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 02:21	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 02:21	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 02:21	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 02:21	
Styrene	0.20 U	1.0	0.20	1	06/20/25 02:21	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 02:21	
Toluene	0.20 U	1.0	0.20	1	06/20/25 02:21	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 02:21	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 02:21	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 02:21	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 02:21	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 02:21	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 02:21	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 02:21	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 02:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-009-SG	**Units:**	ug/L
Lab Code:	R2506820-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	111	85 - 122	06/20/25 02:21	
Dibromofluoromethane	102	80 - 116	06/20/25 02:21	
Toluene-d8	104	87 - 121	06/20/25 02:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-009-SG	**Units:**	ug/L
Lab Code:	R2506820-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.148	5.1	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:20
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 02:44	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 02:44	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 02:44	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 02:44	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 02:44	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 02:44	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 02:44	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 02:44	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 02:44	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 02:44	
Acetone	5.0 U	5.0	5.0	1	06/20/25 02:44	
Benzene	0.20 U	1.0	0.20	1	06/20/25 02:44	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 02:44	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 02:44	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 02:44	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 02:44	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 02:44	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 02:44	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 02:44	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 02:44	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 02:44	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 02:44	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 02:44	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 02:44	
Styrene	0.20 U	1.0	0.20	1	06/20/25 02:44	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 02:44	
Toluene	0.20 U	1.0	0.20	1	06/20/25 02:44	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 02:44	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 02:44	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 02:44	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 02:44	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 02:44	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 02:44	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 02:44	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 02:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:20
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/20/25 02:44	
Dibromofluoromethane	98	80 - 116	06/20/25 02:44	
Toluene-d8	100	87 - 121	06/20/25 02:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:20
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	5.5	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:20
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	0.23 U	3.0	0.23	1	NA	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-012-JA	**Units:**	ug/L
Lab Code:	R2506820-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 03:07	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 03:07	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 03:07	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 03:07	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 03:07	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 03:07	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 03:07	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 03:07	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 03:07	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 03:07	
Acetone	5.0 U	5.0	5.0	1	06/20/25 03:07	
Benzene	0.20 U	1.0	0.20	1	06/20/25 03:07	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 03:07	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 03:07	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 03:07	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 03:07	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 03:07	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 03:07	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 03:07	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 03:07	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 03:07	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 03:07	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 03:07	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 03:07	
Styrene	0.20 U	1.0	0.20	1	06/20/25 03:07	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 03:07	
Toluene	0.20 U	1.0	0.20	1	06/20/25 03:07	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 03:07	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 03:07	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 03:07	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 03:07	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 03:07	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 03:07	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 03:07	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 03:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-012-JA	**Units:**	ug/L
Lab Code:	R2506820-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/20/25 03:07	
Dibromofluoromethane	99	80 - 116	06/20/25 03:07	
Toluene-d8	98	87 - 121	06/20/25 03:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-012-JA	**Units:**	ug/L
Lab Code:	R2506820-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	4.8	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-013-SG	**Units:**	ug/L
Lab Code:	R2506820-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 03:30	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 03:30	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 03:30	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 03:30	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 03:30	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 03:30	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 03:30	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 03:30	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 03:30	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 03:30	
Acetone	5.0 U	5.0	5.0	1	06/20/25 03:30	
Benzene	0.20 U	1.0	0.20	1	06/20/25 03:30	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 03:30	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 03:30	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 03:30	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 03:30	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 03:30	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 03:30	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 03:30	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 03:30	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 03:30	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 03:30	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 03:30	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 03:30	
Styrene	0.20 U	1.0	0.20	1	06/20/25 03:30	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 03:30	
Toluene	0.20 U	1.0	0.20	1	06/20/25 03:30	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 03:30	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 03:30	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 03:30	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 03:30	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 03:30	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 03:30	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 03:30	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 03:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-013-SG	**Units:**	ug/L
Lab Code:	R2506820-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	06/20/25 03:30	
Dibromofluoromethane	100	80 - 116	06/20/25 03:30	
Toluene-d8	103	87 - 121	06/20/25 03:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-013-SG	**Units:**	ug/L
Lab Code:	R2506820-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	2.9	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-014-JA	**Units:**	ug/L
Lab Code:	R2506820-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 03:53	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 03:53	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 03:53	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 03:53	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 03:53	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 03:53	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 03:53	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 03:53	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 03:53	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 03:53	
Acetone	5.0 U	5.0	5.0	1	06/20/25 03:53	
Benzene	0.20 U	1.0	0.20	1	06/20/25 03:53	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 03:53	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 03:53	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 03:53	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 03:53	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 03:53	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 03:53	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 03:53	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 03:53	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 03:53	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 03:53	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 03:53	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 03:53	
Styrene	0.20 U	1.0	0.20	1	06/20/25 03:53	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 03:53	
Toluene	0.20 U	1.0	0.20	1	06/20/25 03:53	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 03:53	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 03:53	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 03:53	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 03:53	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 03:53	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 03:53	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 03:53	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 03:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-014-JA	**Units:**	ug/L
Lab Code:	R2506820-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	06/20/25 03:53	
Dibromofluoromethane	100	80 - 116	06/20/25 03:53	
Toluene-d8	102	87 - 121	06/20/25 03:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-014-JA	**Units:**	ug/L
Lab Code:	R2506820-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.148	5.0	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 12:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-015-SG	**Units:**	ug/L
Lab Code:	R2506820-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 04:16	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 04:16	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 04:16	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 04:16	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 04:16	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 04:16	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 04:16	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 04:16	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 04:16	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 04:16	
Acetone	5.0 U	5.0	5.0	1	06/20/25 04:16	
Benzene	0.20 U	1.0	0.20	1	06/20/25 04:16	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 04:16	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 04:16	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 04:16	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 04:16	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 04:16	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 04:16	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 04:16	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 04:16	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 04:16	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 04:16	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 04:16	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 04:16	
Styrene	0.20 U	1.0	0.20	1	06/20/25 04:16	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 04:16	
Toluene	0.20 U	1.0	0.20	1	06/20/25 04:16	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 04:16	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 04:16	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 04:16	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 04:16	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 04:16	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 04:16	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 04:16	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 04:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 12:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-015-SG	**Units:**	ug/L
Lab Code:	R2506820-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/20/25 04:16	
Dibromofluoromethane	97	80 - 116	06/20/25 04:16	
Toluene-d8	99	87 - 121	06/20/25 04:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 12:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-015-SG	**Units:**	ug/L
Lab Code:	R2506820-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	1.5	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-016-JA	**Units:**	ug/L
Lab Code:	R2506820-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 04:39	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 04:39	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 04:39	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 04:39	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 04:39	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 04:39	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 04:39	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 04:39	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 04:39	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 04:39	
Acetone	5.0 U	5.0	5.0	1	06/20/25 04:39	
Benzene	0.20 U	1.0	0.20	1	06/20/25 04:39	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 04:39	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 04:39	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 04:39	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 04:39	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 04:39	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 04:39	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 04:39	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 04:39	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 04:39	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 04:39	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 04:39	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 04:39	
Styrene	0.20 U	1.0	0.20	1	06/20/25 04:39	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 04:39	
Toluene	0.20 U	1.0	0.20	1	06/20/25 04:39	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 04:39	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 04:39	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 04:39	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 04:39	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 04:39	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 04:39	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 04:39	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 04:39	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-016-JA	**Units:**	ug/L
Lab Code:	R2506820-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	06/20/25 04:39	
Dibromofluoromethane	98	80 - 116	06/20/25 04:39	
Toluene-d8	102	87 - 121	06/20/25 04:39	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-016-JA	**Units:**	ug/L
Lab Code:	R2506820-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	1.4	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-017-SG	**Units:**	ug/L
Lab Code:	R2506820-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 05:02	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 05:02	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 05:02	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 05:02	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 05:02	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 05:02	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 05:02	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 05:02	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 05:02	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 05:02	
Acetone	5.0 U	5.0	5.0	1	06/20/25 05:02	
Benzene	0.20 U	1.0	0.20	1	06/20/25 05:02	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 05:02	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 05:02	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 05:02	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 05:02	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 05:02	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 05:02	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 05:02	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 05:02	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 05:02	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 05:02	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 05:02	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 05:02	
Styrene	0.20 U	1.0	0.20	1	06/20/25 05:02	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 05:02	
Toluene	0.20 U	1.0	0.20	1	06/20/25 05:02	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 05:02	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 05:02	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 05:02	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 05:02	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 05:02	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 05:02	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 05:02	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 05:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-017-SG	**Units:**	ug/L
Lab Code:	R2506820-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/20/25 05:02	
Dibromofluoromethane	99	80 - 116	06/20/25 05:02	
Toluene-d8	103	87 - 121	06/20/25 05:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-017-SG	**Units:**	ug/L
Lab Code:	R2506820-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-018-JA	**Units:**	ug/L
Lab Code:	R2506820-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 05:25	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 05:25	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 05:25	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 05:25	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 05:25	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 05:25	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 05:25	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 05:25	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 05:25	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 05:25	
Acetone	5.0 U	5.0	5.0	1	06/20/25 05:25	
Benzene	0.20 U	1.0	0.20	1	06/20/25 05:25	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 05:25	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 05:25	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 05:25	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 05:25	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 05:25	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 05:25	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 05:25	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 05:25	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 05:25	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 05:25	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 05:25	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 05:25	
Styrene	0.20 U	1.0	0.20	1	06/20/25 05:25	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 05:25	
Toluene	0.20 U	1.0	0.20	1	06/20/25 05:25	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 05:25	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 05:25	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 05:25	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 05:25	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 05:25	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 05:25	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 05:25	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 05:25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-018-JA	**Units:**	ug/L
Lab Code:	R2506820-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	06/20/25 05:25	
Dibromofluoromethane	100	80 - 116	06/20/25 05:25	
Toluene-d8	104	87 - 121	06/20/25 05:25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-018-JA	**Units:**	ug/L
Lab Code:	R2506820-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-019-SG	**Units:**	ug/L
Lab Code:	R2506820-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 05:48	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 05:48	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 05:48	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 05:48	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 05:48	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 05:48	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 05:48	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 05:48	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 05:48	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 05:48	
Acetone	5.0 U	5.0	5.0	1	06/20/25 05:48	
Benzene	0.20 U	1.0	0.20	1	06/20/25 05:48	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 05:48	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 05:48	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 05:48	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 05:48	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 05:48	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 05:48	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 05:48	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 05:48	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 05:48	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 05:48	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 05:48	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 05:48	
Styrene	0.20 U	1.0	0.20	1	06/20/25 05:48	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 05:48	
Toluene	0.20 U	1.0	0.20	1	06/20/25 05:48	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 05:48	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 05:48	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 05:48	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 05:48	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 05:48	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 05:48	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 05:48	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 05:48	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-019-SG	**Units:**	ug/L
Lab Code:	R2506820-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	06/20/25 05:48	
Dibromofluoromethane	101	80 - 116	06/20/25 05:48	
Toluene-d8	105	87 - 121	06/20/25 05:48	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-019-SG	**Units:**	ug/L
Lab Code:	R2506820-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	1.0	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-020-JA	**Units:**	ug/L
Lab Code:	R2506820-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 06:11	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 06:11	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 06:11	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 06:11	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 06:11	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 06:11	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 06:11	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 06:11	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 06:11	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 06:11	
Acetone	5.0 U	5.0	5.0	1	06/20/25 06:11	
Benzene	0.20 U	1.0	0.20	1	06/20/25 06:11	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 06:11	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 06:11	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 06:11	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 06:11	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 06:11	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 06:11	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 06:11	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 06:11	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 06:11	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 06:11	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 06:11	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 06:11	
Styrene	0.20 U	1.0	0.20	1	06/20/25 06:11	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 06:11	
Toluene	0.20 U	1.0	0.20	1	06/20/25 06:11	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 06:11	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 06:11	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 06:11	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 06:11	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 06:11	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 06:11	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 06:11	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 06:11	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-020-JA	**Units:**	ug/L
Lab Code:	R2506820-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/20/25 06:11	
Dibromofluoromethane	100	80 - 116	06/20/25 06:11	
Toluene-d8	100	87 - 121	06/20/25 06:11	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-020-JA	**Units:**	ug/L
Lab Code:	R2506820-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.148	0.9	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-021-SG	**Units:**	ug/L
Lab Code:	R2506820-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 06:34	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 06:34	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 06:34	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 06:34	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 06:34	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 06:34	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 06:34	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 06:34	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 06:34	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 06:34	
Acetone	5.0 U	5.0	5.0	1	06/20/25 06:34	
Benzene	0.20 U	1.0	0.20	1	06/20/25 06:34	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 06:34	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 06:34	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 06:34	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 06:34	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 06:34	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 06:34	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 06:34	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 06:34	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 06:34	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 06:34	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 06:34	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 06:34	
Styrene	0.20 U	1.0	0.20	1	06/20/25 06:34	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 06:34	
Toluene	0.20 U	1.0	0.20	1	06/20/25 06:34	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 06:34	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 06:34	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 06:34	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 06:34	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 06:34	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 06:34	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 06:34	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 06:34	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-021-SG	**Units:**	ug/L
Lab Code:	R2506820-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	06/20/25 06:34	
Dibromofluoromethane	101	80 - 116	06/20/25 06:34	
Toluene-d8	103	87 - 121	06/20/25 06:34	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-021-SG	**Units:**	ug/L
Lab Code:	R2506820-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-022-JA	**Units:**	ug/L
Lab Code:	R2506820-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 06:57	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 06:57	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 06:57	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 06:57	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 06:57	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 06:57	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 06:57	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 06:57	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 06:57	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 06:57	
Acetone	5.0 U	5.0	5.0	1	06/20/25 06:57	
Benzene	0.20 U	1.0	0.20	1	06/20/25 06:57	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 06:57	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 06:57	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 06:57	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 06:57	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 06:57	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 06:57	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 06:57	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 06:57	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 06:57	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 06:57	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 06:57	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 06:57	
Styrene	0.20 U	1.0	0.20	1	06/20/25 06:57	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 06:57	
Toluene	0.20 U	1.0	0.20	1	06/20/25 06:57	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 06:57	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 06:57	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 06:57	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 06:57	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 06:57	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 06:57	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 06:57	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 06:57	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-022-JA	**Units:**	ug/L
Lab Code:	R2506820-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	06/20/25 06:57	
Dibromofluoromethane	99	80 - 116	06/20/25 06:57	
Toluene-d8	103	87 - 121	06/20/25 06:57	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-022-JA	**Units:**	ug/L
Lab Code:	R2506820-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	LCANNUAL-061025	**Units:**	ug/L
Lab Code:	R2506820-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 01:35	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 01:35	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 01:35	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 01:35	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 01:35	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 01:35	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 01:35	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 01:35	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 01:35	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 01:35	
Acetone	5.0 U	5.0	5.0	1	06/20/25 01:35	
Benzene	0.20 U	1.0	0.20	1	06/20/25 01:35	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 01:35	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 01:35	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 01:35	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 01:35	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 01:35	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 01:35	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 01:35	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 01:35	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 01:35	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 01:35	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 01:35	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 01:35	
Styrene	0.20 U	1.0	0.20	1	06/20/25 01:35	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 01:35	
Toluene	0.20 U	1.0	0.20	1	06/20/25 01:35	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 01:35	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 01:35	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 01:35	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 01:35	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 01:35	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 01:35	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 01:35	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 01:35	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	LCANNUAL-061025	**Units:**	ug/L
Lab Code:	R2506820-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	06/20/25 01:35	
Dibromofluoromethane	99	80 - 116	06/20/25 01:35	
Toluene-d8	102	87 - 121	06/20/25 01:35	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	LCANNUAL-061025	**Units:**	ug/L
Lab Code:	R2506820-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
287-92-3	Cyclopentane	2.593	1.8	JN

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-008-JA	**Units:**	ug/L
Lab Code:	R2506820-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 01:08	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 01:08	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 01:08	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 01:08	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 01:08	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 01:08	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 01:08	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 01:08	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 01:08	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 01:08	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 01:08	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 01:08	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 01:08	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 01:08	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 01:08	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 01:08	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 01:08	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 01:08	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 01:08	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 01:08	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 01:08	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 01:08	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 01:08	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 01:08	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 01:08	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 01:08	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 01:08	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 01:08	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-008-JA	**Units:**	ug/L
Lab Code:	R2506820-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 01:08	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 01:08	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 01:08	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 01:08	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 01:08	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 01:08	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 01:08	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 01:08	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 01:08	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 01:08	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 01:08	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 01:08	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 01:08	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 01:08	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 01:08	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 01:08	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 01:08	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 01:08	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 01:08	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	82	31 - 133	06/18/25 01:08	
2-Fluorobiphenyl	58	25 - 99	06/18/25 01:08	
2-Fluorophenol	40	15 - 72	06/18/25 01:08	
Nitrobenzene-d5	57	22 - 104	06/18/25 01:08	
Phenol-d6	26	10 - 55	06/18/25 01:08	
p-Terphenyl-d14	62	10 - 143	06/18/25 01:08	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-009-SG	**Units:**	ug/L
Lab Code:	R2506820-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 01:31	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 01:31	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 01:31	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 01:31	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 01:31	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 01:31	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 01:31	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 01:31	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 01:31	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 01:31	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 01:31	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 01:31	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 01:31	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 01:31	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 01:31	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 01:31	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 01:31	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 01:31	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 01:31	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 01:31	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 01:31	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 01:31	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 01:31	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 01:31	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 01:31	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 01:31	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 01:31	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 01:31	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-009-SG	**Units:**	ug/L
Lab Code:	R2506820-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 01:31	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 01:31	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 01:31	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 01:31	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 01:31	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 01:31	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 01:31	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 01:31	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 01:31	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 01:31	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 01:31	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 01:31	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 01:31	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 01:31	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 01:31	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 01:31	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 01:31	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 01:31	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 01:31	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	76	31 - 133	06/18/25 01:31	
2-Fluorobiphenyl	58	25 - 99	06/18/25 01:31	
2-Fluorophenol	39	15 - 72	06/18/25 01:31	
Nitrobenzene-d5	57	22 - 104	06/18/25 01:31	
Phenol-d6	26	10 - 55	06/18/25 01:31	
p-Terphenyl-d14	79	10 - 143	06/18/25 01:31	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:20
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 01:55	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 01:55	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 01:55	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 01:55	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 01:55	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 01:55	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 01:55	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 01:55	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 01:55	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 01:55	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 01:55	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 01:55	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 01:55	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 01:55	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 01:55	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 01:55	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 01:55	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 01:55	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 01:55	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 01:55	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 01:55	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 01:55	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 01:55	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 01:55	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 01:55	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 01:55	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 01:55	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 01:55	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:20
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 01:55	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 01:55	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 01:55	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 01:55	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 01:55	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 01:55	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 01:55	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 01:55	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 01:55	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 01:55	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 01:55	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 01:55	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 01:55	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 01:55	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 01:55	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 01:55	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 01:55	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 01:55	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 01:55	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	81	31 - 133	06/18/25 01:55	
2-Fluorobiphenyl	60	25 - 99	06/18/25 01:55	
2-Fluorophenol	40	15 - 72	06/18/25 01:55	
Nitrobenzene-d5	57	22 - 104	06/18/25 01:55	
Phenol-d6	28	10 - 55	06/18/25 01:55	
p-Terphenyl-d14	86	10 - 143	06/18/25 01:55	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-012-JA	**Units:**	ug/L
Lab Code:	R2506820-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 03:07	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 03:07	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 03:07	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 03:07	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 03:07	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 03:07	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 03:07	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 03:07	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 03:07	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 03:07	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 03:07	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 03:07	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 03:07	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 03:07	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 03:07	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 03:07	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 03:07	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 03:07	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 03:07	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 03:07	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 03:07	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 03:07	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 03:07	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 03:07	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 03:07	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 03:07	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 03:07	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 03:07	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-012-JA	**Units:**	ug/L
Lab Code:	R2506820-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 03:07	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 03:07	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 03:07	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 03:07	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 03:07	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 03:07	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 03:07	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 03:07	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 03:07	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 03:07	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 03:07	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 03:07	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 03:07	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 03:07	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 03:07	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 03:07	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 03:07	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 03:07	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 03:07	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	66	31 - 133	06/18/25 03:07	
2-Fluorobiphenyl	50	25 - 99	06/18/25 03:07	
2-Fluorophenol	34	15 - 72	06/18/25 03:07	
Nitrobenzene-d5	49	22 - 104	06/18/25 03:07	
Phenol-d6	23	10 - 55	06/18/25 03:07	
p-Terphenyl-d14	69	10 - 143	06/18/25 03:07	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-013-SG	**Units:**	ug/L
Lab Code:	R2506820-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 03:31	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 03:31	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 03:31	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 03:31	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 03:31	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 03:31	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 03:31	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 03:31	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 03:31	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 03:31	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 03:31	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 03:31	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 03:31	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 03:31	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 03:31	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 03:31	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 03:31	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 03:31	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 03:31	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 03:31	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 03:31	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 03:31	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 03:31	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 03:31	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 03:31	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 03:31	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 03:31	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 03:31	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-013-SG	**Units:**	ug/L
Lab Code:	R2506820-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 03:31	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 03:31	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 03:31	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 03:31	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 03:31	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 03:31	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 03:31	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 03:31	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 03:31	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 03:31	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 03:31	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 03:31	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 03:31	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 03:31	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 03:31	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 03:31	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 03:31	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 03:31	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 03:31	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	79	31 - 133	06/18/25 03:31	
2-Fluorobiphenyl	68	25 - 99	06/18/25 03:31	
2-Fluorophenol	45	15 - 72	06/18/25 03:31	
Nitrobenzene-d5	65	22 - 104	06/18/25 03:31	
Phenol-d6	30	10 - 55	06/18/25 03:31	
p-Terphenyl-d14	69	10 - 143	06/18/25 03:31	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-014-JA	**Units:**	ug/L
Lab Code:	R2506820-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 03:55	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 03:55	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 03:55	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 03:55	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 03:55	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 03:55	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 03:55	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 03:55	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 03:55	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 03:55	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 03:55	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 03:55	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 03:55	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 03:55	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 03:55	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 03:55	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 03:55	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 03:55	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 03:55	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 03:55	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 03:55	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 03:55	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 03:55	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 03:55	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 03:55	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 03:55	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 03:55	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 03:55	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-014-JA	**Units:**	ug/L
Lab Code:	R2506820-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 03:55	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 03:55	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 03:55	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 03:55	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 03:55	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 03:55	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 03:55	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 03:55	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 03:55	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 03:55	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 03:55	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 03:55	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 03:55	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 03:55	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 03:55	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 03:55	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 03:55	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 03:55	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 03:55	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	57	31 - 133	06/18/25 03:55	
2-Fluorobiphenyl	53	25 - 99	06/18/25 03:55	
2-Fluorophenol	33	15 - 72	06/18/25 03:55	
Nitrobenzene-d5	51	22 - 104	06/18/25 03:55	
Phenol-d6	22	10 - 55	06/18/25 03:55	
p-Terphenyl-d14	50	10 - 143	06/18/25 03:55	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 12:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-015-SG	**Units:**	ug/L
Lab Code:	R2506820-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 04:19	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 04:19	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 04:19	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 04:19	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 04:19	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 04:19	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 04:19	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 04:19	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 04:19	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 04:19	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 04:19	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 04:19	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 04:19	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 04:19	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 04:19	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 04:19	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 04:19	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 04:19	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 04:19	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 04:19	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 04:19	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 04:19	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 04:19	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 04:19	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 04:19	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 04:19	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 04:19	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 04:19	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 12:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-015-SG	**Units:**	ug/L
Lab Code:	R2506820-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 04:19	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 04:19	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 04:19	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 04:19	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 04:19	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 04:19	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 04:19	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 04:19	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 04:19	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 04:19	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 04:19	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 04:19	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 04:19	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 04:19	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 04:19	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 04:19	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 04:19	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 04:19	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 04:19	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	56	31 - 133	06/18/25 04:19	
2-Fluorobiphenyl	45	25 - 99	06/18/25 04:19	
2-Fluorophenol	29	15 - 72	06/18/25 04:19	
Nitrobenzene-d5	44	22 - 104	06/18/25 04:19	
Phenol-d6	20	10 - 55	06/18/25 04:19	
p-Terphenyl-d14	58	10 - 143	06/18/25 04:19	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-016-JA	**Units:**	ug/L
Lab Code:	R2506820-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 04:42	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 04:42	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 04:42	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 04:42	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 04:42	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 04:42	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 04:42	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 04:42	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 04:42	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 04:42	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 04:42	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 04:42	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 04:42	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 04:42	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 04:42	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 04:42	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 04:42	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 04:42	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 04:42	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 04:42	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 04:42	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 04:42	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 04:42	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 04:42	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 04:42	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 04:42	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 04:42	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 04:42	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-016-JA	**Units:**	ug/L
Lab Code:	R2506820-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 04:42	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 04:42	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 04:42	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 04:42	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 04:42	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 04:42	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 04:42	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 04:42	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 04:42	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 04:42	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 04:42	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 04:42	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 04:42	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 04:42	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 04:42	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 04:42	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 04:42	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 04:42	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 04:42	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/18/25 04:42	
2-Fluorobiphenyl	65	25 - 99	06/18/25 04:42	
2-Fluorophenol	41	15 - 72	06/18/25 04:42	
Nitrobenzene-d5	64	22 - 104	06/18/25 04:42	
Phenol-d6	28	10 - 55	06/18/25 04:42	
p-Terphenyl-d14	64	10 - 143	06/18/25 04:42	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-017-SG	**Units:**	ug/L
Lab Code:	R2506820-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 05:06	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 05:06	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 05:06	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 05:06	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 05:06	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 05:06	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 05:06	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 05:06	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 05:06	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 05:06	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 05:06	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 05:06	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 05:06	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 05:06	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 05:06	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 05:06	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 05:06	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 05:06	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 05:06	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 05:06	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 05:06	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 05:06	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 05:06	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 05:06	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 05:06	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 05:06	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 05:06	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 05:06	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-017-SG	**Units:**	ug/L
Lab Code:	R2506820-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 05:06	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 05:06	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 05:06	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 05:06	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 05:06	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 05:06	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 05:06	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 05:06	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 05:06	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 05:06	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 05:06	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 05:06	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 05:06	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 05:06	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 05:06	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 05:06	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 05:06	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 05:06	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 05:06	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	78	31 - 133	06/18/25 05:06	
2-Fluorobiphenyl	70	25 - 99	06/18/25 05:06	
2-Fluorophenol	46	15 - 72	06/18/25 05:06	
Nitrobenzene-d5	65	22 - 104	06/18/25 05:06	
Phenol-d6	30	10 - 55	06/18/25 05:06	
p-Terphenyl-d14	70	10 - 143	06/18/25 05:06	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-018-JA	**Units:**	ug/L
Lab Code:	R2506820-010	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 05:30	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 05:30	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 05:30	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 05:30	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 05:30	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 05:30	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 05:30	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 05:30	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 05:30	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 05:30	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 05:30	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 05:30	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 05:30	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 05:30	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 05:30	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 05:30	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 05:30	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 05:30	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 05:30	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 05:30	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 05:30	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 05:30	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 05:30	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 05:30	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 05:30	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 05:30	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 05:30	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 05:30	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-018-JA	**Units:**	ug/L
Lab Code:	R2506820-010	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 05:30	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 05:30	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 05:30	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 05:30	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 05:30	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 05:30	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 05:30	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 05:30	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 05:30	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 05:30	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 05:30	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 05:30	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 05:30	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 05:30	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 05:30	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 05:30	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 05:30	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 05:30	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 05:30	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	59	31 - 133	06/18/25 05:30	
2-Fluorobiphenyl	54	25 - 99	06/18/25 05:30	
2-Fluorophenol	35	15 - 72	06/18/25 05:30	
Nitrobenzene-d5	50	22 - 104	06/18/25 05:30	
Phenol-d6	23	10 - 55	06/18/25 05:30	
p-Terphenyl-d14	58	10 - 143	06/18/25 05:30	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-019-SG	**Units:**	ug/L
Lab Code:	R2506820-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 05:54	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 05:54	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 05:54	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 05:54	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 05:54	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 05:54	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 05:54	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 05:54	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 05:54	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 05:54	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 05:54	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 05:54	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 05:54	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 05:54	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 05:54	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 05:54	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 05:54	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 05:54	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 05:54	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 05:54	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 05:54	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 05:54	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 05:54	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 05:54	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 05:54	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 05:54	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 05:54	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 05:54	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-019-SG	**Units:**	ug/L
Lab Code:	R2506820-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 05:54	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 05:54	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 05:54	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 05:54	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 05:54	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 05:54	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 05:54	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 05:54	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 05:54	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 05:54	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 05:54	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 05:54	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 05:54	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 05:54	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 05:54	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 05:54	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 05:54	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 05:54	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 05:54	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	65	31 - 133	06/18/25 05:54	
2-Fluorobiphenyl	57	25 - 99	06/18/25 05:54	
2-Fluorophenol	37	15 - 72	06/18/25 05:54	
Nitrobenzene-d5	54	22 - 104	06/18/25 05:54	
Phenol-d6	24	10 - 55	06/18/25 05:54	
p-Terphenyl-d14	65	10 - 143	06/18/25 05:54	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-020-JA	**Units:**	ug/L
Lab Code:	R2506820-012	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 06:18	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 06:18	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 06:18	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 06:18	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 06:18	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 06:18	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 06:18	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 06:18	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 06:18	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 06:18	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 06:18	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 06:18	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 06:18	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 06:18	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 06:18	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 06:18	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 06:18	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 06:18	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 06:18	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 06:18	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 06:18	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 06:18	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 06:18	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 06:18	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 06:18	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 06:18	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 06:18	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 06:18	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-020-JA	**Units:**	ug/L
Lab Code:	R2506820-012	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 06:18	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 06:18	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 06:18	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 06:18	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 06:18	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 06:18	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 06:18	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 06:18	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 06:18	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 06:18	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 06:18	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 06:18	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 06:18	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 06:18	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 06:18	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 06:18	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 06:18	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 06:18	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 06:18	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	71	31 - 133	06/18/25 06:18	
2-Fluorobiphenyl	68	25 - 99	06/18/25 06:18	
2-Fluorophenol	45	15 - 72	06/18/25 06:18	
Nitrobenzene-d5	64	22 - 104	06/18/25 06:18	
Phenol-d6	29	10 - 55	06/18/25 06:18	
p-Terphenyl-d14	65	10 - 143	06/18/25 06:18	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-021-SG	**Units:**	ug/L
Lab Code:	R2506820-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 06:42	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 06:42	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 06:42	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 06:42	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 06:42	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 06:42	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 06:42	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 06:42	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 06:42	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 06:42	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 06:42	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 06:42	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 06:42	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 06:42	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 06:42	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 06:42	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 06:42	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 06:42	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 06:42	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 06:42	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 06:42	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 06:42	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 06:42	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 06:42	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 06:42	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 06:42	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 06:42	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 06:42	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-021-SG	**Units:**	ug/L
Lab Code:	R2506820-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 06:42	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 06:42	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 06:42	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 06:42	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 06:42	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 06:42	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 06:42	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 06:42	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 06:42	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 06:42	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 06:42	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 06:42	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 06:42	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 06:42	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 06:42	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 06:42	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 06:42	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 06:42	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 06:42	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/18/25 06:42	
2-Fluorobiphenyl	70	25 - 99	06/18/25 06:42	
2-Fluorophenol	46	15 - 72	06/18/25 06:42	
Nitrobenzene-d5	65	22 - 104	06/18/25 06:42	
Phenol-d6	30	10 - 55	06/18/25 06:42	
p-Terphenyl-d14	76	10 - 143	06/18/25 06:42	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-022-JA	**Units:**	ug/L
Lab Code:	R2506820-014	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/18/25 07:06	6/13/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/18/25 07:06	6/13/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/18/25 07:06	6/13/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/18/25 07:06	6/13/25	
2,4-Dinitrophenol	20 U	49	20	1	06/18/25 07:06	6/13/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/18/25 07:06	6/13/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/18/25 07:06	6/13/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/18/25 07:06	6/13/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/18/25 07:06	6/13/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/18/25 07:06	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/18/25 07:06	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/18/25 07:06	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/18/25 07:06	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/18/25 07:06	6/13/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/18/25 07:06	6/13/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/18/25 07:06	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/18/25 07:06	6/13/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/18/25 07:06	6/13/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
Anthracene	1.3 U	9.8	1.3	1	06/18/25 07:06	6/13/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/18/25 07:06	6/13/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/18/25 07:06	6/13/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/18/25 07:06	6/13/25	
Benzoic Acid	36 U	49	36	1	06/18/25 07:06	6/13/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/18/25 07:06	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/18/25 07:06	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/18/25 07:06	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/18/25 07:06	6/13/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/18/25 07:06	6/13/25	
Chrysene	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-022-JA	**Units:**	ug/L
Lab Code:	R2506820-014	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/18/25 07:06	6/13/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/18/25 07:06	6/13/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/18/25 07:06	6/13/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/18/25 07:06	6/13/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/18/25 07:06	6/13/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/18/25 07:06	6/13/25	
Fluorene	1.3 U	9.8	1.3	1	06/18/25 07:06	6/13/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/18/25 07:06	6/13/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/18/25 07:06	6/13/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/18/25 07:06	6/13/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/18/25 07:06	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/18/25 07:06	6/13/25	
Isophorone	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/18/25 07:06	6/13/25	
Naphthalene	1.2 U	9.8	1.2	1	06/18/25 07:06	6/13/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/18/25 07:06	6/13/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/18/25 07:06	6/13/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/18/25 07:06	6/13/25	
Phenol	1.0 U	9.8	1.0	1	06/18/25 07:06	6/13/25	
Pyrene	1.5 U	9.8	1.5	1	06/18/25 07:06	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	64	31 - 133	06/18/25 07:06	
2-Fluorobiphenyl	59	25 - 99	06/18/25 07:06	
2-Fluorophenol	36	15 - 72	06/18/25 07:06	
Nitrobenzene-d5	52	22 - 104	06/18/25 07:06	
Phenol-d6	24	10 - 55	06/18/25 07:06	
p-Terphenyl-d14	67	10 - 143	06/18/25 07:06	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-008-JA	**Units:**	ug/L
Lab Code:	R2506820-001	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 00:19	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 00:19	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 111	06/25/25 00:19	
Tetrachloro-m-xylene	61	10 - 101	06/25/25 00:19	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-009-SG	**Units:**	ug/L
Lab Code:	R2506820-002	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 16:42	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 16:42	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 111	06/26/25 16:42	
Tetrachloro-m-xylene	57	10 - 101	06/26/25 16:42	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:20
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 16:59	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 16:59	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	61	10 - 111	06/26/25 16:59	
Tetrachloro-m-xylene	56	10 - 101	06/26/25 16:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-012-JA	**Units:**	ug/L
Lab Code:	R2506820-004	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
4,4'-DDE	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
4,4'-DDT	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Aldrin	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Dieldrin	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Endosulfan I	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Endosulfan II	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Endosulfan Sulfate	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Endrin	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Endrin Ketone	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Heptachlor	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Heptachlor Epoxide	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
Methoxychlor	**0.034 J**	0.048	0.020	1	06/25/25 02:06	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 02:06	6/13/25	
alpha-BHC	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
alpha-Chlordane	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
beta-BHC	**0.025 J**	0.048	0.020	1	06/25/25 02:06	6/13/25	
delta-BHC	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	
gamma-Chlordane	0.020 U	0.048	0.020	1	06/25/25 02:06	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	24	10 - 111	06/25/25 02:06	
Tetrachloro-m-xylene	61	10 - 101	06/25/25 02:06	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-013-SG	**Units:**	ug/L
Lab Code:	R2506820-005	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
4,4'-DDE	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
4,4'-DDT	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Aldrin	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Dieldrin	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Endosulfan I	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Endosulfan II	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Endosulfan Sulfate	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Endrin	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Endrin Ketone	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Heptachlor	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Heptachlor Epoxide	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Methoxychlor	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
Toxaphene	0.53 U	0.53	0.53	1	06/25/25 02:24	6/13/25	
alpha-BHC	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
alpha-Chlordane	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
beta-BHC	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
delta-BHC	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
gamma-BHC (Lindane)	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	
gamma-Chlordane	0.021 U	0.052	0.021	1	06/25/25 02:24	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	43	10 - 111	06/25/25 02:24	
Tetrachloro-m-xylene	52	10 - 101	06/25/25 02:24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-014-JA	**Units:**	ug/L
Lab Code:	R2506820-006	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
4,4'-DDE	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
4,4'-DDT	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Aldrin	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Dieldrin	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Endosulfan I	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Endosulfan II	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Endosulfan Sulfate	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Endrin	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Endrin Ketone	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Heptachlor	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Heptachlor Epoxide	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Methoxychlor	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
Toxaphene	0.53 U	0.53	0.53	1	06/25/25 02:42	6/13/25	
alpha-BHC	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
alpha-Chlordane	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
beta-BHC	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
delta-BHC	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
gamma-BHC (Lindane)	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	
gamma-Chlordane	0.021 U	0.052	0.021	1	06/25/25 02:42	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	23	10 - 111	06/25/25 02:42	
Tetrachloro-m-xylene	48	10 - 101	06/25/25 02:42	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 12:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-015-SG	**Units:**	ug/L
Lab Code:	R2506820-007	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 02:59	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 02:59	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	37	10 - 111	06/25/25 02:59	
Tetrachloro-m-xylene	49	10 - 101	06/25/25 02:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-016-JA	**Units:**	ug/L
Lab Code:	R2506820-008	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 03:17	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 03:17	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	33	10 - 111	06/25/25 03:17	
Tetrachloro-m-xylene	54	10 - 101	06/25/25 03:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-017-SG	**Units:**	ug/L
Lab Code:	R2506820-009	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 03:35	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 03:35	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 111	06/25/25 03:35	
Tetrachloro-m-xylene	55	10 - 101	06/25/25 03:35	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-018-JA	**Units:**	ug/L
Lab Code:	R2506820-010	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 03:53	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 03:53	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	41	10 - 111	06/25/25 03:53	
Tetrachloro-m-xylene	43	10 - 101	06/25/25 03:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-019-SG	**Units:**	ug/L
Lab Code:	R2506820-011	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 04:10	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 04:10	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	43	10 - 111	06/25/25 04:10	
Tetrachloro-m-xylene	54	10 - 101	06/25/25 04:10	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-020-JA	**Units:**	ug/L
Lab Code:	R2506820-012	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 04:46	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 04:46	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	46	10 - 111	06/25/25 04:46	
Tetrachloro-m-xylene	54	10 - 101	06/25/25 04:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-021-SG	**Units:**	ug/L
Lab Code:	R2506820-013	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 05:04	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 05:04	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 111	06/25/25 05:04	
Tetrachloro-m-xylene	48	10 - 101	06/25/25 05:04	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-022-JA	**Units:**	ug/L
Lab Code:	R2506820-014	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Aldrin	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Dieldrin	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Endrin	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Heptachlor	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/25/25 05:22	6/13/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
beta-BHC	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
delta-BHC	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/25/25 05:22	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 111	06/25/25 05:22	
Tetrachloro-m-xylene	70	10 - 101	06/25/25 05:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-008-JA	**Units:**	ug/L
Lab Code:	R2506820-001	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 04:52	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 04:52	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 04:52	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 04:52	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 04:52	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 04:52	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 04:52	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 118	06/26/25 04:52	
Tetrachloro-m-xylene	60	10 - 103	06/26/25 04:52	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 09:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-009-SG	**Units:**	ug/L
Lab Code:	R2506820-002	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 08:42	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 08:42	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 08:42	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 08:42	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 08:42	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 08:42	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 08:42	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 118	06/26/25 08:42	
Tetrachloro-m-xylene	57	10 - 103	06/26/25 08:42	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:20
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 08:55	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 08:55	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 08:55	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 08:55	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 08:55	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 08:55	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 08:55	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	10 - 118	06/26/25 08:55	
Tetrachloro-m-xylene	57	10 - 103	06/26/25 08:55	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-012-JA	**Units:**	ug/L
Lab Code:	R2506820-004	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.96	0.50	1	06/26/25 05:06	6/13/25	
Aroclor 1221	1.0 U	1.9	1.0	1	06/26/25 05:06	6/13/25	
Aroclor 1232	0.50 U	0.96	0.50	1	06/26/25 05:06	6/13/25	
Aroclor 1242	0.50 U	0.96	0.50	1	06/26/25 05:06	6/13/25	
Aroclor 1248	0.50 U	0.96	0.50	1	06/26/25 05:06	6/13/25	
Aroclor 1254	0.50 U	0.96	0.50	1	06/26/25 05:06	6/13/25	
Aroclor 1260	0.50 U	0.96	0.50	1	06/26/25 05:06	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	24	10 - 118	06/26/25 05:06	
Tetrachloro-m-xylene	59	10 - 103	06/26/25 05:06	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:25
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-013-SG	**Units:**	ug/L
Lab Code:	R2506820-005	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.53 U	1.0	0.53	1	06/26/25 05:19	6/13/25	
Aroclor 1221	1.1 U	2.1	1.1	1	06/26/25 05:19	6/13/25	
Aroclor 1232	0.53 U	1.0	0.53	1	06/26/25 05:19	6/13/25	
Aroclor 1242	0.53 U	1.0	0.53	1	06/26/25 05:19	6/13/25	
Aroclor 1248	0.53 U	1.0	0.53	1	06/26/25 05:19	6/13/25	
Aroclor 1254	0.53 U	1.0	0.53	1	06/26/25 05:19	6/13/25	
Aroclor 1260	0.53 U	1.0	0.53	1	06/26/25 05:19	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	43	10 - 118	06/26/25 05:19	
Tetrachloro-m-xylene	53	10 - 103	06/26/25 05:19	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 10:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-014-JA	**Units:**	ug/L
Lab Code:	R2506820-006	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.53 U	1.0	0.53	1	06/26/25 05:46	6/13/25	
Aroclor 1221	1.1 U	2.1	1.1	1	06/26/25 05:46	6/13/25	
Aroclor 1232	0.53 U	1.0	0.53	1	06/26/25 05:46	6/13/25	
Aroclor 1242	0.53 U	1.0	0.53	1	06/26/25 05:46	6/13/25	
Aroclor 1248	0.53 U	1.0	0.53	1	06/26/25 05:46	6/13/25	
Aroclor 1254	0.53 U	1.0	0.53	1	06/26/25 05:46	6/13/25	
Aroclor 1260	0.53 U	1.0	0.53	1	06/26/25 05:46	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	23	10 - 118	06/26/25 05:46	
Tetrachloro-m-xylene	48	10 - 103	06/26/25 05:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 12:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-015-SG	**Units:**	ug/L
Lab Code:	R2506820-007	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 06:00	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 06:00	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 06:00	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 06:00	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 06:00	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 06:00	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 06:00	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 118	06/26/25 06:00	
Tetrachloro-m-xylene	49	10 - 103	06/26/25 06:00	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 11:55
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-016-JA	**Units:**	ug/L
Lab Code:	R2506820-008	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 06:13	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 06:13	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 06:13	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 06:13	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 06:13	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 06:13	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 06:13	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	35	10 - 118	06/26/25 06:13	
Tetrachloro-m-xylene	55	10 - 103	06/26/25 06:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:10
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-017-SG	**Units:**	ug/L
Lab Code:	R2506820-009	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 06:27	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 06:27	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 06:27	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 06:27	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 06:27	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 06:27	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 06:27	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 118	06/26/25 06:27	
Tetrachloro-m-xylene	55	10 - 103	06/26/25 06:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 13:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-018-JA	**Units:**	ug/L
Lab Code:	R2506820-010	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 06:40	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 06:40	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 06:40	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 06:40	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 06:40	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 06:40	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 06:40	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 118	06/26/25 06:40	
Tetrachloro-m-xylene	44	10 - 103	06/26/25 06:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-019-SG	**Units:**	ug/L
Lab Code:	R2506820-011	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 06:54	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 06:54	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 06:54	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 06:54	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 06:54	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 06:54	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 06:54	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 118	06/26/25 06:54	
Tetrachloro-m-xylene	54	10 - 103	06/26/25 06:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 14:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-020-JA	**Units:**	ug/L
Lab Code:	R2506820-012	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 07:07	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 07:07	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 07:07	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 07:07	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 07:07	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 07:07	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 07:07	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 118	06/26/25 07:07	
Tetrachloro-m-xylene	52	10 - 103	06/26/25 07:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:05
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-021-SG	**Units:**	ug/L
Lab Code:	R2506820-013	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 07:21	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 07:21	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 07:21	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 07:21	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 07:21	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 07:21	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 07:21	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 118	06/26/25 07:21	
Tetrachloro-m-xylene	48	10 - 103	06/26/25 07:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25 15:00
Sample Matrix:	Water	**Date Received:**	06/11/25 13:00
Sample Name:	WG-TR1045-061025-022-JA	**Units:**	ug/L
Lab Code:	R2506820-014	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 07:34	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 07:34	6/13/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 07:34	6/13/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 07:34	6/13/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 07:34	6/13/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 07:34	6/13/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 07:34	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10 - 118	06/26/25 07:34	
Tetrachloro-m-xylene	72	10 - 103	06/26/25 07:34	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506820

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
WG-TR1045-061025-008-JA	R2506820-001	99	98	100
WG-TR1045-061025-009-SG	R2506820-002	111	102	104
WG-TR1045-061025-011-SG	R2506820-003	103	98	100
WG-TR1045-061025-012-JA	R2506820-004	97	99	98
WG-TR1045-061025-013-SG	R2506820-005	108	100	103
WG-TR1045-061025-014-JA	R2506820-006	104	100	102
WG-TR1045-061025-015-SG	R2506820-007	99	97	99
WG-TR1045-061025-016-JA	R2506820-008	106	98	102
WG-TR1045-061025-017-SG	R2506820-009	105	99	103
WG-TR1045-061025-018-JA	R2506820-010	107	100	104
WG-TR1045-061025-019-SG	R2506820-011	106	101	105
WG-TR1045-061025-020-JA	R2506820-012	96	100	100
WG-TR1045-061025-021-SG	R2506820-013	108	101	103
WG-TR1045-061025-022-JA	R2506820-014	104	99	103
LCANNUAL-061025	R2506820-015	104	99	102
Lab Control Sample	RQ2507562-02	105	107	105
Method Blank	RQ2507562-03	114	104	105
Lab Control Sample	RQ2507845-04	105	103	102
Method Blank	RQ2507845-06	106	101	104
WG-TR1045-061025-011-SG MS	RQ2507845-07	104	107	106
WG-TR1045-061025-011-SG DMS	RQ2507845-08	106	106	104

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25
		Date Analyzed:	06/24/25
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA
Analysis Method:	8260D		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507845-07			RQ2507845-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	0.20 U	45.1	50.0	90	51.9	50.0	104	74-127	14	30
1,1,2,2-Tetrachloroethane	0.20 U	42.0	50.0	84	49.8	50.0	100	72-122	17	30
1,1,2-Trichloroethane	0.20 U	46.3	50.0	93	52.4	50.0	105	82-121	12	30
1,1-Dichloroethane (1,1-DCA)	0.20 U	44.6	50.0	89	53.0	50.0	106	74-132	17	30
1,1-Dichloroethene (1,1-DCE)	0.20 U	43.1	50.0	86	46.7	50.0	93	71-118	8	30
1,2-Dichloroethane	0.20 U	43.7	50.0	87	50.4	50.0	101	68-130	14	30
1,2-Dichloropropane	0.20 U	43.9	50.0	88	51.7	50.0	103	79-124	16	30
2-Butanone (MEK)	0.78 U	53.5	50.0	107	51.7	50.0	103	61-137	4	30
2-Hexanone	0.20 U	47.7	50.0	95	52.1	50.0	104	56-132	9	30
4-Methyl-2-pentanone	0.20 U	49.8	50.0	100	52.8	50.0	106	60-141	6	30
Acetone	5.0 U	41.2	50.0	82	42.1	50.0	84	35-183	2	30
Benzene	0.20 U	43.6	50.0	87	50.6	50.0	101	76-129	15	30
Bromodichloromethane	0.20 U	47.7	50.0	95	56.7	50.0	113	78-133	17	30
Bromoform	0.25 U	48.2	50.0	96	56.5	50.0	113	58-133	16	30
Bromomethane	0.70 U	19.1	50.0	38	21.9	50.0	44	10-184	14	30
Carbon Disulfide	0.42 U	51.7	50.0	103	57.9	50.0	116	59-140	11	30
Carbon Tetrachloride	0.34 U	42.1	50.0	84	48.7	50.0	97	65-135	14	30
Chlorobenzene	0.20 U	43.6	50.0	87	50.5	50.0	101	76-125	15	30
Chloroethane	0.23 U	45.4	50.0	91	50.8	50.0	102	48-146	11	30
Chloroform	0.51 U	44.0	50.0	88	51.5	50.0	103	75-130	16	30
Chloromethane	0.40 U	35.7	50.0	71	41.8	50.0	84	55-160	16	30
Dibromochloromethane	0.20 U	48.8	50.0	98	58.9	50.0	118	72-128	19	30
Dichloromethane	0.65 U	44.7	50.0	89	53.2	50.0	106	73-122	17	30
Ethylbenzene	0.20 U	45.2	50.0	90	53.5	50.0	107	72-134	17	30
Styrene	0.20 U	46.5	50.0	93	55.8	50.0	112	74-136	18	30
Tetrachloroethene (PCE)	0.21 U	42.5	50.0	85	50.3	50.0	101	72-125	17	30
Toluene	0.20 U	45.8	50.0	92	52.9	50.0	106	79-119	14	30
Trichloroethene (TCE)	0.20 U	45.0	50.0	90	50.8	50.0	102	74-122	12	30
Vinyl Acetate	1.1 U	50.0	50.0	100	60.1	50.0	120	48-172	18	30
Vinyl Chloride	0.20 U	44.5	50.0	89	50.3	50.0	101	74-159	12	30
Xylenes, Total	0.23 U	136	150	90	161	150	107	78-121	17	30
cis-1,2-Dichloroethene	0.23 U	43.2	50.0	86	51.7	50.0	103	77-127	18	30
cis-1,3-Dichloropropene	0.20 U	47.6	50.0	95	58.1	50.0	116	52-134	20	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25
		Date Analyzed:	06/24/25
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA
Analysis Method:	8260D		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507845-07			RQ2507845-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
trans-1,2-Dichloroethene	0.20 U	45.4	50.0	91	52.4	50.0	105	73-118	14	30
trans-1,3-Dichloropropene	0.23 U	49.1	50.0	98	59.0	50.0	118	71-133	18	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507562-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/20/25 00:26	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/20/25 00:26	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/20/25 00:26	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/20/25 00:26	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/20/25 00:26	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/20/25 00:26	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/20/25 00:26	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/20/25 00:26	
2-Hexanone	0.20 U	5.0	0.20	1	06/20/25 00:26	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/20/25 00:26	
Acetone	5.0 U	5.0	5.0	1	06/20/25 00:26	
Benzene	0.20 U	1.0	0.20	1	06/20/25 00:26	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/20/25 00:26	
Bromoform	0.25 U	1.0	0.25	1	06/20/25 00:26	
Bromomethane	0.70 U	1.0	0.70	1	06/20/25 00:26	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/20/25 00:26	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/20/25 00:26	
Chlorobenzene	0.20 U	1.0	0.20	1	06/20/25 00:26	
Chloroethane	0.23 U	1.0	0.23	1	06/20/25 00:26	
Chloroform	0.51 U	1.0	0.51	1	06/20/25 00:26	
Chloromethane	0.40 U	1.0	0.40	1	06/20/25 00:26	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/20/25 00:26	
Dichloromethane	0.65 U	1.0	0.65	1	06/20/25 00:26	
Ethylbenzene	0.20 U	1.0	0.20	1	06/20/25 00:26	
Styrene	0.20 U	1.0	0.20	1	06/20/25 00:26	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/20/25 00:26	
Toluene	0.20 U	1.0	0.20	1	06/20/25 00:26	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/20/25 00:26	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/20/25 00:26	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/20/25 00:26	
Xylenes, Total	0.23 U	3.0	0.23	1	06/20/25 00:26	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/20/25 00:26	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/20/25 00:26	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/20/25 00:26	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/20/25 00:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507562-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	114	85 - 122	06/20/25 00:26	
Dibromofluoromethane	104	80 - 116	06/20/25 00:26	
Toluene-d8	105	87 - 121	06/20/25 00:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507562-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507845-06	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 13:27	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 13:27	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 13:27	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 13:27	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 13:27	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 13:27	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 13:27	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 13:27	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 13:27	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 13:27	
Acetone	5.0 U	5.0	5.0	1	06/24/25 13:27	
Benzene	0.20 U	1.0	0.20	1	06/24/25 13:27	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 13:27	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 13:27	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 13:27	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 13:27	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 13:27	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 13:27	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 13:27	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 13:27	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 13:27	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 13:27	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 13:27	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 13:27	
Styrene	0.20 U	1.0	0.20	1	06/24/25 13:27	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 13:27	
Toluene	0.20 U	1.0	0.20	1	06/24/25 13:27	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 13:27	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 13:27	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 13:27	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 13:27	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 13:27	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 13:27	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 13:27	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 13:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507845-06	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	06/24/25 13:27	
Dibromofluoromethane	101	80 - 116	06/24/25 13:27	
Toluene-d8	104	87 - 121	06/24/25 13:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507845-06	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506820
Date Analyzed: 06/19/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507562-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	20.7	20.0	104	75-125
1,1,2,2-Tetrachloroethane	8260D	19.8	20.0	99	78-126
1,1,2-Trichloroethane	8260D	21.0	20.0	105	82-121
1,1-Dichloroethane (1,1-DCA)	8260D	21.0	20.0	105	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	19.7	20.0	98	71-118
1,2-Dichloroethane	8260D	20.6	20.0	103	71-127
1,2-Dichloropropane	8260D	20.8	20.0	104	80-119
2-Butanone (MEK)	8260D	20.4	20.0	102	61-137
2-Hexanone	8260D	18.0	20.0	90	63-124
4-Methyl-2-pentanone	8260D	19.6	20.0	98	66-124
Acetone	8260D	15.1	20.0	76	40-161
Benzene	8260D	20.3	20.0	102	79-119
Bromodichloromethane	8260D	21.1	20.0	105	81-123
Bromoform	8260D	22.2	20.0	111	65-146
Bromomethane	8260D	19.7	20.0	99	42-166
Carbon Disulfide	8260D	16.7	20.0	84	66-128
Carbon Tetrachloride	8260D	19.6	20.0	98	70-127
Chlorobenzene	8260D	21.0	20.0	105	80-121
Chloroethane	8260D	21.0	20.0	105	62-131
Chloroform	8260D	20.8	20.0	104	79-120
Chloromethane	8260D	22.1	20.0	111	61-143
Dibromochloromethane	8260D	22.6	20.0	113	72-128
Dichloromethane	8260D	22.0	20.0	110	73-122
Ethylbenzene	8260D	21.5	20.0	107	76-120
Styrene	8260D	22.2	20.0	111	80-124
Tetrachloroethene (PCE)	8260D	20.9	20.0	104	72-125
Toluene	8260D	21.4	20.0	107	79-119
Trichloroethene (TCE)	8260D	20.4	20.0	102	74-122
Vinyl Acetate	8260D	21.8	20.0	109	52-174
Vinyl Chloride	8260D	21.3	20.0	106	74-159
Xylenes, Total	8260D	66.0	60.0	110	78-121
cis-1,2-Dichloroethene	8260D	20.2	20.0	101	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506820
Date Analyzed: 06/19/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507562-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260D	21.4	20.0	107	77-122
trans-1,2-Dichloroethene	8260D	21.5	20.0	107	73-118
trans-1,3-Dichloropropene	8260D	23.6	20.0	118	71-133

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506820
Date Analyzed: 06/24/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507845-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	18.7	20.0	93	75-125
1,1,2,2-Tetrachloroethane	8260D	19.2	20.0	96	78-126
1,1,2-Trichloroethane	8260D	19.8	20.0	99	82-121
1,1-Dichloroethane (1,1-DCA)	8260D	19.2	20.0	96	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	17.3	20.0	86	71-118
1,2-Dichloroethane	8260D	19.4	20.0	97	71-127
1,2-Dichloropropane	8260D	18.8	20.0	94	80-119
2-Butanone (MEK)	8260D	21.7	20.0	109	61-137
2-Hexanone	8260D	21.5	20.0	108	63-124
4-Methyl-2-pentanone	8260D	21.3	20.0	106	66-124
Acetone	8260D	16.3	20.0	82	40-161
Benzene	8260D	18.8	20.0	94	79-119
Bromodichloromethane	8260D	19.7	20.0	99	81-123
Bromoform	8260D	22.4	20.0	112	65-146
Bromomethane	8260D	14.0	20.0	70	42-166
Carbon Disulfide	8260D	17.8	20.0	89	66-128
Carbon Tetrachloride	8260D	17.4	20.0	87	70-127
Chlorobenzene	8260D	18.7	20.0	93	80-121
Chloroethane	8260D	18.1	20.0	91	62-131
Chloroform	8260D	18.8	20.0	94	79-120
Chloromethane	8260D	18.4	20.0	92	61-143
Dibromochloromethane	8260D	21.5	20.0	108	72-128
Dichloromethane	8260D	20.1	20.0	100	73-122
Ethylbenzene	8260D	19.2	20.0	96	76-120
Styrene	8260D	20.1	20.0	101	80-124
Tetrachloroethene (PCE)	8260D	18.0	20.0	90	72-125
Toluene	8260D	19.2	20.0	96	79-119
Trichloroethene (TCE)	8260D	19.1	20.0	96	74-122
Vinyl Acetate	8260D	23.1	20.0	116	52-174
Vinyl Chloride	8260D	18.2	20.0	91	74-159
Xylenes, Total	8260D	58.4	60.0	97	78-121
cis-1,2-Dichloroethene	8260D	18.9	20.0	95	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506820
Date Analyzed: 06/24/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507845-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260D	20.4	20.0	102	77-122
trans-1,2-Dichloroethene	8260D	19.3	20.0	97	73-118
trans-1,3-Dichloropropene	8260D	22.6	20.0	113	71-133

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506820

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-061025-008-JA	R2506820-001	82	58	40
WG-TR1045-061025-009-SG	R2506820-002	76	58	39
WG-TR1045-061025-011-SG	R2506820-003	81	60	40
WG-TR1045-061025-012-JA	R2506820-004	66	50	34
WG-TR1045-061025-013-SG	R2506820-005	79	68	45
WG-TR1045-061025-014-JA	R2506820-006	57	53	33
WG-TR1045-061025-015-SG	R2506820-007	56	45	29
WG-TR1045-061025-016-JA	R2506820-008	72	65	41
WG-TR1045-061025-017-SG	R2506820-009	78	70	46
WG-TR1045-061025-018-JA	R2506820-010	59	54	35
WG-TR1045-061025-019-SG	R2506820-011	65	57	37
WG-TR1045-061025-020-JA	R2506820-012	71	68	45
WG-TR1045-061025-021-SG	R2506820-013	72	70	46
WG-TR1045-061025-022-JA	R2506820-014	64	59	36
Method Blank	RQ2507196-01	88	76	54
Lab Control Sample	RQ2507196-02	102	75	48
Duplicate Lab Control Sample	RQ2507196-03	103	78	50
WG-TR1045-061025-011-SG MS	RQ2507196-04	100	70	42
WG-TR1045-061025-011-SG DMS	RQ2507196-05	97	75	47

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506820

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E

Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-061025-008-JA	R2506820-001	57	26	62
WG-TR1045-061025-009-SG	R2506820-002	57	26	79
WG-TR1045-061025-011-SG	R2506820-003	57	28	86
WG-TR1045-061025-012-JA	R2506820-004	49	23	69
WG-TR1045-061025-013-SG	R2506820-005	65	30	69
WG-TR1045-061025-014-JA	R2506820-006	51	22	50
WG-TR1045-061025-015-SG	R2506820-007	44	20	58
WG-TR1045-061025-016-JA	R2506820-008	64	28	64
WG-TR1045-061025-017-SG	R2506820-009	65	30	70
WG-TR1045-061025-018-JA	R2506820-010	50	23	58
WG-TR1045-061025-019-SG	R2506820-011	54	24	65
WG-TR1045-061025-020-JA	R2506820-012	64	29	65
WG-TR1045-061025-021-SG	R2506820-013	65	30	76
WG-TR1045-061025-022-JA	R2506820-014	52	24	67
Method Blank	RQ2507196-01	73	35	107
Lab Control Sample	RQ2507196-02	65	34	100
Duplicate Lab Control Sample	RQ2507196-03	69	34	103
WG-TR1045-061025-011-SG MS	RQ2507196-04	63	30	80
WG-TR1045-061025-011-SG DMS	RQ2507196-05	69	33	83

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25
		Date Analyzed:	06/18/25
		Date Extracted:	06/13/25

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA
Analysis Method:	8270E		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507196-04			RQ2507196-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	1.2 U	39.7	78.4	51	42.2	78.4	54	10-127	6	30
1,2-Dichlorobenzene	1.2 U	38.2	78.4	49	40.7	78.4	52	17-105	6	30
1,3-Dichlorobenzene	1.1 U	37.2	78.4	47	39.9	78.4	51	21-99	7	30
1,4-Dichlorobenzene	1.2 U	37.8	78.4	48	40.8	78.4	52	10-124	8	30
2,4,5-Trichlorophenol	1.1 U	62.9	78.4	80	68.3	78.4	87	48-134	8	30
2,4,6-Trichlorophenol	1.4 U	61.4	78.4	78	65.6	78.4	84	44-135	7	30
2,4-Dichlorophenol	1.3 U	55.9	78.4	71	62.0	78.4	79	40-130	10	30
2,4-Dimethylphenol	4.3 U	54.2	78.4	69	61.6	78.4	79	35-99	13	30
2,4-Dinitrophenol	20 U	35.9 J	78.4	46	35.2 J	78.4	45	21-168	2	30
2,4-Dinitrotoluene	2.4 U	69.7	78.4	89	69.9	78.4	89	37-143	<1	30
2,6-Dinitrotoluene	1.4 U	66.6	78.4	85	70.0	78.4	89	39-136	5	30
2-Chloronaphthalene	1.4 U	49.9	78.4	64	52.8	78.4	67	40-108	6	30
2-Chlorophenol	1.1 U	48.3	78.4	62	54.3	78.4	69	37-112	12	30
2-Methylnaphthalene	1.3 U	40.9	78.4	52	43.5	78.4	55	34-102	6	30
2-Methylphenol	1.0 U	49.4	78.4	63	56.7	78.4	72	37-102	14	30
2-Nitroaniline	1.4 U	63.0	78.4	80	66.6	78.4	85	40-136	6	30
2-Nitrophenol	1.5 U	52.2	78.4	67	59.2	78.4	75	27-143	13	30
3- and 4-Methylphenol Coelution	1.2 U	49.4	78.4	63	56.0	78.4	71	30-95	13	30
3-Nitroaniline	2.8 U	64.4	78.4	82	66.5	78.4	85	19-117	3	30
4,6-Dinitro-2-methylphenol	8.7 U	65.3	78.4	83	66.0	78.4	84	25-154	<1	30
4-Bromophenyl Phenyl Ether	1.7 U	57.7	78.4	74	57.9	78.4	74	39-115	<1	30
4-Chloro-3-methylphenol	1.1 U	57.2	78.4	73	62.2	78.4	79	41-126	8	30
4-Chloroaniline	2.6 U	65.1	78.4	83	71.5	78.4	91	19-111	9	30
4-Chlorophenyl Phenyl Ether	1.5 U	57.7	78.4	74	58.3	78.4	74	41-111	1	30
4-Nitroaniline	1.4 U	75.0	78.4	96	64.6	78.4	82	18-143	15	30
4-Nitrophenol	6.4 U	32.1 J	78.4	41	32.2 J	78.4	41	10-126	<1	30
Acenaphthene	1.4 U	52.7	78.4	67	54.4	78.4	69	43-117	3	30
Acenaphthylene	1.4 U	56.7	78.4	72	59.2	78.4	76	45-119	4	30
Anthracene	1.3 U	61.4	78.4	78	60.0	78.4	76	45-127	2	30
Benz(a)anthracene	1.6 U	65.0	78.4	83	62.8	78.4	80	46-126	4	30
Benzo(a)pyrene	1.2 U	73.5	78.4	94	70.4	78.4	90	44-114	4	30
Benzo(b)fluoranthene	1.2 U	61.8	78.4	79	59.2	78.4	75	41-127	4	30
Benzo(g,h,i)perylene	2.1 U	67.9	78.4	87	65.5	78.4	84	50-143	4	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25
		Date Analyzed:	06/18/25
		Date Extracted:	06/13/25

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA
Analysis Method:	8270E		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507196-04			RQ2507196-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	1.3 U	66.4	78.4	85	65.9	78.4	84	46-139	<1	30
Benzoic Acid	36 U	36 U	78.4	0 *	36 U	78.4	0 *	10-94	NC	30
Benzyl Alcohol	1.6 U	53.2	78.4	68	60.4	78.4	77	31-109	13	30
2,2'-Oxybis(1-chloropropane)	1.4 U	44.4	78.4	57	49.9	78.4	64	21-126	12	30
Bis(2-chloroethoxy)methane	1.9 U	53.7	78.4	68	61.4	78.4	78	41-118	13	30
Bis(2-chloroethyl) Ether	1.3 U	46.7	78.4	60	52.7	78.4	67	33-108	12	30
Bis(2-ethylhexyl) Phthalate	4.3 U	75.2	78.4	96	72.4	78.4	92	41-132	4	30
Butyl Benzyl Phthalate	2.9 U	66.7	78.4	85	65.0	78.4	83	41-148	3	30
Chrysene	1.2 U	65.1	78.4	83	62.8	78.4	80	47-126	4	30
Di-n-butyl Phthalate	1.7 U	65.2	78.4	83	63.6	78.4	81	43-130	2	30
Di-n-octyl Phthalate	3.3 U	85.5	78.4	109	82.9	78.4	106	40-139	3	30
Dibenz(a,h)anthracene	1.1 U	70.2	78.4	89	67.0	78.4	85	43-136	5	30
Dibenzofuran	1.4 U	55.6	78.4	71	57.7	78.4	74	46-119	4	30
Diethyl Phthalate	1.1 U	67.8	78.4	86	67.6	78.4	86	36-122	<1	30
Dimethyl Phthalate	1.3 U	65.6	78.4	84	68.5	78.4	87	33-123	4	30
Fluoranthene	1.5 U	59.5	78.4	76	57.8	78.4	74	43-135	3	30
Fluorene	1.3 U	58.4	78.4	75	59.5	78.4	76	43-113	2	30
Hexachlorobenzene	1.6 U	57.6	78.4	73	57.3	78.4	73	42-125	<1	30
Hexachlorobutadiene	2.2 U	37.4	78.4	48	41.0	78.4	52	10-111	9	30
Hexachlorocyclopentadiene	2.2 U	23.9	78.4	30	30.3	78.4	39	10-103	24	30
Hexachloroethane	1.1 U	35.8	78.4	46	38.7	78.4	49	12-101	8	30
Indeno(1,2,3-cd)pyrene	1.8 U	73.4	78.4	94	69.9	78.4	89	49-140	5	30
Isophorone	1.4 U	55.9	78.4	71	62.6	78.4	80	40-111	11	30
N-Nitrosodi-n-propylamine	1.2 U	50.6	78.4	64	57.2	78.4	73	35-108	12	30
N-Nitrosodiphenylamine	6.3 U	67.6	78.4	86	66.9	78.4	85	43-127	1	30
Naphthalene	1.2 U	42.3	78.4	54	44.8	78.4	57	37-108	6	30
Nitrobenzene	1.5 U	48.0	78.4	61	53.7	78.4	68	35-112	11	30
Pentachlorophenol (PCP)	9.7 U	48.4 J	78.4	62	45.2 J	78.4	58	29-164	7	30
Phenanthrene	1.4 U	56.3	78.4	72	55.6	78.4	71	46-123	1	30
Phenol	1.0 U	27.2	78.4	35	31.2	78.4	40	10-113	14	30
Pyrene	1.5 U	63.9	78.4	82	62.3	78.4	79	44-129	3	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507196-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	
1,2-Dichlorobenzene	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	
1,3-Dichlorobenzene	1.1 U	10	1.1	1	06/17/25 17:32	6/13/25	
1,4-Dichlorobenzene	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	
2,4,5-Trichlorophenol	1.1 U	10	1.1	1	06/17/25 17:32	6/13/25	
2,4,6-Trichlorophenol	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
2,4-Dichlorophenol	1.3 U	10	1.3	1	06/17/25 17:32	6/13/25	
2,4-Dimethylphenol	4.3 U	10	4.3	1	06/17/25 17:32	6/13/25	
2,4-Dinitrophenol	20 U	50	20	1	06/17/25 17:32	6/13/25	
2,4-Dinitrotoluene	2.4 U	10	2.4	1	06/17/25 17:32	6/13/25	
2,6-Dinitrotoluene	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
2-Chloronaphthalene	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
2-Chlorophenol	1.1 U	10	1.1	1	06/17/25 17:32	6/13/25	
2-Methylnaphthalene	1.3 U	10	1.3	1	06/17/25 17:32	6/13/25	
2-Methylphenol	1.0 U	10	1.0	1	06/17/25 17:32	6/13/25	
2-Nitroaniline	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
2-Nitrophenol	1.5 U	10	1.5	1	06/17/25 17:32	6/13/25	
3,3'-Dichlorobenzidine	2.7 U	10	2.7	1	06/17/25 17:32	6/13/25	
3- and 4-Methylphenol Coelution	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	
3-Nitroaniline	2.8 U	10	2.8	1	06/17/25 17:32	6/13/25	
4,6-Dinitro-2-methylphenol	8.7 U	50	8.7	1	06/17/25 17:32	6/13/25	
4-Bromophenyl Phenyl Ether	1.7 U	10	1.7	1	06/17/25 17:32	6/13/25	
4-Chloro-3-methylphenol	1.1 U	10	1.1	1	06/17/25 17:32	6/13/25	
4-Chloroaniline	2.6 U	10	2.6	1	06/17/25 17:32	6/13/25	
4-Chlorophenyl Phenyl Ether	1.5 U	10	1.5	1	06/17/25 17:32	6/13/25	
4-Nitroaniline	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
4-Nitrophenol	6.4 U	50	6.4	1	06/17/25 17:32	6/13/25	
Acenaphthene	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
Acenaphthylene	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
Anthracene	1.3 U	10	1.3	1	06/17/25 17:32	6/13/25	
Benz(a)anthracene	1.6 U	10	1.6	1	06/17/25 17:32	6/13/25	
Benzo(a)pyrene	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	
Benzo(b)fluoranthene	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	
Benzo(g,h,i)perylene	2.1 U	10	2.1	1	06/17/25 17:32	6/13/25	
Benzo(k)fluoranthene	1.3 U	10	1.3	1	06/17/25 17:32	6/13/25	
Benzoic Acid	36 U	50	36	1	06/17/25 17:32	6/13/25	
Benzyl Alcohol	1.6 U	10	1.6	1	06/17/25 17:32	6/13/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
Bis(2-chloroethoxy)methane	1.9 U	10	1.9	1	06/17/25 17:32	6/13/25	
Bis(2-chloroethyl) Ether	1.3 U	10	1.3	1	06/17/25 17:32	6/13/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	10	4.3	1	06/17/25 17:32	6/13/25	
Butyl Benzyl Phthalate	2.9 U	10	2.9	1	06/17/25 17:32	6/13/25	
Chrysene	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507196-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	10	1.7	1	06/17/25 17:32	6/13/25	
Di-n-octyl Phthalate	3.3 U	10	3.3	1	06/17/25 17:32	6/13/25	
Dibenz(a,h)anthracene	1.1 U	10	1.1	1	06/17/25 17:32	6/13/25	
Dibenzofuran	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
Diethyl Phthalate	1.1 U	10	1.1	1	06/17/25 17:32	6/13/25	
Dimethyl Phthalate	1.3 U	10	1.3	1	06/17/25 17:32	6/13/25	
Fluoranthene	1.5 U	10	1.5	1	06/17/25 17:32	6/13/25	
Fluorene	1.3 U	10	1.3	1	06/17/25 17:32	6/13/25	
Hexachlorobenzene	1.6 U	10	1.6	1	06/17/25 17:32	6/13/25	
Hexachlorobutadiene	2.2 U	10	2.2	1	06/17/25 17:32	6/13/25	
Hexachlorocyclopentadiene	2.2 U	10	2.2	1	06/17/25 17:32	6/13/25	
Hexachloroethane	1.1 U	10	1.1	1	06/17/25 17:32	6/13/25	
Indeno(1,2,3-cd)pyrene	1.8 U	10	1.8	1	06/17/25 17:32	6/13/25	
Isophorone	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
N-Nitrosodi-n-propylamine	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	
N-Nitrosodiphenylamine	6.3 U	10	6.3	1	06/17/25 17:32	6/13/25	
Naphthalene	1.2 U	10	1.2	1	06/17/25 17:32	6/13/25	
Nitrobenzene	1.5 U	10	1.5	1	06/17/25 17:32	6/13/25	
Pentachlorophenol (PCP)	9.7 U	50	9.7	1	06/17/25 17:32	6/13/25	
Phenanthrene	1.4 U	10	1.4	1	06/17/25 17:32	6/13/25	
Phenol	1.0 U	10	1.0	1	06/17/25 17:32	6/13/25	
Pyrene	1.5 U	10	1.5	1	06/17/25 17:32	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	88	31 - 133	06/17/25 17:32	
2-Fluorobiphenyl	76	25 - 99	06/17/25 17:32	
2-Fluorophenol	54	15 - 72	06/17/25 17:32	
Nitrobenzene-d5	73	22 - 104	06/17/25 17:32	
Phenol-d6	35	10 - 55	06/17/25 17:32	
p-Terphenyl-d14	107	10 - 143	06/17/25 17:32	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506820
Date Analyzed: 06/17/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507196-02			RQ2507196-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270E	34.6	80.0	43	34.8	80.0	43	26-85	<1	30
1,2-Dichlorobenzene	8270E	34.2	80.0	43	33.8	80.0	42	20-85	<1	30
1,3-Dichlorobenzene	8270E	33.0	80.0	41	32.5	80.0	41	18-83	1	30
1,4-Dichlorobenzene	8270E	33.5	80.0	42	33.6	80.0	42	18-82	<1	30
2,4,5-Trichlorophenol	8270E	73.4	80.0	92	74.3	80.0	93	55-114	1	30
2,4,6-Trichlorophenol	8270E	70.8	80.0	89	70.8	80.0	88	49-103	<1	30
2,4-Dichlorophenol	8270E	65.3	80.0	82	65.5	80.0	82	43-101	<1	30
2,4-Dimethylphenol	8270E	66.1	80.0	83	64.7	80.0	81	45-129	2	30
2,4-Dinitrophenol	8270E	61.8	80.0	77	64.9	80.0	81	14-129	5	30
2,4-Dinitrotoluene	8270E	82.7	80.0	103	83.8	80.0	105	58-124	1	30
2,6-Dinitrotoluene	8270E	79.2	80.0	99	78.1	80.0	98	62-126	1	30
2-Chloronaphthalene	8270E	51.1	80.0	64	50.7	80.0	63	38-97	<1	30
2-Chlorophenol	8270E	58.2	80.0	73	58.8	80.0	73	33-93	<1	30
2-Methylnaphthalene	8270E	39.2	80.0	49	38.5	80.0	48	35-94	2	30
2-Methylphenol	8270E	61.0	80.0	76	60.5	80.0	76	41-97	<1	30
2-Nitroaniline	8270E	68.3	80.0	85	69.2	80.0	87	56-122	1	30
2-Nitrophenol	8270E	58.4	80.0	73	60.6	80.0	76	36-101	4	30
3- and 4-Methylphenol Coelution	8270E	60.7	80.0	76	59.6	80.0	75	40-92	2	30
3-Nitroaniline	8270E	72.1	80.0	90	73.7	80.0	92	52-115	2	30
4,6-Dinitro-2-methylphenol	8270E	74.9	80.0	94	76.4	80.0	95	31-119	2	30
4-Bromophenyl Phenyl Ether	8270E	70.4	80.0	88	70.2	80.0	88	54-123	<1	30
4-Chloro-3-methylphenol	8270E	66.6	80.0	83	65.6	80.0	82	52-104	1	30
4-Chloroaniline	8270E	78.1	80.0	98	76.9	80.0	96	43-113	2	30
4-Chlorophenyl Phenyl Ether	8270E	69.5	80.0	87	69.1	80.0	86	52-113	<1	30
4-Nitroaniline	8270E	66.1	80.0	83	66.4	80.0	83	54-118	<1	30
4-Nitrophenol	8270E	31.5 J	80.0	39	35.5 J	80.0	44	16-64	12	30
Acenaphthene	8270E	59.4	80.0	74	59.1	80.0	74	46-103	<1	30
Acenaphthylene	8270E	64.7	80.0	81	64.2	80.0	80	51-114	<1	30
Anthracene	8270E	74.3	80.0	93	74.1	80.0	93	61-115	<1	30
Benz(a)anthracene	8270E	78.4	80.0	98	80.2	80.0	100	60-110	2	30
Benzo(a)pyrene	8270E	87.1	80.0	109	88.5	80.0	111	68-137	2	30
Benzo(b)fluoranthene	8270E	72.8	80.0	91	74.2	80.0	93	59-114	2	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506820
Date Analyzed: 06/17/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507196-02			RQ2507196-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270E	78.2	80.0	98	79.7	80.0	100	60-123	2	30
Benzo(k)fluoranthene	8270E	85.0	80.0	106	87.2	80.0	109	62-122	3	30
Benzoic Acid	8270E	36 U	80.0	0 *	36 U	80.0	0 *	10-110	NC	30
Benzyl Alcohol	8270E	64.9	80.0	81	63.2	80.0	79	46-106	3	30
2,2'-Oxybis(1-chloropropane)	8270E	53.2	80.0	67	52.3	80.0	65	32-104	2	30
Bis(2-chloroethoxy)methane	8270E	67.0	80.0	84	64.5	80.0	81	55-126	4	30
Bis(2-chloroethyl) Ether	8270E	57.6	80.0	72	57.2	80.0	71	36-101	<1	30
Bis(2-ethylhexyl) Phthalate	8270E	84.9	80.0	106	86.7	80.0	108	51-132	2	30
Butyl Benzyl Phthalate	8270E	76.3	80.0	95	77.6	80.0	97	54-122	2	30
Chrysene	8270E	83.0	80.0	104	85.1	80.0	106	64-116	3	30
Di-n-butyl Phthalate	8270E	79.0	80.0	99	79.7	80.0	100	61-147	<1	30
Di-n-octyl Phthalate	8270E	86.6	80.0	108	89.2	80.0	111	43-139	3	30
Dibenz(a,h)anthracene	8270E	78.6	80.0	98	81.1	80.0	101	34-140	3	30
Dibenzofuran	8270E	65.7	80.0	82	65.5	80.0	82	50-107	<1	30
Diethyl Phthalate	8270E	78.5	80.0	98	78.7	80.0	98	57-113	<1	30
Dimethyl Phthalate	8270E	76.8	80.0	96	76.5	80.0	96	64-114	<1	30
Fluoranthene	8270E	70.4	80.0	88	70.9	80.0	89	58-129	<1	30
Fluorene	8270E	69.8	80.0	87	68.7	80.0	86	54-111	2	30
Hexachlorobenzene	8270E	71.9	80.0	90	70.4	80.0	88	54-122	2	30
Hexachlorobutadiene	8270E	32.4	80.0	40	32.5	80.0	41	25-89	<1	30
Hexachlorocyclopentadiene	8270E	30.6	80.0	38	30.8	80.0	38	10-71	<1	30
Hexachloroethane	8270E	30.2	80.0	38	31.0	80.0	39	16-81	3	30
Indeno(1,2,3-cd)pyrene	8270E	77.7	80.0	97	78.5	80.0	98	54-119	1	30
Isophorone	8270E	67.8	80.0	85	67.3	80.0	84	51-108	<1	30
N-Nitrosodi-n-propylamine	8270E	62.6	80.0	78	61.7	80.0	77	44-101	2	30
N-Nitrosodiphenylamine	8270E	78.6	80.0	98	78.9	80.0	99	65-126	<1	30
Naphthalene	8270E	40.4	80.0	51	40.4	80.0	50	32-91	<1	30
Nitrobenzene	8270E	56.5	80.0	71	56.6	80.0	71	39-100	<1	30
Pentachlorophenol (PCP)	8270E	61.6	80.0	77	64.0	80.0	80	11-154	4	30
Phenanthrene	8270E	68.2	80.0	85	67.5	80.0	84	60-111	1	30
Phenol	8270E	32.7	80.0	41	32.1	80.0	40	10-67	2	30
Pyrene	8270E	77.7	80.0	97	78.5	80.0	98	62-111	1	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506820

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B

Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 111	Tetrachloro-m-xylene 10 - 101
WG-TR1045-061025-008-JA	R2506820-001	28	61
WG-TR1045-061025-009-SG	R2506820-002	51	57
WG-TR1045-061025-011-SG	R2506820-003	61	56
WG-TR1045-061025-012-JA	R2506820-004	24	61
WG-TR1045-061025-013-SG	R2506820-005	43	52
WG-TR1045-061025-014-JA	R2506820-006	23	48
WG-TR1045-061025-015-SG	R2506820-007	37	49
WG-TR1045-061025-016-JA	R2506820-008	33	54
WG-TR1045-061025-017-SG	R2506820-009	42	55
WG-TR1045-061025-018-JA	R2506820-010	41	43
WG-TR1045-061025-019-SG	R2506820-011	43	54
WG-TR1045-061025-020-JA	R2506820-012	46	54
WG-TR1045-061025-021-SG	R2506820-013	39	48
WG-TR1045-061025-022-JA	R2506820-014	50	70
Method Blank	RQ2507200-03	51	55
Method Blank	RQ2507200-03	59	55
WG-TR1045-061025-011-SG MS	RQ2507200-06	59	56
WG-TR1045-061025-011-SG DMS	RQ2507200-07	49	53
Lab Control Sample	RQ2507200-10	51	65
Lab Control Sample	RQ2507200-10	59	66
Duplicate Lab Control Sample	RQ2507200-11	60	72
Duplicate Lab Control Sample	RQ2507200-11	64	66

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25
		Date Analyzed:	06/26/25
		Date Extracted:	06/13/25

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA
Analysis Method:	8081B		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507200-06			RQ2507200-07					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	0.020 U	0.366	0.392	93	0.348	0.392	89	38-157	5	30
4,4'-DDE	0.020 U	0.319	0.392	81	0.302	0.392	77	10-200	5	30
4,4'-DDT	0.020 U	0.388	0.392	99	0.366	0.392	93	19-154	6	30
Aldrin	0.020 U	0.245	0.392	63	0.241	0.392	61	26-149	2	30
Dieldrin	0.020 U	0.357	0.392	91	0.348	0.392	89	41-164	2	30
Endosulfan I	0.020 U	0.345	0.392	88	0.328	0.392	84	47-149	5	30
Endosulfan II	0.020 U	0.361	0.392	92	0.344	0.392	88	51-148	5	30
Endosulfan Sulfate	0.020 U	0.347	0.392	88	0.325	0.392	83	10-170	6	30
Endrin	0.020 U	0.369	0.392	94	0.354	0.392	90	48-165	4	30
Endrin Ketone	0.020 U	0.393	0.392	100	0.376	0.392	96	48-162	4	30
Heptachlor	0.020 U	0.302	0.392	77	0.302	0.392	77	29-168	<1	30
Heptachlor Epoxide	0.020 U	0.352	0.392	90	0.335	0.392	86	29-180	5	30
Methoxychlor	0.020 U	0.440	0.392	112	0.420	0.392	107	38-162	5	30
alpha-BHC	0.020 U	0.342	0.392	87	0.328	0.392	84	27-154	4	30
alpha-Chlordane	0.020 U	0.329	0.392	84	0.315	0.392	80	35-160	5	30
beta-BHC	0.020 U	0.334	0.392	85	0.321	0.392	82	32-184	4	30
delta-BHC	0.020 U	0.336	0.392	86	0.315	0.392	80	10-182	6	30
gamma-BHC (Lindane)	0.020 U	0.343	0.392	87	0.326	0.392	83	43-164	5	30
gamma-Chlordane	0.020 U	0.317	0.392	81	0.306	0.392	78	35-165	4	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507200-03	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
4,4'-DDE	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
4,4'-DDT	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Aldrin	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Dieldrin	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Endosulfan I	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Endosulfan II	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Endosulfan Sulfate	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Endrin	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Endrin Ketone	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Heptachlor	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Heptachlor Epoxide	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Methoxychlor	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/24/25 23:26	6/13/25	
alpha-BHC	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
alpha-Chlordane	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
beta-BHC	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
delta-BHC	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	
gamma-Chlordane	0.020 U	0.050	0.020	1	06/24/25 23:26	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507200-03	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 111	06/24/25 23:26	
Tetrachloro-m-xylene	55	10 - 101	06/24/25 23:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507200-03	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
4,4'-DDE	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
4,4'-DDT	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Aldrin	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Dieldrin	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Endosulfan I	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Endosulfan II	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Endosulfan Sulfate	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Endrin	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Endrin Ketone	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Heptachlor	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Heptachlor Epoxide	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Methoxychlor	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 15:50	6/13/25	
alpha-BHC	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
alpha-Chlordane	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
beta-BHC	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
delta-BHC	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
gamma-BHC (Lindane)	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	
gamma-Chlordane	0.020 U	0.050	0.020	1	06/26/25 15:50	6/13/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507200-03	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	59	10 - 111	06/26/25 15:50	
Tetrachloro-m-xylene	55	10 - 101	06/26/25 15:50	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506820
Date Analyzed: 06/26/25

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507200-10			RQ2507200-11					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.390	0.400	97	0.369	0.400	92	38-116	5	30
4,4'-DDE	8081B	0.355	0.400	89	0.336	0.400	84	40-107	6	30
4,4'-DDT	8081B	0.429	0.400	107	0.401	0.400	100	41-121	7	30
Aldrin	8081B	0.298	0.400	74	0.291	0.400	73	27-85	2	30
Dieldrin	8081B	0.374	0.400	93	0.353	0.400	88	45-112	6	30
Endosulfan I	8081B	0.358	0.400	90	0.339	0.400	85	44-111	5	30
Endosulfan II	8081B	0.380	0.400	95	0.360	0.400	90	44-114	5	30
Endosulfan Sulfate	8081B	0.386	0.400	96	0.362	0.400	90	38-119	6	30
Endrin	8081B	0.383	0.400	96	0.358	0.400	90	47-116	7	30
Endrin Ketone	8081B	0.405	0.400	101	0.386	0.400	96	44-120	5	30
Heptachlor	8081B	0.361	0.400	90	0.347	0.400	87	33-99	4	30
Heptachlor Epoxide	8081B	0.371	0.400	93	0.355	0.400	89	46-111	5	30
Methoxychlor	8081B	0.468	0.400	117	0.432	0.400	108	29-138	8	30
alpha-BHC	8081B	0.353	0.400	88	0.333	0.400	83	39-107	6	30
alpha-Chlordane	8081B	0.363	0.400	91	0.345	0.400	86	44-107	5	30
beta-BHC	8081B	0.347	0.400	87	0.328	0.400	82	47-110	6	30
delta-BHC	8081B	0.366	0.400	91	0.343	0.400	86	43-109	7	30
gamma-BHC (Lindane)	8081B	0.355	0.400	89	0.330	0.400	83	41-105	7	30
gamma-Chlordane	8081B	0.365	0.400	91	0.350	0.400	88	41-107	4	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506820

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A

Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 118	Tetrachloro-m-xylene 10 - 103
WG-TR1045-061025-008-JA	R2506820-001	28	60
WG-TR1045-061025-009-SG	R2506820-002	44	57
WG-TR1045-061025-011-SG	R2506820-003	53	57
WG-TR1045-061025-012-JA	R2506820-004	24	59
WG-TR1045-061025-013-SG	R2506820-005	43	53
WG-TR1045-061025-014-JA	R2506820-006	23	48
WG-TR1045-061025-015-SG	R2506820-007	39	49
WG-TR1045-061025-016-JA	R2506820-008	35	55
WG-TR1045-061025-017-SG	R2506820-009	42	55
WG-TR1045-061025-018-JA	R2506820-010	42	44
WG-TR1045-061025-019-SG	R2506820-011	42	54
WG-TR1045-061025-020-JA	R2506820-012	47	52
WG-TR1045-061025-021-SG	R2506820-013	40	48
WG-TR1045-061025-022-JA	R2506820-014	52	72
Method Blank	RQ2507200-03	49	55
Method Blank	RQ2507200-03	51	55
WG-TR1045-061025-011-SG MS	RQ2507200-08	48	61
WG-TR1045-061025-011-SG DMS	RQ2507200-09	52	58
Lab Control Sample	RQ2507200-12	28	65
Lab Control Sample	RQ2507200-12	30	69
Duplicate Lab Control Sample	RQ2507200-13	27	65
Duplicate Lab Control Sample	RQ2507200-13	28	66

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/10/25
Sample Matrix:	Water	**Date Received:**	06/11/25
		Date Analyzed:	06/26/25
		Date Extracted:	06/13/25

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	WG-TR1045-061025-011-SG	**Units:**	ug/L
Lab Code:	R2506820-003	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507200-08			RQ2507200-09					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	0.50 U	6.69	9.80	68	5.83	9.80	59	32-142	14	30
Aroclor 1260	0.50 U	7.00	9.80	71	6.07	9.80	62	28-142	14	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507200-03	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	1.0	0.50	1	06/26/25 04:11	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 04:11	6/13/25	
Aroclor 1232	0.50 U	1.0	0.50	1	06/26/25 04:11	6/13/25	
Aroclor 1242	0.50 U	1.0	0.50	1	06/26/25 04:11	6/13/25	
Aroclor 1248	0.50 U	1.0	0.50	1	06/26/25 04:11	6/13/25	
Aroclor 1254	0.50 U	1.0	0.50	1	06/26/25 04:11	6/13/25	
Aroclor 1260	0.50 U	1.0	0.50	1	06/26/25 04:11	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/26/25 04:11	
Tetrachloro-m-xylene	55	10 - 103	06/26/25 04:11	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506820
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507200-03	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	1.0	0.50	1	06/26/25 07:48	6/13/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 07:48	6/13/25	
Aroclor 1232	0.50 U	1.0	0.50	1	06/26/25 07:48	6/13/25	
Aroclor 1242	0.50 U	1.0	0.50	1	06/26/25 07:48	6/13/25	
Aroclor 1248	0.50 U	1.0	0.50	1	06/26/25 07:48	6/13/25	
Aroclor 1254	0.50 U	1.0	0.50	1	06/26/25 07:48	6/13/25	
Aroclor 1260	0.50 U	1.0	0.50	1	06/26/25 07:48	6/13/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 118	06/26/25 07:48	
Tetrachloro-m-xylene	55	10 - 103	06/26/25 07:48	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506820
Date Analyzed: 06/26/25

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507200-12			RQ2507200-13					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	7.32	10.0	73	7.08	10.0	71	35-131	3	30
Aroclor 1260	8082A	7.43	10.0	74	6.82	10.0	68	37-141	8	30

July 07, 2025 Service Request No:R2506995

Ms. Sheri Finn
GHD Services Inc.
2055 Niagara Falls Blvd.,
Niagara Falls, NY 14304

Laboratory Results for: Love Canal:292-402-D02-3100

Dear Ms.Finn,

Enclosed are the results of the sample(s) submitted to our laboratory June 13, 2025
For your reference, these analyses have been assigned our service request number **R2506995.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Dennis Hoyt

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100
Sample Matrix: Water

Service Request: R2506995
Date Received: 06/13/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Eighteen water samples were received for analysis at ALS Environmental on 06/13/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

No significant anomalies were noted with this analysis.

Semivoa GC:

Method 8081B, 884476s: The control limits were exceeded for one or more surrogates due to matrix interferences. Due to the presence of non-target background components that prevented adequate resolution of the surrogate, accurate quantitation was not possible. No further corrective action was appropriate. Samples -013 and -015.

Method 8081B, 06/27/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8082A, 884228s: The control limits were exceeded for one or more surrogates due to matrix interferences. Due to the presence of non-target background components that prevented adequate resolution of the surrogate, accurate quantitation was not possible. No further corrective action was appropriate. Samples -013 and -015.

Volatiles by GC/MS:

Method 8260D, 06/23/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 06/23/2025: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260D, : The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, : The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not

Approved by Meghan Pedro Date 07/07/2025

affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 07/07/2025

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:**R2506995

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

SAMPLE CROSS-REFERENCE

R2506995-001	WG-TR1045-061125-023-SG	6/11/2025	0940
R2506995-002	WG-TR1045-061125-024-JA	6/11/2025	1035
R2506995-003	WG-TR1045-061125-025-SG	6/11/2025	1050
R2506995-004	WG-TR1045-061125-026-JA	6/11/2025	1140
R2506995-005	WG-TR1045-061125-027-SG	6/11/2025	1205
R2506995-006	WG-TR1045-061125-028-JA	6/11/2025	1225
R2506995-007	WG-TR1045-061125-029-SG	6/11/2025	1320
R2506995-008	WG-TR1045-061125-030-JA	6/11/2025	1325
R2506995-009	LCANNUAL-061125	6/11/2025	
R2506995-010	WG-TR1045-061225-031-SG	6/12/2025	1015
R2506995-011	WG-TR1045-061225-032-JA	6/12/2025	1020
R2506995-012	WG-TR1045-061225-033-SG	6/12/2025	1135
R2506995-013	WG-TR1045-061225-034-JA	6/12/2025	1125
R2506995-014	WG-TR1045-061225-035-SG	6/12/2025	1135
R2506995-015	WG-TR1045-061225-036-JA	6/12/2025	1255
R2506995-016	WG-TR1045-061225-037-SG	6/12/2025	1405
R2506995-017	WG-TR1045-061225-038-JA	6/12/2025	1405
R2506995-018	LCANNUAL-061225	6/12/2025	

CHAIN OF CUSTODY RECORD

Laboratory: ALS
1565 Jefferson Road Building 300, Suite 360 Rochester, NY 14623
(585) 288-5380

WO # / LAB USE ONLY:

DATE: 06/12/25
PAGE: 1 OF 1

LABORATORY CLIENT: GSH/Geosyntec
Report to Sheri Finn, Alden Wells & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-342-6968 Fax:

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)

PROJECT CONTACT: Alden Wells & Dennis Hoyt

E-MAIL: alden.wells@geosyntec.com dhoyt@geosyntec.com

P.O. NO.: 292-402-D02-3100

SAMPLER(S): (PRINT): Shawn Gardner/ Justin Adams

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-061125-023-SG	6/11/2025	9:40	WG	7	X	X	X	X	X	X			
	WG-TR1045-061125-024-JA	6/11/2025	10:35	WG	7	X	X	X	X	X	X			
	WG-TR1045-061125-025-SG	6/11/2025	10:50	WG	7	X	X	X	X	X	X			
	WG-TR1045-061125-026-JA	6/11/2025	11:40	WG	7	X	X	X	X	X	X			
	WG-TR1045-061125-027-SG	6/11/2025	12:05	WG	7	X	X	X	X	X	X			
	WG-TR1045-061125-028-JA	6/11/2025	12:25	WG	7	X	X	X	X	X	X			
	WG-TR1045-061125-029-SG	6/11/2025	13:20	WG	7	X	X	X	X	X	X			
	WG-TR1045-061125-030-JA	6/11/2025	13:25	WG	7	X	X	X	X	X	X			
	LCANNUAL-061125			WGQ	2		X				X			

R2506995 5
GHD Services Inc.
Love Canal:292-402-D02-3100

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
Shawn Gardner	Shawn Gardner	6/12/25	0800	Roman Mazzilli	Geosyntec	6/13/25	12:45

CHAIN OF CUSTODY RECORD

Laboratory: ALS
1565 Jefferson Road Building 300, Suite 360 Rochester, NY 14623
(585) 288-5380

WO # / LAB USE ONLY:

DATE: 06/12/25
PAGE: 1 OF 1

LABORATORY CLIENT: GSH/Geosyntec
Report to Sheri Finn, Alden Wells & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-342-6966 Fax:

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)

PROJECT CONTACT: Alden Wells & Dennis Hoyt

E-MAIL: alden.wells@geosyntec.com dhoyt@geosyntec.com

P.O. NO.: 292-402-D02-3100

SAMPLER(S): (PRINT) Shawn Gardner/ Justin Adams

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-061225-031-SG	6/12/2025	10:15	WG	7	X	X	X	X	X	X			
	WG-TR1045-061225-032-JA	6/12/2025	10:20	WG	7	X	X	X	X	X	X			
	WG-TR1045-061225-033-SG	6/12/2025	11:35	WG	7	X	X	X	X	X	X			
	WG-TR1045-061225-034-JA	6/12/2025	11:25	WG	7	X	X	X	X	X	X			
	WG-TR1045-061225-035-SG	6/12/2025	11:35	WG	7	X	X	X	X	X	X			
	WG-TR1045-061225-036-JA	6/12/2025	12:55	WG	7	X	X	X	X	X	X			
	WG-TR1045-061225-037-SG	6/12/2025	14:05	WG	7	X	X	X	X	X	X			
	WG-TR1045-061225-038-JA	6/12/2025	14:05	WG	7	X	X	X	X	X	X			
	LCANNUALTRIP-061225			WGO	2		X				X			

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
Shawn Gardner	Shawn Gardner	6/12/25	1530	Roman Mazzulli	Roman Mazzulli ALS	6/13/25	12:45

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR# T063929

001

ALS Environmental
1565 Jefferson Road, Bldg 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 / FAX (585) 288-8475
www.alsglobal.com

Project Name: Love Canal:292-402-D02-3100	
Project Number: 11225661 Annual Long Term Monitoring	Report To Kathy Willy
Company / Address GHD 2055 Niagara Falls Blvd., Niagara Falls NY, 14304	
Phone # 716-205-1945	FAX # 716-297-2265
Sampler Signature	Sampler Printed Name

CLIENT SAMPLE ID	LABID	SAMPLING Date Time	Matrix	NUMBER OF CONTAINERS	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVO	14D 8260C / VOC FP	1	2	3	4	5	Remarks
			Liquid	7	X	X	X	X						
			Liquid											
			Liquid											
			Liquid											
			Liquid											
			Liquid											
			Liquid											
			Liquid											
			Liquid											
			Liquid											

Special Instructions/Comments:

Turnaround Requirements

___ RUSH (SURCHARGES APPLY)

___ Standard

_____ REQUESTED FAX DATE

_____ Requested Report Date

Report Requirements

___ I. Results Only

___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

___ III. Results + QC and Cilibration Summaries

___ IV. Data Validation Report with Raw Data

EData _____Yes _____No

Invoice Information

P.O.#_____

Bill To:_____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature Roman Mazzulli	Signature	Signature	Signature	Signature
Printed Name	Printed Name Roman Mazzulli	Printed Name	Printed Name	Printed Name	Printed Name
Firm	Firm ALS	Firm	Firm	Firm	Firm
Date/Time	Date/Time 6/13/25 12:45	Date/Time	Date/Time	Date/Time	Date/Time

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

1565 Jefferson Road, Bldg 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 / FAX (585) 288-8475
www.alsglobal.com

001

SR#

T063929

Project Name: Love Canal:292-402-D02-3100	
Project Number: 11225661 Annual Long Term Monitoring	Report To Kathy Willy
Company / Address GHD 2055 Niagara Falls Blvd., Niagara Falls NY, 14304	
Phone # 716-205-1945	FAX # 716-297-2265
Sampler Signature	Sampler Printed Name

CLIENT SAMPLE ID	LABID	SAMPLING Date	Time	Matrix	NUMBER OF CONTAINERS	7D 8081B / Pest OC	8082A / PCB	8270D / SVO	14D 8260C / VOC FP	1	2	3	4	5	Remarks
				Liquid	7	X	X	X	X						
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											
				Liquid											

Special Instructions/Comments:

Turnaround Requirements

___ RUSH (SURCHARGES APPLY)

___ Standard

REQUESTED FAX DATE

Requested Report Date

Report Requirements

___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Cilibration Summaries
___ IV. Data Validation Report with Raw Data

EData ____Yes ____No

Invoice Information

P.O.#

Bill To:

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature [illegible]	Signature	Signature	Signature	Signature
Printed Name	Printed Name Roman Mazzuli	Printed Name	Printed Name	Printed Name	Printed Name
Firm	Firm ALS	Firm	Firm	Firm	Firm
Date/Time	Date/Time 6/13/25 12:45	Date/Time	Date/Time	Date/Time	Date/Time

Cooler Receipt and Preserv

R2506995 5
GHD Services Inc.
Love Canal:292-402-002-3100

Project/Client _____ Folder Numbe

Cooler received on 6/13/25 by: RM

COURIER: ALS UPS (FEDEX) VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	(Y) N		5a	Did **VOA** vials have sig* **bubbles?**	Y (N) NA	
2	**Custody papers** properly completed (ink, signed)?	(Y) N		5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?** Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N		6	Where did the bottles originate?	(ALS/ROC) CLIENT	
4	Circle: (**Wet Ice**) **Dry Ice** **Gel packs** present?	(Y) N		7	Soil VOA received as:	Bulk Encore 5035set (NA)	

8. Temperature Readings Date: 6/13/25 Time: 13:17 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	1.4	1.3	1.4	1.3			
Within 0-6°C?	(Y) N	(Y) N	(Y) N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by RM on 6/13 at 14:06
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/14/25 Time: 12:10 by: MRW

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**	240088337	1127				

Bottle lot numbers: 120924-1GJ, 093024-3AXH
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: _____ *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
8270E	Water	3- and 4-Methylphenol Coelution

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Service Request: R2506995

Sample Name: WG-TR1045-061125-023-SG
Lab Code: R2506995-001
Sample Matrix: Water
Date Collected: 06/11/25
Date Received: 06/13/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061125-024-JA
Lab Code: R2506995-002
Sample Matrix: Water
Date Collected: 06/11/25
Date Received: 06/13/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061125-025-SG
Lab Code: R2506995-003
Sample Matrix: Water
Date Collected: 06/11/25
Date Received: 06/13/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		FNAEGLER
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061125-026-JA
Lab Code: R2506995-004
Sample Matrix: Water
Date Collected: 06/11/25
Date Received: 06/13/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-061125-026-JA **Date Collected:** 06/11/25
Lab Code: R2506995-004 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061125-027-SG **Date Collected:** 06/11/25
Lab Code: R2506995-005 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061125-028-JA **Date Collected:** 06/11/25
Lab Code: R2506995-006 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061125-029-SG **Date Collected:** 06/11/25
Lab Code: R2506995-007 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-061125-029-SG **Date Collected:** 06/11/25
Lab Code: R2506995-007 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061125-030-JA **Date Collected:** 06/11/25
Lab Code: R2506995-008 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: LCANNUAL-061125 **Date Collected:** 06/11/25
Lab Code: R2506995-009 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: WG-TR1045-061225-031-SG **Date Collected:** 06/12/25
Lab Code: R2506995-010 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		FNAEGLER
8270E	JVANHEYNINGEN	AMOSES

Client: Glenn Springs Holdings, Inc.
Service Request: R2506995
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-061225-032-JA
Date Collected: 06/12/25
Lab Code: R2506995-011
Date Received: 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		FNAEGLER
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061225-033-SG
Date Collected: 06/12/25
Lab Code: R2506995-012
Date Received: 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061225-034-JA
Date Collected: 06/12/25
Lab Code: R2506995-013
Date Received: 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061225-035-SG
Date Collected: 06/12/25
Lab Code: R2506995-014
Date Received: 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-061225-035-SG **Date Collected:** 06/12/25
Lab Code: R2506995-014 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061225-036-JA **Date Collected:** 06/12/25
Lab Code: R2506995-015 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061225-037-SG **Date Collected:** 06/12/25
Lab Code: R2506995-016 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		FNAEGLER
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061225-038-JA **Date Collected:** 06/12/25
Lab Code: R2506995-017 **Date Received:** 06/13/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-061225-038-JA	**Date Collected:**	06/12/25
Lab Code:	R2506995-017	**Date Received:**	06/13/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	LCANNUAL-061225	**Date Collected:**	06/12/25
Lab Code:	R2506995-018	**Date Received:**	06/13/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 09:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-023-SG	**Units:**	ug/L
Lab Code:	R2506995-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 16:12	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 16:12	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 16:12	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 16:12	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 16:12	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 16:12	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 16:12	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 16:12	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 16:12	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 16:12	
Acetone	5.0 U	5.0	5.0	1	06/24/25 16:12	
Benzene	0.20 U	1.0	0.20	1	06/24/25 16:12	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 16:12	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 16:12	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 16:12	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 16:12	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 16:12	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 16:12	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 16:12	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 16:12	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 16:12	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 16:12	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 16:12	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 16:12	
Styrene	0.20 U	1.0	0.20	1	06/24/25 16:12	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 16:12	
Toluene	0.20 U	1.0	0.20	1	06/24/25 16:12	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 16:12	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 16:12	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 16:12	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 16:12	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 16:12	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 16:12	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 16:12	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 16:12	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 09:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-023-SG	**Units:**	ug/L
Lab Code:	R2506995-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	06/24/25 16:12	
Dibromofluoromethane	103	80 - 116	06/24/25 16:12	
Toluene-d8	106	87 - 121	06/24/25 16:12	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 09:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-023-SG	**Units:**	ug/L
Lab Code:	R2506995-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.977	28.1	JN
75-28-5	Isobutane	1.160	1.8	JN
463-82-1	Neopentane	1.301	4.9	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-024-JA	**Units:**	ug/L
Lab Code:	R2506995-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 16:35	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 16:35	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 16:35	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 16:35	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 16:35	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 16:35	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 16:35	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 16:35	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 16:35	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 16:35	
Acetone	5.0 U	5.0	5.0	1	06/24/25 16:35	
Benzene	0.20 U	1.0	0.20	1	06/24/25 16:35	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 16:35	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 16:35	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 16:35	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 16:35	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 16:35	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 16:35	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 16:35	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 16:35	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 16:35	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 16:35	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 16:35	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 16:35	
Styrene	0.20 U	1.0	0.20	1	06/24/25 16:35	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 16:35	
Toluene	0.20 U	1.0	0.20	1	06/24/25 16:35	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 16:35	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 16:35	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 16:35	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 16:35	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 16:35	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 16:35	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 16:35	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 16:35	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-024-JA	**Units:**	ug/L
Lab Code:	R2506995-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/24/25 16:35	
Dibromofluoromethane	105	80 - 116	06/24/25 16:35	
Toluene-d8	106	87 - 121	06/24/25 16:35	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-024-JA	**Units:**	ug/L
Lab Code:	R2506995-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.977	26.1	JN
7446-09-5	Sulfur dioxide	1.142	1.8	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:50
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-025-SG	**Units:**	ug/L
Lab Code:	R2506995-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/23/25 14:17	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/23/25 14:17	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/23/25 14:17	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/23/25 14:17	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/23/25 14:17	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/23/25 14:17	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/23/25 14:17	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/23/25 14:17	
2-Hexanone	0.20 U	5.0	0.20	1	06/23/25 14:17	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/23/25 14:17	
Acetone	5.0 U	5.0	5.0	1	06/23/25 14:17	
Benzene	0.20 U	1.0	0.20	1	06/23/25 14:17	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/23/25 14:17	
Bromoform	0.25 U	1.0	0.25	1	06/23/25 14:17	
Bromomethane	0.70 U	1.0	0.70	1	06/23/25 14:17	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/23/25 14:17	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/23/25 14:17	
Chlorobenzene	0.20 U	1.0	0.20	1	06/23/25 14:17	
Chloroethane	0.23 U	1.0	0.23	1	06/23/25 14:17	
Chloroform	0.51 U	1.0	0.51	1	06/23/25 14:17	
Chloromethane	0.40 U	1.0	0.40	1	06/23/25 14:17	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/23/25 14:17	
Dichloromethane	0.65 U	1.0	0.65	1	06/23/25 14:17	
Ethylbenzene	0.20 U	1.0	0.20	1	06/23/25 14:17	
Styrene	0.20 U	1.0	0.20	1	06/23/25 14:17	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/23/25 14:17	
Toluene	0.20 U	1.0	0.20	1	06/23/25 14:17	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/23/25 14:17	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/23/25 14:17	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/23/25 14:17	
Xylenes, Total	0.23 U	3.0	0.23	1	06/23/25 14:17	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/23/25 14:17	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/23/25 14:17	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/23/25 14:17	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/23/25 14:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:50
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-025-SG	**Units:**	ug/L
Lab Code:	R2506995-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/23/25 14:17	
Dibromofluoromethane	100	80 - 116	06/23/25 14:17	
Toluene-d8	102	87 - 121	06/23/25 14:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:50
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-025-SG	**Units:**	ug/L
Lab Code:	R2506995-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.965	34.5	JN
96-47-9	Furan, tetrahydro-2-methyl-	5.788	26.0	JN
1003-38-9	Furan, tetrahydro-2,5-dimethyl-	6.513	1.9	JN
142-68-7	Tetrahydropyran	6.769	1.0	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 11:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-026-JA	**Units:**	ug/L
Lab Code:	R2506995-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 16:58	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 16:58	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 16:58	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 16:58	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 16:58	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 16:58	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 16:58	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 16:58	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 16:58	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 16:58	
Acetone	5.0 U	5.0	5.0	1	06/24/25 16:58	
Benzene	0.20 U	1.0	0.20	1	06/24/25 16:58	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 16:58	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 16:58	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 16:58	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 16:58	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 16:58	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 16:58	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 16:58	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 16:58	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 16:58	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 16:58	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 16:58	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 16:58	
Styrene	0.20 U	1.0	0.20	1	06/24/25 16:58	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 16:58	
Toluene	0.20 U	1.0	0.20	1	06/24/25 16:58	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 16:58	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 16:58	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 16:58	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 16:58	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 16:58	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 16:58	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 16:58	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 16:58	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 11:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-026-JA	**Units:**	ug/L
Lab Code:	R2506995-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/24/25 16:58	
Dibromofluoromethane	103	80 - 116	06/24/25 16:58	
Toluene-d8	104	87 - 121	06/24/25 16:58	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 11:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-026-JA	**Units:**	ug/L
Lab Code:	R2506995-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.978	26.5	JN
7446-09-5	Sulfur dioxide	1.142	2.5	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-027-SG	**Units:**	ug/L
Lab Code:	R2506995-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 17:21	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 17:21	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 17:21	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 17:21	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 17:21	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 17:21	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 17:21	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 17:21	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 17:21	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 17:21	
Acetone	5.0 U	5.0	5.0	1	06/24/25 17:21	
Benzene	0.20 U	1.0	0.20	1	06/24/25 17:21	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 17:21	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 17:21	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 17:21	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 17:21	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 17:21	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 17:21	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 17:21	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 17:21	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 17:21	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 17:21	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 17:21	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 17:21	
Styrene	0.20 U	1.0	0.20	1	06/24/25 17:21	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 17:21	
Toluene	0.20 U	1.0	0.20	1	06/24/25 17:21	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 17:21	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 17:21	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 17:21	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 17:21	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 17:21	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 17:21	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 17:21	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 17:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-027-SG	**Units:**	ug/L
Lab Code:	R2506995-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/24/25 17:21	
Dibromofluoromethane	104	80 - 116	06/24/25 17:21	
Toluene-d8	104	87 - 121	06/24/25 17:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-027-SG	**Units:**	ug/L
Lab Code:	R2506995-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.977	20.6	JN
7446-09-5	Sulfur dioxide	1.142	3.0	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-028-JA	**Units:**	ug/L
Lab Code:	R2506995-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 17:44	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 17:44	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 17:44	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 17:44	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 17:44	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 17:44	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 17:44	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 17:44	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 17:44	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 17:44	
Acetone	5.0 U	5.0	5.0	1	06/24/25 17:44	
Benzene	0.20 U	1.0	0.20	1	06/24/25 17:44	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 17:44	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 17:44	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 17:44	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 17:44	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 17:44	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 17:44	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 17:44	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 17:44	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 17:44	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 17:44	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 17:44	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 17:44	
Styrene	0.20 U	1.0	0.20	1	06/24/25 17:44	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 17:44	
Toluene	0.20 U	1.0	0.20	1	06/24/25 17:44	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 17:44	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 17:44	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 17:44	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 17:44	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 17:44	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 17:44	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 17:44	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 17:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-028-JA	**Units:**	ug/L
Lab Code:	R2506995-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	85 - 122	06/24/25 17:44	
Dibromofluoromethane	105	80 - 116	06/24/25 17:44	
Toluene-d8	103	87 - 121	06/24/25 17:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-028-JA	**Units:**	ug/L
Lab Code:	R2506995-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.977	23.3	JN
7446-09-5	Sulfur dioxide	1.142	3.4	JN
104-76-7	1-Hexanol, 2-ethyl-	11.866	3.2	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-029-SG	**Units:**	ug/L
Lab Code:	R2506995-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 18:07	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 18:07	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 18:07	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 18:07	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 18:07	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 18:07	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 18:07	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 18:07	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 18:07	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 18:07	
Acetone	5.0 U	5.0	5.0	1	06/24/25 18:07	
Benzene	0.20 U	1.0	0.20	1	06/24/25 18:07	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 18:07	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 18:07	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 18:07	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 18:07	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 18:07	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 18:07	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 18:07	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 18:07	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 18:07	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 18:07	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 18:07	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 18:07	
Styrene	0.20 U	1.0	0.20	1	06/24/25 18:07	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 18:07	
Toluene	0.20 U	1.0	0.20	1	06/24/25 18:07	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 18:07	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 18:07	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 18:07	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 18:07	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 18:07	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 18:07	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 18:07	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 18:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-029-SG	**Units:**	ug/L
Lab Code:	R2506995-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	109	85 - 122	06/24/25 18:07	
Dibromofluoromethane	103	80 - 116	06/24/25 18:07	
Toluene-d8	105	87 - 121	06/24/25 18:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-029-SG	**Units:**	ug/L
Lab Code:	R2506995-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.978	28.6	JN
7446-09-5	Sulfur dioxide	1.142	1.2	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-030-JA	**Units:**	ug/L
Lab Code:	R2506995-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 18:30	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 18:30	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 18:30	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 18:30	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 18:30	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 18:30	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 18:30	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 18:30	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 18:30	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 18:30	
Acetone	5.0 U	5.0	5.0	1	06/24/25 18:30	
Benzene	0.20 U	1.0	0.20	1	06/24/25 18:30	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 18:30	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 18:30	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 18:30	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 18:30	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 18:30	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 18:30	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 18:30	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 18:30	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 18:30	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 18:30	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 18:30	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 18:30	
Styrene	0.20 U	1.0	0.20	1	06/24/25 18:30	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 18:30	
Toluene	**0.32 J**	1.0	0.20	1	06/24/25 18:30	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 18:30	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 18:30	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 18:30	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 18:30	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 18:30	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 18:30	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 18:30	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 18:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-030-JA	**Units:**	ug/L
Lab Code:	R2506995-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	06/24/25 18:30	
Dibromofluoromethane	105	80 - 116	06/24/25 18:30	
Toluene-d8	104	87 - 121	06/24/25 18:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-030-JA	**Units:**	ug/L
Lab Code:	R2506995-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.977	13.7	JN
7446-09-5	Sulfur dioxide	1.142	9.5	JN
74-93-1	Methanethiol	1.410	49.2	JN
104-76-7	1-Hexanol, 2-ethyl-	11.860	11.4	JN
75-18-3	Dimethyl sulfide	2.197	285.3	JN
624-89-5	Ethane, (methylthio)-	3.904	23.4	JN
624-92-0	Disulfide, dimethyl	7.818	5.4	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	LCANNUAL-061125	**Units:**	ug/L
Lab Code:	R2506995-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/23/25 13:28	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/23/25 13:28	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/23/25 13:28	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/23/25 13:28	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/23/25 13:28	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/23/25 13:28	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/23/25 13:28	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/23/25 13:28	
2-Hexanone	0.20 U	5.0	0.20	1	06/23/25 13:28	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/23/25 13:28	
Acetone	5.0 U	5.0	5.0	1	06/23/25 13:28	
Benzene	0.20 U	1.0	0.20	1	06/23/25 13:28	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/23/25 13:28	
Bromoform	0.25 U	1.0	0.25	1	06/23/25 13:28	
Bromomethane	0.70 U	1.0	0.70	1	06/23/25 13:28	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/23/25 13:28	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/23/25 13:28	
Chlorobenzene	0.20 U	1.0	0.20	1	06/23/25 13:28	
Chloroethane	0.23 U	1.0	0.23	1	06/23/25 13:28	
Chloroform	0.51 U	1.0	0.51	1	06/23/25 13:28	
Chloromethane	0.40 U	1.0	0.40	1	06/23/25 13:28	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/23/25 13:28	
Dichloromethane	0.65 U	1.0	0.65	1	06/23/25 13:28	
Ethylbenzene	0.20 U	1.0	0.20	1	06/23/25 13:28	
Styrene	0.20 U	1.0	0.20	1	06/23/25 13:28	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/23/25 13:28	
Toluene	0.20 U	1.0	0.20	1	06/23/25 13:28	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/23/25 13:28	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/23/25 13:28	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/23/25 13:28	
Xylenes, Total	0.23 U	3.0	0.23	1	06/23/25 13:28	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/23/25 13:28	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/23/25 13:28	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/23/25 13:28	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/23/25 13:28	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	LCANNUAL-061125	**Units:**	ug/L
Lab Code:	R2506995-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/23/25 13:28	
Dibromofluoromethane	102	80 - 116	06/23/25 13:28	
Toluene-d8	103	87 - 121	06/23/25 13:28	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	LCANNUAL-061125	**Units:**	ug/L
Lab Code:	R2506995-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.971	7.0	JN
287-92-3	Cyclopentane	2.587	1.9	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:15
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-031-SG	**Units:**	ug/L
Lab Code:	R2506995-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/23/25 14:40	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/23/25 14:40	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/23/25 14:40	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/23/25 14:40	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/23/25 14:40	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/23/25 14:40	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/23/25 14:40	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/23/25 14:40	
2-Hexanone	0.20 U	5.0	0.20	1	06/23/25 14:40	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/23/25 14:40	
Acetone	5.0 U	5.0	5.0	1	06/23/25 14:40	
Benzene	0.20 U	1.0	0.20	1	06/23/25 14:40	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/23/25 14:40	
Bromoform	0.25 U	1.0	0.25	1	06/23/25 14:40	
Bromomethane	0.70 U	1.0	0.70	1	06/23/25 14:40	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/23/25 14:40	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/23/25 14:40	
Chlorobenzene	0.20 U	1.0	0.20	1	06/23/25 14:40	
Chloroethane	0.23 U	1.0	0.23	1	06/23/25 14:40	
Chloroform	0.51 U	1.0	0.51	1	06/23/25 14:40	
Chloromethane	0.40 U	1.0	0.40	1	06/23/25 14:40	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/23/25 14:40	
Dichloromethane	0.65 U	1.0	0.65	1	06/23/25 14:40	
Ethylbenzene	0.20 U	1.0	0.20	1	06/23/25 14:40	
Styrene	0.20 U	1.0	0.20	1	06/23/25 14:40	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/23/25 14:40	
Toluene	0.20 U	1.0	0.20	1	06/23/25 14:40	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/23/25 14:40	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/23/25 14:40	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/23/25 14:40	
Xylenes, Total	0.23 U	3.0	0.23	1	06/23/25 14:40	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/23/25 14:40	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/23/25 14:40	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/23/25 14:40	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/23/25 14:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:15
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-031-SG	**Units:**	ug/L
Lab Code:	R2506995-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	06/23/25 14:40	
Dibromofluoromethane	102	80 - 116	06/23/25 14:40	
Toluene-d8	100	87 - 121	06/23/25 14:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:15
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-031-SG	**Units:**	ug/L
Lab Code:	R2506995-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.965	32.2	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-032-JA	**Units:**	ug/L
Lab Code:	R2506995-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/23/25 15:03	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/23/25 15:03	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/23/25 15:03	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/23/25 15:03	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/23/25 15:03	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/23/25 15:03	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/23/25 15:03	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/23/25 15:03	
2-Hexanone	0.20 U	5.0	0.20	1	06/23/25 15:03	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/23/25 15:03	
Acetone	5.0 U	5.0	5.0	1	06/23/25 15:03	
Benzene	0.20 U	1.0	0.20	1	06/23/25 15:03	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/23/25 15:03	
Bromoform	0.25 U	1.0	0.25	1	06/23/25 15:03	
Bromomethane	0.70 U	1.0	0.70	1	06/23/25 15:03	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/23/25 15:03	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/23/25 15:03	
Chlorobenzene	0.20 U	1.0	0.20	1	06/23/25 15:03	
Chloroethane	0.23 U	1.0	0.23	1	06/23/25 15:03	
Chloroform	0.51 U	1.0	0.51	1	06/23/25 15:03	
Chloromethane	0.40 U	1.0	0.40	1	06/23/25 15:03	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/23/25 15:03	
Dichloromethane	0.65 U	1.0	0.65	1	06/23/25 15:03	
Ethylbenzene	0.20 U	1.0	0.20	1	06/23/25 15:03	
Styrene	0.20 U	1.0	0.20	1	06/23/25 15:03	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/23/25 15:03	
Toluene	0.20 U	1.0	0.20	1	06/23/25 15:03	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/23/25 15:03	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/23/25 15:03	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/23/25 15:03	
Xylenes, Total	0.23 U	3.0	0.23	1	06/23/25 15:03	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/23/25 15:03	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/23/25 15:03	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/23/25 15:03	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/23/25 15:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-032-JA	**Units:**	ug/L
Lab Code:	R2506995-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	06/23/25 15:03	
Dibromofluoromethane	101	80 - 116	06/23/25 15:03	
Toluene-d8	102	87 - 121	06/23/25 15:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-032-JA	**Units:**	ug/L
Lab Code:	R2506995-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.965	34.9	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-033-SG	**Units:**	ug/L
Lab Code:	R2506995-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 18:53	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 18:53	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 18:53	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 18:53	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 18:53	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 18:53	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 18:53	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 18:53	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 18:53	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 18:53	
Acetone	5.0 U	5.0	5.0	1	06/24/25 18:53	
Benzene	0.20 U	1.0	0.20	1	06/24/25 18:53	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 18:53	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 18:53	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 18:53	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 18:53	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 18:53	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 18:53	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 18:53	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 18:53	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 18:53	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 18:53	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 18:53	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 18:53	
Styrene	0.20 U	1.0	0.20	1	06/24/25 18:53	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 18:53	
Toluene	0.20 U	1.0	0.20	1	06/24/25 18:53	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 18:53	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 18:53	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 18:53	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 18:53	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 18:53	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 18:53	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 18:53	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 18:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-033-SG	**Units:**	ug/L
Lab Code:	R2506995-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	06/24/25 18:53	
Dibromofluoromethane	105	80 - 116	06/24/25 18:53	
Toluene-d8	104	87 - 121	06/24/25 18:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-033-SG	**Units:**	ug/L
Lab Code:	R2506995-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.978	22.2	JN
7446-09-5	Sulfur dioxide	1.148	1.6	JN
1073-06-9	Benzene, 1-bromo-3-fluoro-	11.006	0.8	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-034-JA	**Units:**	ug/L
Lab Code:	R2506995-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 19:16	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 19:16	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 19:16	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 19:16	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 19:16	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 19:16	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 19:16	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 19:16	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 19:16	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 19:16	
Acetone	5.0 U	5.0	5.0	1	06/24/25 19:16	
Benzene	0.20 U	1.0	0.20	1	06/24/25 19:16	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 19:16	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 19:16	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 19:16	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 19:16	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 19:16	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 19:16	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 19:16	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 19:16	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 19:16	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 19:16	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 19:16	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 19:16	
Styrene	0.20 U	1.0	0.20	1	06/24/25 19:16	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 19:16	
Toluene	**0.34 J**	1.0	0.20	1	06/24/25 19:16	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 19:16	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 19:16	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 19:16	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 19:16	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 19:16	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 19:16	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 19:16	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 19:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/24/25 19:16	
Dibromofluoromethane	106	80 - 116	06/24/25 19:16	
Toluene-d8	101	87 - 121	06/24/25 19:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-034-JA	**Units:**	ug/L
Lab Code:	R2506995-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	5.0	JN
74-93-1	Methanethiol	1.410	339.5	JN
1073-06-9	Benzene, 1-bromo-3-fluoro-	10.665	35.7	JN
3658-80-8	Dimethyl trisulfide	11.268	3.1	JN
75-18-3	Dimethyl sulfide	2.197	384.4	JN
75-15-0	Carbon disulfide	2.477	17.6	JN
624-89-5	Ethane, (methylthio)-	3.904	35.7	JN
1551-21-9	Propane, 2-(methylthio)-	5.787	3.6	JN
624-92-0	Disulfide, dimethyl	7.812	5.1	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-035-SG	**Units:**	ug/L
Lab Code:	R2506995-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 19:39	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 19:39	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 19:39	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 19:39	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 19:39	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 19:39	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 19:39	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 19:39	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 19:39	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 19:39	
Acetone	5.0 U	5.0	5.0	1	06/24/25 19:39	
Benzene	0.20 U	1.0	0.20	1	06/24/25 19:39	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 19:39	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 19:39	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 19:39	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 19:39	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 19:39	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 19:39	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 19:39	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 19:39	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 19:39	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 19:39	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 19:39	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 19:39	
Styrene	0.20 U	1.0	0.20	1	06/24/25 19:39	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 19:39	
Toluene	0.20 U	1.0	0.20	1	06/24/25 19:39	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 19:39	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 19:39	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 19:39	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 19:39	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 19:39	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 19:39	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 19:39	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 19:39	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-035-SG	**Units:**	ug/L
Lab Code:	R2506995-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	06/24/25 19:39	
Dibromofluoromethane	104	80 - 116	06/24/25 19:39	
Toluene-d8	103	87 - 121	06/24/25 19:39	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-035-SG	**Units:**	ug/L
Lab Code:	R2506995-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.984	18.9	JN
7446-09-5	Sulfur dioxide	1.142	2.3	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 12:55
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-036-JA	**Units:**	ug/L
Lab Code:	R2506995-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 20:02	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 20:02	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 20:02	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 20:02	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 20:02	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 20:02	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 20:02	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 20:02	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 20:02	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 20:02	
Acetone	5.0 U	5.0	5.0	1	06/24/25 20:02	
Benzene	0.20 U	1.0	0.20	1	06/24/25 20:02	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 20:02	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 20:02	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 20:02	
Carbon Disulfide	**0.58 J**	1.0	0.42	1	06/24/25 20:02	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 20:02	
Chlorobenzene	0.20 U	1.0	0.20	1	06/24/25 20:02	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 20:02	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 20:02	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 20:02	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 20:02	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 20:02	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 20:02	
Styrene	0.20 U	1.0	0.20	1	06/24/25 20:02	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 20:02	
Toluene	0.20 U	1.0	0.20	1	06/24/25 20:02	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/24/25 20:02	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 20:02	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 20:02	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 20:02	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/24/25 20:02	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 20:02	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 20:02	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 20:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 12:55
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-036-JA	**Units:**	ug/L
Lab Code:	R2506995-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/24/25 20:02	
Dibromofluoromethane	105	80 - 116	06/24/25 20:02	
Toluene-d8	101	87 - 121	06/24/25 20:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 12:55
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-036-JA	**Units:**	ug/L
Lab Code:	R2506995-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
7446-09-5	Sulfur dioxide	1.142	2.6	JN
104-76-7	1-Hexanol, 2-ethyl-	11.860	2.1	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-037-SG	**Units:**	ug/L
Lab Code:	R2506995-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/23/25 15:26	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/23/25 15:26	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/23/25 15:26	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/23/25 15:26	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/23/25 15:26	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/23/25 15:26	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/23/25 15:26	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/23/25 15:26	
2-Hexanone	0.20 U	5.0	0.20	1	06/23/25 15:26	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/23/25 15:26	
Acetone	5.0 U	5.0	5.0	1	06/23/25 15:26	
Benzene	0.20 U	1.0	0.20	1	06/23/25 15:26	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/23/25 15:26	
Bromoform	0.25 U	1.0	0.25	1	06/23/25 15:26	
Bromomethane	0.70 U	1.0	0.70	1	06/23/25 15:26	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/23/25 15:26	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/23/25 15:26	
Chlorobenzene	0.20 U	1.0	0.20	1	06/23/25 15:26	
Chloroethane	0.23 U	1.0	0.23	1	06/23/25 15:26	
Chloroform	0.51 U	1.0	0.51	1	06/23/25 15:26	
Chloromethane	0.40 U	1.0	0.40	1	06/23/25 15:26	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/23/25 15:26	
Dichloromethane	0.65 U	1.0	0.65	1	06/23/25 15:26	
Ethylbenzene	0.20 U	1.0	0.20	1	06/23/25 15:26	
Styrene	0.20 U	1.0	0.20	1	06/23/25 15:26	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/23/25 15:26	
Toluene	0.20 U	1.0	0.20	1	06/23/25 15:26	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/23/25 15:26	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/23/25 15:26	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/23/25 15:26	
Xylenes, Total	0.23 U	3.0	0.23	1	06/23/25 15:26	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/23/25 15:26	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/23/25 15:26	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/23/25 15:26	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/23/25 15:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-037-SG	**Units:**	ug/L
Lab Code:	R2506995-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	109	85 - 122	06/23/25 15:26	
Dibromofluoromethane	103	80 - 116	06/23/25 15:26	
Toluene-d8	103	87 - 121	06/23/25 15:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-037-SG	**Units:**	ug/L
Lab Code:	R2506995-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.965	33.8	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-038-JA	**Units:**	ug/L
Lab Code:	R2506995-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/24/25 20:25	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/24/25 20:25	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/24/25 20:25	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/24/25 20:25	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/24/25 20:25	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/24/25 20:25	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/24/25 20:25	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/24/25 20:25	
2-Hexanone	0.20 U	5.0	0.20	1	06/24/25 20:25	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/24/25 20:25	
Acetone	5.0 U	5.0	5.0	1	06/24/25 20:25	
Benzene	0.20 U	1.0	0.20	1	06/24/25 20:25	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/24/25 20:25	
Bromoform	0.25 U	1.0	0.25	1	06/24/25 20:25	
Bromomethane	0.70 U	1.0	0.70	1	06/24/25 20:25	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/24/25 20:25	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/24/25 20:25	
Chlorobenzene	**0.92 J**	1.0	0.20	1	06/24/25 20:25	
Chloroethane	0.23 U	1.0	0.23	1	06/24/25 20:25	
Chloroform	0.51 U	1.0	0.51	1	06/24/25 20:25	
Chloromethane	0.40 U	1.0	0.40	1	06/24/25 20:25	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/24/25 20:25	
Dichloromethane	0.65 U	1.0	0.65	1	06/24/25 20:25	
Ethylbenzene	0.20 U	1.0	0.20	1	06/24/25 20:25	
Styrene	0.20 U	1.0	0.20	1	06/24/25 20:25	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/24/25 20:25	
Toluene	0.20 U	1.0	0.20	1	06/24/25 20:25	
Trichloroethene (TCE)	**5.3**	1.0	0.20	1	06/24/25 20:25	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/24/25 20:25	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/24/25 20:25	
Xylenes, Total	0.23 U	3.0	0.23	1	06/24/25 20:25	
cis-1,2-Dichloroethene	**3.8**	1.0	0.23	1	06/24/25 20:25	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/24/25 20:25	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/24/25 20:25	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/24/25 20:25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-038-JA	**Units:**	ug/L
Lab Code:	R2506995-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	06/24/25 20:25	
Dibromofluoromethane	106	80 - 116	06/24/25 20:25	
Toluene-d8	107	87 - 121	06/24/25 20:25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-038-JA	**Units:**	ug/L
Lab Code:	R2506995-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.983	24.3	JN
10147-37-2	Isopropylsulfonyl chloride	1.166	9.8	JN
78-78-4	Butane, 2-methyl-	1.593	3.9	JN
98-15-7	3-Chlorobenzotrifluoride	10.457	3.9	JN
95-49-8	Benzene, 1-chloro-2-methyl-	10.957	3.8	JN
106-46-7	Benzene, 1,4-dichloro-	11.585	0.6	JN
108-70-3	Benzene, 1,3,5-trichloro-	13.243	2.2	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	LCANNUAL-061225	**Units:**	ug/L
Lab Code:	R2506995-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/23/25 13:51	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/23/25 13:51	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/23/25 13:51	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/23/25 13:51	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/23/25 13:51	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/23/25 13:51	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/23/25 13:51	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/23/25 13:51	
2-Hexanone	0.20 U	5.0	0.20	1	06/23/25 13:51	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/23/25 13:51	
Acetone	5.0 U	5.0	5.0	1	06/23/25 13:51	
Benzene	0.20 U	1.0	0.20	1	06/23/25 13:51	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/23/25 13:51	
Bromoform	0.25 U	1.0	0.25	1	06/23/25 13:51	
Bromomethane	0.70 U	1.0	0.70	1	06/23/25 13:51	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/23/25 13:51	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/23/25 13:51	
Chlorobenzene	0.20 U	1.0	0.20	1	06/23/25 13:51	
Chloroethane	0.23 U	1.0	0.23	1	06/23/25 13:51	
Chloroform	0.51 U	1.0	0.51	1	06/23/25 13:51	
Chloromethane	0.40 U	1.0	0.40	1	06/23/25 13:51	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/23/25 13:51	
Dichloromethane	0.65 U	1.0	0.65	1	06/23/25 13:51	
Ethylbenzene	0.20 U	1.0	0.20	1	06/23/25 13:51	
Styrene	0.20 U	1.0	0.20	1	06/23/25 13:51	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/23/25 13:51	
Toluene	0.20 U	1.0	0.20	1	06/23/25 13:51	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/23/25 13:51	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/23/25 13:51	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/23/25 13:51	
Xylenes, Total	0.23 U	3.0	0.23	1	06/23/25 13:51	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/23/25 13:51	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/23/25 13:51	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/23/25 13:51	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/23/25 13:51	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	LCANNUAL-061225	**Units:**	ug/L
Lab Code:	R2506995-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	06/23/25 13:51	
Dibromofluoromethane	103	80 - 116	06/23/25 13:51	
Toluene-d8	103	87 - 121	06/23/25 13:51	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	LCANNUAL-061225	**Units:**	ug/L
Lab Code:	R2506995-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
4025-37-0	(2-Aziridinylethyl)amine	0.965	7.1	JN
287-92-3	Cyclopentane	2.593	2.1	JN

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 09:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-023-SG	**Units:**	ug/L
Lab Code:	R2506995-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 00:50	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 00:50	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 00:50	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 00:50	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 00:50	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 00:50	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 00:50	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 00:50	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 00:50	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 00:50	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 00:50	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 00:50	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 00:50	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 00:50	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 00:50	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 00:50	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 00:50	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 00:50	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 00:50	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 00:50	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 00:50	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 00:50	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 00:50	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 00:50	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 00:50	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 00:50	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 00:50	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 00:50	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 09:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-023-SG	**Units:**	ug/L
Lab Code:	R2506995-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 00:50	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 00:50	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 00:50	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 00:50	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 00:50	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 00:50	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 00:50	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 00:50	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 00:50	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 00:50	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 00:50	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 00:50	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 00:50	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 00:50	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 00:50	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 00:50	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 00:50	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 00:50	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 00:50	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	86	31 - 133	06/19/25 00:50	
2-Fluorobiphenyl	52	25 - 99	06/19/25 00:50	
2-Fluorophenol	35	15 - 72	06/19/25 00:50	
Nitrobenzene-d5	49	22 - 104	06/19/25 00:50	
Phenol-d6	24	10 - 55	06/19/25 00:50	
p-Terphenyl-d14	99	10 - 143	06/19/25 00:50	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-024-JA	**Units:**	ug/L
Lab Code:	R2506995-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 01:14	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 01:14	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 01:14	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 01:14	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 01:14	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 01:14	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 01:14	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 01:14	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 01:14	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 01:14	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 01:14	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 01:14	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 01:14	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 01:14	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 01:14	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 01:14	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 01:14	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 01:14	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 01:14	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 01:14	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 01:14	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 01:14	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 01:14	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 01:14	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 01:14	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 01:14	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 01:14	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 01:14	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-024-JA	**Units:**	ug/L
Lab Code:	R2506995-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 01:14	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 01:14	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 01:14	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 01:14	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 01:14	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 01:14	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 01:14	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 01:14	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 01:14	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 01:14	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 01:14	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 01:14	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 01:14	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 01:14	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 01:14	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 01:14	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 01:14	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 01:14	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 01:14	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	90	31 - 133	06/19/25 01:14	
2-Fluorobiphenyl	68	25 - 99	06/19/25 01:14	
2-Fluorophenol	44	15 - 72	06/19/25 01:14	
Nitrobenzene-d5	64	22 - 104	06/19/25 01:14	
Phenol-d6	30	10 - 55	06/19/25 01:14	
p-Terphenyl-d14	102	10 - 143	06/19/25 01:14	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:50
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-025-SG	**Units:**	ug/L
Lab Code:	R2506995-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 01:38	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 01:38	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 01:38	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 01:38	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 01:38	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 01:38	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 01:38	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 01:38	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 01:38	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 01:38	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 01:38	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 01:38	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 01:38	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 01:38	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 01:38	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 01:38	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 01:38	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 01:38	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 01:38	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 01:38	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 01:38	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 01:38	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 01:38	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 01:38	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 01:38	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 01:38	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 01:38	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 01:38	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:50
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-025-SG	**Units:**	ug/L
Lab Code:	R2506995-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 01:38	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 01:38	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 01:38	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 01:38	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 01:38	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 01:38	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 01:38	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 01:38	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 01:38	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 01:38	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 01:38	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 01:38	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 01:38	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 01:38	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 01:38	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 01:38	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 01:38	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 01:38	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 01:38	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	85	31 - 133	06/19/25 01:38	
2-Fluorobiphenyl	72	25 - 99	06/19/25 01:38	
2-Fluorophenol	49	15 - 72	06/19/25 01:38	
Nitrobenzene-d5	69	22 - 104	06/19/25 01:38	
Phenol-d6	33	10 - 55	06/19/25 01:38	
p-Terphenyl-d14	88	10 - 143	06/19/25 01:38	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 11:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-026-JA	**Units:**	ug/L
Lab Code:	R2506995-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 02:02	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 02:02	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 02:02	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 02:02	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 02:02	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 02:02	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 02:02	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 02:02	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 02:02	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 02:02	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 02:02	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 02:02	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 02:02	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 02:02	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 02:02	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 02:02	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 02:02	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 02:02	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 02:02	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 02:02	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 02:02	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 02:02	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 02:02	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 02:02	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 02:02	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 02:02	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 02:02	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 02:02	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 11:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-026-JA	**Units:**	ug/L
Lab Code:	R2506995-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 02:02	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 02:02	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 02:02	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 02:02	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 02:02	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 02:02	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 02:02	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 02:02	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 02:02	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 02:02	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 02:02	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 02:02	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 02:02	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 02:02	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 02:02	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 02:02	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 02:02	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 02:02	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 02:02	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	93	31 - 133	06/19/25 02:02	
2-Fluorobiphenyl	74	25 - 99	06/19/25 02:02	
2-Fluorophenol	46	15 - 72	06/19/25 02:02	
Nitrobenzene-d5	69	22 - 104	06/19/25 02:02	
Phenol-d6	35	10 - 55	06/19/25 02:02	
p-Terphenyl-d14	121	10 - 143	06/19/25 02:02	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-027-SG	**Units:**	ug/L
Lab Code:	R2506995-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 02:26	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 02:26	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 02:26	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 02:26	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 02:26	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 02:26	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 02:26	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 02:26	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 02:26	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 02:26	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 02:26	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 02:26	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 02:26	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 02:26	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 02:26	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 02:26	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 02:26	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 02:26	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 02:26	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 02:26	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 02:26	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 02:26	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 02:26	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 02:26	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 02:26	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 02:26	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 02:26	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 02:26	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-027-SG	**Units:**	ug/L
Lab Code:	R2506995-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 02:26	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 02:26	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 02:26	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 02:26	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 02:26	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 02:26	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 02:26	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 02:26	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 02:26	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 02:26	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 02:26	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 02:26	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 02:26	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 02:26	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 02:26	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 02:26	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 02:26	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 02:26	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 02:26	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	78	31 - 133	06/19/25 02:26	
2-Fluorobiphenyl	64	25 - 99	06/19/25 02:26	
2-Fluorophenol	45	15 - 72	06/19/25 02:26	
Nitrobenzene-d5	61	22 - 104	06/19/25 02:26	
Phenol-d6	31	10 - 55	06/19/25 02:26	
p-Terphenyl-d14	98	10 - 143	06/19/25 02:26	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-028-JA	**Units:**	ug/L
Lab Code:	R2506995-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 02:49	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 02:49	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 02:49	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 02:49	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 02:49	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 02:49	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 02:49	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 02:49	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 02:49	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 02:49	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 02:49	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 02:49	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 02:49	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 02:49	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 02:49	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 02:49	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 02:49	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 02:49	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 02:49	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 02:49	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 02:49	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 02:49	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 02:49	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 02:49	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 02:49	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 02:49	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 02:49	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 02:49	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-028-JA	**Units:**	ug/L
Lab Code:	R2506995-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 02:49	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 02:49	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 02:49	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
Diethyl Phthalate	**1.3 J**	9.8	1.1	1	06/19/25 02:49	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 02:49	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 02:49	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 02:49	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 02:49	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 02:49	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 02:49	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 02:49	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 02:49	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 02:49	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 02:49	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 02:49	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 02:49	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 02:49	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 02:49	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 02:49	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	93	31 - 133	06/19/25 02:49	
2-Fluorobiphenyl	77	25 - 99	06/19/25 02:49	
2-Fluorophenol	53	15 - 72	06/19/25 02:49	
Nitrobenzene-d5	75	22 - 104	06/19/25 02:49	
Phenol-d6	36	10 - 55	06/19/25 02:49	
p-Terphenyl-d14	116	10 - 143	06/19/25 02:49	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-029-SG	**Units:**	ug/L
Lab Code:	R2506995-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 03:13	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 03:13	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 03:13	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 03:13	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 03:13	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 03:13	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 03:13	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 03:13	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 03:13	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 03:13	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 03:13	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 03:13	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 03:13	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 03:13	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 03:13	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 03:13	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 03:13	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 03:13	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 03:13	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 03:13	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 03:13	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 03:13	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 03:13	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 03:13	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 03:13	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 03:13	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 03:13	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 03:13	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-029-SG	**Units:**	ug/L
Lab Code:	R2506995-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 03:13	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 03:13	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 03:13	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 03:13	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 03:13	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 03:13	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 03:13	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 03:13	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 03:13	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 03:13	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 03:13	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 03:13	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 03:13	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 03:13	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 03:13	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 03:13	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 03:13	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 03:13	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 03:13	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	82	31 - 133	06/19/25 03:13	
2-Fluorobiphenyl	75	25 - 99	06/19/25 03:13	
2-Fluorophenol	53	15 - 72	06/19/25 03:13	
Nitrobenzene-d5	72	22 - 104	06/19/25 03:13	
Phenol-d6	35	10 - 55	06/19/25 03:13	
p-Terphenyl-d14	79	10 - 143	06/19/25 03:13	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-030-JA	**Units:**	ug/L
Lab Code:	R2506995-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 03:37	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 03:37	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 03:37	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 03:37	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 03:37	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 03:37	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 03:37	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 03:37	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 03:37	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 03:37	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 03:37	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 03:37	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 03:37	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 03:37	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 03:37	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 03:37	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 03:37	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 03:37	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 03:37	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 03:37	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 03:37	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 03:37	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 03:37	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 03:37	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 03:37	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 03:37	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 03:37	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 03:37	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-030-JA	**Units:**	ug/L
Lab Code:	R2506995-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 03:37	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 03:37	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 03:37	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
Diethyl Phthalate	**1.9 J**	9.8	1.1	1	06/19/25 03:37	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 03:37	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 03:37	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 03:37	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 03:37	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 03:37	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 03:37	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 03:37	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 03:37	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 03:37	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 03:37	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 03:37	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 03:37	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 03:37	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 03:37	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 03:37	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	89	31 - 133	06/19/25 03:37	
2-Fluorobiphenyl	62	25 - 99	06/19/25 03:37	
2-Fluorophenol	55	15 - 72	06/19/25 03:37	
Nitrobenzene-d5	61	22 - 104	06/19/25 03:37	
Phenol-d6	53	10 - 55	06/19/25 03:37	
p-Terphenyl-d14	76	10 - 143	06/19/25 03:37	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:15
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-031-SG	**Units:**	ug/L
Lab Code:	R2506995-010	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 04:01	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 04:01	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 04:01	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 04:01	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 04:01	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 04:01	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 04:01	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 04:01	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 04:01	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 04:01	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 04:01	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 04:01	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 04:01	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 04:01	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 04:01	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 04:01	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 04:01	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 04:01	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 04:01	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 04:01	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 04:01	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 04:01	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 04:01	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 04:01	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 04:01	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 04:01	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 04:01	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 04:01	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:15
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-031-SG	**Units:**	ug/L
Lab Code:	R2506995-010	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 04:01	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 04:01	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 04:01	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 04:01	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 04:01	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 04:01	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 04:01	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 04:01	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 04:01	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 04:01	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 04:01	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 04:01	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 04:01	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 04:01	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 04:01	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 04:01	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 04:01	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 04:01	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 04:01	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	73	31 - 133	06/19/25 04:01	
2-Fluorobiphenyl	68	25 - 99	06/19/25 04:01	
2-Fluorophenol	46	15 - 72	06/19/25 04:01	
Nitrobenzene-d5	64	22 - 104	06/19/25 04:01	
Phenol-d6	31	10 - 55	06/19/25 04:01	
p-Terphenyl-d14	87	10 - 143	06/19/25 04:01	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-032-JA	**Units:**	ug/L
Lab Code:	R2506995-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 04:25	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 04:25	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 04:25	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 04:25	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 04:25	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 04:25	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 04:25	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 04:25	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 04:25	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 04:25	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 04:25	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 04:25	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 04:25	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 04:25	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 04:25	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 04:25	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 04:25	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 04:25	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 04:25	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 04:25	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 04:25	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 04:25	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 04:25	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 04:25	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 04:25	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 04:25	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 04:25	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 04:25	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-032-JA	**Units:**	ug/L
Lab Code:	R2506995-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 04:25	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 04:25	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 04:25	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 04:25	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 04:25	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 04:25	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 04:25	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 04:25	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 04:25	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 04:25	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 04:25	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 04:25	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 04:25	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 04:25	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 04:25	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 04:25	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 04:25	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 04:25	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 04:25	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	06/19/25 04:25	
2-Fluorobiphenyl	64	25 - 99	06/19/25 04:25	
2-Fluorophenol	41	15 - 72	06/19/25 04:25	
Nitrobenzene-d5	57	22 - 104	06/19/25 04:25	
Phenol-d6	29	10 - 55	06/19/25 04:25	
p-Terphenyl-d14	91	10 - 143	06/19/25 04:25	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-033-SG	**Units:**	ug/L
Lab Code:	R2506995-012	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 04:49	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 04:49	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 04:49	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 04:49	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 04:49	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 04:49	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 04:49	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 04:49	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 04:49	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 04:49	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 04:49	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 04:49	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 04:49	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 04:49	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 04:49	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 04:49	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 04:49	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 04:49	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 04:49	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 04:49	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 04:49	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 04:49	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 04:49	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 04:49	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 04:49	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 04:49	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 04:49	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 04:49	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-033-SG	**Units:**	ug/L
Lab Code:	R2506995-012	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 04:49	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 04:49	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 04:49	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 04:49	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 04:49	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 04:49	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 04:49	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 04:49	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 04:49	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 04:49	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 04:49	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 04:49	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 04:49	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 04:49	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 04:49	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 04:49	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 04:49	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 04:49	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 04:49	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	73	31 - 133	06/19/25 04:49	
2-Fluorobiphenyl	66	25 - 99	06/19/25 04:49	
2-Fluorophenol	44	15 - 72	06/19/25 04:49	
Nitrobenzene-d5	60	22 - 104	06/19/25 04:49	
Phenol-d6	30	10 - 55	06/19/25 04:49	
p-Terphenyl-d14	104	10 - 143	06/19/25 04:49	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-034-JA	**Units:**	ug/L
Lab Code:	R2506995-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 05:13	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 05:13	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 05:13	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 05:13	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 05:13	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 05:13	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 05:13	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 05:13	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 05:13	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 05:13	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 05:13	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 05:13	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 05:13	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 05:13	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 05:13	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 05:13	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 05:13	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 05:13	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 05:13	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 05:13	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 05:13	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 05:13	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 05:13	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 05:13	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 05:13	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 05:13	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 05:13	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 05:13	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-034-JA	**Units:**	ug/L
Lab Code:	R2506995-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 05:13	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 05:13	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 05:13	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 05:13	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 05:13	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 05:13	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 05:13	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 05:13	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 05:13	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 05:13	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 05:13	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 05:13	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 05:13	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 05:13	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 05:13	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 05:13	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 05:13	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 05:13	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 05:13	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	84	31 - 133	06/19/25 05:13	
2-Fluorobiphenyl	61	25 - 99	06/19/25 05:13	
2-Fluorophenol	50	15 - 72	06/19/25 05:13	
Nitrobenzene-d5	57	22 - 104	06/19/25 05:13	
Phenol-d6	50	10 - 55	06/19/25 05:13	
p-Terphenyl-d14	96	10 - 143	06/19/25 05:13	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-035-SG	**Units:**	ug/L
Lab Code:	R2506995-014	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 05:37	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 05:37	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 05:37	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 05:37	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 05:37	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 05:37	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 05:37	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 05:37	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 05:37	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 05:37	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 05:37	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 05:37	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 05:37	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 05:37	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 05:37	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 05:37	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 05:37	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 05:37	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 05:37	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 05:37	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 05:37	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 05:37	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 05:37	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 05:37	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 05:37	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 05:37	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 05:37	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 05:37	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-035-SG	**Units:**	ug/L
Lab Code:	R2506995-014	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 05:37	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 05:37	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 05:37	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 05:37	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 05:37	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 05:37	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 05:37	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 05:37	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 05:37	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 05:37	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 05:37	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 05:37	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 05:37	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 05:37	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 05:37	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 05:37	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 05:37	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 05:37	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 05:37	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/19/25 05:37	
2-Fluorobiphenyl	56	25 - 99	06/19/25 05:37	
2-Fluorophenol	39	15 - 72	06/19/25 05:37	
Nitrobenzene-d5	52	22 - 104	06/19/25 05:37	
Phenol-d6	26	10 - 55	06/19/25 05:37	
p-Terphenyl-d14	109	10 - 143	06/19/25 05:37	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 12:55
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-036-JA	**Units:**	ug/L
Lab Code:	R2506995-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 06:00	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 06:00	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 06:00	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 06:00	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 06:00	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 06:00	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 06:00	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 06:00	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 06:00	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 06:00	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 06:00	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 06:00	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 06:00	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 06:00	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 06:00	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 06:00	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 06:00	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 06:00	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 06:00	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 06:00	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 06:00	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 06:00	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 06:00	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 06:00	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 06:00	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 06:00	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 06:00	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 06:00	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 12:55
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-036-JA	**Units:**	ug/L
Lab Code:	R2506995-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 06:00	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 06:00	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 06:00	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 06:00	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 06:00	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 06:00	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 06:00	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 06:00	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 06:00	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 06:00	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 06:00	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 06:00	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 06:00	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 06:00	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 06:00	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 06:00	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 06:00	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 06:00	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 06:00	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	76	31 - 133	06/19/25 06:00	
2-Fluorobiphenyl	59	25 - 99	06/19/25 06:00	
2-Fluorophenol	42	15 - 72	06/19/25 06:00	
Nitrobenzene-d5	54	22 - 104	06/19/25 06:00	
Phenol-d6	34	10 - 55	06/19/25 06:00	
p-Terphenyl-d14	104	10 - 143	06/19/25 06:00	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-037-SG	**Units:**	ug/L
Lab Code:	R2506995-016	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 06:24	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 06:24	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 06:24	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 06:24	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 06:24	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 06:24	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 06:24	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 06:24	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 06:24	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 06:24	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 06:24	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 06:24	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 06:24	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 06:24	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 06:24	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 06:24	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 06:24	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 06:24	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 06:24	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 06:24	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 06:24	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 06:24	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 06:24	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 06:24	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 06:24	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 06:24	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 06:24	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 06:24	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-037-SG	**Units:**	ug/L
Lab Code:	R2506995-016	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 06:24	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 06:24	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 06:24	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 06:24	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 06:24	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 06:24	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 06:24	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 06:24	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 06:24	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 06:24	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 06:24	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 06:24	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 06:24	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 06:24	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 06:24	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 06:24	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 06:24	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 06:24	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 06:24	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	61	31 - 133	06/19/25 06:24	
2-Fluorobiphenyl	61	25 - 99	06/19/25 06:24	
2-Fluorophenol	42	15 - 72	06/19/25 06:24	
Nitrobenzene-d5	58	22 - 104	06/19/25 06:24	
Phenol-d6	27	10 - 55	06/19/25 06:24	
p-Terphenyl-d14	87	10 - 143	06/19/25 06:24	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-038-JA	**Units:**	ug/L
Lab Code:	R2506995-017	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**2.9 J**	9.8	1.2	1	06/19/25 06:48	6/17/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 06:48	6/17/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/19/25 06:48	6/17/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/19/25 06:48	6/17/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/19/25 06:48	6/17/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/19/25 06:48	6/17/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/19/25 06:48	6/17/25	
2,4-Dinitrophenol	20 U	49	20	1	06/19/25 06:48	6/17/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/19/25 06:48	6/17/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/19/25 06:48	6/17/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/19/25 06:48	6/17/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/19/25 06:48	6/17/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/19/25 06:48	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/19/25 06:48	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/19/25 06:48	6/17/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/19/25 06:48	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/19/25 06:48	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/19/25 06:48	6/17/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/19/25 06:48	6/17/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/19/25 06:48	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/19/25 06:48	6/17/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/19/25 06:48	6/17/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
Anthracene	1.3 U	9.8	1.3	1	06/19/25 06:48	6/17/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/19/25 06:48	6/17/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/19/25 06:48	6/17/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/19/25 06:48	6/17/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/19/25 06:48	6/17/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/19/25 06:48	6/17/25	
Benzoic Acid	36 U	49	36	1	06/19/25 06:48	6/17/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/19/25 06:48	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/19/25 06:48	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/19/25 06:48	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/19/25 06:48	6/17/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/19/25 06:48	6/17/25	
Chrysene	1.2 U	9.8	1.2	1	06/19/25 06:48	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-038-JA	**Units:**	ug/L
Lab Code:	R2506995-017	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/19/25 06:48	6/17/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/19/25 06:48	6/17/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/19/25 06:48	6/17/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/19/25 06:48	6/17/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/19/25 06:48	6/17/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/19/25 06:48	6/17/25	
Fluorene	1.3 U	9.8	1.3	1	06/19/25 06:48	6/17/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/19/25 06:48	6/17/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/19/25 06:48	6/17/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/19/25 06:48	6/17/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/19/25 06:48	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/19/25 06:48	6/17/25	
Isophorone	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/19/25 06:48	6/17/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/19/25 06:48	6/17/25	
Naphthalene	1.2 U	9.8	1.2	1	06/19/25 06:48	6/17/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/19/25 06:48	6/17/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/19/25 06:48	6/17/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/19/25 06:48	6/17/25	
Phenol	1.0 U	9.8	1.0	1	06/19/25 06:48	6/17/25	
Pyrene	1.5 U	9.8	1.5	1	06/19/25 06:48	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	67	31 - 133	06/19/25 06:48	
2-Fluorobiphenyl	52	25 - 99	06/19/25 06:48	
2-Fluorophenol	41	15 - 72	06/19/25 06:48	
Nitrobenzene-d5	51	22 - 104	06/19/25 06:48	
Phenol-d6	28	10 - 55	06/19/25 06:48	
p-Terphenyl-d14	89	10 - 143	06/19/25 06:48	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 09:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-023-SG	**Units:**	ug/L
Lab Code:	R2506995-001	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 21:02	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 21:02	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 111	06/26/25 21:02	
Tetrachloro-m-xylene	63	10 - 101	06/26/25 21:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-024-JA	**Units:**	ug/L
Lab Code:	R2506995-002	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 21:37	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 21:37	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 111	06/26/25 21:37	
Tetrachloro-m-xylene	64	10 - 101	06/26/25 21:37	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:50
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-025-SG	**Units:**	ug/L
Lab Code:	R2506995-003	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 19:01	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 19:01	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	35	10 - 111	06/26/25 19:01	
Tetrachloro-m-xylene	74	10 - 101	06/26/25 19:01	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 11:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-026-JA	**Units:**	ug/L
Lab Code:	R2506995-004	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 21:54	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 21:54	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 111	06/26/25 21:54	
Tetrachloro-m-xylene	58	10 - 101	06/26/25 21:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-027-SG	**Units:**	ug/L
Lab Code:	R2506995-005	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 22:11	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 22:11	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 111	06/26/25 22:11	
Tetrachloro-m-xylene	65	10 - 101	06/26/25 22:11	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-028-JA	**Units:**	ug/L
Lab Code:	R2506995-006	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 22:29	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 22:29	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 111	06/26/25 22:29	
Tetrachloro-m-xylene	58	10 - 101	06/26/25 22:29	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-029-SG	**Units:**	ug/L
Lab Code:	R2506995-007	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 22:46	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 22:46	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	46	10 - 111	06/26/25 22:46	
Tetrachloro-m-xylene	69	10 - 101	06/26/25 22:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-030-JA	**Units:**	ug/L
Lab Code:	R2506995-008	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 23:03	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 23:03	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	57	10 - 111	06/26/25 23:03	
Tetrachloro-m-xylene	69	10 - 101	06/26/25 23:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:15
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-031-SG	**Units:**	ug/L
Lab Code:	R2506995-010	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 19:18	6/18/25	
alpha-BHC	**0.042 J**	0.049	0.020	1	06/26/25 19:18	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	
delta-BHC	**0.024 J**	0.049	0.020	1	06/26/25 19:18	6/18/25	
gamma-BHC (Lindane)	**0.041 J**	0.049	0.020	1	06/26/25 19:18	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 19:18	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	45	10 - 111	06/26/25 19:18	
Tetrachloro-m-xylene	60	10 - 101	06/26/25 19:18	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-032-JA	**Units:**	ug/L
Lab Code:	R2506995-011	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 19:35	6/18/25	
alpha-BHC	**0.035 J**	0.049	0.020	1	06/26/25 19:35	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	
delta-BHC	**0.023 J**	0.049	0.020	1	06/26/25 19:35	6/18/25	
gamma-BHC (Lindane)	**0.045 J**	0.049	0.020	1	06/26/25 19:35	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 19:35	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	43	10 - 111	06/26/25 19:35	
Tetrachloro-m-xylene	61	10 - 101	06/26/25 19:35	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-033-SG	**Units:**	ug/L
Lab Code:	R2506995-012	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 23:21	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 23:21	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	61	10 - 111	06/26/25 23:21	
Tetrachloro-m-xylene	63	10 - 101	06/26/25 23:21	

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Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-034-JA	**Units:**	ug/L
Lab Code:	R2506995-013	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
4,4'-DDE	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
4,4'-DDT	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Aldrin	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Dieldrin	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Endosulfan I	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Endosulfan II	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Endosulfan Sulfate	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Endrin	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Endrin Ketone	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Heptachlor	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Heptachlor Epoxide	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Methoxychlor	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
Toxaphene	0.50	U	0.50	0.50	1	06/26/25 23:38	6/18/25	
alpha-BHC	**0.087**		0.049	0.020	1	06/26/25 23:38	6/18/25	
alpha-Chlordane	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
beta-BHC	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	
delta-BHC	**0.025**	**J**	0.049	0.020	1	06/26/25 23:38	6/18/25	
gamma-BHC (Lindane)	**0.059**		0.049	0.020	1	06/26/25 23:38	6/18/25	
gamma-Chlordane	0.020	U	0.049	0.020	1	06/26/25 23:38	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10 - 111	06/26/25 23:38	
Tetrachloro-m-xylene	69	10 - 101	06/26/25 23:38	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-035-SG	**Units:**	ug/L
Lab Code:	R2506995-014	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 23:55	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 23:55	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 111	06/26/25 23:55	
Tetrachloro-m-xylene	53	10 - 101	06/26/25 23:55	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 12:55
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-036-JA	**Units:**	ug/L
Lab Code:	R2506995-015	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/27/25 00:13	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/27/25 00:13	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	10 - 111	06/27/25 00:13	
Tetrachloro-m-xylene	55	10 - 101	06/27/25 00:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-037-SG	**Units:**	ug/L
Lab Code:	R2506995-016	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Aldrin	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Dieldrin	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Endrin	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Heptachlor	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 19:53	6/18/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
beta-BHC	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
delta-BHC	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/26/25 19:53	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 111	06/26/25 19:53	
Tetrachloro-m-xylene	67	10 - 101	06/26/25 19:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-038-JA	**Units:**	ug/L
Lab Code:	R2506995-017	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
4,4'-DDE	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
4,4'-DDT	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Aldrin	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Dieldrin	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Endosulfan I	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Endosulfan II	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Endosulfan Sulfate	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Endrin	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Endrin Ketone	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Heptachlor	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Heptachlor Epoxide	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Methoxychlor	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
Toxaphene	0.50	U	0.50	0.50	1	06/27/25 00:48	6/18/25	
alpha-BHC	**0.037**	**J**	0.049	0.020	1	06/27/25 00:48	6/18/25	
alpha-Chlordane	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
beta-BHC	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
delta-BHC	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
gamma-BHC (Lindane)	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	
gamma-Chlordane	0.020	U	0.049	0.020	1	06/27/25 00:48	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 111	06/27/25 00:48	
Tetrachloro-m-xylene	64	10 - 101	06/27/25 00:48	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 09:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-023-SG	**Units:**	ug/L
Lab Code:	R2506995-001	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 17:16	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 17:16	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 17:16	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 17:16	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 17:16	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 17:16	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 17:16	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	38	10 - 118	06/26/25 17:16	
Tetrachloro-m-xylene	61	10 - 103	06/26/25 17:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-024-JA	**Units:**	ug/L
Lab Code:	R2506995-002	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 17:30	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 17:30	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 17:30	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 17:30	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 17:30	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 17:30	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 17:30	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	23	10 - 118	06/26/25 17:30	
Tetrachloro-m-xylene	63	10 - 103	06/26/25 17:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 10:50
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-025-SG	**Units:**	ug/L
Lab Code:	R2506995-003	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 10:57	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 10:57	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 10:57	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 10:57	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 10:57	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 10:57	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 10:57	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	31	10 - 118	06/26/25 10:57	
Tetrachloro-m-xylene	71	10 - 103	06/26/25 10:57	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 11:40
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-026-JA	**Units:**	ug/L
Lab Code:	R2506995-004	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 17:43	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 17:43	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 17:43	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 17:43	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 17:43	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 17:43	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 17:43	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 118	06/26/25 17:43	
Tetrachloro-m-xylene	64	10 - 103	06/26/25 17:43	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-027-SG	**Units:**	ug/L
Lab Code:	R2506995-005	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 18:10	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 18:10	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 18:10	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 18:10	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 18:10	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 18:10	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 18:10	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	10 - 118	06/26/25 18:10	
Tetrachloro-m-xylene	72	10 - 103	06/26/25 18:10	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 12:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-028-JA	**Units:**	ug/L
Lab Code:	R2506995-006	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 18:24	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 18:24	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 18:24	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 18:24	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 18:24	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 18:24	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 18:24	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 118	06/26/25 18:24	
Tetrachloro-m-xylene	64	10 - 103	06/26/25 18:24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-029-SG	**Units:**	ug/L
Lab Code:	R2506995-007	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 18:37	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 18:37	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 18:37	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 18:37	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 18:37	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 18:37	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 18:37	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 118	06/26/25 18:37	
Tetrachloro-m-xylene	66	10 - 103	06/26/25 18:37	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/11/25 13:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061125-030-JA	**Units:**	ug/L
Lab Code:	R2506995-008	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 18:51	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 18:51	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 18:51	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 18:51	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 18:51	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 18:51	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 18:51	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 118	06/26/25 18:51	
Tetrachloro-m-xylene	67	10 - 103	06/26/25 18:51	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:15
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-031-SG	**Units:**	ug/L
Lab Code:	R2506995-010	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 12:18	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 12:18	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 12:18	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 12:18	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 12:18	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 12:18	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 12:18	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 118	06/26/25 12:18	
Tetrachloro-m-xylene	67	10 - 103	06/26/25 12:18	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 10:20
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-032-JA	**Units:**	ug/L
Lab Code:	R2506995-011	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 12:32	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 12:32	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 12:32	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 12:32	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 12:32	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 12:32	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 12:32	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 118	06/26/25 12:32	
Tetrachloro-m-xylene	66	10 - 103	06/26/25 12:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-033-SG	**Units:**	ug/L
Lab Code:	R2506995-012	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 19:04	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 19:04	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 19:04	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 19:04	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 19:04	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 19:04	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 19:04	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 118	06/26/25 19:04	
Tetrachloro-m-xylene	62	10 - 103	06/26/25 19:04	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:25
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-034-JA	**Units:**	ug/L
Lab Code:	R2506995-013	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 19:18	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 19:18	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 19:18	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 19:18	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 19:18	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 19:18	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 19:18	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 118	06/26/25 19:18	
Tetrachloro-m-xylene	68	10 - 103	06/26/25 19:18	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 11:35
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-035-SG	**Units:**	ug/L
Lab Code:	R2506995-014	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 19:31	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 19:31	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 19:31	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 19:31	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 19:31	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 19:31	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 19:31	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 118	06/26/25 19:31	
Tetrachloro-m-xylene	57	10 - 103	06/26/25 19:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 12:55
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-036-JA	**Units:**	ug/L
Lab Code:	R2506995-015	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 19:45	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 19:45	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 19:45	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 19:45	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 19:45	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 19:45	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 19:45	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	59	10 - 118	06/26/25 19:45	
Tetrachloro-m-xylene	65	10 - 103	06/26/25 19:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-037-SG	**Units:**	ug/L
Lab Code:	R2506995-016	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 13:53	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 13:53	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 13:53	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 13:53	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 13:53	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 13:53	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 13:53	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	45	10 - 118	06/26/25 13:53	
Tetrachloro-m-xylene	66	10 - 103	06/26/25 13:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/12/25 14:05
Sample Matrix:	Water	**Date Received:**	06/13/25 12:45
Sample Name:	WG-TR1045-061225-038-JA	**Units:**	ug/L
Lab Code:	R2506995-017	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/26/25 19:58	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 19:58	6/18/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/26/25 19:58	6/18/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/26/25 19:58	6/18/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/26/25 19:58	6/18/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/26/25 19:58	6/18/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/26/25 19:58	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 118	06/26/25 19:58	
Tetrachloro-m-xylene	63	10 - 103	06/26/25 19:58	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
WG-TR1045-061125-023-SG	R2506995-001	108	103	106
WG-TR1045-061125-024-JA	R2506995-002	101	105	106
WG-TR1045-061125-025-SG	R2506995-003	105	100	102
WG-TR1045-061125-026-JA	R2506995-004	102	103	104
WG-TR1045-061125-027-SG	R2506995-005	101	104	104
WG-TR1045-061125-028-JA	R2506995-006	110	105	103
WG-TR1045-061125-029-SG	R2506995-007	109	103	105
WG-TR1045-061125-030-JA	R2506995-008	104	105	104
LCANNUAL-061125	R2506995-009	105	102	103
WG-TR1045-061225-031-SG	R2506995-010	98	102	100
WG-TR1045-061225-032-JA	R2506995-011	106	101	102
WG-TR1045-061225-033-SG	R2506995-012	107	105	104
WG-TR1045-061225-034-JA	R2506995-013	96	106	101
WG-TR1045-061225-035-SG	R2506995-014	106	104	103
WG-TR1045-061225-036-JA	R2506995-015	103	105	101
WG-TR1045-061225-037-SG	R2506995-016	109	103	103
WG-TR1045-061225-038-JA	R2506995-017	108	106	107
LCANNUAL-061225	R2506995-018	108	103	103
Lab Control Sample	RQ2507750-02	106	108	105
Duplicate Lab Control Sample	RQ2507750-03	105	104	103
Method Blank	RQ2507750-04	109	105	104
Lab Control Sample	RQ2507845-04	105	103	102
Method Blank	RQ2507845-06	106	101	104

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507750-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/23/25 12:44	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/23/25 12:44	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/23/25 12:44	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/23/25 12:44	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/23/25 12:44	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/23/25 12:44	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/23/25 12:44	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/23/25 12:44	
2-Hexanone	0.20 U	5.0	0.20	1	06/23/25 12:44	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/23/25 12:44	
Acetone	5.0 U	5.0	5.0	1	06/23/25 12:44	
Benzene	0.20 U	1.0	0.20	1	06/23/25 12:44	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/23/25 12:44	
Bromoform	0.25 U	1.0	0.25	1	06/23/25 12:44	
Bromomethane	0.70 U	1.0	0.70	1	06/23/25 12:44	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/23/25 12:44	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/23/25 12:44	
Chlorobenzene	0.20 U	1.0	0.20	1	06/23/25 12:44	
Chloroethane	0.23 U	1.0	0.23	1	06/23/25 12:44	
Chloroform	0.51 U	1.0	0.51	1	06/23/25 12:44	
Chloromethane	0.40 U	1.0	0.40	1	06/23/25 12:44	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/23/25 12:44	
Dichloromethane	0.65 U	1.0	0.65	1	06/23/25 12:44	
Ethylbenzene	0.20 U	1.0	0.20	1	06/23/25 12:44	
Styrene	0.20 U	1.0	0.20	1	06/23/25 12:44	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/23/25 12:44	
Toluene	0.20 U	1.0	0.20	1	06/23/25 12:44	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/23/25 12:44	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/23/25 12:44	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/23/25 12:44	
Xylenes, Total	0.23 U	3.0	0.23	1	06/23/25 12:44	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/23/25 12:44	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/23/25 12:44	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/23/25 12:44	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/23/25 12:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507750-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	109	85 - 122	06/23/25 12:44	
Dibromofluoromethane	105	80 - 116	06/23/25 12:44	
Toluene-d8	104	87 - 121	06/23/25 12:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507750-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507845-06	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20	U	1.0	0.20	1	06/24/25 13:27	
1,1,2,2-Tetrachloroethane	0.20	U	1.0	0.20	1	06/24/25 13:27	
1,1,2-Trichloroethane	0.20	U	1.0	0.20	1	06/24/25 13:27	
1,1-Dichloroethane (1,1-DCA)	0.20	U	1.0	0.20	1	06/24/25 13:27	
1,1-Dichloroethene (1,1-DCE)	0.20	U	1.0	0.20	1	06/24/25 13:27	
1,2-Dichloroethane	0.20	U	1.0	0.20	1	06/24/25 13:27	
1,2-Dichloropropane	0.20	U	1.0	0.20	1	06/24/25 13:27	
2-Butanone (MEK)	0.78	U	5.0	0.78	1	06/24/25 13:27	
2-Hexanone	0.20	U	5.0	0.20	1	06/24/25 13:27	
4-Methyl-2-pentanone	0.20	U	5.0	0.20	1	06/24/25 13:27	
Acetone	5.0	U	5.0	5.0	1	06/24/25 13:27	
Benzene	0.20	U	1.0	0.20	1	06/24/25 13:27	
Bromodichloromethane	0.20	U	1.0	0.20	1	06/24/25 13:27	
Bromoform	0.25	U	1.0	0.25	1	06/24/25 13:27	
Bromomethane	0.70	U	1.0	0.70	1	06/24/25 13:27	
Carbon Disulfide	0.42	U	1.0	0.42	1	06/24/25 13:27	
Carbon Tetrachloride	0.34	U	1.0	0.34	1	06/24/25 13:27	
Chlorobenzene	0.20	U	1.0	0.20	1	06/24/25 13:27	
Chloroethane	0.23	U	1.0	0.23	1	06/24/25 13:27	
Chloroform	0.51	U	1.0	0.51	1	06/24/25 13:27	
Chloromethane	0.40	U	1.0	0.40	1	06/24/25 13:27	
Dibromochloromethane	0.20	U	1.0	0.20	1	06/24/25 13:27	
Dichloromethane	0.65	U	1.0	0.65	1	06/24/25 13:27	
Ethylbenzene	0.20	U	1.0	0.20	1	06/24/25 13:27	
Styrene	0.20	U	1.0	0.20	1	06/24/25 13:27	
Tetrachloroethene (PCE)	0.21	U	1.0	0.21	1	06/24/25 13:27	
Toluene	0.20	U	1.0	0.20	1	06/24/25 13:27	
Trichloroethene (TCE)	0.20	U	1.0	0.20	1	06/24/25 13:27	
Vinyl Acetate	1.1	U	2.0	1.1	1	06/24/25 13:27	
Vinyl Chloride	0.20	U	1.0	0.20	1	06/24/25 13:27	
Xylenes, Total	0.23	U	3.0	0.23	1	06/24/25 13:27	
cis-1,2-Dichloroethene	0.23	U	1.0	0.23	1	06/24/25 13:27	
cis-1,3-Dichloropropene	0.20	U	1.0	0.20	1	06/24/25 13:27	
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	1	06/24/25 13:27	
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	1	06/24/25 13:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507845-06	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	06/24/25 13:27	
Dibromofluoromethane	101	80 - 116	06/24/25 13:27	
Toluene-d8	104	87 - 121	06/24/25 13:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507845-06	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506995
Date Analyzed: 06/24/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507845-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	18.7	20.0	93	75-125
1,1,2,2-Tetrachloroethane	8260D	19.2	20.0	96	78-126
1,1,2-Trichloroethane	8260D	19.8	20.0	99	82-121
1,1-Dichloroethane (1,1-DCA)	8260D	19.2	20.0	96	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	17.3	20.0	86	71-118
1,2-Dichloroethane	8260D	19.4	20.0	97	71-127
1,2-Dichloropropane	8260D	18.8	20.0	94	80-119
2-Butanone (MEK)	8260D	21.7	20.0	109	61-137
2-Hexanone	8260D	21.5	20.0	108	63-124
4-Methyl-2-pentanone	8260D	21.3	20.0	106	66-124
Acetone	8260D	16.3	20.0	82	40-161
Benzene	8260D	18.8	20.0	94	79-119
Bromodichloromethane	8260D	19.7	20.0	99	81-123
Bromoform	8260D	22.4	20.0	112	65-146
Bromomethane	8260D	14.0	20.0	70	42-166
Carbon Disulfide	8260D	17.8	20.0	89	66-128
Carbon Tetrachloride	8260D	17.4	20.0	87	70-127
Chlorobenzene	8260D	18.7	20.0	93	80-121
Chloroethane	8260D	18.1	20.0	91	62-131
Chloroform	8260D	18.8	20.0	94	79-120
Chloromethane	8260D	18.4	20.0	92	61-143
Dibromochloromethane	8260D	21.5	20.0	108	72-128
Dichloromethane	8260D	20.1	20.0	100	73-122
Ethylbenzene	8260D	19.2	20.0	96	76-120
Styrene	8260D	20.1	20.0	101	80-124
Tetrachloroethene (PCE)	8260D	18.0	20.0	90	72-125
Toluene	8260D	19.2	20.0	96	79-119
Trichloroethene (TCE)	8260D	19.1	20.0	96	74-122
Vinyl Acetate	8260D	23.1	20.0	116	52-174
Vinyl Chloride	8260D	18.2	20.0	91	74-159
Xylenes, Total	8260D	58.4	60.0	97	78-121
cis-1,2-Dichloroethene	8260D	18.9	20.0	95	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506995
Date Analyzed: 06/24/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507845-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260D	20.4	20.0	102	77-122
trans-1,2-Dichloroethene	8260D	19.3	20.0	97	73-118
trans-1,3-Dichloropropene	8260D	22.6	20.0	113	71-133

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506995
Date Analyzed: 06/23/25

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507750-02			RQ2507750-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	8260D	18.3	20.0	92	19.0	20.0	95	75-125	4	30
1,1,2,2-Tetrachloroethane	8260D	17.3	20.0	87	17.9	20.0	89	78-126	3	30
1,1,2-Trichloroethane	8260D	18.0	20.0	90	19.0	20.0	95	82-121	6	30
1,1-Dichloroethane (1,1-DCA)	8260D	18.3	20.0	92	19.1	20.0	95	80-124	4	30
1,1-Dichloroethene (1,1-DCE)	8260D	16.9	20.0	85	17.6	20.0	88	71-118	4	30
1,2-Dichloroethane	8260D	18.2	20.0	91	18.1	20.0	91	71-127	<1	30
1,2-Dichloropropane	8260D	17.9	20.0	90	18.4	20.0	92	80-119	3	30
2-Butanone (MEK)	8260D	19.7	20.0	98	21.9	20.0	109	61-137	11	30
2-Hexanone	8260D	18.4	20.0	92	20.6	20.0	103	63-124	12	30
4-Methyl-2-pentanone	8260D	19.9	20.0	100	21.5	20.0	108	66-124	8	30
Acetone	8260D	15.3	20.0	77	17.2	20.0	86	40-161	12	30
Benzene	8260D	17.8	20.0	89	18.4	20.0	92	79-119	3	30
Bromodichloromethane	8260D	18.7	20.0	93	19.1	20.0	95	81-123	2	30
Bromoform	8260D	21.6	20.0	108	21.8	20.0	109	65-146	1	30
Bromomethane	8260D	15.3	20.0	77	15.4	20.0	77	42-166	<1	30
Carbon Disulfide	8260D	19.7	20.0	98	20.5	20.0	103	66-128	4	30
Carbon Tetrachloride	8260D	18.3	20.0	91	18.4	20.0	92	70-127	<1	30
Chlorobenzene	8260D	18.1	20.0	91	18.9	20.0	94	80-121	4	30
Chloroethane	8260D	18.0	20.0	90	18.3	20.0	92	62-131	2	30
Chloroform	8260D	17.7	20.0	88	18.7	20.0	93	79-120	5	30
Chloromethane	8260D	17.0	20.0	85	17.7	20.0	88	61-143	4	30
Dibromochloromethane	8260D	21.2	20.0	106	22.0	20.0	110	72-128	4	30
Dichloromethane	8260D	18.5	20.0	93	19.1	20.0	96	73-122	3	30
Ethylbenzene	8260D	18.8	20.0	94	19.6	20.0	98	76-120	4	30
Styrene	8260D	18.9	20.0	95	19.6	20.0	98	80-124	3	30
Tetrachloroethene (PCE)	8260D	18.0	20.0	90	18.5	20.0	93	72-125	3	30
Toluene	8260D	18.8	20.0	94	19.2	20.0	96	79-119	2	30
Trichloroethene (TCE)	8260D	18.4	20.0	92	18.6	20.0	93	74-122	1	30
Vinyl Acetate	8260D	22.1	20.0	110	23.1	20.0	115	52-174	4	30
Vinyl Chloride	8260D	17.3	20.0	86	18.9	20.0	94	74-159	9	30
Xylenes, Total	8260D	56.2	60.0	94	58.3	60.0	97	78-121	4	30
cis-1,2-Dichloroethene	8260D	17.9	20.0	89	18.7	20.0	93	80-121	4	30

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506995
Date Analyzed: 06/23/25

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507750-02			RQ2507750-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
cis-1,3-Dichloropropene	8260D	19.3	20.0	96	20.2	20.0	101	77-122	5	30
trans-1,2-Dichloroethene	8260D	18.0	20.0	90	19.4	20.0	97	73-118	7	30
trans-1,3-Dichloropropene	8260D	22.4	20.0	112	22.4	20.0	112	71-133	<1	30

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-061125-023-SG	R2506995-001	86	52	35
WG-TR1045-061125-024-JA	R2506995-002	90	68	44
WG-TR1045-061125-025-SG	R2506995-003	85	72	49
WG-TR1045-061125-026-JA	R2506995-004	93	74	46
WG-TR1045-061125-027-SG	R2506995-005	78	64	45
WG-TR1045-061125-028-JA	R2506995-006	93	77	53
WG-TR1045-061125-029-SG	R2506995-007	82	75	53
WG-TR1045-061125-030-JA	R2506995-008	89	62	55
WG-TR1045-061225-031-SG	R2506995-010	73	68	46
WG-TR1045-061225-032-JA	R2506995-011	74	64	41
WG-TR1045-061225-033-SG	R2506995-012	73	66	44
WG-TR1045-061225-034-JA	R2506995-013	84	61	50
WG-TR1045-061225-035-SG	R2506995-014	72	56	39
WG-TR1045-061225-036-JA	R2506995-015	76	59	42
WG-TR1045-061225-037-SG	R2506995-016	61	61	42
WG-TR1045-061225-038-JA	R2506995-017	67	52	41
Method Blank	RQ2507344-01	89	66	49
Lab Control Sample	RQ2507344-02	108	78	54
Duplicate Lab Control Sample	RQ2507344-03	115	84	63

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E

Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-061125-023-SG	R2506995-001	49	24	99
WG-TR1045-061125-024-JA	R2506995-002	64	30	102
WG-TR1045-061125-025-SG	R2506995-003	69	33	88
WG-TR1045-061125-026-JA	R2506995-004	69	35	121
WG-TR1045-061125-027-SG	R2506995-005	61	31	98
WG-TR1045-061125-028-JA	R2506995-006	75	36	116
WG-TR1045-061125-029-SG	R2506995-007	72	35	79
WG-TR1045-061125-030-JA	R2506995-008	61	53	76
WG-TR1045-061225-031-SG	R2506995-010	64	31	87
WG-TR1045-061225-032-JA	R2506995-011	57	29	91
WG-TR1045-061225-033-SG	R2506995-012	60	30	104
WG-TR1045-061225-034-JA	R2506995-013	57	50	96
WG-TR1045-061225-035-SG	R2506995-014	52	26	109
WG-TR1045-061225-036-JA	R2506995-015	54	34	104
WG-TR1045-061225-037-SG	R2506995-016	58	27	87
WG-TR1045-061225-038-JA	R2506995-017	51	28	89
Method Blank	RQ2507344-01	66	33	104
Lab Control Sample	RQ2507344-02	71	38	103
Duplicate Lab Control Sample	RQ2507344-03	80	43	111

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507344-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	
1,2-Dichlorobenzene	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	
1,3-Dichlorobenzene	1.1 U	10	1.1	1	06/18/25 23:38	6/17/25	
1,4-Dichlorobenzene	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	
2,4,5-Trichlorophenol	1.1 U	10	1.1	1	06/18/25 23:38	6/17/25	
2,4,6-Trichlorophenol	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
2,4-Dichlorophenol	1.3 U	10	1.3	1	06/18/25 23:38	6/17/25	
2,4-Dimethylphenol	4.3 U	10	4.3	1	06/18/25 23:38	6/17/25	
2,4-Dinitrophenol	20 U	50	20	1	06/18/25 23:38	6/17/25	
2,4-Dinitrotoluene	2.4 U	10	2.4	1	06/18/25 23:38	6/17/25	
2,6-Dinitrotoluene	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
2-Chloronaphthalene	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
2-Chlorophenol	1.1 U	10	1.1	1	06/18/25 23:38	6/17/25	
2-Methylnaphthalene	1.3 U	10	1.3	1	06/18/25 23:38	6/17/25	
2-Methylphenol	1.0 U	10	1.0	1	06/18/25 23:38	6/17/25	
2-Nitroaniline	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
2-Nitrophenol	1.5 U	10	1.5	1	06/18/25 23:38	6/17/25	
3,3'-Dichlorobenzidine	2.7 U	10	2.7	1	06/18/25 23:38	6/17/25	
3- and 4-Methylphenol Coelution	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	
3-Nitroaniline	2.8 U	10	2.8	1	06/18/25 23:38	6/17/25	
4,6-Dinitro-2-methylphenol	8.7 U	50	8.7	1	06/18/25 23:38	6/17/25	
4-Bromophenyl Phenyl Ether	1.7 U	10	1.7	1	06/18/25 23:38	6/17/25	
4-Chloro-3-methylphenol	1.1 U	10	1.1	1	06/18/25 23:38	6/17/25	
4-Chloroaniline	2.6 U	10	2.6	1	06/18/25 23:38	6/17/25	
4-Chlorophenyl Phenyl Ether	1.5 U	10	1.5	1	06/18/25 23:38	6/17/25	
4-Nitroaniline	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
4-Nitrophenol	6.4 U	50	6.4	1	06/18/25 23:38	6/17/25	
Acenaphthene	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
Acenaphthylene	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
Anthracene	1.3 U	10	1.3	1	06/18/25 23:38	6/17/25	
Benz(a)anthracene	1.6 U	10	1.6	1	06/18/25 23:38	6/17/25	
Benzo(a)pyrene	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	
Benzo(b)fluoranthene	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	
Benzo(g,h,i)perylene	2.1 U	10	2.1	1	06/18/25 23:38	6/17/25	
Benzo(k)fluoranthene	1.3 U	10	1.3	1	06/18/25 23:38	6/17/25	
Benzoic Acid	36 U	50	36	1	06/18/25 23:38	6/17/25	
Benzyl Alcohol	1.6 U	10	1.6	1	06/18/25 23:38	6/17/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
Bis(2-chloroethoxy)methane	1.9 U	10	1.9	1	06/18/25 23:38	6/17/25	
Bis(2-chloroethyl) Ether	1.3 U	10	1.3	1	06/18/25 23:38	6/17/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	10	4.3	1	06/18/25 23:38	6/17/25	
Butyl Benzyl Phthalate	2.9 U	10	2.9	1	06/18/25 23:38	6/17/25	
Chrysene	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507344-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	10	1.7	1	06/18/25 23:38	6/17/25	
Di-n-octyl Phthalate	3.3 U	10	3.3	1	06/18/25 23:38	6/17/25	
Dibenz(a,h)anthracene	1.1 U	10	1.1	1	06/18/25 23:38	6/17/25	
Dibenzofuran	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
Diethyl Phthalate	1.1 U	10	1.1	1	06/18/25 23:38	6/17/25	
Dimethyl Phthalate	1.3 U	10	1.3	1	06/18/25 23:38	6/17/25	
Fluoranthene	1.5 U	10	1.5	1	06/18/25 23:38	6/17/25	
Fluorene	1.3 U	10	1.3	1	06/18/25 23:38	6/17/25	
Hexachlorobenzene	1.6 U	10	1.6	1	06/18/25 23:38	6/17/25	
Hexachlorobutadiene	2.2 U	10	2.2	1	06/18/25 23:38	6/17/25	
Hexachlorocyclopentadiene	2.2 U	10	2.2	1	06/18/25 23:38	6/17/25	
Hexachloroethane	1.1 U	10	1.1	1	06/18/25 23:38	6/17/25	
Indeno(1,2,3-cd)pyrene	1.8 U	10	1.8	1	06/18/25 23:38	6/17/25	
Isophorone	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
N-Nitrosodi-n-propylamine	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	
N-Nitrosodiphenylamine	6.3 U	10	6.3	1	06/18/25 23:38	6/17/25	
Naphthalene	1.2 U	10	1.2	1	06/18/25 23:38	6/17/25	
Nitrobenzene	1.5 U	10	1.5	1	06/18/25 23:38	6/17/25	
Pentachlorophenol (PCP)	9.7 U	50	9.7	1	06/18/25 23:38	6/17/25	
Phenanthrene	1.4 U	10	1.4	1	06/18/25 23:38	6/17/25	
Phenol	1.0 U	10	1.0	1	06/18/25 23:38	6/17/25	
Pyrene	1.5 U	10	1.5	1	06/18/25 23:38	6/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	89	31 - 133	06/18/25 23:38	
2-Fluorobiphenyl	66	25 - 99	06/18/25 23:38	
2-Fluorophenol	49	15 - 72	06/18/25 23:38	
Nitrobenzene-d5	66	22 - 104	06/18/25 23:38	
Phenol-d6	33	10 - 55	06/18/25 23:38	
p-Terphenyl-d14	104	10 - 143	06/18/25 23:38	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506995
Date Analyzed: 06/19/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507344-02			RQ2507344-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270E	52.9	80.0	66	51.4	80.0	64	26-85	3	30
1,2-Dichlorobenzene	8270E	50.6	80.0	63	50.1	80.0	63	20-85	<1	30
1,3-Dichlorobenzene	8270E	50.2	80.0	63	48.9	80.0	61	18-83	3	30
1,4-Dichlorobenzene	8270E	50.6	80.0	63	50.3	80.0	63	18-82	<1	30
2,4,5-Trichlorophenol	8270E	75.4	80.0	94	82.0	80.0	102	55-114	8	30
2,4,6-Trichlorophenol	8270E	73.1	80.0	91	80.2	80.0	100	49-103	9	30
2,4-Dichlorophenol	8270E	67.5	80.0	84	74.8	80.0	94	43-101	10	30
2,4-Dimethylphenol	8270E	64.6	80.0	81	73.1	80.0	91	45-129	12	30
2,4-Dinitrophenol	8270E	57.1	80.0	71	63.8	80.0	80	14-129	11	30
2,4-Dinitrotoluene	8270E	83.6	80.0	105	89.4	80.0	112	58-124	7	30
2,6-Dinitrotoluene	8270E	80.8	80.0	101	87.8	80.0	110	62-126	8	30
2-Chloronaphthalene	8270E	57.9	80.0	72	57.9	80.0	72	38-97	<1	30
2-Chlorophenol	8270E	59.4	80.0	74	68.2	80.0	85	33-93	14	30
2-Methylnaphthalene	8270E	49.4	80.0	62	49.1	80.0	61	35-94	<1	30
2-Methylphenol	8270E	63.6	80.0	80	71.9	80.0	90	41-97	12	30
2-Nitroaniline	8270E	69.7	80.0	87	75.5	80.0	94	56-122	8	30
2-Nitrophenol	8270E	61.1	80.0	76	67.4	80.0	84	36-101	10	30
3- and 4-Methylphenol Coelution	8270E	62.7	80.0	78	70.9	80.0	89	40-92	12	30
3-Nitroaniline	8270E	73.6	80.0	92	78.1	80.0	98	52-115	6	30
4,6-Dinitro-2-methylphenol	8270E	75.5	80.0	94	82.4	80.0	103	31-119	9	30
4-Bromophenyl Phenyl Ether	8270E	67.4	80.0	84	74.6	80.0	93	54-123	10	30
4-Chloro-3-methylphenol	8270E	68.5	80.0	86	74.3	80.0	93	52-104	8	30
4-Chloroaniline	8270E	78.8	80.0	99	84.1	80.0	105	43-113	6	30
4-Chlorophenyl Phenyl Ether	8270E	66.5	80.0	83	71.2	80.0	89	52-113	7	30
4-Nitroaniline	8270E	65.2	80.0	81	69.6	80.0	87	54-118	7	30
4-Nitrophenol	8270E	35.6 J	80.0	45	39.4 J	80.0	49	16-64	10	30
Acenaphthene	8270E	60.0	80.0	75	61.2	80.0	76	46-103	2	30
Acenaphthylene	8270E	65.6	80.0	82	67.7	80.0	85	51-114	3	30
Anthracene	8270E	72.4	80.0	90	76.9	80.0	96	61-115	6	30
Benz(a)anthracene	8270E	78.1	80.0	98	83.8	80.0	105	60-110	7	30
Benzo(a)pyrene	8270E	85.7	80.0	107	90.6	80.0	113	68-137	6	30
Benzo(b)fluoranthene	8270E	73.7	80.0	92	78.2	80.0	98	59-114	6	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506995
Date Analyzed: 06/19/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507344-02			RQ2507344-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270E	75.8	80.0	95	80.7	80.0	101	60-123	6	30
Benzo(k)fluoranthene	8270E	83.2	80.0	104	87.4	80.0	109	62-122	5	30
Benzoic Acid	8270E	36 U	80.0	0 *	36 U	80.0	0 *	10-110	NC	30
Benzyl Alcohol	8270E	66.0	80.0	83	74.4	80.0	93	46-106	12	30
2,2'-Oxybis(1-chloropropane)	8270E	51.8	80.0	65	55.5	80.0	69	32-104	7	30
Bis(2-chloroethoxy)methane	8270E	64.7	80.0	81	72.3	80.0	90	55-126	11	30
Bis(2-chloroethyl) Ether	8270E	57.6	80.0	72	64.1	80.0	80	36-101	11	30
Bis(2-ethylhexyl) Phthalate	8270E	80.7	80.0	101	86.4	80.0	108	51-132	7	30
Butyl Benzyl Phthalate	8270E	74.1	80.0	93	79.3	80.0	99	54-122	7	30
Chrysene	8270E	81.9	80.0	102	86.3	80.0	108	64-116	5	30
Di-n-butyl Phthalate	8270E	76.0	80.0	95	81.2	80.0	102	61-147	7	30
Di-n-octyl Phthalate	8270E	87.9	80.0	110	93.6	80.0	117	43-139	6	30
Dibenz(a,h)anthracene	8270E	76.1	80.0	95	81.3	80.0	102	34-140	7	30
Dibenzofuran	8270E	63.7	80.0	80	66.9	80.0	84	50-107	5	30
Diethyl Phthalate	8270E	78.1	80.0	98	81.6	80.0	102	57-113	4	30
Dimethyl Phthalate	8270E	77.6	80.0	97	82.3	80.0	103	64-114	6	30
Fluoranthene	8270E	70.0	80.0	88	74.1	80.0	93	58-129	6	30
Fluorene	8270E	68.0	80.0	85	71.8	80.0	90	54-111	6	30
Hexachlorobenzene	8270E	69.5	80.0	87	74.8	80.0	93	54-122	7	30
Hexachlorobutadiene	8270E	54.7	80.0	68	52.4	80.0	66	25-89	4	30
Hexachlorocyclopentadiene	8270E	47.5	80.0	59	45.3	80.0	57	10-71	5	30
Hexachloroethane	8270E	50.2	80.0	63	48.7	80.0	61	16-81	3	30
Indeno(1,2,3-cd)pyrene	8270E	77.3	80.0	97	82.8	80.0	104	54-119	7	30
Isophorone	8270E	65.6	80.0	82	72.0	80.0	90	51-108	9	30
N-Nitrosodi-n-propylamine	8270E	60.6	80.0	76	66.9	80.0	84	44-101	10	30
N-Nitrosodiphenylamine	8270E	78.0	80.0	97	84.8	80.0	106	65-126	8	30
Naphthalene	8270E	52.1	80.0	65	51.6	80.0	64	32-91	<1	30
Nitrobenzene	8270E	56.6	80.0	71	60.5	80.0	76	39-100	7	30
Pentachlorophenol (PCP)	8270E	56.7	80.0	71	60.2	80.0	75	11-154	6	30
Phenanthrene	8270E	66.2	80.0	83	70.5	80.0	88	60-111	6	30
Phenol	8270E	33.8	80.0	42	38.8	80.0	49	10-67	14	30
Pyrene	8270E	75.1	80.0	94	80.3	80.0	100	62-111	7	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B

Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 111	Tetrachloro-m-xylene 10 - 101
WG-TR1045-061125-023-SG	R2506995-001	48	63
WG-TR1045-061125-024-JA	R2506995-002	28	64
WG-TR1045-061125-025-SG	R2506995-003	35	74
WG-TR1045-061125-026-JA	R2506995-004	50	58
WG-TR1045-061125-027-SG	R2506995-005	51	65
WG-TR1045-061125-028-JA	R2506995-006	47	58
WG-TR1045-061125-029-SG	R2506995-007	46	69
WG-TR1045-061125-030-JA	R2506995-008	57	69
WG-TR1045-061225-031-SG	R2506995-010	45	60
WG-TR1045-061225-032-JA	R2506995-011	43	61
WG-TR1045-061225-033-SG	R2506995-012	61	63
WG-TR1045-061225-034-JA	R2506995-013	56	69 P
WG-TR1045-061225-035-SG	R2506995-014	50	53
WG-TR1045-061225-036-JA	R2506995-015	53	55 P
WG-TR1045-061225-037-SG	R2506995-016	51	67
WG-TR1045-061225-038-JA	R2506995-017	54	64
Method Blank	RQ2507420-01	29	39
Method Blank	RQ2507420-01	23	32
Lab Control Sample	RQ2507420-02	33	47
Lab Control Sample	RQ2507420-02	26	42
Duplicate Lab Control Sample	RQ2507420-03	37	69
Duplicate Lab Control Sample	RQ2507420-03	43	73

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507420-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
4,4'-DDE	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
4,4'-DDT	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Aldrin	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Dieldrin	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Endosulfan I	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Endosulfan II	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Endosulfan Sulfate	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Endrin	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Endrin Ketone	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Heptachlor	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Heptachlor Epoxide	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Methoxychlor	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 17:51	6/18/25	
alpha-BHC	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
alpha-Chlordane	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
beta-BHC	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
delta-BHC	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	
gamma-Chlordane	0.020 U	0.050	0.020	1	06/26/25 17:51	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507420-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 111	06/26/25 17:51	
Tetrachloro-m-xylene	37	10 - 101	06/26/25 17:51	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507420-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
4,4'-DDE	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
4,4'-DDT	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Aldrin	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Dieldrin	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Endosulfan I	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Endosulfan II	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Endosulfan Sulfate	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Endrin	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Endrin Ketone	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Heptachlor	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Heptachlor Epoxide	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Methoxychlor	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 20:10	6/18/25	
alpha-BHC	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
alpha-Chlordane	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
beta-BHC	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
delta-BHC	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
gamma-BHC (Lindane)	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	
gamma-Chlordane	0.020 U	0.050	0.020	1	06/26/25 20:10	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507420-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	23	10 - 111	06/26/25 20:10	
Tetrachloro-m-xylene	32	10 - 101	06/26/25 20:10	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506995
Date Analyzed: 06/26/25

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507420-02			RQ2507420-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.291	0.400	73	0.403	0.400	101	38-116	32*	30
4,4'-DDE	8081B	0.323	0.400	81	0.374	0.400	93	40-107	15	30
4,4'-DDT	8081B	0.288	0.400	72	0.421	0.400	105	41-121	38*	30
Aldrin	8081B	0.231	0.400	58	0.291	0.400	73	27-85	23	30
Dieldrin	8081B	0.305	0.400	76	0.395	0.400	99	45-112	26	30
Endosulfan I	8081B	0.294	0.400	74	0.373	0.400	93	44-111	24	30
Endosulfan II	8081B	0.309	0.400	77	0.385	0.400	96	44-114	22	30
Endosulfan Sulfate	8081B	0.173	0.400	43	0.336	0.400	84	38-119	64*	30
Endrin	8081B	0.306	0.400	76	0.419	0.400	105	47-116	31*	30
Endrin Ketone	8081B	0.330	0.400	82	0.434	0.400	108	44-120	27	30
Heptachlor	8081B	0.308	0.400	77	0.376	0.400	94	33-99	20	30
Heptachlor Epoxide	8081B	0.301	0.400	75	0.381	0.400	95	46-111	23	30
Methoxychlor	8081B	0.394	0.400	99	0.484	0.400	121	29-138	20	30
alpha-BHC	8081B	0.279	0.400	70	0.356	0.400	89	39-107	24	30
alpha-Chlordane	8081B	0.296	0.400	74	0.374	0.400	94	44-107	24	30
beta-BHC	8081B	0.294	0.400	73	0.363	0.400	91	47-110	21	30
delta-BHC	8081B	0.192	0.400	48	0.337	0.400	84	43-109	55*	30
gamma-BHC (Lindane)	8081B	0.271	0.400	68	0.365	0.400	91	41-105	30	30
gamma-Chlordane	8081B	0.295	0.400	74	0.375	0.400	94	41-107	24	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2506995

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A

Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 118	Tetrachloro-m-xylene 10 - 103
WG-TR1045-061125-023-SG	R2506995-001	38	61
WG-TR1045-061125-024-JA	R2506995-002	23	63
WG-TR1045-061125-025-SG	R2506995-003	31	71
WG-TR1045-061125-026-JA	R2506995-004	42	64
WG-TR1045-061125-027-SG	R2506995-005	53	72
WG-TR1045-061125-028-JA	R2506995-006	50	64
WG-TR1045-061125-029-SG	R2506995-007	39	66
WG-TR1045-061125-030-JA	R2506995-008	48	67
WG-TR1045-061225-031-SG	R2506995-010	47	67
WG-TR1045-061225-032-JA	R2506995-011	44	66
WG-TR1045-061225-033-SG	R2506995-012	51	62
WG-TR1045-061225-034-JA	R2506995-013	47	68 P
WG-TR1045-061225-035-SG	R2506995-014	47	57
WG-TR1045-061225-036-JA	R2506995-015	59	65 P
WG-TR1045-061225-037-SG	R2506995-016	45	66
WG-TR1045-061225-038-JA	R2506995-017	48	63
Method Blank	RQ2507420-01	24	35
Method Blank	RQ2507420-01	19	34
Lab Control Sample	RQ2507420-04	37	66
Lab Control Sample	RQ2507420-04	30	66
Duplicate Lab Control Sample	RQ2507420-05	35	65
Duplicate Lab Control Sample	RQ2507420-05	31	66

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507420-01	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	1.0	0.50	1	06/26/25 09:36	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 09:36	6/18/25	
Aroclor 1232	0.50 U	1.0	0.50	1	06/26/25 09:36	6/18/25	
Aroclor 1242	0.50 U	1.0	0.50	1	06/26/25 09:36	6/18/25	
Aroclor 1248	0.50 U	1.0	0.50	1	06/26/25 09:36	6/18/25	
Aroclor 1254	0.50 U	1.0	0.50	1	06/26/25 09:36	6/18/25	
Aroclor 1260	0.50 U	1.0	0.50	1	06/26/25 09:36	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	24	10 - 118	06/26/25 09:36	
Tetrachloro-m-xylene	34	10 - 103	06/26/25 09:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2506995
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507420-01	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	1.0	0.50	1	06/26/25 16:35	6/18/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/26/25 16:35	6/18/25	
Aroclor 1232	0.50 U	1.0	0.50	1	06/26/25 16:35	6/18/25	
Aroclor 1242	0.50 U	1.0	0.50	1	06/26/25 16:35	6/18/25	
Aroclor 1248	0.50 U	1.0	0.50	1	06/26/25 16:35	6/18/25	
Aroclor 1254	0.50 U	1.0	0.50	1	06/26/25 16:35	6/18/25	
Aroclor 1260	0.50 U	1.0	0.50	1	06/26/25 16:35	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	19	10 - 118	06/26/25 16:35	
Tetrachloro-m-xylene	34	10 - 103	06/26/25 16:35	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2506995
Date Analyzed: 06/26/25

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507420-04			RQ2507420-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	6.80	10.0	68	7.52	10.0	75	35-131	10	30
Aroclor 1260	8082A	7.28	10.0	73	8.03	10.0	80	37-141	10	30

July 08, 2025 Service Request No:R2507066

Ms. Sheri Finn
GHD Services Inc.
2055 Niagara Falls Blvd.,
Niagara Falls, NY 14304

Laboratory Results for: Love Canal:292-402-D02-3100

Dear Ms.Finn,

Enclosed are the results of the sample(s) submitted to our laboratory June 17, 2025
For your reference, these analyses have been assigned our service request number **R2507066.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Dennis Hoyt

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ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100
Sample Matrix: Water

Service Request: R2507066
Date Received: 06/17/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 06/17/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

Method 8270E: The analysis of one or more samples was initially attempted within holding time but was not useable due to an analytical system or QC failure. Efforts were made to reanalyze the sample(s) as soon as possible after the analytical system was back in control. However, the reanalysis of the sample(s) was performed past the recommended holding time. The results from the reanalysis are reported. The data is flagged to indicate the holding time exceedance.

Method 8270E, 07/08/2025: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8270E, 06/28/2025: Benzoic acid has been reported as zero percent recovery in the LCS/LCSD due to a limitation in LIMs. Benzoic acid was detected at 26% and 24% recovery, respectively, within laboratory limits. The LCS/LCSD is acceptable and should not be flagged on the summary form. The precision is also outside laboratory control limits.

Method 8270E, 06/28/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Semivoa GC:

Method 8081B, 884476s: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. No further corrective action was required. Sample -008.
Method 8081B, 883379s: The control limits were exceeded for one or more surrogates due to matrix interferences. Due to the presence of non-target background components that prevented adequate resolution of the surrogate, accurate quantitation was not possible. No further corrective action was appropriate. Samples -008 and -009.

Method 8081B, 883379: The control limits were exceeded for one or more surrogates due to suspected matrix interferences. Sample -008 scheduled for re-extraction.
Method 8081B: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV) on one detector. All recoveries were acceptable on the secondary detector. Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
Method 8081B, 883870s: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-

Approved by Meghan Pedro Date 07/08/2025

extraction and reanalysis was performed, but produced similar results. No further corrective action was required.

Method 8082A, 883368s: The control limits were exceeded for one or more surrogates due to matrix interferences. Due to the presence of non-target background components that prevented adequate resolution of the surrogate, accurate quantitation was not possible. No further corrective action was appropriate. Samples -008 and -009.

Volatiles by GC/MS:

Method 8260D, 06/26/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 07/08/2025

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc.
Service Request: R2507066
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

SAMPLE CROSS-REFERENCE

R2507066-001	WG-TR1045-061325-039-JA	6/13/2025	0820
R2507066-002	WG-TR1045-061325-040-JA	6/13/2025	0940
R2507066-003	WG-TR1045-061325-041-JA	6/13/2025	1225
R2507066-004	WG-TR1045-061325-042-JA	6/13/2025	1335
R2507066-005	LCANNUALTRIP-061325	6/13/2025	
R2507066-006	WG-TR1045-061625-043-SG	6/16/2025	0925
R2507066-007	WG-TR1045-061625-044-JA	6/16/2025	0855
R2507066-008	WG-TR1045-061625-045-JA	6/16/2025	1000
R2507066-009	WG-TR1045-061625-046-JA	6/16/2025	1000

CHAIN OF CUSTODY RECORD

Laboratory: ALS
1565 Jefferson Road Building 300, Suite 360 Rochester, NY 14623
(585) 288-5380

WO # / LAB USE ONLY

DATE: 06/16/25
PAGE: 1 OF 1

LABORATORY CLIENT: GSH/Geosyntec
Report to Sheri Finn, Alden Wells & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-342-6968 FAX:

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)

PROJECT CONTACT: Alden Wells & Dennis Hoyt

E-MAIL: alden.wells@geosyntec.com dhoyt@geosyntec.com

P.O. NO.: 292-402-D02-3100

SAMPLER(S): (PRINT) Shawn Gardner/ Justin Adams

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EVENT COMPLETE

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	REQUESTED ANALYSES 7D 8081B / Pest OC	8082A / PCB	8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-061325-039-JA	6/13/2025	8:20	WG	21	X	X	X	X	X	X			X
	WG-TR1045-061325-040-JA	6/13/2025	9:40	WG	7	X	X	X	X	X	X			
	WG-TR1045-061325-041-JA	6/13/2025	12:25	WG	7	X	X	X	X	X	X			
	WG-TR1045-061325-042-JA	6/13/2025	13:35	WG	7	X	X	X	X	X	X			
	LCANNUALTRIP-061325			WGQ	2		X				X			
	WG-TR1045-061625-043-SG	6/16/2025	9:25	WG	7	X	X	X	X	X	X			
	WG-TR1045-061625-044-JA	6/16/2025	8:55	WG	7	X	X	X	X	X	X			
	WG-TR1045-061625-045-JA	6/16/2025	10:00	WG	7	X	X	X	X	X	X			
	WG-TR1045-061625-046-JA	6/16/2025	10:00	WG	7	X	X	X	X	X	X			

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
Shawn Gardner	Shawn Gardner	6/16/25	1030	Molli Woods		6/17/25	12:30
Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature		

R2507066 5
GHD Services Inc.
Love Canal:292-402-D02-3100

R2507066 5
GHD Services Inc.
Love Canal:282-402-002-3100

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 6/17/25 by: MW/RM **COURIER:** ALS UPS (FEDEX) VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	(Y) N	5a	Did **VOA** vials have sig* **bubbles**?			Y (N) NA
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?**	Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC)	CLIENT	
4	Circle: (**Wet Ice**) **Dry Ice** **Gel packs** present?	(Y) N	7	Soil VOA received as:	Bulk	Encore	5035set (NA)

8. Temperature Readings Date: 6/17/25 Time: 13:09 ID: IR#12 (IR#1) From: Temp Blank (Sample Bottle)

Temp (°C)	1.7	1.6					
Within 0-6°C?	(Y) N	(Y) N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by RM/MW on 6/17/25 at 13:22
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/17/25 Time: 600 by: RDA

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? (YES) NO N/A
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-						
		HCl	**	**						

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 122324-3AX17, 122924-16J
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RDA *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Glenn Springs Holdings, Inc. **Service Request:** R2507066

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
8270E	Water	3- and 4-Methylphenol Coelution

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Service Request: R2507066

Sample Name: WG-TR1045-061325-039-JA
Lab Code: R2507066-001
Sample Matrix: Water
Date Collected: 06/13/25
Date Received: 06/17/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061325-040-JA
Lab Code: R2507066-002
Sample Matrix: Water
Date Collected: 06/13/25
Date Received: 06/17/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061325-041-JA
Lab Code: R2507066-003
Sample Matrix: Water
Date Collected: 06/13/25
Date Received: 06/17/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061325-042-JA
Lab Code: R2507066-004
Sample Matrix: Water
Date Collected: 06/13/25
Date Received: 06/17/25

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER

Client: Glenn Springs Holdings, Inc. **Service Request:** R2507066
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-061325-042-JA **Date Collected:** 06/13/25
Lab Code: R2507066-004 **Date Received:** 06/17/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: LCANNUALTRIP-061325 **Date Collected:** 06/13/25
Lab Code: R2507066-005 **Date Received:** 06/17/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: WG-TR1045-061625-043-SG **Date Collected:** 06/16/25
Lab Code: R2507066-006 **Date Received:** 06/17/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061625-044-JA **Date Collected:** 06/16/25
Lab Code: R2507066-007 **Date Received:** 06/17/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Client: Glenn Springs Holdings, Inc. **Service Request:** R2507066
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-061625-045-JA **Date Collected:** 06/16/25
Lab Code: R2507066-008 **Date Received:** 06/17/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name: WG-TR1045-061625-045-JA **Date Collected:** 06/16/25
Lab Code: R2507066-008.R01 **Date Received:** 06/17/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER

Sample Name: WG-TR1045-061625-045-JA **Date Collected:** 06/16/25
Lab Code: R2507066-008.R02 **Date Received:** 06/17/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER

Sample Name: WG-TR1045-061625-045-JA **Date Collected:** 06/16/25
Lab Code: R2507066-008.R03 **Date Received:** 06/17/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-061625-046-JA	**Date Collected:**	06/16/25
Lab Code:	R2507066-009	**Date Received:**	06/17/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260D		KRUEST
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061625-046-JA	**Date Collected:**	06/16/25
Lab Code:	R2507066-009.R01	**Date Received:**	06/17/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8270E	JVANHEYNINGEN	AMOSES

Sample Name:	WG-TR1045-061625-046-JA	**Date Collected:**	06/16/25
Lab Code:	R2507066-009.R02	**Date Received:**	06/17/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8270E	JVANHEYNINGEN	AMOSES

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 08:20
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/26/25 16:54	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/26/25 16:54	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/26/25 16:54	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/26/25 16:54	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/26/25 16:54	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/26/25 16:54	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/26/25 16:54	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/26/25 16:54	
2-Hexanone	0.20 U	5.0	0.20	1	06/26/25 16:54	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/26/25 16:54	
Acetone	5.0 U	5.0	5.0	1	06/26/25 16:54	
Benzene	0.20 U	1.0	0.20	1	06/26/25 16:54	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/26/25 16:54	
Bromoform	0.25 U	1.0	0.25	1	06/26/25 16:54	
Bromomethane	0.70 U	1.0	0.70	1	06/26/25 16:54	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/26/25 16:54	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/26/25 16:54	
Chlorobenzene	0.20 U	1.0	0.20	1	06/26/25 16:54	
Chloroethane	0.23 U	1.0	0.23	1	06/26/25 16:54	
Chloroform	0.51 U	1.0	0.51	1	06/26/25 16:54	
Chloromethane	0.40 U	1.0	0.40	1	06/26/25 16:54	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/26/25 16:54	
Dichloromethane	0.65 U	1.0	0.65	1	06/26/25 16:54	
Ethylbenzene	0.20 U	1.0	0.20	1	06/26/25 16:54	
Styrene	0.20 U	1.0	0.20	1	06/26/25 16:54	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/26/25 16:54	
Toluene	0.20 U	1.0	0.20	1	06/26/25 16:54	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/26/25 16:54	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/26/25 16:54	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/26/25 16:54	
Xylenes, Total	0.23 U	3.0	0.23	1	06/26/25 16:54	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/26/25 16:54	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/26/25 16:54	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/26/25 16:54	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/26/25 16:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 08:20
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/26/25 16:54	
Dibromofluoromethane	98	80 - 116	06/26/25 16:54	
Toluene-d8	100	87 - 121	06/26/25 16:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 08:20
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 09:40
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-040-JA	**Units:**	ug/L
Lab Code:	R2507066-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/26/25 17:17	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/26/25 17:17	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/26/25 17:17	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/26/25 17:17	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/26/25 17:17	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/26/25 17:17	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/26/25 17:17	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/26/25 17:17	
2-Hexanone	0.20 U	5.0	0.20	1	06/26/25 17:17	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/26/25 17:17	
Acetone	5.0 U	5.0	5.0	1	06/26/25 17:17	
Benzene	0.20 U	1.0	0.20	1	06/26/25 17:17	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/26/25 17:17	
Bromoform	0.25 U	1.0	0.25	1	06/26/25 17:17	
Bromomethane	0.70 U	1.0	0.70	1	06/26/25 17:17	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/26/25 17:17	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/26/25 17:17	
Chlorobenzene	0.20 U	1.0	0.20	1	06/26/25 17:17	
Chloroethane	0.23 U	1.0	0.23	1	06/26/25 17:17	
Chloroform	0.51 U	1.0	0.51	1	06/26/25 17:17	
Chloromethane	0.40 U	1.0	0.40	1	06/26/25 17:17	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/26/25 17:17	
Dichloromethane	0.65 U	1.0	0.65	1	06/26/25 17:17	
Ethylbenzene	0.20 U	1.0	0.20	1	06/26/25 17:17	
Styrene	0.20 U	1.0	0.20	1	06/26/25 17:17	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/26/25 17:17	
Toluene	0.20 U	1.0	0.20	1	06/26/25 17:17	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/26/25 17:17	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/26/25 17:17	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/26/25 17:17	
Xylenes, Total	0.23 U	3.0	0.23	1	06/26/25 17:17	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/26/25 17:17	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/26/25 17:17	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/26/25 17:17	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/26/25 17:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 09:40
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-040-JA	**Units:**	ug/L
Lab Code:	R2507066-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	06/26/25 17:17	
Dibromofluoromethane	101	80 - 116	06/26/25 17:17	
Toluene-d8	100	87 - 121	06/26/25 17:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 09:40
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-040-JA	**Units:**	ug/L
Lab Code:	R2507066-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 12:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-041-JA	**Units:**	ug/L
Lab Code:	R2507066-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/26/25 15:45	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/26/25 15:45	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/26/25 15:45	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/26/25 15:45	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/26/25 15:45	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/26/25 15:45	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/26/25 15:45	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/26/25 15:45	
2-Hexanone	0.20 U	5.0	0.20	1	06/26/25 15:45	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/26/25 15:45	
Acetone	5.0 U	5.0	5.0	1	06/26/25 15:45	
Benzene	0.20 U	1.0	0.20	1	06/26/25 15:45	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/26/25 15:45	
Bromoform	0.25 U	1.0	0.25	1	06/26/25 15:45	
Bromomethane	0.70 U	1.0	0.70	1	06/26/25 15:45	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/26/25 15:45	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/26/25 15:45	
Chlorobenzene	0.20 U	1.0	0.20	1	06/26/25 15:45	
Chloroethane	0.23 U	1.0	0.23	1	06/26/25 15:45	
Chloroform	0.51 U	1.0	0.51	1	06/26/25 15:45	
Chloromethane	0.40 U	1.0	0.40	1	06/26/25 15:45	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/26/25 15:45	
Dichloromethane	0.65 U	1.0	0.65	1	06/26/25 15:45	
Ethylbenzene	0.20 U	1.0	0.20	1	06/26/25 15:45	
Styrene	0.20 U	1.0	0.20	1	06/26/25 15:45	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/26/25 15:45	
Toluene	0.20 U	1.0	0.20	1	06/26/25 15:45	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/26/25 15:45	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/26/25 15:45	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/26/25 15:45	
Xylenes, Total	0.23 U	3.0	0.23	1	06/26/25 15:45	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/26/25 15:45	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/26/25 15:45	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/26/25 15:45	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/26/25 15:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 12:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-041-JA	**Units:**	ug/L
Lab Code:	R2507066-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/26/25 15:45	
Dibromofluoromethane	99	80 - 116	06/26/25 15:45	
Toluene-d8	102	87 - 121	06/26/25 15:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 12:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-041-JA	**Units:**	ug/L
Lab Code:	R2507066-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 13:35
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-042-JA	**Units:**	ug/L
Lab Code:	R2507066-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/26/25 16:08	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/26/25 16:08	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/26/25 16:08	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/26/25 16:08	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/26/25 16:08	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/26/25 16:08	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/26/25 16:08	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/26/25 16:08	
2-Hexanone	0.20 U	5.0	0.20	1	06/26/25 16:08	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/26/25 16:08	
Acetone	5.0 U	5.0	5.0	1	06/26/25 16:08	
Benzene	0.20 U	1.0	0.20	1	06/26/25 16:08	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/26/25 16:08	
Bromoform	0.25 U	1.0	0.25	1	06/26/25 16:08	
Bromomethane	0.70 U	1.0	0.70	1	06/26/25 16:08	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/26/25 16:08	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/26/25 16:08	
Chlorobenzene	0.20 U	1.0	0.20	1	06/26/25 16:08	
Chloroethane	0.23 U	1.0	0.23	1	06/26/25 16:08	
Chloroform	0.51 U	1.0	0.51	1	06/26/25 16:08	
Chloromethane	0.40 U	1.0	0.40	1	06/26/25 16:08	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/26/25 16:08	
Dichloromethane	0.65 U	1.0	0.65	1	06/26/25 16:08	
Ethylbenzene	0.20 U	1.0	0.20	1	06/26/25 16:08	
Styrene	0.20 U	1.0	0.20	1	06/26/25 16:08	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/26/25 16:08	
Toluene	0.20 U	1.0	0.20	1	06/26/25 16:08	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/26/25 16:08	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/26/25 16:08	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/26/25 16:08	
Xylenes, Total	0.23 U	3.0	0.23	1	06/26/25 16:08	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/26/25 16:08	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/26/25 16:08	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/26/25 16:08	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/26/25 16:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 13:35
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-042-JA	**Units:**	ug/L
Lab Code:	R2507066-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	06/26/25 16:08	
Dibromofluoromethane	99	80 - 116	06/26/25 16:08	
Toluene-d8	102	87 - 121	06/26/25 16:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 13:35
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-042-JA	**Units:**	ug/L
Lab Code:	R2507066-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	LCANNUALTRIP-061325	**Units:**	ug/L
Lab Code:	R2507066-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/26/25 15:21	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/26/25 15:21	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/26/25 15:21	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/26/25 15:21	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/26/25 15:21	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/26/25 15:21	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/26/25 15:21	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/26/25 15:21	
2-Hexanone	0.20 U	5.0	0.20	1	06/26/25 15:21	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/26/25 15:21	
Acetone	5.0 U	5.0	5.0	1	06/26/25 15:21	
Benzene	0.20 U	1.0	0.20	1	06/26/25 15:21	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/26/25 15:21	
Bromoform	0.25 U	1.0	0.25	1	06/26/25 15:21	
Bromomethane	0.70 U	1.0	0.70	1	06/26/25 15:21	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/26/25 15:21	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/26/25 15:21	
Chlorobenzene	0.20 U	1.0	0.20	1	06/26/25 15:21	
Chloroethane	0.23 U	1.0	0.23	1	06/26/25 15:21	
Chloroform	0.51 U	1.0	0.51	1	06/26/25 15:21	
Chloromethane	0.40 U	1.0	0.40	1	06/26/25 15:21	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/26/25 15:21	
Dichloromethane	0.65 U	1.0	0.65	1	06/26/25 15:21	
Ethylbenzene	0.20 U	1.0	0.20	1	06/26/25 15:21	
Styrene	0.20 U	1.0	0.20	1	06/26/25 15:21	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/26/25 15:21	
Toluene	0.20 U	1.0	0.20	1	06/26/25 15:21	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/26/25 15:21	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/26/25 15:21	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/26/25 15:21	
Xylenes, Total	0.23 U	3.0	0.23	1	06/26/25 15:21	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/26/25 15:21	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/26/25 15:21	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/26/25 15:21	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/26/25 15:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	LCANNUALTRIP-061325	**Units:**	ug/L
Lab Code:	R2507066-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/26/25 15:21	
Dibromofluoromethane	101	80 - 116	06/26/25 15:21	
Toluene-d8	103	87 - 121	06/26/25 15:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	LCANNUALTRIP-061325	**Units:**	ug/L
Lab Code:	R2507066-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 09:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-043-SG	**Units:**	ug/L
Lab Code:	R2507066-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/26/25 17:40	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/26/25 17:40	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/26/25 17:40	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/26/25 17:40	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/26/25 17:40	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/26/25 17:40	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/26/25 17:40	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/26/25 17:40	
2-Hexanone	0.20 U	5.0	0.20	1	06/26/25 17:40	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/26/25 17:40	
Acetone	5.0 U	5.0	5.0	1	06/26/25 17:40	
Benzene	0.20 U	1.0	0.20	1	06/26/25 17:40	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/26/25 17:40	
Bromoform	0.25 U	1.0	0.25	1	06/26/25 17:40	
Bromomethane	0.70 U	1.0	0.70	1	06/26/25 17:40	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/26/25 17:40	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/26/25 17:40	
Chlorobenzene	0.20 U	1.0	0.20	1	06/26/25 17:40	
Chloroethane	0.23 U	1.0	0.23	1	06/26/25 17:40	
Chloroform	0.51 U	1.0	0.51	1	06/26/25 17:40	
Chloromethane	0.40 U	1.0	0.40	1	06/26/25 17:40	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/26/25 17:40	
Dichloromethane	0.65 U	1.0	0.65	1	06/26/25 17:40	
Ethylbenzene	0.20 U	1.0	0.20	1	06/26/25 17:40	
Styrene	0.20 U	1.0	0.20	1	06/26/25 17:40	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/26/25 17:40	
Toluene	0.20 U	1.0	0.20	1	06/26/25 17:40	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/26/25 17:40	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/26/25 17:40	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/26/25 17:40	
Xylenes, Total	0.23 U	3.0	0.23	1	06/26/25 17:40	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/26/25 17:40	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/26/25 17:40	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/26/25 17:40	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/26/25 17:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 09:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-043-SG	**Units:**	ug/L
Lab Code:	R2507066-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	111	85 - 122	06/26/25 17:40	
Dibromofluoromethane	103	80 - 116	06/26/25 17:40	
Toluene-d8	104	87 - 121	06/26/25 17:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 09:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-043-SG	**Units:**	ug/L
Lab Code:	R2507066-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 08:55
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-044-JA	**Units:**	ug/L
Lab Code:	R2507066-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/26/25 16:31	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/26/25 16:31	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/26/25 16:31	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/26/25 16:31	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/26/25 16:31	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/26/25 16:31	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/26/25 16:31	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/26/25 16:31	
2-Hexanone	0.20 U	5.0	0.20	1	06/26/25 16:31	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/26/25 16:31	
Acetone	5.0 U	5.0	5.0	1	06/26/25 16:31	
Benzene	0.20 U	1.0	0.20	1	06/26/25 16:31	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/26/25 16:31	
Bromoform	0.25 U	1.0	0.25	1	06/26/25 16:31	
Bromomethane	0.70 U	1.0	0.70	1	06/26/25 16:31	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/26/25 16:31	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/26/25 16:31	
Chlorobenzene	0.20 U	1.0	0.20	1	06/26/25 16:31	
Chloroethane	0.23 U	1.0	0.23	1	06/26/25 16:31	
Chloroform	0.51 U	1.0	0.51	1	06/26/25 16:31	
Chloromethane	0.40 U	1.0	0.40	1	06/26/25 16:31	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/26/25 16:31	
Dichloromethane	0.65 U	1.0	0.65	1	06/26/25 16:31	
Ethylbenzene	0.20 U	1.0	0.20	1	06/26/25 16:31	
Styrene	0.20 U	1.0	0.20	1	06/26/25 16:31	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/26/25 16:31	
Toluene	0.20 U	1.0	0.20	1	06/26/25 16:31	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/26/25 16:31	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/26/25 16:31	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/26/25 16:31	
Xylenes, Total	0.23 U	3.0	0.23	1	06/26/25 16:31	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/26/25 16:31	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/26/25 16:31	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/26/25 16:31	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/26/25 16:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 08:55
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-044-JA	**Units:**	ug/L
Lab Code:	R2507066-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/26/25 16:31	
Dibromofluoromethane	101	80 - 116	06/26/25 16:31	
Toluene-d8	103	87 - 121	06/26/25 16:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 08:55
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-044-JA	**Units:**	ug/L
Lab Code:	R2507066-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	50	U	250	50	250	06/26/25 18:03	
1,1,2,2-Tetrachloroethane	50	U	250	50	250	06/26/25 18:03	
1,1,2-Trichloroethane	50	U	250	50	250	06/26/25 18:03	
1,1-Dichloroethane (1,1-DCA)	50	U	250	50	250	06/26/25 18:03	
1,1-Dichloroethene (1,1-DCE)	50	U	250	50	250	06/26/25 18:03	
1,2-Dichloroethane	50	U	250	50	250	06/26/25 18:03	
1,2-Dichloropropane	50	U	250	50	250	06/26/25 18:03	
2-Butanone (MEK)	200	U	1300	200	250	06/26/25 18:03	
2-Hexanone	50	U	1300	50	250	06/26/25 18:03	
4-Methyl-2-pentanone	50	U	1300	50	250	06/26/25 18:03	
Acetone	1300	U	1300	1300	250	06/26/25 18:03	
Benzene	**6700**		250	50	250	06/26/25 18:03	
Bromodichloromethane	50	U	250	50	250	06/26/25 18:03	
Bromoform	63	U	250	63	250	06/26/25 18:03	
Bromomethane	180	U	250	180	250	06/26/25 18:03	
Carbon Disulfide	110	U	250	110	250	06/26/25 18:03	
Carbon Tetrachloride	85	U	250	85	250	06/26/25 18:03	
Chlorobenzene	**2600**		250	50	250	06/26/25 18:03	
Chloroethane	58	U	250	58	250	06/26/25 18:03	
Chloroform	130	U	250	130	250	06/26/25 18:03	
Chloromethane	100	U	250	100	250	06/26/25 18:03	
Dibromochloromethane	50	U	250	50	250	06/26/25 18:03	
Dichloromethane	170	U	250	170	250	06/26/25 18:03	
Ethylbenzene	50	U	250	50	250	06/26/25 18:03	
Styrene	50	U	250	50	250	06/26/25 18:03	
Tetrachloroethene (PCE)	53	U	250	53	250	06/26/25 18:03	
Toluene	**24000**		250	50	250	06/26/25 18:03	
Trichloroethene (TCE)	50	U	250	50	250	06/26/25 18:03	
Vinyl Acetate	280	U	500	280	250	06/26/25 18:03	
Vinyl Chloride	50	U	250	50	250	06/26/25 18:03	
Xylenes, Total	58	U	750	58	250	06/26/25 18:03	
cis-1,2-Dichloroethene	58	U	250	58	250	06/26/25 18:03	
cis-1,3-Dichloropropene	50	U	250	50	250	06/26/25 18:03	
trans-1,2-Dichloroethene	50	U	250	50	250	06/26/25 18:03	
trans-1,3-Dichloropropene	58	U	250	58	250	06/26/25 18:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	06/26/25 18:03	
Dibromofluoromethane	97	80 - 116	06/26/25 18:03	
Toluene-d8	99	87 - 121	06/26/25 18:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	50	U	250	50	250	06/26/25 18:26	
1,1,2,2-Tetrachloroethane	50	U	250	50	250	06/26/25 18:26	
1,1,2-Trichloroethane	50	U	250	50	250	06/26/25 18:26	
1,1-Dichloroethane (1,1-DCA)	50	U	250	50	250	06/26/25 18:26	
1,1-Dichloroethene (1,1-DCE)	50	U	250	50	250	06/26/25 18:26	
1,2-Dichloroethane	50	U	250	50	250	06/26/25 18:26	
1,2-Dichloropropane	50	U	250	50	250	06/26/25 18:26	
2-Butanone (MEK)	200	U	1300	200	250	06/26/25 18:26	
2-Hexanone	50	U	1300	50	250	06/26/25 18:26	
4-Methyl-2-pentanone	50	U	1300	50	250	06/26/25 18:26	
Acetone	1300	U	1300	1300	250	06/26/25 18:26	
Benzene	**6800**		250	50	250	06/26/25 18:26	
Bromodichloromethane	50	U	250	50	250	06/26/25 18:26	
Bromoform	63	U	250	63	250	06/26/25 18:26	
Bromomethane	180	U	250	180	250	06/26/25 18:26	
Carbon Disulfide	110	U	250	110	250	06/26/25 18:26	
Carbon Tetrachloride	85	U	250	85	250	06/26/25 18:26	
Chlorobenzene	**2500**		250	50	250	06/26/25 18:26	
Chloroethane	58	U	250	58	250	06/26/25 18:26	
Chloroform	130	U	250	130	250	06/26/25 18:26	
Chloromethane	100	U	250	100	250	06/26/25 18:26	
Dibromochloromethane	50	U	250	50	250	06/26/25 18:26	
Dichloromethane	170	U	250	170	250	06/26/25 18:26	
Ethylbenzene	50	U	250	50	250	06/26/25 18:26	
Styrene	50	U	250	50	250	06/26/25 18:26	
Tetrachloroethene (PCE)	53	U	250	53	250	06/26/25 18:26	
Toluene	**24000**		250	50	250	06/26/25 18:26	
Trichloroethene (TCE)	50	U	250	50	250	06/26/25 18:26	
Vinyl Acetate	280	U	500	280	250	06/26/25 18:26	
Vinyl Chloride	50	U	250	50	250	06/26/25 18:26	
Xylenes, Total	58	U	750	58	250	06/26/25 18:26	
cis-1,2-Dichloroethene	58	U	250	58	250	06/26/25 18:26	
cis-1,3-Dichloropropene	50	U	250	50	250	06/26/25 18:26	
trans-1,2-Dichloroethene	50	U	250	50	250	06/26/25 18:26	
trans-1,3-Dichloropropene	58	U	250	58	250	06/26/25 18:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/26/25 18:26	
Dibromofluoromethane	98	80 - 116	06/26/25 18:26	
Toluene-d8	98	87 - 121	06/26/25 18:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 08:20
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/27/25 21:48	6/18/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/27/25 21:48	6/18/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/27/25 21:48	6/18/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/27/25 21:48	6/18/25	
2,4-Dinitrophenol	20 U	49	20	1	06/27/25 21:48	6/18/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/27/25 21:48	6/18/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/27/25 21:48	6/18/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/27/25 21:48	6/18/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/27/25 21:48	6/18/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/27/25 21:48	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/27/25 21:48	6/18/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/27/25 21:48	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/27/25 21:48	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/27/25 21:48	6/18/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/27/25 21:48	6/18/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/27/25 21:48	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/27/25 21:48	6/18/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/27/25 21:48	6/18/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
Anthracene	1.3 U	9.8	1.3	1	06/27/25 21:48	6/18/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/27/25 21:48	6/18/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/27/25 21:48	6/18/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/27/25 21:48	6/18/25	
Benzoic Acid	36 U	49	36	1	06/27/25 21:48	6/18/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/27/25 21:48	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/27/25 21:48	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/27/25 21:48	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/27/25 21:48	6/18/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/27/25 21:48	6/18/25	
Chrysene	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 08:20
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/27/25 21:48	6/18/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/27/25 21:48	6/18/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/27/25 21:48	6/18/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/27/25 21:48	6/18/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/27/25 21:48	6/18/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/27/25 21:48	6/18/25	
Fluorene	1.3 U	9.8	1.3	1	06/27/25 21:48	6/18/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/27/25 21:48	6/18/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/27/25 21:48	6/18/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/27/25 21:48	6/18/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/27/25 21:48	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/27/25 21:48	6/18/25	
Isophorone	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/27/25 21:48	6/18/25	
Naphthalene	1.2 U	9.8	1.2	1	06/27/25 21:48	6/18/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/27/25 21:48	6/18/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/27/25 21:48	6/18/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/27/25 21:48	6/18/25	
Phenol	1.0 U	9.8	1.0	1	06/27/25 21:48	6/18/25	
Pyrene	1.5 U	9.8	1.5	1	06/27/25 21:48	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	127	31 - 133	06/27/25 21:48	
2-Fluorobiphenyl	90	25 - 99	06/27/25 21:48	
2-Fluorophenol	61	15 - 72	06/27/25 21:48	
Nitrobenzene-d5	86	22 - 104	06/27/25 21:48	
Phenol-d6	41	10 - 55	06/27/25 21:48	
p-Terphenyl-d14	111	10 - 143	06/27/25 21:48	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 09:40
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-040-JA	**Units:**	ug/L
Lab Code:	R2507066-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/27/25 23:01	6/18/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/27/25 23:01	6/18/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/27/25 23:01	6/18/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/27/25 23:01	6/18/25	
2,4-Dinitrophenol	20 U	49	20	1	06/27/25 23:01	6/18/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/27/25 23:01	6/18/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/27/25 23:01	6/18/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/27/25 23:01	6/18/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/27/25 23:01	6/18/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/27/25 23:01	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/27/25 23:01	6/18/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/27/25 23:01	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/27/25 23:01	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/27/25 23:01	6/18/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/27/25 23:01	6/18/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/27/25 23:01	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/27/25 23:01	6/18/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/27/25 23:01	6/18/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
Anthracene	1.3 U	9.8	1.3	1	06/27/25 23:01	6/18/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/27/25 23:01	6/18/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/27/25 23:01	6/18/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/27/25 23:01	6/18/25	
Benzoic Acid	36 U	49	36	1	06/27/25 23:01	6/18/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/27/25 23:01	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/27/25 23:01	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/27/25 23:01	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/27/25 23:01	6/18/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/27/25 23:01	6/18/25	
Chrysene	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 09:40
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-040-JA	**Units:**	ug/L
Lab Code:	R2507066-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/27/25 23:01	6/18/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/27/25 23:01	6/18/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/27/25 23:01	6/18/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/27/25 23:01	6/18/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/27/25 23:01	6/18/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/27/25 23:01	6/18/25	
Fluorene	1.3 U	9.8	1.3	1	06/27/25 23:01	6/18/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/27/25 23:01	6/18/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/27/25 23:01	6/18/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/27/25 23:01	6/18/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/27/25 23:01	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/27/25 23:01	6/18/25	
Isophorone	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/27/25 23:01	6/18/25	
Naphthalene	1.2 U	9.8	1.2	1	06/27/25 23:01	6/18/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/27/25 23:01	6/18/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/27/25 23:01	6/18/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/27/25 23:01	6/18/25	
Phenol	1.0 U	9.8	1.0	1	06/27/25 23:01	6/18/25	
Pyrene	1.5 U	9.8	1.5	1	06/27/25 23:01	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	110	31 - 133	06/27/25 23:01	
2-Fluorobiphenyl	73	25 - 99	06/27/25 23:01	
2-Fluorophenol	53	15 - 72	06/27/25 23:01	
Nitrobenzene-d5	72	22 - 104	06/27/25 23:01	
Phenol-d6	40	10 - 55	06/27/25 23:01	
p-Terphenyl-d14	107	10 - 143	06/27/25 23:01	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 12:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-041-JA	**Units:**	ug/L
Lab Code:	R2507066-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/27/25 23:25	6/18/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/27/25 23:25	6/18/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/27/25 23:25	6/18/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/27/25 23:25	6/18/25	
2,4-Dinitrophenol	20 U	49	20	1	06/27/25 23:25	6/18/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/27/25 23:25	6/18/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/27/25 23:25	6/18/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/27/25 23:25	6/18/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/27/25 23:25	6/18/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/27/25 23:25	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/27/25 23:25	6/18/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/27/25 23:25	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/27/25 23:25	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/27/25 23:25	6/18/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/27/25 23:25	6/18/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/27/25 23:25	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/27/25 23:25	6/18/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/27/25 23:25	6/18/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
Anthracene	1.3 U	9.8	1.3	1	06/27/25 23:25	6/18/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/27/25 23:25	6/18/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/27/25 23:25	6/18/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/27/25 23:25	6/18/25	
Benzoic Acid	36 U	49	36	1	06/27/25 23:25	6/18/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/27/25 23:25	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/27/25 23:25	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/27/25 23:25	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/27/25 23:25	6/18/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/27/25 23:25	6/18/25	
Chrysene	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 12:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-041-JA	**Units:**	ug/L
Lab Code:	R2507066-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/27/25 23:25	6/18/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/27/25 23:25	6/18/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/27/25 23:25	6/18/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/27/25 23:25	6/18/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/27/25 23:25	6/18/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/27/25 23:25	6/18/25	
Fluorene	1.3 U	9.8	1.3	1	06/27/25 23:25	6/18/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/27/25 23:25	6/18/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/27/25 23:25	6/18/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/27/25 23:25	6/18/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/27/25 23:25	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/27/25 23:25	6/18/25	
Isophorone	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/27/25 23:25	6/18/25	
Naphthalene	1.2 U	9.8	1.2	1	06/27/25 23:25	6/18/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/27/25 23:25	6/18/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/27/25 23:25	6/18/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/27/25 23:25	6/18/25	
Phenol	1.0 U	9.8	1.0	1	06/27/25 23:25	6/18/25	
Pyrene	1.5 U	9.8	1.5	1	06/27/25 23:25	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	86	31 - 133	06/27/25 23:25	
2-Fluorobiphenyl	71	25 - 99	06/27/25 23:25	
2-Fluorophenol	48	15 - 72	06/27/25 23:25	
Nitrobenzene-d5	70	22 - 104	06/27/25 23:25	
Phenol-d6	31	10 - 55	06/27/25 23:25	
p-Terphenyl-d14	96	10 - 143	06/27/25 23:25	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 13:35
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-042-JA	**Units:**	ug/L
Lab Code:	R2507066-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/27/25 23:50	6/18/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/27/25 23:50	6/18/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/27/25 23:50	6/18/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/27/25 23:50	6/18/25	
2,4-Dinitrophenol	20 U	49	20	1	06/27/25 23:50	6/18/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/27/25 23:50	6/18/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/27/25 23:50	6/18/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/27/25 23:50	6/18/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/27/25 23:50	6/18/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/27/25 23:50	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/27/25 23:50	6/18/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/27/25 23:50	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/27/25 23:50	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/27/25 23:50	6/18/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/27/25 23:50	6/18/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/27/25 23:50	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/27/25 23:50	6/18/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/27/25 23:50	6/18/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
Anthracene	1.3 U	9.8	1.3	1	06/27/25 23:50	6/18/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/27/25 23:50	6/18/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/27/25 23:50	6/18/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/27/25 23:50	6/18/25	
Benzoic Acid	36 U	49	36	1	06/27/25 23:50	6/18/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/27/25 23:50	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/27/25 23:50	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/27/25 23:50	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/27/25 23:50	6/18/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/27/25 23:50	6/18/25	
Chrysene	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 13:35
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-042-JA	**Units:**	ug/L
Lab Code:	R2507066-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/27/25 23:50	6/18/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/27/25 23:50	6/18/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/27/25 23:50	6/18/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/27/25 23:50	6/18/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/27/25 23:50	6/18/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/27/25 23:50	6/18/25	
Fluorene	1.3 U	9.8	1.3	1	06/27/25 23:50	6/18/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/27/25 23:50	6/18/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/27/25 23:50	6/18/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/27/25 23:50	6/18/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/27/25 23:50	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/27/25 23:50	6/18/25	
Isophorone	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/27/25 23:50	6/18/25	
Naphthalene	1.2 U	9.8	1.2	1	06/27/25 23:50	6/18/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/27/25 23:50	6/18/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/27/25 23:50	6/18/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/27/25 23:50	6/18/25	
Phenol	1.0 U	9.8	1.0	1	06/27/25 23:50	6/18/25	
Pyrene	1.5 U	9.8	1.5	1	06/27/25 23:50	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	73	31 - 133	06/27/25 23:50	
2-Fluorobiphenyl	55	25 - 99	06/27/25 23:50	
2-Fluorophenol	37	15 - 72	06/27/25 23:50	
Nitrobenzene-d5	52	22 - 104	06/27/25 23:50	
Phenol-d6	26	10 - 55	06/27/25 23:50	
p-Terphenyl-d14	100	10 - 143	06/27/25 23:50	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 09:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-043-SG	**Units:**	ug/L
Lab Code:	R2507066-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/28/25 00:14	6/18/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/28/25 00:14	6/18/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/28/25 00:14	6/18/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/28/25 00:14	6/18/25	
2,4-Dinitrophenol	20 U	49	20	1	06/28/25 00:14	6/18/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/28/25 00:14	6/18/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/28/25 00:14	6/18/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/28/25 00:14	6/18/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/28/25 00:14	6/18/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/28/25 00:14	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/28/25 00:14	6/18/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/28/25 00:14	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/28/25 00:14	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/28/25 00:14	6/18/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/28/25 00:14	6/18/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/28/25 00:14	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/28/25 00:14	6/18/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/28/25 00:14	6/18/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
Anthracene	1.3 U	9.8	1.3	1	06/28/25 00:14	6/18/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/28/25 00:14	6/18/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/28/25 00:14	6/18/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/28/25 00:14	6/18/25	
Benzoic Acid	36 U	49	36	1	06/28/25 00:14	6/18/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/28/25 00:14	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/28/25 00:14	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/28/25 00:14	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/28/25 00:14	6/18/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/28/25 00:14	6/18/25	
Chrysene	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 09:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-043-SG	**Units:**	ug/L
Lab Code:	R2507066-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/28/25 00:14	6/18/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/28/25 00:14	6/18/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/28/25 00:14	6/18/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/28/25 00:14	6/18/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/28/25 00:14	6/18/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/28/25 00:14	6/18/25	
Fluorene	1.3 U	9.8	1.3	1	06/28/25 00:14	6/18/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/28/25 00:14	6/18/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/28/25 00:14	6/18/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/28/25 00:14	6/18/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/28/25 00:14	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/28/25 00:14	6/18/25	
Isophorone	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/28/25 00:14	6/18/25	
Naphthalene	1.2 U	9.8	1.2	1	06/28/25 00:14	6/18/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/28/25 00:14	6/18/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/28/25 00:14	6/18/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/28/25 00:14	6/18/25	
Phenol	1.0 U	9.8	1.0	1	06/28/25 00:14	6/18/25	
Pyrene	1.5 U	9.8	1.5	1	06/28/25 00:14	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	97	31 - 133	06/28/25 00:14	
2-Fluorobiphenyl	70	25 - 99	06/28/25 00:14	
2-Fluorophenol	47	15 - 72	06/28/25 00:14	
Nitrobenzene-d5	65	22 - 104	06/28/25 00:14	
Phenol-d6	35	10 - 55	06/28/25 00:14	
p-Terphenyl-d14	103	10 - 143	06/28/25 00:14	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 08:55
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-044-JA	**Units:**	ug/L
Lab Code:	R2507066-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	
1,2-Dichlorobenzene	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/28/25 00:38	6/18/25	
1,4-Dichlorobenzene	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/28/25 00:38	6/18/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	06/28/25 00:38	6/18/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/28/25 00:38	6/18/25	
2,4-Dinitrophenol	20 U	49	20	1	06/28/25 00:38	6/18/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/28/25 00:38	6/18/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
2-Chlorophenol	1.1 U	9.8	1.1	1	06/28/25 00:38	6/18/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/28/25 00:38	6/18/25	
2-Methylphenol	1.0 U	9.8	1.0	1	06/28/25 00:38	6/18/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/28/25 00:38	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/28/25 00:38	6/18/25	
3- and 4-Methylphenol Coelution	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/28/25 00:38	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/28/25 00:38	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/28/25 00:38	6/18/25	
4-Chloro-3-methylphenol	1.1 U	9.8	1.1	1	06/28/25 00:38	6/18/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/28/25 00:38	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/28/25 00:38	6/18/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/28/25 00:38	6/18/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
Anthracene	1.3 U	9.8	1.3	1	06/28/25 00:38	6/18/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/28/25 00:38	6/18/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/28/25 00:38	6/18/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/28/25 00:38	6/18/25	
Benzoic Acid	36 U	49	36	1	06/28/25 00:38	6/18/25	
Benzyl Alcohol	1.6 U	9.8	1.6	1	06/28/25 00:38	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/28/25 00:38	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/28/25 00:38	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/28/25 00:38	6/18/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/28/25 00:38	6/18/25	
Chrysene	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 08:55
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-044-JA	**Units:**	ug/L
Lab Code:	R2507066-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/28/25 00:38	6/18/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/28/25 00:38	6/18/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/28/25 00:38	6/18/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/28/25 00:38	6/18/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/28/25 00:38	6/18/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/28/25 00:38	6/18/25	
Fluorene	1.3 U	9.8	1.3	1	06/28/25 00:38	6/18/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/28/25 00:38	6/18/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/28/25 00:38	6/18/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/28/25 00:38	6/18/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/28/25 00:38	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/28/25 00:38	6/18/25	
Isophorone	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/28/25 00:38	6/18/25	
Naphthalene	1.2 U	9.8	1.2	1	06/28/25 00:38	6/18/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/28/25 00:38	6/18/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/28/25 00:38	6/18/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/28/25 00:38	6/18/25	
Phenol	1.0 U	9.8	1.0	1	06/28/25 00:38	6/18/25	
Pyrene	1.5 U	9.8	1.5	1	06/28/25 00:38	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	61	31 - 133	06/28/25 00:38	
2-Fluorobiphenyl	54	25 - 99	06/28/25 00:38	
2-Fluorophenol	37	15 - 72	06/28/25 00:38	
Nitrobenzene-d5	53	22 - 104	06/28/25 00:38	
Phenol-d6	24	10 - 55	06/28/25 00:38	
p-Terphenyl-d14	89	10 - 143	06/28/25 00:38	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**27**	9.8	1.2	1	06/28/25 01:03	6/18/25	
1,2-Dichlorobenzene	**26**	9.8	1.2	1	06/28/25 01:03	6/18/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/28/25 01:03	6/18/25	
1,4-Dichlorobenzene	**74**	9.8	1.2	1	06/28/25 01:03	6/18/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/28/25 01:03	6/18/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
2,4-Dichlorophenol	**4.7 J**	9.8	1.3	1	06/28/25 01:03	6/18/25	
2,4-Dimethylphenol	**4.7 J**	9.8	4.3	1	06/28/25 01:03	6/18/25	
2,4-Dinitrophenol	20 U	49	20	1	06/28/25 01:03	6/18/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/28/25 01:03	6/18/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
2-Chlorophenol	**6.6 J**	9.8	1.1	1	06/28/25 01:03	6/18/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/28/25 01:03	6/18/25	
2-Methylphenol	**22**	9.8	1.0	1	06/28/25 01:03	6/18/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/28/25 01:03	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/28/25 01:03	6/18/25	
3- and 4-Methylphenol Coelution	**84**	9.8	1.2	1	06/28/25 01:03	6/18/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/28/25 01:03	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/28/25 01:03	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/28/25 01:03	6/18/25	
4-Chloro-3-methylphenol	**18**	9.8	1.1	1	06/28/25 01:03	6/18/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/28/25 01:03	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/28/25 01:03	6/18/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/28/25 01:03	6/18/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
Anthracene	1.3 U	9.8	1.3	1	06/28/25 01:03	6/18/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/28/25 01:03	6/18/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/28/25 01:03	6/18/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/28/25 01:03	6/18/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/28/25 01:03	6/18/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/28/25 01:03	6/18/25	
Benzoic Acid	**390**	49	36	1	06/28/25 01:03	6/18/25	
Benzyl Alcohol	**11**	9.8	1.6	1	06/28/25 01:03	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/28/25 01:03	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/28/25 01:03	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/28/25 01:03	6/18/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/28/25 01:03	6/18/25	
Chrysene	1.2 U	9.8	1.2	1	06/28/25 01:03	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/28/25 01:03	6/18/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/28/25 01:03	6/18/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/28/25 01:03	6/18/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/28/25 01:03	6/18/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/28/25 01:03	6/18/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/28/25 01:03	6/18/25	
Fluorene	1.3 U	9.8	1.3	1	06/28/25 01:03	6/18/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/28/25 01:03	6/18/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/28/25 01:03	6/18/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/28/25 01:03	6/18/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/28/25 01:03	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/28/25 01:03	6/18/25	
Isophorone	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/28/25 01:03	6/18/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/28/25 01:03	6/18/25	
Naphthalene	1.2 U	9.8	1.2	1	06/28/25 01:03	6/18/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/28/25 01:03	6/18/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/28/25 01:03	6/18/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/28/25 01:03	6/18/25	
Phenol	**41**	9.8	1.0	1	06/28/25 01:03	6/18/25	
Pyrene	1.5 U	9.8	1.5	1	06/28/25 01:03	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/28/25 01:03	
2-Fluorobiphenyl	30	25 - 99	06/28/25 01:03	
2-Fluorophenol	28	15 - 72	06/28/25 01:03	
Nitrobenzene-d5	47	22 - 104	06/28/25 01:03	
Phenol-d6	21	10 - 55	06/28/25 01:03	
p-Terphenyl-d14	54	10 - 143	06/28/25 01:03	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**14**	9.8	1.2	1	06/28/25 01:27	6/18/25	
1,2-Dichlorobenzene	**13**	9.8	1.2	1	06/28/25 01:27	6/18/25	
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	06/28/25 01:27	6/18/25	
1,4-Dichlorobenzene	**36**	9.8	1.2	1	06/28/25 01:27	6/18/25	
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	06/28/25 01:27	6/18/25	
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
2,4-Dichlorophenol	**2.8 J**	9.8	1.3	1	06/28/25 01:27	6/18/25	
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	06/28/25 01:27	6/18/25	
2,4-Dinitrophenol	20 U	49	20	1	06/28/25 01:27	6/18/25	
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	06/28/25 01:27	6/18/25	
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
2-Chloronaphthalene	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
2-Chlorophenol	**3.6 J**	9.8	1.1	1	06/28/25 01:27	6/18/25	
2-Methylnaphthalene	1.3 U	9.8	1.3	1	06/28/25 01:27	6/18/25	
2-Methylphenol	**11**	9.8	1.0	1	06/28/25 01:27	6/18/25	
2-Nitroaniline	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
2-Nitrophenol	1.5 U	9.8	1.5	1	06/28/25 01:27	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	06/28/25 01:27	6/18/25	
3- and 4-Methylphenol Coelution	**41**	9.8	1.2	1	06/28/25 01:27	6/18/25	
3-Nitroaniline	2.8 U	9.8	2.8	1	06/28/25 01:27	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	06/28/25 01:27	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	06/28/25 01:27	6/18/25	
4-Chloro-3-methylphenol	**8.6 J**	9.8	1.1	1	06/28/25 01:27	6/18/25	
4-Chloroaniline	2.6 U	9.8	2.6	1	06/28/25 01:27	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	06/28/25 01:27	6/18/25	
4-Nitroaniline	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
4-Nitrophenol	6.4 U	49	6.4	1	06/28/25 01:27	6/18/25	
Acenaphthene	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
Acenaphthylene	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
Anthracene	1.3 U	9.8	1.3	1	06/28/25 01:27	6/18/25	
Benz(a)anthracene	1.6 U	9.8	1.6	1	06/28/25 01:27	6/18/25	
Benzo(a)pyrene	1.2 U	9.8	1.2	1	06/28/25 01:27	6/18/25	
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	06/28/25 01:27	6/18/25	
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	06/28/25 01:27	6/18/25	
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	06/28/25 01:27	6/18/25	
Benzoic Acid	**230**	49	36	1	06/28/25 01:27	6/18/25	
Benzyl Alcohol	**6.5 J**	9.8	1.6	1	06/28/25 01:27	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	06/28/25 01:27	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	06/28/25 01:27	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	06/28/25 01:27	6/18/25	
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	06/28/25 01:27	6/18/25	
Chrysene	1.2 U	9.8	1.2	1	06/28/25 01:27	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	06/28/25 01:27	6/18/25	
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	06/28/25 01:27	6/18/25	
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	06/28/25 01:27	6/18/25	
Dibenzofuran	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
Diethyl Phthalate	1.1 U	9.8	1.1	1	06/28/25 01:27	6/18/25	
Dimethyl Phthalate	1.3 U	9.8	1.3	1	06/28/25 01:27	6/18/25	
Fluoranthene	1.5 U	9.8	1.5	1	06/28/25 01:27	6/18/25	
Fluorene	1.3 U	9.8	1.3	1	06/28/25 01:27	6/18/25	
Hexachlorobenzene	1.6 U	9.8	1.6	1	06/28/25 01:27	6/18/25	
Hexachlorobutadiene	2.2 U	9.8	2.2	1	06/28/25 01:27	6/18/25	
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	06/28/25 01:27	6/18/25	
Hexachloroethane	1.1 U	9.8	1.1	1	06/28/25 01:27	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	06/28/25 01:27	6/18/25	
Isophorone	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	06/28/25 01:27	6/18/25	
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	06/28/25 01:27	6/18/25	
Naphthalene	1.2 U	9.8	1.2	1	06/28/25 01:27	6/18/25	
Nitrobenzene	1.5 U	9.8	1.5	1	06/28/25 01:27	6/18/25	
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	06/28/25 01:27	6/18/25	
Phenanthrene	1.4 U	9.8	1.4	1	06/28/25 01:27	6/18/25	
Phenol	**21**	9.8	1.0	1	06/28/25 01:27	6/18/25	
Pyrene	1.5 U	9.8	1.5	1	06/28/25 01:27	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	40	31 - 133	06/28/25 01:27	
2-Fluorobiphenyl	21 *	25 - 99	06/28/25 01:27	*
2-Fluorophenol	15	15 - 72	06/28/25 01:27	
Nitrobenzene-d5	24	22 - 104	06/28/25 01:27	
Phenol-d6	11	10 - 55	06/28/25 01:27	
p-Terphenyl-d14	30	10 - 143	06/28/25 01:27	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**29**	9.8	1.2	1	07/08/25 11:34	7/1/25	*
1,2-Dichlorobenzene	**21**	9.8	1.2	1	07/08/25 11:34	7/1/25	*
1,3-Dichlorobenzene	1.1 U	9.8	1.1	1	07/08/25 11:34	7/1/25	*
1,4-Dichlorobenzene	**60**	9.8	1.2	1	07/08/25 11:34	7/1/25	*
2,4,5-Trichlorophenol	1.1 U	9.8	1.1	1	07/08/25 11:34	7/1/25	*
2,4,6-Trichlorophenol	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
2,4-Dichlorophenol	1.3 U	9.8	1.3	1	07/08/25 11:34	7/1/25	*
2,4-Dimethylphenol	4.3 U	9.8	4.3	1	07/08/25 11:34	7/1/25	*
2,4-Dinitrophenol	20 U	49	20	1	07/08/25 11:34	7/1/25	*
2,4-Dinitrotoluene	2.4 U	9.8	2.4	1	07/08/25 11:34	7/1/25	*
2,6-Dinitrotoluene	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
2-Chloronaphthalene	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
2-Chlorophenol	**6.0 J**	9.8	1.1	1	07/08/25 11:34	7/1/25	*
2-Methylnaphthalene	1.3 U	9.8	1.3	1	07/08/25 11:34	7/1/25	*
2-Methylphenol	**21**	9.8	1.0	1	07/08/25 11:34	7/1/25	*
2-Nitroaniline	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
2-Nitrophenol	1.5 U	9.8	1.5	1	07/08/25 11:34	7/1/25	*
3,3'-Dichlorobenzidine	2.7 U	9.8	2.7	1	07/08/25 11:34	7/1/25	*
3- and 4-Methylphenol Coelution	**77**	9.8	1.2	1	07/08/25 11:34	7/1/25	*
3-Nitroaniline	2.8 U	9.8	2.8	1	07/08/25 11:34	7/1/25	*
4,6-Dinitro-2-methylphenol	8.7 U	49	8.7	1	07/08/25 11:34	7/1/25	*
4-Bromophenyl Phenyl Ether	1.7 U	9.8	1.7	1	07/08/25 11:34	7/1/25	*
4-Chloro-3-methylphenol	**20**	9.8	1.1	1	07/08/25 11:34	7/1/25	*
4-Chloroaniline	2.6 U	9.8	2.6	1	07/08/25 11:34	7/1/25	*
4-Chlorophenyl Phenyl Ether	1.5 U	9.8	1.5	1	07/08/25 11:34	7/1/25	*
4-Nitroaniline	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
4-Nitrophenol	6.4 U	49	6.4	1	07/08/25 11:34	7/1/25	*
Acenaphthene	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
Acenaphthylene	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
Anthracene	1.3 U	9.8	1.3	1	07/08/25 11:34	7/1/25	*
Benz(a)anthracene	1.6 U	9.8	1.6	1	07/08/25 11:34	7/1/25	*
Benzo(a)pyrene	1.2 U	9.8	1.2	1	07/08/25 11:34	7/1/25	*
Benzo(b)fluoranthene	1.2 U	9.8	1.2	1	07/08/25 11:34	7/1/25	*
Benzo(g,h,i)perylene	2.1 U	9.8	2.1	1	07/08/25 11:34	7/1/25	*
Benzo(k)fluoranthene	1.3 U	9.8	1.3	1	07/08/25 11:34	7/1/25	*
Benzoic Acid	**440 E**	49	36	1	07/08/25 11:34	7/1/25	*
Benzyl Alcohol	1.6 U	9.8	1.6	1	07/08/25 11:34	7/1/25	*
2,2'-Oxybis(1-chloropropane)	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
Bis(2-chloroethoxy)methane	1.9 U	9.8	1.9	1	07/08/25 11:34	7/1/25	*
Bis(2-chloroethyl) Ether	1.3 U	9.8	1.3	1	07/08/25 11:34	7/1/25	*
Bis(2-ethylhexyl) Phthalate	4.3 U	9.8	4.3	1	07/08/25 11:34	7/1/25	*
Butyl Benzyl Phthalate	2.9 U	9.8	2.9	1	07/08/25 11:34	7/1/25	*
Chrysene	1.2 U	9.8	1.2	1	07/08/25 11:34	7/1/25	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	9.8	1.7	1	07/08/25 11:34	7/1/25	*
Di-n-octyl Phthalate	3.3 U	9.8	3.3	1	07/08/25 11:34	7/1/25	*
Dibenz(a,h)anthracene	1.1 U	9.8	1.1	1	07/08/25 11:34	7/1/25	*
Dibenzofuran	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
Diethyl Phthalate	1.1 U	9.8	1.1	1	07/08/25 11:34	7/1/25	*
Dimethyl Phthalate	1.3 U	9.8	1.3	1	07/08/25 11:34	7/1/25	*
Fluoranthene	1.5 U	9.8	1.5	1	07/08/25 11:34	7/1/25	*
Fluorene	1.3 U	9.8	1.3	1	07/08/25 11:34	7/1/25	*
Hexachlorobenzene	1.6 U	9.8	1.6	1	07/08/25 11:34	7/1/25	*
Hexachlorobutadiene	2.2 U	9.8	2.2	1	07/08/25 11:34	7/1/25	*
Hexachlorocyclopentadiene	2.2 U	9.8	2.2	1	07/08/25 11:34	7/1/25	*
Hexachloroethane	1.1 U	9.8	1.1	1	07/08/25 11:34	7/1/25	*
Indeno(1,2,3-cd)pyrene	1.8 U	9.8	1.8	1	07/08/25 11:34	7/1/25	*
Isophorone	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
N-Nitrosodi-n-propylamine	1.2 U	9.8	1.2	1	07/08/25 11:34	7/1/25	*
N-Nitrosodiphenylamine	6.3 U	9.8	6.3	1	07/08/25 11:34	7/1/25	*
Naphthalene	1.2 U	9.8	1.2	1	07/08/25 11:34	7/1/25	*
Nitrobenzene	1.5 U	9.8	1.5	1	07/08/25 11:34	7/1/25	*
Pentachlorophenol (PCP)	9.7 U	49	9.7	1	07/08/25 11:34	7/1/25	*
Phenanthrene	1.4 U	9.8	1.4	1	07/08/25 11:34	7/1/25	*
Phenol	**36**	9.8	1.0	1	07/08/25 11:34	7/1/25	*
Pyrene	1.5 U	9.8	1.5	1	07/08/25 11:34	7/1/25	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	78	31 - 133	07/08/25 11:34	
2-Fluorobiphenyl	42	25 - 99	07/08/25 11:34	
2-Fluorophenol	26	15 - 72	07/08/25 11:34	
Nitrobenzene-d5	49	22 - 104	07/08/25 11:34	
Phenol-d6	19	10 - 55	07/08/25 11:34	
p-Terphenyl-d14	49	10 - 143	07/08/25 11:34	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**26 D**	20	2.4	2	07/08/25 15:10	7/1/25	*
1,2-Dichlorobenzene	**22 D**	20	2.4	2	07/08/25 15:10	7/1/25	*
1,3-Dichlorobenzene	2.2 U	20	2.2	2	07/08/25 15:10	7/1/25	*
1,4-Dichlorobenzene	**62 D**	20	2.4	2	07/08/25 15:10	7/1/25	*
2,4,5-Trichlorophenol	2.2 U	20	2.2	2	07/08/25 15:10	7/1/25	*
2,4,6-Trichlorophenol	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
2,4-Dichlorophenol	2.6 U	20	2.6	2	07/08/25 15:10	7/1/25	*
2,4-Dimethylphenol	8.6 U	20	8.6	2	07/08/25 15:10	7/1/25	*
2,4-Dinitrophenol	40 U	98	40	2	07/08/25 15:10	7/1/25	*
2,4-Dinitrotoluene	4.8 U	20	4.8	2	07/08/25 15:10	7/1/25	*
2,6-Dinitrotoluene	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
2-Chloronaphthalene	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
2-Chlorophenol	**5.8 DJ**	20	2.2	2	07/08/25 15:10	7/1/25	*
2-Methylnaphthalene	2.6 U	20	2.6	2	07/08/25 15:10	7/1/25	*
2-Methylphenol	**20 D**	20	2.0	2	07/08/25 15:10	7/1/25	*
2-Nitroaniline	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
2-Nitrophenol	3.0 U	20	3.0	2	07/08/25 15:10	7/1/25	*
3,3'-Dichlorobenzidine	5.4 U	20	5.4	2	07/08/25 15:10	7/1/25	*
3- and 4-Methylphenol Coelution	**75 D**	20	2.4	2	07/08/25 15:10	7/1/25	*
3-Nitroaniline	5.6 U	20	5.6	2	07/08/25 15:10	7/1/25	*
4,6-Dinitro-2-methylphenol	18 U	98	18	2	07/08/25 15:10	7/1/25	*
4-Bromophenyl Phenyl Ether	3.4 U	20	3.4	2	07/08/25 15:10	7/1/25	*
4-Chloro-3-methylphenol	**18 DJ**	20	2.2	2	07/08/25 15:10	7/1/25	*
4-Chloroaniline	5.2 U	20	5.2	2	07/08/25 15:10	7/1/25	*
4-Chlorophenyl Phenyl Ether	3.0 U	20	3.0	2	07/08/25 15:10	7/1/25	*
4-Nitroaniline	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
4-Nitrophenol	13 U	98	13	2	07/08/25 15:10	7/1/25	*
Acenaphthene	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
Acenaphthylene	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
Anthracene	2.6 U	20	2.6	2	07/08/25 15:10	7/1/25	*
Benz(a)anthracene	3.2 U	20	3.2	2	07/08/25 15:10	7/1/25	*
Benzo(a)pyrene	2.4 U	20	2.4	2	07/08/25 15:10	7/1/25	*
Benzo(b)fluoranthene	2.4 U	20	2.4	2	07/08/25 15:10	7/1/25	*
Benzo(g,h,i)perylene	4.2 U	20	4.2	2	07/08/25 15:10	7/1/25	*
Benzo(k)fluoranthene	2.6 U	20	2.6	2	07/08/25 15:10	7/1/25	*
Benzoic Acid	**450 D**	98	72	2	07/08/25 15:10	7/1/25	*
Benzyl Alcohol	3.2 U	20	3.2	2	07/08/25 15:10	7/1/25	*
2,2'-Oxybis(1-chloropropane)	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
Bis(2-chloroethoxy)methane	3.8 U	20	3.8	2	07/08/25 15:10	7/1/25	*
Bis(2-chloroethyl) Ether	2.6 U	20	2.6	2	07/08/25 15:10	7/1/25	*
Bis(2-ethylhexyl) Phthalate	8.6 U	20	8.6	2	07/08/25 15:10	7/1/25	*
Butyl Benzyl Phthalate	5.8 U	20	5.8	2	07/08/25 15:10	7/1/25	*
Chrysene	2.4 U	20	2.4	2	07/08/25 15:10	7/1/25	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	3.4 U	20	3.4	2	07/08/25 15:10	7/1/25	*
Di-n-octyl Phthalate	6.6 U	20	6.6	2	07/08/25 15:10	7/1/25	*
Dibenz(a,h)anthracene	2.2 U	20	2.2	2	07/08/25 15:10	7/1/25	*
Dibenzofuran	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
Diethyl Phthalate	2.2 U	20	2.2	2	07/08/25 15:10	7/1/25	*
Dimethyl Phthalate	2.6 U	20	2.6	2	07/08/25 15:10	7/1/25	*
Fluoranthene	3.0 U	20	3.0	2	07/08/25 15:10	7/1/25	*
Fluorene	2.6 U	20	2.6	2	07/08/25 15:10	7/1/25	*
Hexachlorobenzene	3.2 U	20	3.2	2	07/08/25 15:10	7/1/25	*
Hexachlorobutadiene	4.4 U	20	4.4	2	07/08/25 15:10	7/1/25	*
Hexachlorocyclopentadiene	4.4 U	20	4.4	2	07/08/25 15:10	7/1/25	*
Hexachloroethane	2.2 U	20	2.2	2	07/08/25 15:10	7/1/25	*
Indeno(1,2,3-cd)pyrene	3.6 U	20	3.6	2	07/08/25 15:10	7/1/25	*
Isophorone	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
N-Nitrosodi-n-propylamine	2.4 U	20	2.4	2	07/08/25 15:10	7/1/25	*
N-Nitrosodiphenylamine	13 U	20	13	2	07/08/25 15:10	7/1/25	*
Naphthalene	2.4 U	20	2.4	2	07/08/25 15:10	7/1/25	*
Nitrobenzene	3.0 U	20	3.0	2	07/08/25 15:10	7/1/25	*
Pentachlorophenol (PCP)	20 U	98	20	2	07/08/25 15:10	7/1/25	*
Phenanthrene	2.8 U	20	2.8	2	07/08/25 15:10	7/1/25	*
Phenol	**38 D**	20	2.0	2	07/08/25 15:10	7/1/25	*
Pyrene	3.0 U	20	3.0	2	07/08/25 15:10	7/1/25	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	07/08/25 15:10	
2-Fluorobiphenyl	44	25 - 99	07/08/25 15:10	
2-Fluorophenol	25	15 - 72	07/08/25 15:10	
Nitrobenzene-d5	42	22 - 104	07/08/25 15:10	
Phenol-d6	20	10 - 55	07/08/25 15:10	
p-Terphenyl-d14	48	10 - 143	07/08/25 15:10	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 08:20
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Aldrin	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Dieldrin	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Endrin	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Heptachlor	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
Toxaphene	0.50 U	0.50	0.50	1	06/20/25 18:06	6/19/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
beta-BHC	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
delta-BHC	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/20/25 18:06	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	37	10 - 111	06/20/25 18:06	
Tetrachloro-m-xylene	61	10 - 101	06/20/25 18:06	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 09:40
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-040-JA	**Units:**	ug/L
Lab Code:	R2507066-002	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Aldrin	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Dieldrin	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Endrin	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Heptachlor	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
Toxaphene	0.50 U	0.50	0.50	1	06/20/25 18:59	6/19/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
beta-BHC	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
delta-BHC	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/20/25 18:59	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	33	10 - 111	06/20/25 18:59	
Tetrachloro-m-xylene	60	10 - 101	06/20/25 18:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 12:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-041-JA	**Units:**	ug/L
Lab Code:	R2507066-003	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Aldrin	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Dieldrin	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Endrin	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Heptachlor	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
Toxaphene	0.50 U	0.50	0.50	1	06/20/25 02:16	6/19/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
beta-BHC	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
delta-BHC	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/20/25 02:16	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	25	10 - 111	06/20/25 02:16	
Tetrachloro-m-xylene	49	10 - 101	06/20/25 02:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 13:35
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-042-JA	**Units:**	ug/L
Lab Code:	R2507066-004	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Aldrin	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Dieldrin	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Endrin	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Heptachlor	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
Toxaphene	0.50 U	0.50	0.50	1	06/20/25 02:33	6/19/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
beta-BHC	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
delta-BHC	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/20/25 02:33	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	19	10 - 111	06/20/25 02:33	
Tetrachloro-m-xylene	57	10 - 101	06/20/25 02:33	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 09:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-043-SG	**Units:**	ug/L
Lab Code:	R2507066-006	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Aldrin	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Dieldrin	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Endrin	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Heptachlor	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
Toxaphene	0.50 U	0.50	0.50	1	06/20/25 19:17	6/19/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
beta-BHC	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
delta-BHC	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/20/25 19:17	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	27	10 - 111	06/20/25 19:17	
Tetrachloro-m-xylene	54	10 - 101	06/20/25 19:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 08:55
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-044-JA	**Units:**	ug/L
Lab Code:	R2507066-007	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
4,4'-DDE	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
4,4'-DDT	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Aldrin	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Dieldrin	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Endosulfan I	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Endosulfan II	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Endosulfan Sulfate	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Endrin	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Endrin Ketone	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Heptachlor	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Heptachlor Epoxide	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Methoxychlor	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
Toxaphene	0.50 U	0.50	0.50	1	06/20/25 03:26	6/19/25	
alpha-BHC	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
alpha-Chlordane	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
beta-BHC	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
delta-BHC	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
gamma-BHC (Lindane)	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	
gamma-Chlordane	0.020 U	0.049	0.020	1	06/20/25 03:26	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	26	10 - 111	06/20/25 03:26	
Tetrachloro-m-xylene	55	10 - 101	06/20/25 03:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
4,4'-DDE	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
4,4'-DDT	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Aldrin	**0.28**		0.049	0.020	1	06/20/25 03:44	6/19/25	
Dieldrin	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Endosulfan I	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Endosulfan II	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Endosulfan Sulfate	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Endrin	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Endrin Ketone	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Heptachlor	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Heptachlor Epoxide	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Methoxychlor	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
Toxaphene	0.50	U	0.50	0.50	1	06/20/25 03:44	6/19/25	
alpha-BHC	**5.2**	**E**	0.049	0.020	1	06/20/25 03:44	6/19/25	
alpha-Chlordane	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
beta-BHC	**0.96**		0.049	0.020	1	06/20/25 03:44	6/19/25	
delta-BHC	**4.0**	**E**	0.049	0.020	1	06/20/25 03:44	6/19/25	
gamma-BHC (Lindane)	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	
gamma-Chlordane	0.020	U	0.049	0.020	1	06/20/25 03:44	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	8 *	10 - 111	06/20/25 03:44	*
Tetrachloro-m-xylene	74	10 - 101	06/20/25 03:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
4,4'-DDE	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
4,4'-DDT	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Aldrin	**0.20**		0.049	0.020	1	06/24/25 23:08	6/20/25	
Dieldrin	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Endosulfan I	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Endosulfan II	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Endosulfan Sulfate	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Endrin	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Endrin Ketone	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Heptachlor	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Heptachlor Epoxide	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Methoxychlor	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
Toxaphene	0.50	U	0.50	0.50	1	06/24/25 23:08	6/20/25	
alpha-BHC	**4.7**	**E**	0.049	0.020	1	06/24/25 23:08	6/20/25	
alpha-Chlordane	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
beta-BHC	**0.77**		0.049	0.020	1	06/24/25 23:08	6/20/25	
delta-BHC	**3.9**		0.049	0.020	1	06/24/25 23:08	6/20/25	
gamma-BHC (Lindane)	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	
gamma-Chlordane	0.020	U	0.049	0.020	1	06/24/25 23:08	6/20/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	8 *	10 - 111	06/24/25 23:08	*
Tetrachloro-m-xylene	62	10 - 101	06/24/25 23:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
4,4'-DDE	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
4,4'-DDT	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Aldrin	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Dieldrin	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Endosulfan I	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Endosulfan II	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Endosulfan Sulfate	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Endrin	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Endrin Ketone	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Heptachlor	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Heptachlor Epoxide	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Methoxychlor	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
Toxaphene	1.0	U	1.0	1.0	2	06/20/25 19:35	6/19/25	
alpha-BHC	**5.0**	**D**	0.098	0.040	2	06/20/25 19:35	6/19/25	
alpha-Chlordane	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	
beta-BHC	**0.92**	**D**	0.098	0.040	2	06/20/25 19:35	6/19/25	
delta-BHC	**3.7**	**D**	0.098	0.040	2	06/20/25 19:35	6/19/25	
gamma-BHC (Lindane)	**0.26**	**D**	0.098	0.040	2	06/20/25 19:35	6/19/25	
gamma-Chlordane	0.040	U	0.098	0.040	2	06/20/25 19:35	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	8 *	10 - 111	06/20/25 19:35	*
Tetrachloro-m-xylene	61	10 - 101	06/20/25 19:35	

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
4,4'-DDE	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
4,4'-DDT	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Aldrin	**0.13 D**	0.098	0.040	2	06/26/25 15:32	6/20/25	
Dieldrin	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Endosulfan I	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Endosulfan II	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Endosulfan Sulfate	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Endrin	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Endrin Ketone	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Heptachlor	**0.27 D**	0.098	0.040	2	06/26/25 15:32	6/20/25	
Heptachlor Epoxide	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Methoxychlor	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
Toxaphene	1.0 U	1.0	1.0	2	06/26/25 15:32	6/20/25	
alpha-BHC	**3.7 D**	0.098	0.040	2	06/26/25 15:32	6/20/25	
alpha-Chlordane	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	
beta-BHC	**0.80 DP**	0.098	0.040	2	06/26/25 15:32	6/20/25	
delta-BHC	**3.9 D**	0.098	0.040	2	06/26/25 15:32	6/20/25	
gamma-BHC (Lindane)	**0.21 D**	0.098	0.040	2	06/26/25 15:32	6/20/25	
gamma-Chlordane	0.040 U	0.098	0.040	2	06/26/25 15:32	6/20/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	9 *	10 - 111	06/26/25 15:32	*
Tetrachloro-m-xylene	73	10 - 101	06/26/25 15:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
4,4'-DDE	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
4,4'-DDT	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Aldrin	**0.15**		0.049	0.020	1	06/20/25 04:02	6/19/25	
Dieldrin	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Endosulfan I	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Endosulfan II	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Endosulfan Sulfate	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Endrin	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Endrin Ketone	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Heptachlor	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Heptachlor Epoxide	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Methoxychlor	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
Toxaphene	0.50	U	0.50	0.50	1	06/20/25 04:02	6/19/25	
alpha-BHC	**4.5**	**E**	0.049	0.020	1	06/20/25 04:02	6/19/25	
alpha-Chlordane	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
beta-BHC	**0.92**		0.049	0.020	1	06/20/25 04:02	6/19/25	
delta-BHC	**4.0**	**E**	0.049	0.020	1	06/20/25 04:02	6/19/25	
gamma-BHC (Lindane)	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	
gamma-Chlordane	0.020	U	0.049	0.020	1	06/20/25 04:02	6/19/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	10	10 - 111	06/20/25 04:02	
Tetrachloro-m-xylene	87	10 - 101	06/20/25 04:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
4,4'-DDE	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
4,4'-DDT	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Aldrin	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Dieldrin	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Endosulfan I	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Endosulfan II	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Endosulfan Sulfate	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Endrin	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Endrin Ketone	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Heptachlor	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Heptachlor Epoxide	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Methoxychlor	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
Toxaphene	1.0	U	1.0	1.0	2	06/20/25 19:52	6/19/25	
alpha-BHC	**4.3**	**D**	0.098	0.040	2	06/20/25 19:52	6/19/25	
alpha-Chlordane	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
beta-BHC	**0.76**	**D**	0.098	0.040	2	06/20/25 19:52	6/19/25	
delta-BHC	**3.9**	**D**	0.098	0.040	2	06/20/25 19:52	6/19/25	
gamma-BHC (Lindane)	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	
gamma-Chlordane	0.040	U	0.098	0.040	2	06/20/25 19:52	6/19/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	13	10 - 111	06/20/25 19:52	
Tetrachloro-m-xylene	70	10 - 101	06/20/25 19:52	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 08:20
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/20/25 16:50	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 16:50	6/19/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/20/25 16:50	6/19/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/20/25 16:50	6/19/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/20/25 16:50	6/19/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/20/25 16:50	6/19/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/20/25 16:50	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 118	06/20/25 16:50	
Tetrachloro-m-xylene	57	10 - 103	06/20/25 16:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 09:40
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-040-JA	**Units:**	ug/L
Lab Code:	R2507066-002	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/20/25 17:31	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 17:31	6/19/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/20/25 17:31	6/19/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/20/25 17:31	6/19/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/20/25 17:31	6/19/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/20/25 17:31	6/19/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/20/25 17:31	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 118	06/20/25 17:31	
Tetrachloro-m-xylene	59	10 - 103	06/20/25 17:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 12:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-041-JA	**Units:**	ug/L
Lab Code:	R2507066-003	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/20/25 00:34	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 00:34	6/19/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/20/25 00:34	6/19/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/20/25 00:34	6/19/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/20/25 00:34	6/19/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/20/25 00:34	6/19/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/20/25 00:34	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	29	10 - 118	06/20/25 00:34	
Tetrachloro-m-xylene	45	10 - 103	06/20/25 00:34	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25 13:35
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061325-042-JA	**Units:**	ug/L
Lab Code:	R2507066-004	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/20/25 00:47	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 00:47	6/19/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/20/25 00:47	6/19/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/20/25 00:47	6/19/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/20/25 00:47	6/19/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/20/25 00:47	6/19/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/20/25 00:47	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	22	10 - 118	06/20/25 00:47	
Tetrachloro-m-xylene	51	10 - 103	06/20/25 00:47	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 09:25
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-043-SG	**Units:**	ug/L
Lab Code:	R2507066-006	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/20/25 17:44	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 17:44	6/19/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/20/25 17:44	6/19/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/20/25 17:44	6/19/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/20/25 17:44	6/19/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/20/25 17:44	6/19/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/20/25 17:44	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	33	10 - 118	06/20/25 17:44	
Tetrachloro-m-xylene	44	10 - 103	06/20/25 17:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 08:55
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-044-JA	**Units:**	ug/L
Lab Code:	R2507066-007	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/20/25 01:28	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 01:28	6/19/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/20/25 01:28	6/19/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/20/25 01:28	6/19/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/20/25 01:28	6/19/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/20/25 01:28	6/19/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/20/25 01:28	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	31	10 - 118	06/20/25 01:28	
Tetrachloro-m-xylene	48	10 - 103	06/20/25 01:28	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-045-JA	**Units:**	ug/L
Lab Code:	R2507066-008	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/20/25 01:41	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 01:41	6/19/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/20/25 01:41	6/19/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/20/25 01:41	6/19/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/20/25 01:41	6/19/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/20/25 01:41	6/19/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/20/25 01:41	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	15	10 - 118	06/20/25 01:41	
Tetrachloro-m-xylene	71	10 - 103	06/20/25 01:41	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/16/25 10:00
Sample Matrix:	Water	**Date Received:**	06/17/25 12:30
Sample Name:	WG-TR1045-061625-046-JA	**Units:**	ug/L
Lab Code:	R2507066-009	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	0.98	0.50	1	06/20/25 01:54	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 01:54	6/19/25	
Aroclor 1232	0.50 U	0.98	0.50	1	06/20/25 01:54	6/19/25	
Aroclor 1242	0.50 U	0.98	0.50	1	06/20/25 01:54	6/19/25	
Aroclor 1248	0.50 U	0.98	0.50	1	06/20/25 01:54	6/19/25	
Aroclor 1254	0.50 U	0.98	0.50	1	06/20/25 01:54	6/19/25	
Aroclor 1260	0.50 U	0.98	0.50	1	06/20/25 01:54	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	12	10 - 118	06/20/25 01:54	
Tetrachloro-m-xylene	85	10 - 103	06/20/25 01:54	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2507066

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
WG-TR1045-061325-039-JA	R2507066-001	96	98	100
WG-TR1045-061325-040-JA	R2507066-002	98	101	100
WG-TR1045-061325-041-JA	R2507066-003	105	99	102
WG-TR1045-061325-042-JA	R2507066-004	104	99	102
LCANNUALTRIP-061325	R2507066-005	105	101	103
WG-TR1045-061625-043-SG	R2507066-006	111	103	104
WG-TR1045-061625-044-JA	R2507066-007	103	101	103
WG-TR1045-061625-045-JA	R2507066-008	98	97	99
WG-TR1045-061625-046-JA	R2507066-009	97	98	98
Lab Control Sample	RQ2507951-02	102	107	105
Method Blank	RQ2507951-03	105	100	100
WG-TR1045-061325-039-JA MS	RQ2507951-04	103	105	104
WG-TR1045-061325-039-JA DMS	RQ2507951-05	97	105	102

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25
		Date Analyzed:	06/26/25
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA
Analysis Method:	8260D		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507951-04			RQ2507951-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	0.20 U	42.3	50.0	85	44.8	50.0	90	74-127	6	30
1,1,2,2-Tetrachloroethane	0.20 U	44.4	50.0	89	46.4	50.0	93	72-122	4	30
1,1,2-Trichloroethane	0.20 U	47.8	50.0	96	47.1	50.0	94	82-121	1	30
1,1-Dichloroethane (1,1-DCA)	0.20 U	44.5	50.0	89	46.1	50.0	92	74-132	3	30
1,1-Dichloroethene (1,1-DCE)	0.20 U	40.0	50.0	80	42.3	50.0	85	71-118	6	30
1,2-Dichloroethane	0.20 U	44.1	50.0	88	44.9	50.0	90	68-130	2	30
1,2-Dichloropropane	0.20 U	43.6	50.0	87	44.2	50.0	88	79-124	1	30
2-Butanone (MEK)	0.78 U	50.8	50.0	102	53.7	50.0	107	61-137	6	30
2-Hexanone	0.20 U	51.0	50.0	102	56.4	50.0	113	56-132	10	30
4-Methyl-2-pentanone	0.20 U	52.0	50.0	104	54.7	50.0	109	60-141	5	30
Acetone	5.0 U	42.4	50.0	85	48.9	50.0	98	35-183	14	30
Benzene	0.20 U	43.5	50.0	87	44.2	50.0	88	76-129	2	30
Bromodichloromethane	0.20 U	46.1	50.0	92	47.5	50.0	95	78-133	3	30
Bromoform	0.25 U	50.5	50.0	101	51.2	50.0	102	58-133	1	30
Bromomethane	0.70 U	25.8	50.0	52	20.3	50.0	41	10-184	24	30
Carbon Disulfide	0.42 U	43.9	50.0	88	48.9	50.0	98	59-140	11	30
Carbon Tetrachloride	0.34 U	38.3	50.0	77	41.7	50.0	83	65-135	9	30
Chlorobenzene	0.20 U	44.5	50.0	89	44.4	50.0	89	76-125	<1	30
Chloroethane	0.23 U	46.6	50.0	93	45.2	50.0	90	48-146	3	30
Chloroform	0.51 U	44.5	50.0	89	44.8	50.0	90	75-130	<1	30
Chloromethane	0.40 U	37.7	50.0	75	38.1	50.0	76	55-160	<1	30
Dibromochloromethane	0.20 U	49.5	50.0	99	50.9	50.0	102	72-128	3	30
Dichloromethane	0.65 U	46.1	50.0	92	46.4	50.0	93	73-122	<1	30
Ethylbenzene	0.20 U	45.5	50.0	91	46.3	50.0	93	72-134	2	30
Styrene	0.20 U	48.5	50.0	97	48.7	50.0	97	74-136	<1	30
Tetrachloroethene (PCE)	0.21 U	42.5	50.0	85	43.1	50.0	86	72-125	1	30
Toluene	0.20 U	46.0	50.0	92	46.0	50.0	92	79-119	<1	30
Trichloroethene (TCE)	0.20 U	45.2	50.0	90	44.8	50.0	90	74-122	<1	30
Vinyl Acetate	1.1 U	52.0	50.0	104	53.6	50.0	107	48-172	3	30
Vinyl Chloride	0.20 U	41.8	50.0	84	45.3	50.0	91	74-159	8	30
Xylenes, Total	0.23 U	138	150	92	138	150	92	78-121	<1	30
cis-1,2-Dichloroethene	0.23 U	45.4	50.0	91	44.9	50.0	90	77-127	1	30
cis-1,3-Dichloropropene	0.20 U	48.4	50.0	97	49.5	50.0	99	52-134	2	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25
		Date Analyzed:	06/26/25
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA
Analysis Method:	8260D		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507951-04			RQ2507951-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
trans-1,2-Dichloroethene	0.20 U	45.2	50.0	90	45.9	50.0	92	73-118	2	30
trans-1,3-Dichloropropene	0.23 U	50.1	50.0	100	52.0	50.0	104	71-133	4	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507951-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.20 U	1.0	0.20	1	06/26/25 12:17	
1,1,2,2-Tetrachloroethane	0.20 U	1.0	0.20	1	06/26/25 12:17	
1,1,2-Trichloroethane	0.20 U	1.0	0.20	1	06/26/25 12:17	
1,1-Dichloroethane (1,1-DCA)	0.20 U	1.0	0.20	1	06/26/25 12:17	
1,1-Dichloroethene (1,1-DCE)	0.20 U	1.0	0.20	1	06/26/25 12:17	
1,2-Dichloroethane	0.20 U	1.0	0.20	1	06/26/25 12:17	
1,2-Dichloropropane	0.20 U	1.0	0.20	1	06/26/25 12:17	
2-Butanone (MEK)	0.78 U	5.0	0.78	1	06/26/25 12:17	
2-Hexanone	0.20 U	5.0	0.20	1	06/26/25 12:17	
4-Methyl-2-pentanone	0.20 U	5.0	0.20	1	06/26/25 12:17	
Acetone	5.0 U	5.0	5.0	1	06/26/25 12:17	
Benzene	0.20 U	1.0	0.20	1	06/26/25 12:17	
Bromodichloromethane	0.20 U	1.0	0.20	1	06/26/25 12:17	
Bromoform	0.25 U	1.0	0.25	1	06/26/25 12:17	
Bromomethane	0.70 U	1.0	0.70	1	06/26/25 12:17	
Carbon Disulfide	0.42 U	1.0	0.42	1	06/26/25 12:17	
Carbon Tetrachloride	0.34 U	1.0	0.34	1	06/26/25 12:17	
Chlorobenzene	0.20 U	1.0	0.20	1	06/26/25 12:17	
Chloroethane	0.23 U	1.0	0.23	1	06/26/25 12:17	
Chloroform	0.51 U	1.0	0.51	1	06/26/25 12:17	
Chloromethane	0.40 U	1.0	0.40	1	06/26/25 12:17	
Dibromochloromethane	0.20 U	1.0	0.20	1	06/26/25 12:17	
Dichloromethane	0.65 U	1.0	0.65	1	06/26/25 12:17	
Ethylbenzene	0.20 U	1.0	0.20	1	06/26/25 12:17	
Styrene	0.20 U	1.0	0.20	1	06/26/25 12:17	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	06/26/25 12:17	
Toluene	0.20 U	1.0	0.20	1	06/26/25 12:17	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	06/26/25 12:17	
Vinyl Acetate	1.1 U	2.0	1.1	1	06/26/25 12:17	
Vinyl Chloride	0.20 U	1.0	0.20	1	06/26/25 12:17	
Xylenes, Total	0.23 U	3.0	0.23	1	06/26/25 12:17	
cis-1,2-Dichloroethene	0.23 U	1.0	0.23	1	06/26/25 12:17	
cis-1,3-Dichloropropene	0.20 U	1.0	0.20	1	06/26/25 12:17	
trans-1,2-Dichloroethene	0.20 U	1.0	0.20	1	06/26/25 12:17	
trans-1,3-Dichloropropene	0.23 U	1.0	0.23	1	06/26/25 12:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507951-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/26/25 12:17	
Dibromofluoromethane	100	80 - 116	06/26/25 12:17	
Toluene-d8	100	87 - 121	06/26/25 12:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507951-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 06/26/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507951-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	18.6	20.0	93	75-125
1,1,2,2-Tetrachloroethane	8260D	18.2	20.0	91	78-126
1,1,2-Trichloroethane	8260D	19.3	20.0	97	82-121
1,1-Dichloroethane (1,1-DCA)	8260D	18.7	20.0	93	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	17.4	20.0	87	71-118
1,2-Dichloroethane	8260D	18.7	20.0	93	71-127
1,2-Dichloropropane	8260D	18.0	20.0	90	80-119
2-Butanone (MEK)	8260D	19.3	20.0	96	61-137
2-Hexanone	8260D	18.9	20.0	94	63-124
4-Methyl-2-pentanone	8260D	19.8	20.0	99	66-124
Acetone	8260D	13.3	20.0	67	40-161
Benzene	8260D	18.6	20.0	93	79-119
Bromodichloromethane	8260D	19.8	20.0	99	81-123
Bromoform	8260D	21.9	20.0	110	65-146
Bromomethane	8260D	16.6	20.0	83	42-166
Carbon Disulfide	8260D	17.5	20.0	88	66-128
Carbon Tetrachloride	8260D	18.4	20.0	92	70-127
Chlorobenzene	8260D	18.8	20.0	94	80-121
Chloroethane	8260D	18.5	20.0	93	62-131
Chloroform	8260D	18.3	20.0	92	79-120
Chloromethane	8260D	18.1	20.0	90	61-143
Dibromochloromethane	8260D	21.6	20.0	108	72-128
Dichloromethane	8260D	18.4	20.0	92	73-122
Ethylbenzene	8260D	19.3	20.0	96	76-120
Styrene	8260D	19.6	20.0	98	80-124
Tetrachloroethene (PCE)	8260D	18.9	20.0	95	72-125
Toluene	8260D	19.1	20.0	96	79-119
Trichloroethene (TCE)	8260D	19.4	20.0	97	74-122
Vinyl Acetate	8260D	21.1	20.0	105	52-174
Vinyl Chloride	8260D	18.9	20.0	94	74-159
Xylenes, Total	8260D	58.2	60.0	97	78-121
cis-1,2-Dichloroethene	8260D	18.1	20.0	91	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 06/26/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507951-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260D	19.8	20.0	99	77-122
trans-1,2-Dichloroethene	8260D	18.3	20.0	91	73-118
trans-1,3-Dichloropropene	8260D	22.7	20.0	113	71-133

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2507066

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-061325-039-JA	R2507066-001	127	90	61
WG-TR1045-061325-040-JA	R2507066-002	110	73	53
WG-TR1045-061325-041-JA	R2507066-003	86	71	48
WG-TR1045-061325-042-JA	R2507066-004	73	55	37
WG-TR1045-061625-043-SG	R2507066-006	97	70	47
WG-TR1045-061625-044-JA	R2507066-007	61	54	37
WG-TR1045-061625-045-JA	R2507066-008	72	30	28
WG-TR1045-061625-046-JA	R2507066-009	40	21 *	15
WG-TR1045-061625-046-JA RE	R2507066-009	78	42	26
WG-TR1045-061625-046-JA DL	R2507066-009	74	44	25
WG-TR1045-061325-039-JA MS	RQ2507436-01	99	64	55
WG-TR1045-061325-039-JA DMS	RQ2507436-02	127	84	64
Method Blank	RQ2507436-03	82	68	51
Lab Control Sample	RQ2507436-04	126	88	65
Duplicate Lab Control Sample	RQ2507436-05	126	86	65
Method Blank	RQ2508226-01	98	73	56
Lab Control Sample	RQ2508226-02	120	80	58
Duplicate Lab Control Sample	RQ2508226-03	103	69	53

Client: Glenn Springs Holdings, Inc. **Service Request:** R2507066

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E

Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-061325-039-JA	R2507066-001	86	41	111
WG-TR1045-061325-040-JA	R2507066-002	72	40	107
WG-TR1045-061325-041-JA	R2507066-003	70	31	96
WG-TR1045-061325-042-JA	R2507066-004	52	26	100
WG-TR1045-061625-043-SG	R2507066-006	65	35	103
WG-TR1045-061625-044-JA	R2507066-007	53	24	89
WG-TR1045-061625-045-JA	R2507066-008	47	21	54
WG-TR1045-061625-046-JA	R2507066-009	24	11	30
WG-TR1045-061625-046-JA RE	R2507066-009	49	19	49
WG-TR1045-061625-046-JA DL	R2507066-009	42	20	48
WG-TR1045-061325-039-JA MS	RQ2507436-01	63	39	91
WG-TR1045-061325-039-JA DMS	RQ2507436-02	80	42	103
Method Blank	RQ2507436-03	66	34	98
Lab Control Sample	RQ2507436-04	83	44	111
Duplicate Lab Control Sample	RQ2507436-05	83	44	111
Method Blank	RQ2508226-01	71	37	105
Lab Control Sample	RQ2508226-02	75	40	100
Duplicate Lab Control Sample	RQ2508226-03	67	36	83

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25
		Date Analyzed:	06/27/25
		Date Extracted:	06/18/25

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA
Analysis Method:	8270E		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507436-01			RQ2507436-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	1.2 U	41.6	78.4	53	48.6	78.4	62	10-127	15	30
1,2-Dichlorobenzene	1.2 U	40.9	78.4	52	48.8	78.4	62	17-105	18	30
1,3-Dichlorobenzene	1.1 U	39.8	78.4	51	47.0	78.4	60	21-99	16	30
1,4-Dichlorobenzene	1.2 U	40.2	78.4	51	47.7	78.4	61	10-124	17	30
2,4,5-Trichlorophenol	1.1 U	64.7	78.4	82	80.4	78.4	103	48-134	22	30
2,4,6-Trichlorophenol	1.4 U	59.8	78.4	76	77.4	78.4	99	44-135	26	30
2,4-Dichlorophenol	1.3 U	58.1	78.4	74	72.2	78.4	92	40-130	22	30
2,4-Dimethylphenol	4.3 U	59.3	78.4	76	72.8	78.4	93	35-99	20	30
2,4-Dinitrophenol	20 U	28.6 J	78.4	36	35.5 J	78.4	45	21-168	21	30
2,4-Dinitrotoluene	2.4 U	64.5	78.4	82	81.9	78.4	104	37-143	24	30
2,6-Dinitrotoluene	1.4 U	61.0	78.4	78	77.7	78.4	99	39-136	24	30
2-Chloronaphthalene	1.4 U	48.3	78.4	62	60.0	78.4	76	40-108	21	30
2-Chlorophenol	1.1 U	57.5	78.4	73	68.6	78.4	87	37-112	18	30
2-Methylnaphthalene	1.3 U	40.8	78.4	52	49.4	78.4	63	34-102	19	30
2-Methylphenol	1.0 U	61.6	78.4	79	71.3	78.4	91	37-102	15	30
2-Nitroaniline	1.4 U	60.5	78.4	77	77.9	78.4	99	40-136	25	30
2-Nitrophenol	1.5 U	51.1	78.4	65	65.9	78.4	84	27-143	25	30
3- and 4-Methylphenol Coelution	1.2 U	60.6	78.4	77	68.9	78.4	88	30-95	13	30
3-Nitroaniline	2.8 U	71.5	78.4	91	80.7	78.4	103	19-117	12	30
4,6-Dinitro-2-methylphenol	8.7 U	53.3	78.4	68	69.6	78.4	89	25-154	27	30
4-Bromophenyl Phenyl Ether	1.7 U	50.8	78.4	65	63.0	78.4	80	39-115	21	30
4-Chloro-3-methylphenol	1.1 U	62.2	78.4	79	75.2	78.4	96	41-126	19	30
4-Chloroaniline	2.6 U	78.6	78.4	100	85.6	78.4	109	19-111	8	30
4-Chlorophenyl Phenyl Ether	1.5 U	53.1	78.4	68	65.4	78.4	83	41-111	21	30
4-Nitroaniline	1.4 U	67.7	78.4	86	80.6	78.4	103	18-143	17	30
4-Nitrophenol	6.4 U	33.0 J	78.4	42	36.4 J	78.4	46	10-126	10	30
Acenaphthene	1.4 U	50.7	78.4	65	62.3	78.4	79	43-117	20	30
Acenaphthylene	1.4 U	55.1	78.4	70	68.7	78.4	88	45-119	22	30
Anthracene	1.3 U	55.9	78.4	71	69.2	78.4	88	45-127	21	30
Benz(a)anthracene	1.6 U	59.2	78.4	75	73.1	78.4	93	46-126	21	30
Benzo(a)pyrene	1.2 U	63.3	78.4	81	79.9	78.4	102	44-114	23	30
Benzo(b)fluoranthene	1.2 U	52.9	78.4	67	67.6	78.4	86	41-127	24	30
Benzo(g,h,i)perylene	2.1 U	59.2	78.4	75	73.1	78.4	93	50-143	21	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25
		Date Analyzed:	06/27/25
		Date Extracted:	06/18/25

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA
Analysis Method:	8270E		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507436-01			RQ2507436-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	1.3 U	63.2	78.4	81	77.4	78.4	99	46-139	20	30
Benzoic Acid	36 U	36 U	78.4	0 *	45.4 J	78.4	58	10-94	NC	30
Benzyl Alcohol	1.6 U	66.4	78.4	85	75.8	78.4	97	31-109	13	30
2,2'-Oxybis(1-chloropropane)	1.4 U	47.8	78.4	61	59.3	78.4	76	21-126	22	30
Bis(2-chloroethoxy)methane	1.9 U	56.1	78.4	72	70.5	78.4	90	41-118	23	30
Bis(2-chloroethyl) Ether	1.3 U	52.4	78.4	67	66.2	78.4	84	33-108	23	30
Bis(2-ethylhexyl) Phthalate	4.3 U	55.8	78.4	71	69.2	78.4	88	41-132	21	30
Butyl Benzyl Phthalate	2.9 U	54.8	78.4	70	68.3	78.4	87	41-148	22	30
Chrysene	1.2 U	61.4	78.4	78	73.6	78.4	94	47-126	18	30
Di-n-butyl Phthalate	1.7 U	54.3	78.4	69	68.3	78.4	87	43-130	23	30
Di-n-octyl Phthalate	3.3 U	57.5	78.4	73	71.1	78.4	91	40-139	21	30
Dibenz(a,h)anthracene	1.1 U	59.2	78.4	75	73.5	78.4	94	43-136	22	30
Dibenzofuran	1.4 U	53.4	78.4	68	66.2	78.4	84	46-119	21	30
Diethyl Phthalate	1.1 U	61.1	78.4	78	76.8	78.4	98	36-122	23	30
Dimethyl Phthalate	1.3 U	62.5	78.4	80	77.9	78.4	99	33-123	22	30
Fluoranthene	1.5 U	56.1	78.4	71	69.4	78.4	89	43-135	21	30
Fluorene	1.3 U	55.3	78.4	71	68.9	78.4	88	43-113	22	30
Hexachlorobenzene	1.6 U	50.7	78.4	65	63.5	78.4	81	42-125	22	30
Hexachlorobutadiene	2.2 U	37.8	78.4	48	44.4	78.4	57	10-111	16	30
Hexachlorocyclopentadiene	2.2 U	24.1	78.4	31	32.1	78.4	41	10-103	29	30
Hexachloroethane	1.1 U	37.3	78.4	47	44.4	78.4	57	12-101	18	30
Indeno(1,2,3-cd)pyrene	1.8 U	57.0	78.4	73	70.8	78.4	90	49-140	22	30
Isophorone	1.4 U	56.0	78.4	71	70.7	78.4	90	40-111	23	30
N-Nitrosodi-n-propylamine	1.2 U	54.3	78.4	69	69.1	78.4	88	35-108	24	30
N-Nitrosodiphenylamine	6.3 U	62.8	78.4	80	78.0	78.4	99	43-127	22	30
Naphthalene	1.2 U	44.4	78.4	57	52.8	78.4	67	37-108	17	30
Nitrobenzene	1.5 U	51.0	78.4	65	63.1	78.4	80	35-112	21	30
Pentachlorophenol (PCP)	9.7 U	48.3 J	78.4	62	60.6	78.4	77	29-164	23	30
Phenanthrene	1.4 U	52.1	78.4	66	64.1	78.4	82	46-123	21	30
Phenol	1.0 U	35.4	78.4	45	38.5	78.4	49	10-113	9	30
Pyrene	1.5 U	55.9	78.4	71	68.7	78.4	88	44-129	21	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507436-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	
1,2-Dichlorobenzene	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	
1,3-Dichlorobenzene	1.1 U	10	1.1	1	06/27/25 17:45	6/18/25	
1,4-Dichlorobenzene	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	
2,4,5-Trichlorophenol	1.1 U	10	1.1	1	06/27/25 17:45	6/18/25	
2,4,6-Trichlorophenol	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
2,4-Dichlorophenol	1.3 U	10	1.3	1	06/27/25 17:45	6/18/25	
2,4-Dimethylphenol	4.3 U	10	4.3	1	06/27/25 17:45	6/18/25	
2,4-Dinitrophenol	20 U	50	20	1	06/27/25 17:45	6/18/25	
2,4-Dinitrotoluene	2.4 U	10	2.4	1	06/27/25 17:45	6/18/25	
2,6-Dinitrotoluene	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
2-Chloronaphthalene	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
2-Chlorophenol	1.1 U	10	1.1	1	06/27/25 17:45	6/18/25	
2-Methylnaphthalene	1.3 U	10	1.3	1	06/27/25 17:45	6/18/25	
2-Methylphenol	1.0 U	10	1.0	1	06/27/25 17:45	6/18/25	
2-Nitroaniline	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
2-Nitrophenol	1.5 U	10	1.5	1	06/27/25 17:45	6/18/25	
3,3'-Dichlorobenzidine	2.7 U	10	2.7	1	06/27/25 17:45	6/18/25	
3- and 4-Methylphenol Coelution	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	
3-Nitroaniline	2.8 U	10	2.8	1	06/27/25 17:45	6/18/25	
4,6-Dinitro-2-methylphenol	8.7 U	50	8.7	1	06/27/25 17:45	6/18/25	
4-Bromophenyl Phenyl Ether	1.7 U	10	1.7	1	06/27/25 17:45	6/18/25	
4-Chloro-3-methylphenol	1.1 U	10	1.1	1	06/27/25 17:45	6/18/25	
4-Chloroaniline	2.6 U	10	2.6	1	06/27/25 17:45	6/18/25	
4-Chlorophenyl Phenyl Ether	1.5 U	10	1.5	1	06/27/25 17:45	6/18/25	
4-Nitroaniline	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
4-Nitrophenol	6.4 U	50	6.4	1	06/27/25 17:45	6/18/25	
Acenaphthene	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
Acenaphthylene	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
Anthracene	1.3 U	10	1.3	1	06/27/25 17:45	6/18/25	
Benz(a)anthracene	1.6 U	10	1.6	1	06/27/25 17:45	6/18/25	
Benzo(a)pyrene	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	
Benzo(b)fluoranthene	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	
Benzo(g,h,i)perylene	2.1 U	10	2.1	1	06/27/25 17:45	6/18/25	
Benzo(k)fluoranthene	1.3 U	10	1.3	1	06/27/25 17:45	6/18/25	
Benzoic Acid	36 U	50	36	1	06/27/25 17:45	6/18/25	
Benzyl Alcohol	1.6 U	10	1.6	1	06/27/25 17:45	6/18/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
Bis(2-chloroethoxy)methane	1.9 U	10	1.9	1	06/27/25 17:45	6/18/25	
Bis(2-chloroethyl) Ether	1.3 U	10	1.3	1	06/27/25 17:45	6/18/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	10	4.3	1	06/27/25 17:45	6/18/25	
Butyl Benzyl Phthalate	2.9 U	10	2.9	1	06/27/25 17:45	6/18/25	
Chrysene	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507436-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	10	1.7	1	06/27/25 17:45	6/18/25	
Di-n-octyl Phthalate	3.3 U	10	3.3	1	06/27/25 17:45	6/18/25	
Dibenz(a,h)anthracene	1.1 U	10	1.1	1	06/27/25 17:45	6/18/25	
Dibenzofuran	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
Diethyl Phthalate	1.1 U	10	1.1	1	06/27/25 17:45	6/18/25	
Dimethyl Phthalate	1.3 U	10	1.3	1	06/27/25 17:45	6/18/25	
Fluoranthene	1.5 U	10	1.5	1	06/27/25 17:45	6/18/25	
Fluorene	1.3 U	10	1.3	1	06/27/25 17:45	6/18/25	
Hexachlorobenzene	1.6 U	10	1.6	1	06/27/25 17:45	6/18/25	
Hexachlorobutadiene	2.2 U	10	2.2	1	06/27/25 17:45	6/18/25	
Hexachlorocyclopentadiene	2.2 U	10	2.2	1	06/27/25 17:45	6/18/25	
Hexachloroethane	1.1 U	10	1.1	1	06/27/25 17:45	6/18/25	
Indeno(1,2,3-cd)pyrene	1.8 U	10	1.8	1	06/27/25 17:45	6/18/25	
Isophorone	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
N-Nitrosodi-n-propylamine	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	
N-Nitrosodiphenylamine	6.3 U	10	6.3	1	06/27/25 17:45	6/18/25	
Naphthalene	1.2 U	10	1.2	1	06/27/25 17:45	6/18/25	
Nitrobenzene	1.5 U	10	1.5	1	06/27/25 17:45	6/18/25	
Pentachlorophenol (PCP)	9.7 U	50	9.7	1	06/27/25 17:45	6/18/25	
Phenanthrene	1.4 U	10	1.4	1	06/27/25 17:45	6/18/25	
Phenol	1.0 U	10	1.0	1	06/27/25 17:45	6/18/25	
Pyrene	1.5 U	10	1.5	1	06/27/25 17:45	6/18/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	82	31 - 133	06/27/25 17:45	
2-Fluorobiphenyl	68	25 - 99	06/27/25 17:45	
2-Fluorophenol	51	15 - 72	06/27/25 17:45	
Nitrobenzene-d5	66	22 - 104	06/27/25 17:45	
Phenol-d6	34	10 - 55	06/27/25 17:45	
p-Terphenyl-d14	98	10 - 143	06/27/25 17:45	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
994-05-8	Butane, 2-methoxy-2-methyl-	1.417	350	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2508226-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	
1,2-Dichlorobenzene	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	
1,3-Dichlorobenzene	1.1 U	10	1.1	1	07/08/25 10:46	7/1/25	
1,4-Dichlorobenzene	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	
2,4,5-Trichlorophenol	1.1 U	10	1.1	1	07/08/25 10:46	7/1/25	
2,4,6-Trichlorophenol	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
2,4-Dichlorophenol	1.3 U	10	1.3	1	07/08/25 10:46	7/1/25	
2,4-Dimethylphenol	4.3 U	10	4.3	1	07/08/25 10:46	7/1/25	
2,4-Dinitrophenol	20 U	50	20	1	07/08/25 10:46	7/1/25	
2,4-Dinitrotoluene	2.4 U	10	2.4	1	07/08/25 10:46	7/1/25	
2,6-Dinitrotoluene	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
2-Chloronaphthalene	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
2-Chlorophenol	1.1 U	10	1.1	1	07/08/25 10:46	7/1/25	
2-Methylnaphthalene	1.3 U	10	1.3	1	07/08/25 10:46	7/1/25	
2-Methylphenol	1.0 U	10	1.0	1	07/08/25 10:46	7/1/25	
2-Nitroaniline	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
2-Nitrophenol	1.5 U	10	1.5	1	07/08/25 10:46	7/1/25	
3,3'-Dichlorobenzidine	2.7 U	10	2.7	1	07/08/25 10:46	7/1/25	
3- and 4-Methylphenol Coelution	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	
3-Nitroaniline	2.8 U	10	2.8	1	07/08/25 10:46	7/1/25	
4,6-Dinitro-2-methylphenol	8.7 U	50	8.7	1	07/08/25 10:46	7/1/25	
4-Bromophenyl Phenyl Ether	1.7 U	10	1.7	1	07/08/25 10:46	7/1/25	
4-Chloro-3-methylphenol	1.1 U	10	1.1	1	07/08/25 10:46	7/1/25	
4-Chloroaniline	2.6 U	10	2.6	1	07/08/25 10:46	7/1/25	
4-Chlorophenyl Phenyl Ether	1.5 U	10	1.5	1	07/08/25 10:46	7/1/25	
4-Nitroaniline	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
4-Nitrophenol	6.4 U	50	6.4	1	07/08/25 10:46	7/1/25	
Acenaphthene	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
Acenaphthylene	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
Anthracene	1.3 U	10	1.3	1	07/08/25 10:46	7/1/25	
Benz(a)anthracene	1.6 U	10	1.6	1	07/08/25 10:46	7/1/25	
Benzo(a)pyrene	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	
Benzo(b)fluoranthene	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	
Benzo(g,h,i)perylene	2.1 U	10	2.1	1	07/08/25 10:46	7/1/25	
Benzo(k)fluoranthene	1.3 U	10	1.3	1	07/08/25 10:46	7/1/25	
Benzoic Acid	36 U	50	36	1	07/08/25 10:46	7/1/25	
Benzyl Alcohol	1.6 U	10	1.6	1	07/08/25 10:46	7/1/25	
2,2'-Oxybis(1-chloropropane)	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
Bis(2-chloroethoxy)methane	1.9 U	10	1.9	1	07/08/25 10:46	7/1/25	
Bis(2-chloroethyl) Ether	1.3 U	10	1.3	1	07/08/25 10:46	7/1/25	
Bis(2-ethylhexyl) Phthalate	4.3 U	10	4.3	1	07/08/25 10:46	7/1/25	
Butyl Benzyl Phthalate	2.9 U	10	2.9	1	07/08/25 10:46	7/1/25	
Chrysene	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2508226-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	1.7 U	10	1.7	1	07/08/25 10:46	7/1/25	
Di-n-octyl Phthalate	3.3 U	10	3.3	1	07/08/25 10:46	7/1/25	
Dibenz(a,h)anthracene	1.1 U	10	1.1	1	07/08/25 10:46	7/1/25	
Dibenzofuran	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
Diethyl Phthalate	1.1 U	10	1.1	1	07/08/25 10:46	7/1/25	
Dimethyl Phthalate	1.3 U	10	1.3	1	07/08/25 10:46	7/1/25	
Fluoranthene	1.5 U	10	1.5	1	07/08/25 10:46	7/1/25	
Fluorene	1.3 U	10	1.3	1	07/08/25 10:46	7/1/25	
Hexachlorobenzene	1.6 U	10	1.6	1	07/08/25 10:46	7/1/25	
Hexachlorobutadiene	2.2 U	10	2.2	1	07/08/25 10:46	7/1/25	
Hexachlorocyclopentadiene	2.2 U	10	2.2	1	07/08/25 10:46	7/1/25	
Hexachloroethane	1.1 U	10	1.1	1	07/08/25 10:46	7/1/25	
Indeno(1,2,3-cd)pyrene	1.8 U	10	1.8	1	07/08/25 10:46	7/1/25	
Isophorone	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
N-Nitrosodi-n-propylamine	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	
N-Nitrosodiphenylamine	6.3 U	10	6.3	1	07/08/25 10:46	7/1/25	
Naphthalene	1.2 U	10	1.2	1	07/08/25 10:46	7/1/25	
Nitrobenzene	1.5 U	10	1.5	1	07/08/25 10:46	7/1/25	
Pentachlorophenol (PCP)	9.7 U	50	9.7	1	07/08/25 10:46	7/1/25	
Phenanthrene	1.4 U	10	1.4	1	07/08/25 10:46	7/1/25	
Phenol	1.0 U	10	1.0	1	07/08/25 10:46	7/1/25	
Pyrene	1.5 U	10	1.5	1	07/08/25 10:46	7/1/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	98	31 - 133	07/08/25 10:46	
2-Fluorobiphenyl	73	25 - 99	07/08/25 10:46	
2-Fluorophenol	56	15 - 72	07/08/25 10:46	
Nitrobenzene-d5	71	22 - 104	07/08/25 10:46	
Phenol-d6	37	10 - 55	07/08/25 10:46	
p-Terphenyl-d14	105	10 - 143	07/08/25 10:46	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 06/27/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507436-04			RQ2507436-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270E	54.9	80.0	69	50.8	80.0	63	26-85	8	30
1,2-Dichlorobenzene	8270E	55.2	80.0	69	50.7	80.0	63	20-85	9	30
1,3-Dichlorobenzene	8270E	53.4	80.0	67	49.2	80.0	62	18-83	8	30
1,4-Dichlorobenzene	8270E	54.6	80.0	68	49.7	80.0	62	18-82	9	30
2,4,5-Trichlorophenol	8270E	84.4	80.0	106	81.5	80.0	102	55-114	4	30
2,4,6-Trichlorophenol	8270E	78.3	80.0	98	76.0	80.0	95	49-103	3	30
2,4-Dichlorophenol	8270E	74.9	80.0	94	72.2	80.0	90	43-101	4	30
2,4-Dimethylphenol	8270E	73.7	80.0	92	71.5	80.0	89	45-129	3	30
2,4-Dinitrophenol	8270E	42.3 J	80.0	53	40.5 J	80.0	51	14-129	4	30
2,4-Dinitrotoluene	8270E	89.8	80.0	112	87.8	80.0	110	58-124	2	30
2,6-Dinitrotoluene	8270E	84.1	80.0	105	82.7	80.0	103	62-126	2	30
2-Chloronaphthalene	8270E	61.9	80.0	77	57.8	80.0	72	38-97	7	30
2-Chlorophenol	8270E	72.2	80.0	90	69.4	80.0	87	33-93	4	30
2-Methylnaphthalene	8270E	51.5	80.0	64	46.8	80.0	58	35-94	10	30
2-Methylphenol	8270E	74.7	80.0	93	72.0	80.0	90	41-97	4	30
2-Nitroaniline	8270E	78.2	80.0	98	76.3	80.0	95	56-122	2	30
2-Nitrophenol	8270E	66.3	80.0	83	63.5	80.0	79	36-101	4	30
3- and 4-Methylphenol Coelution	8270E	72.0	80.0	90	68.5	80.0	86	40-92	5	30
3-Nitroaniline	8270E	83.8	80.0	105	81.7	80.0	102	52-115	3	30
4,6-Dinitro-2-methylphenol	8270E	75.6	80.0	95	74.1	80.0	93	31-119	2	30
4-Bromophenyl Phenyl Ether	8270E	73.3	80.0	92	69.4	80.0	87	54-123	6	30
4-Chloro-3-methylphenol	8270E	76.0	80.0	95	72.6	80.0	91	52-104	4	30
4-Chloroaniline	8270E	87.3	80.0	109	86.5	80.0	108	43-113	<1	30
4-Chlorophenyl Phenyl Ether	8270E	72.7	80.0	91	68.5	80.0	86	52-113	6	30
4-Nitroaniline	8270E	79.9	80.0	100	77.3	80.0	97	54-118	3	30
4-Nitrophenol	8270E	38.3 J	80.0	48	36.5 J	80.0	46	16-64	5	30
Acenaphthene	8270E	65.6	80.0	82	61.6	80.0	77	46-103	6	30
Acenaphthylene	8270E	72.8	80.0	91	67.7	80.0	85	51-114	7	30
Anthracene	8270E	80.8	80.0	101	77.8	80.0	97	61-115	4	30
Benz(a)anthracene	8270E	85.8	80.0	107	80.1	80.0	100	60-110	7	30
Benzo(a)pyrene	8270E	91.7	80.0	115	89.3	80.0	112	68-137	3	30
Benzo(b)fluoranthene	8270E	78.7	80.0	98	75.4	80.0	94	59-114	4	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 06/27/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507436-04			RQ2507436-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270E	82.1	80.0	103	82.0	80.0	102	60-123	<1	30
Benzo(k)fluoranthene	8270E	93.7	80.0	117	89.6	80.0	112	62-122	5	30
Benzoic Acid	8270E	36 U	80.0	0 *	36 U	80.0	0 *	10-110	NC	30
Benzyl Alcohol	8270E	75.3	80.0	94	73.0	80.0	91	46-106	3	30
2,2'-Oxybis(1-chloropropane)	8270E	60.7	80.0	76	56.8	80.0	71	32-104	7	30
Bis(2-chloroethoxy)methane	8270E	73.6	80.0	92	71.0	80.0	89	55-126	4	30
Bis(2-chloroethyl) Ether	8270E	68.8	80.0	86	65.6	80.0	82	36-101	5	30
Bis(2-ethylhexyl) Phthalate	8270E	79.8	80.0	100	75.7	80.0	95	51-132	5	30
Butyl Benzyl Phthalate	8270E	73.8	80.0	92	71.1	80.0	89	54-122	4	30
Chrysene	8270E	93.1	80.0	116	86.1	80.0	108	64-116	8	30
Di-n-butyl Phthalate	8270E	77.9	80.0	97	74.4	80.0	93	61-147	5	30
Di-n-octyl Phthalate	8270E	76.0	80.0	95	70.1	80.0	88	43-139	8	30
Dibenz(a,h)anthracene	8270E	83.5	80.0	104	82.2	80.0	103	34-140	2	30
Dibenzofuran	8270E	72.1	80.0	90	67.8	80.0	85	50-107	6	30
Diethyl Phthalate	8270E	84.1	80.0	105	80.6	80.0	101	57-113	4	30
Dimethyl Phthalate	8270E	84.0	80.0	105	80.3	80.0	100	64-114	4	30
Fluoranthene	8270E	77.2	80.0	97	76.1	80.0	95	58-129	1	30
Fluorene	8270E	75.9	80.0	95	72.3	80.0	90	54-111	5	30
Hexachlorobenzene	8270E	75.3	80.0	94	73.0	80.0	91	54-122	3	30
Hexachlorobutadiene	8270E	54.7	80.0	68	49.5	80.0	62	25-89	10	30
Hexachlorocyclopentadiene	8270E	52.9	80.0	66	50.1	80.0	63	10-71	5	30
Hexachloroethane	8270E	52.7	80.0	66	48.5	80.0	61	16-81	8	30
Indeno(1,2,3-cd)pyrene	8270E	78.3	80.0	98	72.4	80.0	91	54-119	8	30
Isophorone	8270E	73.4	80.0	92	70.5	80.0	88	51-108	4	30
N-Nitrosodi-n-propylamine	8270E	72.3	80.0	90	68.6	80.0	86	44-101	5	30
N-Nitrosodiphenylamine	8270E	87.9	80.0	110	84.9	80.0	106	65-126	3	30
Naphthalene	8270E	56.5	80.0	71	51.7	80.0	65	32-91	9	30
Nitrobenzene	8270E	65.5	80.0	82	62.7	80.0	78	39-100	4	30
Pentachlorophenol (PCP)	8270E	74.6	80.0	93	70.2	80.0	88	11-154	6	30
Phenanthrene	8270E	74.8	80.0	94	71.9	80.0	90	60-111	4	30
Phenol	8270E	40.6	80.0	51	39.6	80.0	50	10-67	2	30
Pyrene	8270E	80.7	80.0	101	77.6	80.0	97	62-111	4	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 07/08/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2508226-02			RQ2508226-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270E	37.5	80.0	47	39.9	80.0	50	26-85	6	30
1,2-Dichlorobenzene	8270E	36.5	80.0	46	40.1	80.0	50	20-85	9	30
1,3-Dichlorobenzene	8270E	35.4	80.0	44	39.1	80.0	49	18-83	10	30
1,4-Dichlorobenzene	8270E	35.9	80.0	45	39.7	80.0	50	18-82	10	30
2,4,5-Trichlorophenol	8270E	61.1	80.0	76	65.9	80.0	82	55-114	8	30
2,4,6-Trichlorophenol	8270E	57.0	80.0	71	63.5	80.0	79	49-103	11	30
2,4-Dichlorophenol	8270E	54.6	80.0	68	58.4	80.0	73	43-101	7	30
2,4-Dimethylphenol	8270E	52.3	80.0	65	53.9	80.0	67	45-129	3	30
2,4-Dinitrophenol	8270E	41.3 J	80.0	52	61.0	80.0	76	14-129	39*	30
2,4-Dinitrotoluene	8270E	62.0	80.0	77	66.9	80.0	84	58-124	8	30
2,6-Dinitrotoluene	8270E	59.6	80.0	75	63.7	80.0	80	62-126	7	30
2-Chloronaphthalene	8270E	43.1	80.0	54	47.7	80.0	60	38-97	10	30
2-Chlorophenol	8270E	50.6	80.0	63	54.9	80.0	69	33-93	8	30
2-Methylnaphthalene	8270E	36.1	80.0	45	39.6	80.0	50	35-94	9	30
2-Methylphenol	8270E	50.0	80.0	62	56.5	80.0	71	41-97	12	30
2-Nitroaniline	8270E	53.1	80.0	66	60.5	80.0	76	56-122	13	30
2-Nitrophenol	8270E	49.2	80.0	61	55.4	80.0	69	36-101	12	30
3- and 4-Methylphenol Coelution	8270E	49.1	80.0	61	54.2	80.0	68	40-92	10	30
3-Nitroaniline	8270E	55.7	80.0	70	59.5	80.0	74	52-115	7	30
4,6-Dinitro-2-methylphenol	8270E	56.0	80.0	70	64.8	80.0	81	31-119	15	30
4-Bromophenyl Phenyl Ether	8270E	54.9	80.0	69	57.4	80.0	72	54-123	4	30
4-Chloro-3-methylphenol	8270E	53.2	80.0	66	59.6	80.0	75	52-104	11	30
4-Chloroaniline	8270E	60.9	80.0	76	66.3	80.0	83	43-113	9	30
4-Chlorophenyl Phenyl Ether	8270E	54.5	80.0	68	58.2	80.0	73	52-113	6	30
4-Nitroaniline	8270E	52.3	80.0	65	56.7	80.0	71	54-118	8	30
4-Nitrophenol	8270E	21.8 J	80.0	27	26.0 J	80.0	33	16-64	18	30
Acenaphthene	8270E	48.0	80.0	60	52.5	80.0	66	46-103	9	30
Acenaphthylene	8270E	53.4	80.0	67	58.9	80.0	74	51-114	10	30
Anthracene	8270E	59.0	80.0	74	61.8	80.0	77	61-115	5	30
Benz(a)anthracene	8270E	57.9	80.0	72	59.5	80.0	74	60-110	3	30
Benzo(a)pyrene	8270E	65.3	80.0	82	71.1	80.0	89	68-137	8	30
Benzo(b)fluoranthene	8270E	55.2	80.0	69	58.5	80.0	73	59-114	6	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 07/08/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2508226-02			RQ2508226-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270E	56.7	80.0	71	63.9	80.0	80	60-123	12	30
Benzo(k)fluoranthene	8270E	63.6	80.0	80	65.1	80.0	81	62-122	2	30
Benzoic Acid	8270E	40.5 J	80.0	51	53.7	80.0	67	10-110	28	30
Benzyl Alcohol	8270E	51.2	80.0	64	59.1	80.0	74	46-106	14	30
2,2'-Oxybis(1-chloropropane)	8270E	45.3	80.0	57	52.1	80.0	65	32-104	14	30
Bis(2-chloroethoxy)methane	8270E	55.0	80.0	69	57.9	80.0	72	55-126	5	30
Bis(2-chloroethyl) Ether	8270E	50.2	80.0	63	54.0	80.0	67	36-101	7	30
Bis(2-ethylhexyl) Phthalate	8270E	56.1	80.0	70	63.4	80.0	79	51-132	12	30
Butyl Benzyl Phthalate	8270E	51.9	80.0	65	59.6	80.0	74	54-122	14	30
Chrysene	8270E	62.8	80.0	79	62.0	80.0	78	64-116	1	30
Di-n-butyl Phthalate	8270E	55.4	80.0	69	58.7	80.0	73	61-147	6	30
Di-n-octyl Phthalate	8270E	55.2	80.0	69	63.6	80.0	79	43-139	14	30
Dibenz(a,h)anthracene	8270E	61.8	80.0	77	69.7	80.0	87	34-140	12	30
Dibenzofuran	8270E	53.2	80.0	67	57.1	80.0	71	50-107	7	30
Diethyl Phthalate	8270E	59.3	80.0	74	62.4	80.0	78	57-113	5	30
Dimethyl Phthalate	8270E	59.4	80.0	74	61.9	80.0	77	64-114	4	30
Fluoranthene	8270E	55.6	80.0	69	59.1	80.0	74	58-129	6	30
Fluorene	8270E	56.5	80.0	71	60.4	80.0	76	54-111	7	30
Hexachlorobenzene	8270E	56.7	80.0	71	58.4	80.0	73	54-122	3	30
Hexachlorobutadiene	8270E	36.1	80.0	45	38.3	80.0	48	25-89	6	30
Hexachlorocyclopentadiene	8270E	19.3	80.0	24	21.2	80.0	26	10-71	9	30
Hexachloroethane	8270E	33.9	80.0	42	37.3	80.0	47	16-81	10	30
Indeno(1,2,3-cd)pyrene	8270E	51.5	80.0	64	59.7	80.0	75	54-119	15	30
Isophorone	8270E	54.0	80.0	68	59.4	80.0	74	51-108	9	30
N-Nitrosodi-n-propylamine	8270E	51.5	80.0	64	56.9	80.0	71	44-101	10	30
N-Nitrosodiphenylamine	8270E	63.5	80.0	79	67.9	80.0	85	65-126	7	30
Naphthalene	8270E	40.1	80.0	50	43.0	80.0	54	32-91	7	30
Nitrobenzene	8270E	47.7	80.0	60	52.3	80.0	65	39-100	9	30
Pentachlorophenol (PCP)	8270E	51.5	80.0	64	66.6	80.0	83	11-154	26	30
Phenanthrene	8270E	54.7	80.0	68	56.9	80.0	71	60-111	4	30
Phenol	8270E	32.2	80.0	40	35.4	80.0	44	10-67	9	30
Pyrene	8270E	56.6	80.0	71	60.1	80.0	75	62-111	6	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2507066

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B

Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 111	Tetrachloro-m-xylene 10 - 101
WG-TR1045-061325-039-JA	R2507066-001	37	61
WG-TR1045-061325-040-JA	R2507066-002	33	60
WG-TR1045-061325-041-JA	R2507066-003	25	49
WG-TR1045-061325-042-JA	R2507066-004	19	57
WG-TR1045-061625-043-SG	R2507066-006	27	54
WG-TR1045-061625-044-JA	R2507066-007	26	55
WG-TR1045-061625-045-JA	R2507066-008	8 *	74 P
WG-TR1045-061625-045-JA RE	R2507066-008	8 *	62
WG-TR1045-061625-045-JA DL	R2507066-008	8 D *	61 DP
WG-TR1045-061625-045-JA DL	R2507066-008	9 D *	73 DP
WG-TR1045-061625-046-JA	R2507066-009	10	87 P
WG-TR1045-061625-046-JA DL	R2507066-009	13 D	70 DP
Method Blank	RQ2507521-01	22	59
Method Blank	RQ2507521-01	5 *	45
Lab Control Sample	RQ2507521-03	16	59
Lab Control Sample	RQ2507521-03	16	56
WG-TR1045-061325-039-JA MS	RQ2507521-07	40	61
WG-TR1045-061325-039-JA DMS	RQ2507521-08	39	57
Method Blank	RQ2507623-01	30	60
Method Blank	RQ2507623-01	29	53
Lab Control Sample	RQ2507623-02	26	61
Duplicate Lab Control Sample	RQ2507623-03	27	61

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25
		Date Analyzed:	06/24/25
		Date Extracted:	06/19/25

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA
Analysis Method:	8081B		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507521-07			RQ2507521-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	0.020 U	0.228	0.392	58	0.247	0.392	63	38-157	8	30
4,4'-DDE	0.020 U	0.322	0.392	82	0.308	0.392	79	10-200	4	30
4,4'-DDT	0.020 U	0.250	0.392	64	0.266	0.392	68	19-154	6	30
Aldrin	0.020 U	0.248	0.392	63	0.239	0.392	61	26-149	4	30
Dieldrin	0.020 U	0.281	0.392	72	0.281	0.392	72	41-164	<1	30
Endosulfan I	0.020 U	0.272	0.392	69	0.271	0.392	69	47-149	<1	30
Endosulfan II	0.020 U	0.273	0.392	70	0.279	0.392	71	51-148	2	30
Endosulfan Sulfate	0.020 U	0.133	0.392	34	0.167	0.392	43	10-170	23	30
Endrin	0.020 U	0.310	0.392	79	0.304	0.392	78	48-165	2	30
Endrin Ketone	0.020 U	0.293	0.392	75	0.298	0.392	76	48-162	2	30
Heptachlor	0.020 U	0.297	0.392	76	0.283	0.392	72	29-168	5	30
Heptachlor Epoxide	0.020 U	0.306	0.392	78	0.296	0.392	75	29-180	3	30
Methoxychlor	0.020 U	0.343	0.392	87	0.350	0.392	89	38-162	2	30
alpha-BHC	0.020 U	0.266	0.392	68	0.277	0.392	71	27-154	4	30
alpha-Chlordane	0.020 U	0.267	0.392	68	0.268	0.392	68	35-160	<1	30
beta-BHC	0.020 U	0.280	0.392	71	0.307	0.392	78	32-184	9	30
delta-BHC	0.020 U	0.153	0.392	39	0.198	0.392	51	10-182	26	30
gamma-BHC (Lindane)	0.020 U	0.249	0.392	63	0.259	0.392	66	43-164	4	30
gamma-Chlordane	0.020 U	0.277	0.392	71	0.277	0.392	71	35-165	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507521-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
4,4'-DDE	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
4,4'-DDT	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Aldrin	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Dieldrin	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Endosulfan I	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Endosulfan II	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Endosulfan Sulfate	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Endrin	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Endrin Ketone	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Heptachlor	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Heptachlor Epoxide	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Methoxychlor	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
Toxaphene	0.50 U	0.50	0.50	1	06/19/25 23:54	6/19/25	
alpha-BHC	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
alpha-Chlordane	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
beta-BHC	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
delta-BHC	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
gamma-BHC (Lindane)	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	
gamma-Chlordane	0.020 U	0.050	0.020	1	06/19/25 23:54	6/19/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507521-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	22	10 - 111	06/19/25 23:54	
Tetrachloro-m-xylene	59	10 - 101	06/19/25 23:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507521-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
4,4'-DDE	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
4,4'-DDT	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Aldrin	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Dieldrin	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Endosulfan I	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Endosulfan II	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Endosulfan Sulfate	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Endrin	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Endrin Ketone	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Heptachlor	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Heptachlor Epoxide	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Methoxychlor	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
Toxaphene	0.50 U	0.50	0.50	1	06/20/25 17:30	6/19/25	
alpha-BHC	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
alpha-Chlordane	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
beta-BHC	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
delta-BHC	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
gamma-BHC (Lindane)	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	
gamma-Chlordane	0.020 U	0.050	0.020	1	06/20/25 17:30	6/19/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507521-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	5 *	10 - 111	06/20/25 17:30	*
Tetrachloro-m-xylene	45	10 - 101	06/20/25 17:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507623-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
4,4'-DDE	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
4,4'-DDT	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Aldrin	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Dieldrin	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Endosulfan I	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Endosulfan II	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Endosulfan Sulfate	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Endrin	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Endrin Ketone	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Heptachlor	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Heptachlor Epoxide	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Methoxychlor	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
Toxaphene	0.50 U	0.50	0.50	1	06/24/25 19:35	6/20/25	
alpha-BHC	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
alpha-Chlordane	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
beta-BHC	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
delta-BHC	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
gamma-BHC (Lindane)	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	
gamma-Chlordane	0.020 U	0.050	0.020	1	06/24/25 19:35	6/20/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507623-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	30	10 - 111	06/24/25 19:35	
Tetrachloro-m-xylene	60	10 - 101	06/24/25 19:35	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507623-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
4,4'-DDE	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
4,4'-DDT	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Aldrin	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Dieldrin	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Endosulfan I	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Endosulfan II	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Endosulfan Sulfate	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Endrin	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Endrin Ketone	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Heptachlor	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Heptachlor Epoxide	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Methoxychlor	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
Toxaphene	0.50 U	0.50	0.50	1	06/26/25 15:15	6/20/25	
alpha-BHC	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
alpha-Chlordane	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
beta-BHC	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
delta-BHC	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
gamma-BHC (Lindane)	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	
gamma-Chlordane	0.020 U	0.050	0.020	1	06/26/25 15:15	6/20/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507623-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	27	10 - 111	06/26/25 15:15	
Tetrachloro-m-xylene	52	10 - 101	06/26/25 15:15	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 06/20/25

Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

Lab Control Sample
RQ2507521-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
4,4'-DDD	8081B	0.273	0.400	68	38-116
4,4'-DDE	8081B	0.270	0.400	68	40-107
4,4'-DDT	8081B	0.291	0.400	73	41-121
Aldrin	8081B	0.207	0.400	52	27-85
Dieldrin	8081B	0.281	0.400	70	45-112
Endosulfan I	8081B	0.274	0.400	68	44-111
Endosulfan II	8081B	0.285	0.400	71	44-114
Endosulfan Sulfate	8081B	0.258	0.400	64	38-119
Endrin	8081B	0.295	0.400	74	47-116
Endrin Ketone	8081B	0.302	0.400	76	44-120
Heptachlor	8081B	0.265	0.400	66	33-99
Heptachlor Epoxide	8081B	0.293	0.400	73	46-111
Methoxychlor	8081B	0.337	0.400	84	29-138
alpha-BHC	8081B	0.295	0.400	74	39-107
alpha-Chlordane	8081B	0.278	0.400	69	44-107
beta-BHC	8081B	0.310	0.400	78	47-110
delta-BHC	8081B	0.301	0.400	75	43-109
gamma-BHC (Lindane)	8081B	0.281	0.400	70	41-105
gamma-Chlordane	8081B	0.282	0.400	71	41-107

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 06/24/25

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2507623-02			RQ2507623-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.297	0.400	74	0.293	0.400	73	38-116	2	30
4,4'-DDE	8081B	0.299	0.400	75	0.293	0.400	73	40-107	2	30
4,4'-DDT	8081B	0.329	0.400	82	0.317	0.400	79	41-121	4	30
Aldrin	8081B	0.248	0.400	62	0.243	0.400	61	27-85	2	30
Dieldrin	8081B	0.301	0.400	75	0.294	0.400	73	45-112	3	30
Endosulfan I	8081B	0.290	0.400	73	0.283	0.400	71	44-111	3	30
Endosulfan II	8081B	0.307	0.400	77	0.303	0.400	76	44-114	1	30
Endosulfan Sulfate	8081B	0.300	0.400	75	0.289	0.400	72	38-119	4	30
Endrin	8081B	0.321	0.400	80	0.308	0.400	77	47-116	4	30
Endrin Ketone	8081B	0.322	0.400	80	0.310	0.400	78	44-120	4	30
Heptachlor	8081B	0.292	0.400	73	0.283	0.400	71	33-99	3	30
Heptachlor Epoxide	8081B	0.309	0.400	77	0.301	0.400	75	46-111	3	30
Methoxychlor	8081B	0.351	0.400	88	0.332	0.400	83	29-138	5	30
alpha-BHC	8081B	0.300	0.400	75	0.301	0.400	75	39-107	<1	30
alpha-Chlordane	8081B	0.299	0.400	75	0.291	0.400	73	44-107	2	30
beta-BHC	8081B	0.316	0.400	79	0.324	0.400	81	47-110	2	30
delta-BHC	8081B	0.319	0.400	80	0.312	0.400	78	43-109	2	30
gamma-BHC (Lindane)	8081B	0.296	0.400	74	0.300	0.400	75	41-105	1	30
gamma-Chlordane	8081B	0.301	0.400	75	0.294	0.400	73	41-107	3	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2507066

Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term

Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A

Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 118	Tetrachloro-m-xylene 10 - 103
WG-TR1045-061325-039-JA	R2507066-001	44	57
WG-TR1045-061325-040-JA	R2507066-002	39	59
WG-TR1045-061325-041-JA	R2507066-003	29	45
WG-TR1045-061325-042-JA	R2507066-004	22	51
WG-TR1045-061625-043-SG	R2507066-006	33	44
WG-TR1045-061625-044-JA	R2507066-007	31	48
WG-TR1045-061625-045-JA	R2507066-008	15	71 P
WG-TR1045-061625-046-JA	R2507066-009	12	85 P
Method Blank	RQ2507521-02	24	54
Method Blank	RQ2507521-02	24	53
Lab Control Sample	RQ2507521-05	34	57
Lab Control Sample	RQ2507521-05	34	56
Duplicate Lab Control Sample	RQ2507521-06	30	54
Duplicate Lab Control Sample	RQ2507521-06	30	54
WG-TR1045-061325-039-JA MS	RQ2507521-09	44	61
WG-TR1045-061325-039-JA DMS	RQ2507521-10	43	63

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/13/25
Sample Matrix:	Water	**Date Received:**	06/17/25
		Date Analyzed:	06/26/25
		Date Extracted:	06/19/25

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	WG-TR1045-061325-039-JA	**Units:**	ug/L
Lab Code:	R2507066-001	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2507521-09			RQ2507521-10					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	0.50 U	6.77	9.80	69	6.95	9.80	71	32-142	3	30
Aroclor 1260	0.50 U	7.01	9.80	72	7.48	9.80	76	28-142	6	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507521-02	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	1.0	0.50	1	06/19/25 22:46	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/19/25 22:46	6/19/25	
Aroclor 1232	0.50 U	1.0	0.50	1	06/19/25 22:46	6/19/25	
Aroclor 1242	0.50 U	1.0	0.50	1	06/19/25 22:46	6/19/25	
Aroclor 1248	0.50 U	1.0	0.50	1	06/19/25 22:46	6/19/25	
Aroclor 1254	0.50 U	1.0	0.50	1	06/19/25 22:46	6/19/25	
Aroclor 1260	0.50 U	1.0	0.50	1	06/19/25 22:46	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	24	10 - 118	06/19/25 22:46	
Tetrachloro-m-xylene	54	10 - 103	06/19/25 22:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2507066
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2507521-02	**Basis:**	NA

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.50 U	1.0	0.50	1	06/20/25 16:10	6/19/25	
Aroclor 1221	1.0 U	2.0	1.0	1	06/20/25 16:10	6/19/25	
Aroclor 1232	0.50 U	1.0	0.50	1	06/20/25 16:10	6/19/25	
Aroclor 1242	0.50 U	1.0	0.50	1	06/20/25 16:10	6/19/25	
Aroclor 1248	0.50 U	1.0	0.50	1	06/20/25 16:10	6/19/25	
Aroclor 1254	0.50 U	1.0	0.50	1	06/20/25 16:10	6/19/25	
Aroclor 1260	0.50 U	1.0	0.50	1	06/20/25 16:10	6/19/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	24	10 - 118	06/20/25 16:10	
Tetrachloro-m-xylene	53	10 - 103	06/20/25 16:10	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2507066
Date Analyzed: 06/20/25

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

			Lab Control Sample RQ2507521-05			Duplicate Lab Control Sample RQ2507521-06				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	6.82	10.0	68	6.74	10.0	67	35-131	1	30
Aroclor 1260	8082A	6.72	10.0	67	6.47	10.0	65	37-141	4	30

Appendix F

Data Validation Memorandum

Data Validation Report

July 30, 2025

To	Joe Branch [joseph_branch@oxy.com]	**Contact No.**	513-285-1102
Copy to	Dennis Hoyt [DHoyt@Geosyntec.com], Sheri Finn Lindsay Osterman [Lindsay.Osterman@Geosyntec.com]	**Email**	Angela.Bown@ghd.com
From	Angela Bown/cs/27	**Project No.**	11225661
Project Name	GSHDM – Love Canal Data Mgmt		
Subject	Analytical Results and Full Validation Love Canal Annual Long Term Monitoring Program Glenn Springs Holdings, Inc. Niagara Falls, New York June 2025		

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

1. Introduction

This document details a validation of analytical results for water samples collected in support of the Annual Long Term Monitoring Program at the Love Canal Site during June 2025. Samples were submitted to ALS Laboratory located in Rochester, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Full Level IV raw data deliverables were provided by the laboratory. Evaluation of the data was based on information obtained from the finished data sheets, raw data, chain of custody forms, calibration data, blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spike (MS) samples, and field quality assurance/quality control (QA/QC) samples. The assessment of analytical and in-house data included checks for: data consistency (by observing comparability of duplicate analyses), adherence to accuracy and precision criteria, and transmittal errors.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

1. "Quality Assurance Project Plan", Appendix B of "Sampling Manual Long Term Groundwater Monitoring Program", June 2013
2. "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540 R 20 005, November 2020.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Gas Chromatography/Mass Spectrometer (GC/MS) - Tuning and Mass Calibration - Instrument Performance Checks

3.1 Organic Analyses

Prior to volatile organic compound (VOC) and semi-volatile organic compound (SVOC) analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, methods require the analysis of specific tuning compounds bromofluorobenzene (BFB) and decafluorotriphenylphosphine (DFTPP), respectively. The resulting spectra must meet the criteria cited in the methods before analysis is initiated.

Tuning compounds were analyzed at the required frequency throughout VOC and SVOC analysis periods. All tuning criteria were met indicating that proper optimization of the instrumentation was achieved.

3.2 GC Analyses

To quantify pesticides, the performance evaluation mixture (PEM) is analyzed at the beginning and end of the initial calibration sequence and throughout the analytical sequence (every 12 hours). The results of these analyses are used to evaluate dichlorodiphenyltrichloroethane (DDT)/endrin breakdown. Breakdown shall not exceed 20 percent for individual compounds or 30 percent for combined compounds.

PEM standards were analyzed at the required frequency throughout sample analysis and all method performance criteria were met.

4. Initial Calibration - Organic Analyses

4.1 GC/MS

To quantify VOCs and SVOCs of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range. Linearity of the calibration curve and instrument sensitivity are evaluated against the following criteria:

1. All relative response factors (RRFs) must be greater than or equal to the method acceptance criteria or established QAPP limits.
2. The percent relative standard deviation (%RSD) values must not exceed 20.0 percent or a minimum coefficient of determination (R^2) of 0.99 if linear and quadratic regression calibration curves are used.

The initial calibration data for VOCs and SVOCs were reviewed. All compounds met the above criteria for sensitivity and linearity.

4.2 GC - External Standard Calibration

In order to quantify organic compounds of interest by GC, calibration of the gas chromatograph over a specific concentration range must be performed. Initially, a calibration curve consisting of a minimum of five concentration levels is analyzed for all single component compounds of interest and for polychlorinated biphenyls (PCBs) (Aroclors 1016 and 1260). A single calibration standard is analyzed for all other multi response compounds. Linearity of the calibration curve are evaluated against the following criteria:

1. The percent relative standard deviation (%RSD) values are less than or equal to 20.0 percent (25.0 percent for alpha BHC and delta BHC; 30.0 percent for toxaphene), or
2. A minimum coefficient of determination (R^2) of 0.99 if linear and quadratic regression calibration curves are used.

Retention time windows are also calculated from the initial calibration analyses. These windows are then used to identify all compounds of interest in subsequent analyses.

All initial calibration standards were analyzed at the required frequencies. All retention time, peak resolution, and linearity criteria were satisfied as specified in the methods.

5. Continuing Calibration - Organic Analyses

5.1 GC/MS

To ensure that instrument calibration for VOC and SVOC analyses is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 12 hours.

The following criteria were employed to evaluate continuing calibration data:

1. All RRF values must be greater than or equal to the method acceptance criteria or established QAPP limits.
2. Percent difference (%D) or %Drift values must not exceed 20.0 percent.

Calibration standards were analyzed at the required frequency, and most results met the above criteria for instrument sensitivity and stability. Some VOCs and SVOCs demonstrated variability throughout the sample analysis periods. A summary of qualified results is presented in Table 4.

5.2 GC

To ensure that the calibration of the instrument for organic analyses by GC is valid throughout the sample analysis period, continuing calibration standards are analyzed and evaluated on a regular basis. To evaluate the continued linearity of the calibration, %D values are calculated for each compound. All %D values should not exceed 25.0 percent (30.0 percent for surrogates). To ensure that compound retention times do not vary over the analysis period, all retention times for continuing calibration compounds must fall within the established retention time windows.

All continuing calibration standards were analyzed at the required frequency. All %D values and compound retention times met the above criteria indicating acceptable instrument calibration throughout the analysis period.

6. Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per analytical batch of 20 investigative samples or less.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

7. Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC, SVOC, pesticides, and PCB determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

High surrogate recoveries do not impact any associated non-detect sample results.

Each individual surrogate compound is expected to meet the laboratory control limits with the exception of SVOC analyses. For SVOC analyses, it is generally acceptable for there to be one outlying surrogate in the base/neutral or acid fraction provided that the recovery is at least 10 percent.

Surrogate recoveries were assessed against laboratory control limits. Most surrogate recoveries were within acceptable limits or adhered to the above criteria with the exception of one pesticide surrogate recovery that was below the laboratory control limits and less than 10% recovery. All associated non-detect sample results were rejected, and all associated positive sample results were qualified as estimated to reflect the potential low bias. A summary of qualified results is presented in Table 5.

8. Internal Standards (IS) Analyses

IS data were evaluated for all VOC and SVOC sample analyses.

To ensure that changes in the GC/MS sensitivity and response do not affect sample analysis results, IS compounds are added to each sample prior to analysis. All results are then calculated as a ratio of the IS responses.

The sample IS results were evaluated against the following criteria:

1. The retention time of the IS must not vary more than ±30 seconds (+10 seconds for VOCs) from the associated calibration standard.
2. IS area counts must not vary by more than a factor of two (50 percent to +100 percent) from the associated calibration standard.

All IS recoveries and retention times met the above criteria.

9. Laboratory Control Sample Analyses

LCS or LCS/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS or LCS/LCSD were analyzed at a minimum frequency of one per analytical batch.

High LCS recoveries and/or RPD values do not impact any associated non-detect sample results.

The LCS contained all compounds of interest. Most LCS recoveries and RPD values (where applicable) were within the laboratory control limits or adhered to the above criteria with the following exceptions (see Table 6):

1. Low LCS/LCSD recoveries were observed for benzoic acid. Due to the poor analytical efficiency, the associated non-detect sample results were rejected.
2. A high RPD was observed for delta-BHC. All associated detected sample results were qualified as estimated.

10. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

If only the MS or MSD recovery was outside of control limits, no qualification of the data was performed based on the acceptable recovery of the companion spike and the acceptable RPD.

High MS/MSD recoveries and/or RPD values do not impact any associated non-detect sample results.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with all compounds of interest. Most percent recoveries and RPD values were within the laboratory control limits or met the above criteria with the exception of benzoic acid where recoveries of less than 10% were observed. Table 7 presents rejected sample data.

11. Field QA/QC Samples

The field QA/QC consisted of five trip blank samples and four field duplicate sample sets.

11.1 Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, five trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

11.2 Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, four field duplicate samples were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value.

Most field duplicate results met the above criteria, demonstrating acceptable sampling and analytical precision. Table 8 presents the qualified sample results.

12. Tentatively Identified Compounds (TICS)

Chromatographic peaks recorded during VOC and SVOC GC/MS sample analyses that are not target compounds, surrogates, or IS, are potential TICs.

A summary of the TICs reported by the laboratory is presented in Table 2. Per the "Guidelines", TICs that demonstrate a library search match of > 85 percent were qualified as presumptively present (NJ), and TICs that demonstrate a library search match of < 85 percent were reported as an unknown at an estimated quantity (J).

13. Analyte Reporting

The laboratory reported detected results down to the laboratory's sample specific method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the sample specific MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum.

Non-detect results were presented as non-detect at the RL in Table 2.

13.1 Dual Column Reporting

Pesticide and PCB analyses were performed using dual column analysis. All sample results showed good correlation between the two columns ($\leq$ 40 RPD) with the exception of delta-BHC in sample WG-TR1045-060925-005-SG. Table 9 presents the qualified sample result.

14. Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to the identification criteria established by the methods. The samples identified in Table 1 were reviewed. The organic compounds reported adhered to the specified identification criteria.

15. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific exceptions and qualifications noted herein.

Regards,



Angela Bown
Chemistry Data Validator/Analytical Coordinator - Team Lead

Table 1

Sample Collection and Analysis Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

					Analysis/Parameters				
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**	**SVOCs**	**Pesticides**	**PCBs**	**Comments**
WG-TR1045-060925-001-SG	MW-02	Groundwater	06/09/2025	09:05	X	X	X	X	
WG-TR1045-060925-003-SG	3257	Groundwater	06/09/2025	10:10	X	X	X	X	
WG-TR1045-060925-005-SG	7161	Groundwater	06/09/2025	11:20	X	X	X	X	
WG-TR1045-060925-007-SG	7205	Groundwater	06/09/2025	12:50	X	X	X	X	
WG-TR1045-060925-010-SG	7205	Groundwater	06/09/2025	12:50	X	X	X	X	FD(WG-TR1045-060925-007-SG)
WG-TR1045-060925-002-JA	MW-01	Groundwater	06/09/2025	10:15	X	X	X	X	
WG-TR1045-060925-004-JA	8106	Groundwater	06/09/2025	11:20	X	X	X	X	
WG-TR1045-060925-006-JA	7120	Groundwater	06/09/2025	12:30	X	X	X	X	
LCANNUALTRIP-060925	-	Water	06/09/2025	-	X				Trip Blank
WG-TR1045-061025-008-JA	9205	Groundwater	06/10/2025	09:00	X	X	X	X	
WG-TR1045-061025-009-SG	8210	Groundwater	06/10/2025	09:00	X	X	X	X	
WG-TR1045-061025-011-SG	6209	Groundwater	06/10/2025	10:20	X	X	X	X	MS/MSD
WG-TR1045-061025-012-JA	8110	Groundwater	06/10/2025	10:55	X	X	X	X	
WG-TR1045-061025-013-SG	9130	Groundwater	06/10/2025	11:25	X	X	X	X	
WG-TR1045-061025-014-JA	8110	Groundwater	06/10/2025	10:55	X	X	X	X	FD(WG-TR1045-061025-012-JA)
WG-TR1045-061025-015-SG	9125	Groundwater	06/10/2025	12:10	X	X	X	X	
WG-TR1045-061025-016-JA	8120	Groundwater	06/10/2025	11:55	X	X	X	X	
WG-TR1045-061025-017-SG	9120	Groundwater	06/10/2025	13:10	X	X	X	X	
WG-TR1045-061025-018-JA	8130	Groundwater	06/10/2025	13:05	X	X	X	X	
WG-TR1045-061025-019-SG	9115	Groundwater	06/10/2025	14:00	X	X	X	X	
WG-TR1045-061025-020-JA	8140	Groundwater	06/10/2025	14:00	X	X	X	X	
WG-TR1045-061025-021-SG	7130	Groundwater	06/10/2025	15:05	X	X	X	X	
WG-TR1045-061025-022-JA	9110	Groundwater	06/10/2025	15:00	X	X	X	X	
LCANNUAL-061025	-	Water	06/10/2025	-	X				Trip Blank
WG-TR1045-061125-023-SG	9210	Groundwater	06/11/2025	09:40	X	X	X	X	
WG-TR1045-061125-024-JA	10215	Groundwater	06/11/2025	10:35	X	X	X	X	
WG-TR1045-061125-025-SG	9140	Groundwater	06/11/2025	10:50	X	X	X	X	
WG-TR1045-061125-026-JA	10210C	Groundwater	06/11/2025	11:40	X	X	X	X	

Table 1

Sample Collection and Analysis Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

					Analysis/Parameters				
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**	**SVOCs**	**Pesticides**	**PCBs**	**Comments**
WG-TR1045-061125-027-SG	10205	Groundwater	06/11/2025	12:05	X	X	X	X	
WG-TR1045-061125-028-JA	10210B	Groundwater	06/11/2025	12:25	X	X	X	X	
WG-TR1045-061125-029-SG	10105	Groundwater	06/11/2025	13:20	X	X	X	X	
WG-TR1045-061125-030-JA	10210A	Groundwater	06/11/2025	13:25	X	X	X	X	
LCANNUAL-061125	-	Water	06/11/2025	-	X				Trip Blank
WG-TR1045-061225-031-SG	10178B	Groundwater	06/12/2025	10:15	X	X	X	X	
WG-TR1045-061225-032-JA	10178A	Groundwater	06/12/2025	10:20	X	X	X	X	
WG-TR1045-061225-033-SG	10278	Groundwater	06/12/2025	11:35	X	X	X	X	
WG-TR1045-061225-034-JA	10225A	Groundwater	06/12/2025	11:25	X	X	X	X	
WG-TR1045-061225-035-SG	10278	Groundwater	06/12/2025	11:35	X	X	X	X	FD(WG-TR1045-061225-033-SG)
WG-TR1045-061225-036-JA	10225B	Groundwater	06/12/2025	12:55	X	X	X	X	
WG-TR1045-061225-037-SG	10174A	Groundwater	06/12/2025	14:05	X	X	X	X	
WG-TR1045-061225-038-JA	10225C	Groundwater	06/12/2025	14:05	X	X	X	X	
LCANNUAL-061225	-	Water	06/12/2025	-	X				Trip Blank
WG-TR1045-061325-039-JA	10270	Groundwater	06/13/2025	08:20	X	X	X	X	MS/MSD
WG-TR1045-061325-040-JA	10272	Groundwater	06/13/2025	09:40	X	X	X	X	
WG-TR1045-061325-041-JA	7132	Groundwater	06/13/2025	12:25	X	X	X	X	
WG-TR1045-061325-042-JA	7155	Groundwater	06/13/2025	13:35	X	X	X	X	
LCANNUALTRIP-061325	-	Water	06/13/2025	-	X				Trip Blank
WG-TR1045-061625-043-SG	5221	Groundwater	06/16/2025	09:25	X	X	X	X	
WG-TR1045-061625-044-JA	10147	Groundwater	06/16/2025	08:55	X	X	X	X	
WG-TR1045-061625-045-JA	10135	Groundwater	06/16/2025	10:00	X	X	X	X	
WG-TR1045-061625-046-JA	10135	Groundwater	06/16/2025	10:00	X	X	X	X	FD(WG-TR1045-061625-045-JA)

Notes:

- - Not applicable
FD - Field duplicate of sample in parenthesis
MS/MSD - Matrix Spike/Matrix Spike Duplicate
PCBs - Polychlorinated Biphenyls
SVOCs - Semi-volatile Organic Compounds
VOCs - Volatile Organic Compounds

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**3257**	**5221**	**6209**	**7120**	**7130**	**7132**	**7155**
	Sample Name:	**WG-TR1045-060925-003-SG**	**WG-TR1045-061625-043-SG**	**WG-TR1045-061025-011-SG**	**WG-TR1045-060925-006-JA**	**WG-TR1045-061025-021-SG**	**WG-TR1045-061325-041-JA**	**WG-TR1045-061325-042-JA**
	Sample Date:	**06/09/2025**	**06/16/2025**	**06/10/2025**	**06/09/2025**	**06/10/2025**	**06/13/2025**	**06/13/2025**
Parameters	**Unit**							
Volatile Organic Compounds								
(2-Aziridinylethyl)amine A	µg/L	--	--	--	--	--	--	--
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trichlorobenzene A	µg/L	--	--	--	--	--	--	--
1,4-Dichlorobenzene A	µg/L	--	--	--	--	--	--	--
1-Bromo-3-fluoro-benzene A	µg/L	--	--	--	--	--	--	--
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--	--
2-(Methylthio)-propane A	µg/L	--	--	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--	--
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylbutane A	µg/L	--	--	--	--	--	--	--
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide A	µg/L	--	--	--	--	--	--	--
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclopentane A	µg/L	--	--	--	--	--	--	--
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl disulfide A	µg/L	--	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--	--
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylcyclopropane A	µg/L	--	--	--	--	--	--	--
Furan, tetrahydro-2,5-dimethyl	µg/L	--	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--	--
Isopropylsulfonyl chloride A	µg/L	--	--	--	--	--	--	--
m-Monochlorobenzotrifluoride A	µg/L	--	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**3257**	**5221**	**6209**	**7120**	**7130**	**7132**	**7155**
	Sample Name:	**WG-TR1045-060925-003-SG**	**WG-TR1045-061625-043-SG**	**WG-TR1045-061025-011-SG**	**WG-TR1045-060925-006-JA**	**WG-TR1045-061025-021-SG**	**WG-TR1045-061325-041-JA**	**WG-TR1045-061325-042-JA**
	Sample Date:	**06/09/2025**	**06/16/2025**	**06/10/2025**	**06/09/2025**	**06/10/2025**	**06/13/2025**	**06/13/2025**
Parameters	**Unit**							
Volatile Organic Compounds								
Methyl ethyl sulfide	µg/L	--	--	--	--	--	--	--
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylthioethane A	µg/L	--	--	--	--	--	--	--
Neopentane A	µg/L	--	--	--	--	--	--	--
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfur dioxide (SO2) A	µg/L	--	--	5.5 NJ	2.1 NJ	--	--	--
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--	--
Tetrahydro-2H-pyran A	µg/L	--	--	--	--	--	--	--
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	µg/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	µg/L	9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	µg/L	49 UJ	49 U	49 U	49 UJ	49 U	49 U	49 U
2,4-Dinitrotoluene	µg/L	9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	µg/L	9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	µg/L	9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	µg/L	9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	µg/L	49 UJ	49 U	49 U	49 UJ	49 U	49 U	49 U
4-Bromophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**3257**	**5221**	**6209**	**7120**	**7130**	**7132**	**7155**
	Sample Name:	**WG-TR1045-060925-003-SG**	**WG-TR1045-061625-043-SG**	**WG-TR1045-061025-011-SG**	**WG-TR1045-060925-006-JA**	**WG-TR1045-061025-021-SG**	**WG-TR1045-061325-041-JA**	**WG-TR1045-061325-042-JA**
	Sample Date:	**06/09/2025**	**06/16/2025**	**06/10/2025**	**06/09/2025**	**06/10/2025**	**06/13/2025**	**06/13/2025**
Parameters	**Unit**							
Semivolatile Organic Compounds								
4-Nitroaniline	µg/L	9.8 UJ	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U
4-Nitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Acenaphthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	µg/L	49 U	49 U	R	49 U	49 U	49 U	49 U
Benzyl alcohol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 UJ	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Chrysene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	µg/L	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 UJ	9.8 U	9.8 U
Dibenz(a,h)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	µg/L	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ
Hexachloroethane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Phenanthrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**3257**	**5221**	**6209**	**7120**	**7130**	**7132**	**7155**
	Sample Name:	**WG-TR1045-060925-003-SG**	**WG-TR1045-061625-043-SG**	**WG-TR1045-061025-011-SG**	**WG-TR1045-060925-006-JA**	**WG-TR1045-061025-021-SG**	**WG-TR1045-061325-041-JA**	**WG-TR1045-061325-042-JA**
	Sample Date:	**06/09/2025**	**06/16/2025**	**06/10/2025**	**06/09/2025**	**06/10/2025**	**06/13/2025**	**06/13/2025**
Parameters	**Unit**							
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Pesticides								
4,4'-DDD	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Dieldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	7161	7205	7205	8106	8110	8110	8120
	Sample Name:	WG-TR1045-060925-005-SG	WG-TR1045-060925-007-SG	WG-TR1045-060925-010-SG	WG-TR1045-060925-004-JA	WG-TR1045-061025-012-JA	WG-TR1045-061025-014-JA	WG-TR1045-061025-016-JA
	Sample Date:	06/09/2025	06/09/2025	06/09/2025	06/09/2025	06/10/2025	06/10/2025	06/10/2025
				Duplicate			Duplicate	
Parameters	**Unit**							
Volatile Organic Compounds								
(2-Aziridinylethyl)amine A	µg/L	--	--	--	--	--	--	--
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trichlorobenzene A	µg/L	--	--	--	--	--	--	--
1,4-Dichlorobenzene A	µg/L	--	--	--	--	--	--	--
1-Bromo-3-fluoro-benzene A	µg/L	--	--	--	--	--	--	--
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--	--
2-(Methylthio)-propane A	µg/L	--	--	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--	--
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylbutane A	µg/L	--	--	--	--	--	--	--
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide A	µg/L	--	--	--	--	--	--	--
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclopentane A	µg/L	--	--	--	--	--	--	--
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl disulfide A	µg/L	--	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--	--
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylcyclopropane A	µg/L	--	--	--	--	--	--	--
Furan, tetrahydro-2,5-dimethyl	µg/L	--	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--	--
Isopropylsulfonyl chloride A	µg/L	--	--	--	--	--	--	--
m-Monochlorobenzotrifluoride A	µg/L	--	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	7161	7205	7205	8106	8110	8110	8120
	Sample Name:	WG-TR1045-060925-005-SG	WG-TR1045-060925-007-SG	WG-TR1045-060925-010-SG	WG-TR1045-060925-004-JA	WG-TR1045-061025-012-JA	WG-TR1045-061025-014-JA	WG-TR1045-061025-016-JA
	Sample Date:	06/09/2025	06/09/2025	06/09/2025	06/09/2025	06/10/2025	06/10/2025	06/10/2025
				Duplicate			Duplicate	
Parameters	**Unit**							
Volatile Organic Compounds								
Methyl ethyl sulfide	µg/L	--	--	--	--	--	--	--
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylthioethane A	µg/L	--	--	--	--	--	--	--
Neopentane A	µg/L	--	--	--	--	--	--	--
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfur dioxide (SO2) A	µg/L	--	--	1.6 NJ	0.9 NJ	4.8 NJ	5.0 NJ	1.4 NJ
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--	--
Tetrahydro-2H-pyran A	µg/L	--	--	--	--	--	--	--
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	µg/L	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	µg/L	49 UJ	49 UJ	49 UJ	49 UJ	49 U	49 U	49 U
2,4-Dinitrotoluene	µg/L	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	µg/L	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	µg/L	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	µg/L	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	µg/L	49 UJ	49 UJ	49 UJ	49 UJ	49 U	49 U	49 U
4-Bromophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	7161	7205	7205	8106	8110	8110	8120
	Sample Name:	WG-TR1045-060925-005-SG	WG-TR1045-060925-007-SG	WG-TR1045-060925-010-SG	WG-TR1045-060925-004-JA	WG-TR1045-061025-012-JA	WG-TR1045-061025-014-JA	WG-TR1045-061025-016-JA
	Sample Date:	06/09/2025	06/09/2025	06/09/2025	06/09/2025	06/10/2025	06/10/2025	06/10/2025
				Duplicate			Duplicate	
Parameters	**Unit**							
Semivolatile Organic Compounds								
4-Nitroaniline	µg/L	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U
4-Nitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Acenaphthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Benzyl alcohol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ	9.8 UJ
Butyl benzylphthalate (BBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Chrysene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ	9.8 UJ
Dibenz(a,h)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachloroethane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Phenanthrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	7161	7205	7205	8106	8110	8110	8120
	Sample Name:	WG-TR1045-060925-005-SG	WG-TR1045-060925-007-SG	WG-TR1045-060925-010-SG	WG-TR1045-060925-004-JA	WG-TR1045-061025-012-JA	WG-TR1045-061025-014-JA	WG-TR1045-061025-016-JA
	Sample Date:	06/09/2025	06/09/2025	06/09/2025	06/09/2025	06/10/2025	06/10/2025	06/10/2025
				Duplicate			Duplicate	
Parameters	**Unit**							
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.96 U	1.0 U	0.98 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.96 U	1.0 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.96 U	1.0 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.96 U	1.0 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.96 U	1.0 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.96 U	1.0 U	0.98 U
Pesticides								
4,4'-DDD	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
4,4'-DDE	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
4,4'-DDT	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Aldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
alpha-BHC	µg/L	0.043 J	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
alpha-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
beta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.025 J	0.052 U	0.049 U
delta-BHC	µg/L	0.025 J	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Dieldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Endosulfan I	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Endosulfan II	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Endosulfan sulfate	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Endrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Endrin ketone	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
gamma-BHC (lindane)	µg/L	0.043 J	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
gamma-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Heptachlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Heptachlor epoxide	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.048 U	0.052 U	0.049 U
Methoxychlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.034 J	0.052 U	0.049 U
Toxaphene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.53 U	0.50 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**8130**	**8140**	**8210**	**9110**	**9115**	**9120**	**9125**
	Sample Name:	**WG-TR1045-061025-018-JA**	**WG-TR1045-061025-020-JA**	**WG-TR1045-061025-009-SG**	**WG-TR1045-061025-022-JA**	**WG-TR1045-061025-019-SG**	**WG-TR1045-061025-017-SG**	**WG-TR1045-061025-015-SG**
	Sample Date:	**06/10/2025**	**06/10/2025**	**06/10/2025**	**06/10/2025**	**06/10/2025**	**06/10/2025**	**06/10/2025**
Parameters	**Unit**							
Volatile Organic Compounds								
(2-Aziridinylethyl)amine A	µg/L	--	--	--	--	--	--	--
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trichlorobenzene A	µg/L	--	--	--	--	--	--	--
1,4-Dichlorobenzene A	µg/L	--	--	--	--	--	--	--
1-Bromo-3-fluoro-benzene A	µg/L	--	--	--	--	--	--	--
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--	--
2-(Methylthio)-propane A	µg/L	--	--	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--	--
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylbutane A	µg/L	--	--	--	--	--	--	--
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide A	µg/L	--	--	--	--	--	--	--
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclopentane A	µg/L	--	--	--	--	--	--	--
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl disulfide A	µg/L	--	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--	--
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylcyclopropane A	µg/L	--	--	--	--	--	--	--
Furan, tetrahydro-2,5-dimethyl	µg/L	--	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--	--
Isopropylsulfonyl chloride A	µg/L	--	--	--	--	--	--	--
m-Monochlorobenzotrifluoride A	µg/L	--	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		**8130**	**8140**	**8210**	**9110**	**9115**	**9120**	**9125**
Sample Name:		**WG-TR1045-061025-018-JA**	**WG-TR1045-061025-020-JA**	**WG-TR1045-061025-009-SG**	**WG-TR1045-061025-022-JA**	**WG-TR1045-061025-019-SG**	**WG-TR1045-061025-017-SG**	**WG-TR1045-061025-015-SG**
Sample Date:		**06/10/2025**	**06/10/2025**	**06/10/2025**	**06/10/2025**	**06/10/2025**	**06/10/2025**	**06/10/2025**
Parameters	**Unit**							
Volatile Organic Compounds								
Methyl ethyl sulfide	µg/L	--	--	--	--	--	--	--
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylthioethane A	µg/L	--	--	--	--	--	--	--
Neopentane A	µg/L	--	--	--	--	--	--	--
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfur dioxide (SO2) A	µg/L	--	0.9 NJ	5.1 NJ	--	1.0 NJ	--	1.5 NJ
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--	--
Tetrahydro-2H-pyran A	µg/L	--	--	--	--	--	--	--
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	µg/L	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
2,4-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
4-Bromophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	8130	8140	8210	9110	9115	9120	9125
	Sample Name:	WG-TR1045-061025-018-JA	WG-TR1045-061025-020-JA	WG-TR1045-061025-009-SG	WG-TR1045-061025-022-JA	WG-TR1045-061025-019-SG	WG-TR1045-061025-017-SG	WG-TR1045-061025-015-SG
	Sample Date:	06/10/2025	06/10/2025	06/10/2025	06/10/2025	06/10/2025	06/10/2025	06/10/2025
Parameters	**Unit**							
Semivolatile Organic Compounds								
4-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Acenaphthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Benzyl alcohol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ
Butyl benzylphthalate (BBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Chrysene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	µg/L	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ	9.8 UJ
Dibenz(a,h)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachloroethane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Phenanthrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	8130	8140	8210	9110	9115	9120	9125
	Sample Name:	WG-TR1045-061025-018-JA	WG-TR1045-061025-020-JA	WG-TR1045-061025-009-SG	WG-TR1045-061025-022-JA	WG-TR1045-061025-019-SG	WG-TR1045-061025-017-SG	WG-TR1045-061025-015-SG
	Sample Date:	06/10/2025	06/10/2025	06/10/2025	06/10/2025	06/10/2025	06/10/2025	06/10/2025
Parameters	**Unit**							
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Pesticides								
4,4'-DDD	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Dieldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**9130**	**9140**	**9205**	**9210**	**10105**	**10135**	**10135**
	Sample Name:	**WG-TR1045-061025-013-SG**	**WG-TR1045-061125-025-SG**	**WG-TR1045-061025-008-JA**	**WG-TR1045-061125-023-SG**	**WG-TR1045-061125-029-SG**	**WG-TR1045-061625-045-JA**	**WG-TR1045-061625-046-JA**
	Sample Date:	**06/10/2025**	**06/11/2025**	**06/10/2025**	**06/11/2025**	**06/11/2025**	**06/16/2025**	**06/16/2025**
								Duplicate
Parameters	**Unit**							
Volatile Organic Compounds								
(2-Aziridinylethyl)amine A	µg/L	--	34.5 NJ	--	28.1 NJ	28.6 NJ	--	--
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
1,3,5-Trichlorobenzene A	µg/L	--	--	--	--	--	--	--
1,4-Dichlorobenzene A	µg/L	--	--	--	--	--	--	--
1-Bromo-3-fluoro-benzene A	µg/L	--	--	--	--	--	--	--
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--	--
2-(Methylthio)-propane A	µg/L	--	--	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1300 U	1300 U
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--	--
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1300 U	1300 U
2-Methylbutane A	µg/L	--	--	--	--	--	--	--
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1300 U	1300 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1300 U	1300 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6700	6800
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Carbon disulfide A	µg/L	--	--	--	--	--	--	--
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2600	2500
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Cyclopentane A	µg/L	--	--	--	--	--	--	--
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Dimethyl disulfide A	µg/L	--	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--	--
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Ethylcyclopropane A	µg/L	--	--	--	--	--	--	--
Furan, tetrahydro-2,5-dimethyl	µg/L	--	1.9 NJ	--	--	--	--	--
Isobutane A	µg/L	--	--	--	1.8 NJ	--	--	--
Isopropylsulfonyl chloride A	µg/L	--	--	--	--	--	--	--
m-Monochlorobenzotrifluoride A	µg/L	--	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**9130**	**9140**	**9205**	**9210**	**10105**	**10135**	**10135**
	Sample Name:	**WG-TR1045-061025-013-SG**	**WG-TR1045-061125-025-SG**	**WG-TR1045-061025-008-JA**	**WG-TR1045-061125-023-SG**	**WG-TR1045-061125-029-SG**	**WG-TR1045-061625-045-JA**	**WG-TR1045-061625-046-JA**
	Sample Date:	**06/10/2025**	**06/11/2025**	**06/10/2025**	**06/11/2025**	**06/11/2025**	**06/16/2025**	**06/16/2025**
								Duplicate
Parameters	**Unit**							
Volatile Organic Compounds								
Methyl ethyl sulfide	µg/L	--	--	--	--	--	--	--
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Methylthioethane A	µg/L	--	--	--	--	--	--	--
Neopentane A	µg/L	--	--	--	4.9 NJ	--	--	--
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Sulfur dioxide (SO2) A	µg/L	2.9 NJ	--	--	--	1.2 NJ	--	--
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Tetrahydro-2-methyl-furan A	µg/L	--	26.0 NJ	--	--	--	--	--
Tetrahydro-2H-pyran A	µg/L	--	1.0 NJ	--	--	--	--	--
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	24000	24000
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Vinyl acetate	µg/L	2.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	500 UJ	500 UJ
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 U	250 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	750 U	750 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	27 J	14 J
1,2-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	26 J	13 J
1,3-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	74 J	36 J
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	4.7 J	2.8 J
2,4-Dimethylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	4.7 J	9.8 U
2,4-Dinitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
2,4-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	6.6 J	3.6 J
2-Methylnaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	22 J	11 J
2-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	84 J	41 J
3,3'-Dichlorobenzidine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
4-Bromophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	18	8.6 J
4-Chloroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		9130	9140	9205	9210	10105	10135	10135
Sample Name:		WG-TR1045-061025-013-SG	WG-TR1045-061125-025-SG	WG-TR1045-061025-008-JA	WG-TR1045-061125-023-SG	WG-TR1045-061125-029-SG	WG-TR1045-061625-045-JA	WG-TR1045-061625-046-JA
Sample Date:		06/10/2025	06/11/2025	06/10/2025	06/11/2025	06/11/2025	06/16/2025	06/16/2025
								Duplicate
Parameters	**Unit**							
Semivolatile Organic Compounds								
4-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Acenaphthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	µg/L	49 U	R	49 U	R	R	390 J	230 J
Benzyl alcohol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	11	6.5 J
bis(2-Chloroethoxy)methane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	9.8 UJ	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Chrysene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	µg/L	9.8 UJ	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ
Hexachloroethane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U	49 U
Phenanthrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	41 J	21 J
Pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	9130	9140	9205	9210	10105	10135	10135
	Sample Name:	WG-TR1045-061025-013-SG	WG-TR1045-061125-025-SG	WG-TR1045-061025-008-JA	WG-TR1045-061125-023-SG	WG-TR1045-061125-029-SG	WG-TR1045-061625-045-JA	WG-TR1045-061625-046-JA
	Sample Date:	06/10/2025	06/11/2025	06/10/2025	06/11/2025	06/11/2025	06/16/2025	06/16/2025
								Duplicate
Parameters	**Unit**							
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	µg/L	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Pesticides								
4,4'-DDD	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
4,4'-DDE	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
4,4'-DDT	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Aldrin	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.15
alpha-BHC	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	5.0 J-	4.3
alpha-Chlordane	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
beta-BHC	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	0.92 J-	0.92
delta-BHC	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	3.7 J-	3.9
Dieldrin	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Endosulfan I	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Endosulfan II	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Endosulfan sulfate	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Endrin	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Endrin ketone	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
gamma-BHC (lindane)	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	0.26 J	0.049 UJ
gamma-Chlordane	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Heptachlor	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Heptachlor epoxide	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Methoxychlor	µg/L	0.052 U	0.049 U	0.049 U	0.049 U	0.049 U	R	0.049 U
Toxaphene	µg/L	0.53 U	0.50 U	0.50 U	0.50 U	0.50 U	R	0.50 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		10147	10174A	10178A	10178B	10205	10210A
Sample Name:		WG-TR1045-061625-044-JA	WG-TR1045-061225-037-SG	WG-TR1045-061225-032-JA	WG-TR1045-061225-031-SG	WG-TR1045-061125-027-SG	WG-TR1045-061125-030-JA
Sample Date:		06/16/2025	06/12/2025	06/12/2025	06/12/2025	06/11/2025	06/11/2025
Parameters	**Unit**						
Volatile Organic Compounds							
(2-Aziridinylethyl)amine A	µg/L	--	33.8 NJ	34.9 NJ	32.2 NJ	20.6 NJ	13.7 NJ
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trichlorobenzene A	µg/L	--	--	--	--	--	--
1,4-Dichlorobenzene A	µg/L	--	--	--	--	--	--
1-Bromo-3-fluoro-benzene A	µg/L	--	--	--	--	--	--
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
2-(Methylthio)-propane A	µg/L	--	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	11.4 NJ
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylbutane A	µg/L	--	--	--	--	--	--
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide A	µg/L	--	--	--	--	--	--
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclopentane A	µg/L	--	--	--	--	--	--
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl disulfide A	µg/L	--	--	--	--	--	5.4 NJ
Dimethyl sulfide A	µg/L	--	--	--	--	--	285.3 NJ
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylcyclopropane A	µg/L	--	--	--	--	--	--
Furan, tetrahydro-2,5-dimethyl	µg/L	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--
Isopropylsulfonyl chloride A	µg/L	--	--	--	--	--	--
m-Monochlorobenzotrifluoride A	µg/L	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	49.2 NJ

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		10147	10174A	10178A	10178B	10205	10210A
Sample Name:		WG-TR1045-061625-044-JA	WG-TR1045-061225-037-SG	WG-TR1045-061225-032-JA	WG-TR1045-061225-031-SG	WG-TR1045-061125-027-SG	WG-TR1045-061125-030-JA
Sample Date:		06/16/2025	06/12/2025	06/12/2025	06/12/2025	06/11/2025	06/11/2025
Parameters	**Unit**						
Volatile Organic Compounds							
Methyl ethyl sulfide	µg/L	--	--	--	--	--	23.4 NJ
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylthioethane A	µg/L	--	--	--	--	--	--
Neopentane A	µg/L	--	--	--	--	--	--
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfur dioxide (SO2) A	µg/L	--	--	--	--	3.0 NJ	9.5 NJ
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--
Tetrahydro-2H-pyran A	µg/L	--	--	--	--	--	--
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.32 J
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	µg/L	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
2,4-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
4-Bromophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		10147	10174A	10178A	10178B	10205	10210A
Sample Name:		WG-TR1045-061625-044-JA	WG-TR1045-061225-037-SG	WG-TR1045-061225-032-JA	WG-TR1045-061225-031-SG	WG-TR1045-061125-027-SG	WG-TR1045-061125-030-JA
Sample Date:		06/16/2025	06/12/2025	06/12/2025	06/12/2025	06/11/2025	06/11/2025
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
Acenaphthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	µg/L	49 U	R	R	R	R	R
Benzyl alcohol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Chrysene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	1.9 J
Dimethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	µg/L	9.8 UJ	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachloroethane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
Phenanthrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		**10147**	**10174A**	**10178A**	**10178B**	**10205**	**10210A**
Sample Name:		**WG-TR1045-061625-044-JA**	**WG-TR1045-061225-037-SG**	**WG-TR1045-061225-032-JA**	**WG-TR1045-061225-031-SG**	**WG-TR1045-061125-027-SG**	**WG-TR1045-061125-030-JA**
Sample Date:		**06/16/2025**	**06/12/2025**	**06/12/2025**	**06/12/2025**	**06/11/2025**	**06/11/2025**
Parameters	**Unit**						
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Pesticides							
4,4'-DDD	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	µg/L	0.049 U	0.049 U	0.035 J	0.042 J	0.049 U	0.049 U
alpha-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	µg/L	0.049 U	0.049 U	0.023 J	0.024 J	0.049 U	0.049 U
Dieldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	µg/L	0.049 U	0.049 U	0.045 J	0.041 J	0.049 U	0.049 U
gamma-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		**10210B**	**10210C**	**10215**	**10225A**	**10225B**	**10225C**
Sample Name:		**WG-TR1045-061125-028-JA**	**WG-TR1045-061125-026-JA**	**WG-TR1045-061125-024-JA**	**WG-TR1045-061225-034-JA**	**WG-TR1045-061225-036-JA**	**WG-TR1045-061225-038-JA**
Sample Date:		**06/11/2025**	**06/11/2025**	**06/11/2025**	**06/12/2025**	**06/12/2025**	**06/12/2025**
Parameters	**Unit**						
Volatile Organic Compounds							
(2-Aziridinylethyl)amine A	µg/L	23.3 NJ	26.5 NJ	26.1 NJ	--	--	24.3 NJ
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trichlorobenzene A	µg/L	--	--	--	--	--	2.2 NJ
1,4-Dichlorobenzene A	µg/L	--	--	--	--	--	0.6 NJ
1-Bromo-3-fluoro-benzene A	µg/L	--	--	--	35.7 NJ	--	--
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	3.8 NJ
2-(Methylthio)-propane A	µg/L	--	--	--	3.6 NJ	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Ethyl-1-hexanol A	µg/L	3.2 NJ	--	--	--	2.1 NJ	--
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylbutane A	µg/L	--	--	--	--	--	3.9 NJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.58 J	1.0 U
Carbon disulfide A	µg/L	--	--	--	17.6 NJ	--	--
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.92 J
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.8
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclopentane A	µg/L	--	--	--	--	--	--
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl disulfide A	µg/L	--	--	--	5.1 NJ	--	--
Dimethyl sulfide A	µg/L	--	--	--	384.4 NJ	--	--
Dimethyl trisulfide A	µg/L	--	--	--	3.1 NJ	--	--
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylcyclopropane A	µg/L	--	--	--	--	--	--
Furan, tetrahydro-2,5-dimethyl	µg/L	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--
Isopropylsulfonyl chloride A	µg/L	--	--	--	--	--	9.8 NJ
m-Monochlorobenzotrifluoride A	µg/L	--	--	--	--	--	3.9 NJ
Methanethiol A	µg/L	--	--	--	339.5 NJ	--	--

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	10210B	10210C	10215	10225A	10225B	10225C
	Sample Name:	WG-TR1045-061125-028-JA	WG-TR1045-061125-026-JA	WG-TR1045-061125-024-JA	WG-TR1045-061225-034-JA	WG-TR1045-061225-036-JA	WG-TR1045-061225-038-JA
	Sample Date:	06/11/2025	06/11/2025	06/11/2025	06/12/2025	06/12/2025	06/12/2025
Parameters	**Unit**						
Volatile Organic Compounds							
Methyl ethyl sulfide	µg/L	--	--	--	--	--	--
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylthioethane A	µg/L	--	--	--	35.7 NJ	--	--
Neopentane A	µg/L	--	--	--	--	--	--
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfur dioxide (SO2) A	µg/L	3.4 NJ	2.5 NJ	1.8 NJ	5.0 NJ	2.6 NJ	--
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--
Tetrahydro-2H-pyran A	µg/L	--	--	--	--	--	--
Toluene	µg/L	1.0 U	1.0 U	1.0 U	0.34 J	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3
Vinyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	2.9 J
1,2-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
2,4-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,6-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chloronaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3&4-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4,6-Dinitro-2-methylphenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
4-Bromophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	10210B	10210C	10215	10225A	10225B	10225C
	Sample Name:	WG-TR1045-061125-028-JA	WG-TR1045-061125-026-JA	WG-TR1045-061125-024-JA	WG-TR1045-061225-034-JA	WG-TR1045-061225-036-JA	WG-TR1045-061225-038-JA
	Sample Date:	06/11/2025	06/11/2025	06/11/2025	06/12/2025	06/12/2025	06/12/2025
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Nitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
Acenaphthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	µg/L	R	R	R	R	R	R
Benzyl alcohol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Chrysene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	µg/L	1.3 J	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachloroethane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
Phenanthrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		**10210B**	**10210C**	**10215**	**10225A**	**10225B**	**10225C**
Sample Name:		**WG-TR1045-061125-028-JA**	**WG-TR1045-061125-026-JA**	**WG-TR1045-061125-024-JA**	**WG-TR1045-061225-034-JA**	**WG-TR1045-061225-036-JA**	**WG-TR1045-061225-038-JA**
Sample Date:		**06/11/2025**	**06/11/2025**	**06/11/2025**	**06/12/2025**	**06/12/2025**	**06/12/2025**
Parameters	**Unit**						
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Pesticides							
4,4'-DDD	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.087	0.049 U	0.037 J
alpha-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.025 J	0.049 U	0.049 U
Dieldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	µg/L	0.049 U	0.049 U	0.049 U	0.059	0.049 U	0.049 U
gamma-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**10270**	**10272**	**10278**	**10278**	**MW-01**	**MW-02**
	Sample Name:	**WG-TR1045-061325-039-JA**	**WG-TR1045-061325-040-JA**	**WG-TR1045-061225-033-SG**	**WG-TR1045-061225-035-SG**	**WG-TR1045-060925-002-JA**	**WG-TR1045-060925-001-SG**
	Sample Date:	**06/13/2025**	**06/13/2025**	**06/12/2025**	**06/12/2025**	**06/09/2025**	**06/09/2025**
					Duplicate		
Parameters	**Unit**						
Volatile Organic Compounds							
(2-Aziridinylethyl)amine A	µg/L	--	--	22.2 NJ	18.9 NJ	--	--
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trichlorobenzene A	µg/L	--	--	--	--	--	--
1,4-Dichlorobenzene A	µg/L	--	--	--	--	--	--
1-Bromo-3-fluoro-benzene A	µg/L	--	--	0.8 NJ	--	--	--
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
2-(Methylthio)-propane A	µg/L	--	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylbutane A	µg/L	--	--	--	--	--	--
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.73 J	1.0 U
Carbon disulfide A	µg/L	--	--	--	--	--	--
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclopentane A	µg/L	--	--	--	--	--	--
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dimethyl disulfide A	µg/L	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylcyclopropane A	µg/L	--	--	--	--	--	--
Furan, tetrahydro-2,5-dimethyl	µg/L	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--
Isopropylsulfonyl chloride A	µg/L	--	--	--	--	--	--
m-Monochlorobenzotrifluoride A	µg/L	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		**10270**	**10272**	**10278**	**10278**	**MW-01**	**MW-02**
Sample Name:		**WG-TR1045-061325-039-JA**	**WG-TR1045-061325-040-JA**	**WG-TR1045-061225-033-SG**	**WG-TR1045-061225-035-SG**	**WG-TR1045-060925-002-JA**	**WG-TR1045-060925-001-SG**
Sample Date:		**06/13/2025**	**06/13/2025**	**06/12/2025**	**06/12/2025**	**06/09/2025**	**06/09/2025**
					Duplicate		
Parameters	**Unit**						
Volatile Organic Compounds							
Methyl ethyl sulfide	µg/L	--	--	--	--	--	--
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylthioethane A	µg/L	--	--	--	--	--	--
Neopentane A	µg/L	--	--	--	--	--	--
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfur dioxide (SO2) A	µg/L	--	--	1.6 NJ	2.3 NJ	1.4 NJ	--
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--
Tetrahydro-2H-pyran A	µg/L	--	--	--	--	--	--
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	µg/L	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 UJ
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,2-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,3-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
1,4-Dichlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,5-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4,6-Trichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ
2,4-Dichlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dimethylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2,4-Dinitrophenol	µg/L	49 U	49 U	49 U	49 U	49 UJ	49 UJ
2,4-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ
2,6-Dinitrotoluene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ
2-Chloronaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Chlorophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylnaphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
2-Nitrophenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ
3&4-Methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3,3'-Dichlorobenzidine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
3-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ
4,6-Dinitro-2-methylphenol	µg/L	49 U	49 U	49 U	49 U	49 UJ	49 UJ
4-Bromophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloro-3-methylphenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chloroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
4-Chlorophenyl phenyl ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Location ID:		10270	10272	10278	10278	MW-01	MW-02
Sample Name:		WG-TR1045-061325-039-JA	WG-TR1045-061325-040-JA	WG-TR1045-061225-033-SG	WG-TR1045-061225-035-SG	WG-TR1045-060925-002-JA	WG-TR1045-060925-001-SG
Sample Date:		06/13/2025	06/13/2025	06/12/2025	06/12/2025	06/09/2025	06/09/2025
					Duplicate		
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Nitroaniline	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 UJ	9.8 UJ
4-Nitrophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
Acenaphthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Acenaphthylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(a)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(b)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(g,h,i)perylene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzo(k)fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Benzoic acid	µg/L	R	49 U	R	R	49 U	49 U
Benzyl alcohol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethoxy)methane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Chloroethyl)ether	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Butyl benzylphthalate (BBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Chrysene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-butylphthalate (DBP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Di-n-octyl phthalate (DnOP)	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenz(a,h)anthracene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dibenzofuran	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Diethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Dimethyl phthalate	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluoranthene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Fluorene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorobutadiene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Hexachlorocyclopentadiene	µg/L	9.8 UJ	9.8 UJ	9.8 U	9.8 U	9.8 U	9.8 U
Hexachloroethane	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Indeno(1,2,3-cd)pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Isophorone	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodi-n-propylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
N-Nitrosodiphenylamine	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Naphthalene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Nitrobenzene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pentachlorophenol	µg/L	49 U	49 U	49 U	49 U	49 U	49 U
Phenanthrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Phenol	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
Pyrene	µg/L	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

	Location ID:	**10270**	**10272**	**10278**	**10278**	**MW-01**	**MW-02**
	Sample Name:	**WG-TR1045-061325-039-JA**	**WG-TR1045-061325-040-JA**	**WG-TR1045-061225-033-SG**	**WG-TR1045-061225-035-SG**	**WG-TR1045-060925-002-JA**	**WG-TR1045-060925-001-SG**
	Sample Date:	**06/13/2025**	**06/13/2025**	**06/12/2025**	**06/12/2025**	**06/09/2025**	**06/09/2025**
					Duplicate		
Parameters	**Unit**						
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Pesticides							
4,4'-DDD	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDE	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
4,4'-DDT	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Aldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
alpha-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
beta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
delta-BHC	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Dieldrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan I	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan II	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endosulfan sulfate	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Endrin ketone	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-BHC (lindane)	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
gamma-Chlordane	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Heptachlor epoxide	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Methoxychlor	µg/L	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
Toxaphene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Notes:

U - Not detected at the associated reporting limit
PCBs - Polychlorinated Biphenyls
UJ - Not detected; associated reporting limit is estimated
-- - Not applicable
R - Rejected
J - Estimated concentration
NJ - Tentatively identified compound; estimated concentration
J- - Estimated concentration; result may be biased low

Table 3

Analytical Methods
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260D	Water	-	14
Semi-volatile Organic Compounds (SVOCs)	SW-846 8270E	Water	7	40
Organochlorine Pesticides	SW-846 8081B	Water	7	40
Polychlorinated Biphenyls (PCBs)	SW-846 8082A	Water	365	40

Note:

- - Not applicable

Method Reference:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Table 4

Qualified Sample Results Due to Outlying Continuing Calibration Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
VOCs	Acetone	06/17/2025	21.6	WG-TR1045-060925-001-SG	5.0 UJ	µg/L
				WG-TR1045-060925-003-SG	5.0 UJ	µg/L
VOCs	Bromomethane (Methyl bromide)	06/17/2025	56.4	WG-TR1045-060925-001-SG	1.0 UJ	µg/L
				WG-TR1045-060925-003-SG	1.0 UJ	µg/L
VOCs	Vinyl acetate	06/17/2025	27.6	WG-TR1045-060925-001-SG	2.0 UJ	µg/L
				WG-TR1045-060925-003-SG	2.0 UJ	µg/L
VOCs	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	06/19/2025	21	WG-TR1045-060925-007-SG	5.0 UJ	µg/L
				WG-TR1045-060925-010-SG	5.0 UJ	µg/L
				WG-TR1045-060925-005-SG	5.0 UJ	µg/L
				WG-TR1045-060925-002-JA	5.0 UJ	µg/L
				WG-TR1045-060925-004-JA	5.0 UJ	µg/L
				WG-TR1045-060925-006-JA	5.0 UJ	µg/L
VOCs	Bromomethane (Methyl bromide)	06/19/2025	32	WG-TR1045-060925-007-SG	1.0 UJ	µg/L
				WG-TR1045-060925-010-SG	1.0 UJ	µg/L
				WG-TR1045-060925-005-SG	1.0 UJ	µg/L
				WG-TR1045-060925-002-JA	1.0 UJ	µg/L
				WG-TR1045-060925-004-JA	1.0 UJ	µg/L
				WG-TR1045-060925-006-JA	1.0 UJ	µg/L

Table 4

Qualified Sample Results Due to Outlying Continuing Calibration Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
VOCs	Vinyl acetate	06/20/2025	34.3	WG-TR1045-061025-008-JA	2.0 UJ	µg/L
				WG-TR1045-061025-009-SG	2.0 UJ	µg/L
				WG-TR1045-061025-011-SG	2.0 UJ	µg/L
				WG-TR1045-061025-012-JA	2.0 UJ	µg/L
				WG-TR1045-061025-013-SG	2.0 UJ	µg/L
				WG-TR1045-061025-014-JA	2.0 UJ	µg/L
				WG-TR1045-061025-015-SG	2.0 UJ	µg/L
				WG-TR1045-061025-016-JA	2.0 UJ	µg/L
				WG-TR1045-061025-017-SG	2.0 UJ	µg/L
				WG-TR1045-061025-018-JA	2.0 UJ	µg/L
				WG-TR1045-061025-019-SG	2.0 UJ	µg/L
				WG-TR1045-061025-020-JA	2.0 UJ	µg/L
				WG-TR1045-061025-021-SG	2.0 UJ	µg/L
				WG-TR1045-061025-022-JA	2.0 UJ	µg/L
VOCs	Vinyl acetate	06/26/2025	28.7	WG-TR1045-061325-039-JA	2.0 UJ	µg/L
				WG-TR1045-061325-040-JA	2.0 UJ	µg/L
				WG-TR1045-061325-041-JA	2.0 UJ	µg/L
				WG-TR1045-061325-042-JA	2.0 UJ	µg/L
				WG-TR1045-061625-043-SG	2.0 UJ	µg/L
				WG-TR1045-061625-044-JA	2.0 UJ	µg/L
				WG-TR1045-061625-045-JA	500 UJ	µg/L
				WG-TR1045-061625-046-JA	500 UJ	µg/L
SVOCs	2,4,6-Trichlorophenol	06/12/2025	23	WG-TR1045-060925-001-SG	9.8 UJ	µg/L
				WG-TR1045-060925-003-SG	9.8 UJ	µg/L
				WG-TR1045-060925-005-SG	9.8 UJ	µg/L
				WG-TR1045-060925-007-SG	9.8 UJ	µg/L
				WG-TR1045-060925-010-SG	9.8 UJ	µg/L
				WG-TR1045-060925-002-JA	9.8 UJ	µg/L
				WG-TR1045-060925-004-JA	9.8 UJ	µg/L
				WG-TR1045-060925-006-JA	9.8 UJ	µg/L

Table 4

Qualified Sample Results Due to Outlying Continuing Calibration Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
SVOCs	2,4-Dinitrophenol	06/12/2025	33	WG-TR1045-060925-001-SG	49 UJ	µg/L
				WG-TR1045-060925-003-SG	49 UJ	µg/L
				WG-TR1045-060925-005-SG	49 UJ	µg/L
				WG-TR1045-060925-007-SG	49 UJ	µg/L
				WG-TR1045-060925-010-SG	49 UJ	µg/L
				WG-TR1045-060925-002-JA	49 UJ	µg/L
				WG-TR1045-060925-004-JA	49 UJ	µg/L
				WG-TR1045-060925-006-JA	49 UJ	µg/L
SVOCs	2,4-Dinitrotoluene	06/12/2025	42	WG-TR1045-060925-001-SG	9.8 UJ	µg/L
				WG-TR1045-060925-003-SG	9.8 UJ	µg/L
				WG-TR1045-060925-005-SG	9.8 UJ	µg/L
				WG-TR1045-060925-007-SG	9.8 UJ	µg/L
				WG-TR1045-060925-010-SG	9.8 UJ	µg/L
				WG-TR1045-060925-002-JA	9.8 UJ	µg/L
				WG-TR1045-060925-004-JA	9.8 UJ	µg/L
				WG-TR1045-060925-006-JA	9.8 UJ	µg/L
SVOCs	2,6-Dinitrotoluene	06/12/2025	39	WG-TR1045-060925-001-SG	9.8 UJ	µg/L
				WG-TR1045-060925-003-SG	9.8 UJ	µg/L
				WG-TR1045-060925-005-SG	9.8 UJ	µg/L
				WG-TR1045-060925-007-SG	9.8 UJ	µg/L
				WG-TR1045-060925-010-SG	9.8 UJ	µg/L
				WG-TR1045-060925-002-JA	9.8 UJ	µg/L
				WG-TR1045-060925-004-JA	9.8 UJ	µg/L
				WG-TR1045-060925-006-JA	9.8 UJ	µg/L
SVOCs	2-Nitrophenol	06/12/2025	36	WG-TR1045-060925-001-SG	9.8 UJ	µg/L
				WG-TR1045-060925-003-SG	9.8 UJ	µg/L
				WG-TR1045-060925-005-SG	9.8 UJ	µg/L
				WG-TR1045-060925-007-SG	9.8 UJ	µg/L
				WG-TR1045-060925-010-SG	9.8 UJ	µg/L
				WG-TR1045-060925-002-JA	9.8 UJ	µg/L
				WG-TR1045-060925-004-JA	9.8 UJ	µg/L
				WG-TR1045-060925-006-JA	9.8 UJ	µg/L

Table 4

Qualified Sample Results Due to Outlying Continuing Calibration Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
SVOCs	3-Nitroaniline	06/12/2025	31	WG-TR1045-060925-001-SG	9.8 UJ	µg/L
				WG-TR1045-060925-003-SG	9.8 UJ	µg/L
				WG-TR1045-060925-005-SG	9.8 UJ	µg/L
				WG-TR1045-060925-007-SG	9.8 UJ	µg/L
				WG-TR1045-060925-010-SG	9.8 UJ	µg/L
				WG-TR1045-060925-002-JA	9.8 UJ	µg/L
				WG-TR1045-060925-004-JA	9.8 UJ	µg/L
				WG-TR1045-060925-006-JA	9.8 UJ	µg/L
SVOCs	4,6-Dinitro-2-methylphenol	06/12/2025	39	WG-TR1045-060925-001-SG	49 UJ	µg/L
				WG-TR1045-060925-003-SG	49 UJ	µg/L
				WG-TR1045-060925-005-SG	49 UJ	µg/L
				WG-TR1045-060925-007-SG	49 UJ	µg/L
				WG-TR1045-060925-010-SG	49 UJ	µg/L
				WG-TR1045-060925-002-JA	49 UJ	µg/L
				WG-TR1045-060925-004-JA	49 UJ	µg/L
				WG-TR1045-060925-006-JA	49 UJ	µg/L
SVOCs	4-Nitroaniline	06/12/2025	23	WG-TR1045-060925-001-SG	9.8 UJ	µg/L
				WG-TR1045-060925-003-SG	9.8 UJ	µg/L
				WG-TR1045-060925-005-SG	9.8 UJ	µg/L
				WG-TR1045-060925-007-SG	9.8 UJ	µg/L
				WG-TR1045-060925-010-SG	9.8 UJ	µg/L
				WG-TR1045-060925-002-JA	9.8 UJ	µg/L
				WG-TR1045-060925-004-JA	9.8 UJ	µg/L
				WG-TR1045-060925-006-JA	9.8 UJ	µg/L

Table 4

Qualified Sample Results Due to Outlying Continuing Calibration Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
SVOCs	bis(2-Ethylhexyl)phthalate (DEHP)	06/18/2025	22	WG-TR1045-061025-008-JA	9.8 UJ	µg/L
				WG-TR1045-061025-009-SG	9.8 UJ	µg/L
				WG-TR1045-061025-011-SG	9.8 UJ	µg/L
				WG-TR1045-061025-012-JA	9.8 UJ	µg/L
				WG-TR1045-061025-013-SG	9.8 UJ	µg/L
				WG-TR1045-061025-014-JA	9.8 UJ	µg/L
				WG-TR1045-061025-015-SG	9.8 UJ	µg/L
				WG-TR1045-061025-016-JA	9.8 UJ	µg/L
				WG-TR1045-061025-017-SG	9.8 UJ	µg/L
				WG-TR1045-061025-018-JA	9.8 UJ	µg/L
				WG-TR1045-061025-019-SG	9.8 UJ	µg/L
				WG-TR1045-061025-020-JA	9.8 UJ	µg/L
				WG-TR1045-061025-021-SG	9.8 UJ	µg/L
				WG-TR1045-061025-022-JA	9.8 UJ	µg/L
SVOCs	Di-n-octyl phthalate (DnOP)	06/18/2025	35	WG-TR1045-061025-008-JA	9.8 UJ	µg/L
				WG-TR1045-061025-009-SG	9.8 UJ	µg/L
				WG-TR1045-061025-011-SG	9.8 UJ	µg/L
				WG-TR1045-061025-012-JA	9.8 UJ	µg/L
				WG-TR1045-061025-013-SG	9.8 UJ	µg/L
				WG-TR1045-061025-014-JA	9.8 UJ	µg/L
				WG-TR1045-061025-015-SG	9.8 UJ	µg/L
				WG-TR1045-061025-016-JA	9.8 UJ	µg/L
				WG-TR1045-061025-017-SG	9.8 UJ	µg/L
				WG-TR1045-061025-018-JA	9.8 UJ	µg/L
				WG-TR1045-061025-019-SG	9.8 UJ	µg/L
				WG-TR1045-061025-020-JA	9.8 UJ	µg/L
				WG-TR1045-061025-021-SG	9.8 UJ	µg/L
				WG-TR1045-061025-022-JA	9.8 UJ	µg/L

Table 4

Qualified Sample Results Due to Outlying Continuing Calibration Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
SVOCs	Hexachlorocyclopentadiene	06/27/2025	26	WG-TR1045-061325-039-JA	9.8 UJ	µg/L
				WG-TR1045-061325-040-JA	9.8 UJ	µg/L
				WG-TR1045-061325-041-JA	9.8 UJ	µg/L
				WG-TR1045-061325-042-JA	9.8 UJ	µg/L
				WG-TR1045-061625-043-SG	9.8 UJ	µg/L
				WG-TR1045-061625-044-JA	9.8 UJ	µg/L
				WG-TR1045-061625-045-JA	9.8 UJ	µg/L
				WG-TR1045-061625-046-JA	9.8 UJ	µg/L

Notes:

%D - Percent difference
UJ - Not detected; associated reporting limit is estimated
VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds

Table 5

Qualified Sample Data Due to Outlying of Surrogate Recoveries
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Sample ID	Surrogate	Surrogate % Recovery	Control Limits % Recovery	Analyte	Qualified Result	Units
Pesticides	WG-TR1045-061625-045-JA	(PCB 209) Decachlorobiphenyl	8	10-111	gamma-BHC (lindane)	0.26 J-	µg/L
					beta-BHC	0.92 J-	µg/L
					delta-BHC	3.7 J-	µg/L
					alpha-BHC	5.0 J-	µg/L
					4,4'-DDD	R	
					4,4'-DDE	R	
					4,4'-DDT	R	
					Aldrin	R	
					alpha-Chlordane	R	
					Dieldrin	R	
					Endosulfan I	R	
					Endosulfan II	R	
					Endosulfan sulfate	R	
					Endrin	R	
					Endrin ketone	R	
					gamma-Chlordane	R	
					Heptachlor	R	
					Heptachlor epoxide	R	
					Methoxychlor	R	
					Toxaphene	R	

Notes:

J- - Estimated concentration; result may be biased high
R - Rejected

Table 6

Qualified Sample Results Due to Outlying LCS/LCSD Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	LCS Date (mm/dd/yyyy)	LCS % Recovery	LCSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Associated Sample ID	Qualified Result		Units
SVOCs	Benzoic acid	06/17/2025	0	0	NC	10-110	30	WG-TR1045-061125-023-SG	R		
								WG-TR1045-061125-024-JA	R		
								WG-TR1045-061125-025-SG	R		
								WG-TR1045-061125-026-JA	R		
								WG-TR1045-061125-027-SG	R		
								WG-TR1045-061125-028-JA	R		
								WG-TR1045-061125-029-SG	R		
								WG-TR1045-061125-030-JA	R		
								WG-TR1045-061225-031-SG	R		
								WG-TR1045-061225-032-JA	R		
								WG-TR1045-061225-033-SG	R		
								WG-TR1045-061225-034-JA	R		
								WG-TR1045-061225-035-SG	R		
								WG-TR1045-061225-036-JA	R		
								WG-TR1045-061225-037-SG	R		
								WG-TR1045-061225-038-JA	R		
Pesticides	delta-BHC	06/18/2025	48	84	55	43-109	30	WG-TR1045-061225-031-SG	0.024	J	µg/L
								WG-TR1045-061225-032-JA	0.023	J	µg/L
								WG-TR1045-061225-034-JA	0.025	J	µg/L

Notes:

J - Estimated concentration
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
R - Rejected
RPD - Relative Percent Difference
SVOCs - Semi-volatile Organic Compounds

Table 7

Qualified Sample Results Due to Outlying MS/MSD Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Sample ID	Analyte	MS % Recovery	MSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Qualified Result
SVOCs	WG-TR1045-061025-011-SG	Benzoic acid	0	0	NC	10-94	30	R
SVOCs	WG-TR1045-061325-039-JA	Benzoic acid	0	58	NC	10-94	30	R

Notes:

MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference
SVOCs - Semi-volatile Organic Compounds
R - Rejected
NC - Not calculated

Table 8

Qualified Sample Data Due to Variability in Field Duplicate Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	RPD	Diff	RL	Sample ID	Qualified Result	Field Duplicate Sample ID	Qualified Result	Units
Pesticides	gamma-BHC (lindane)	137	0.211	0.098	WG-TR1045-061625-045-JA	0.26 J	WG-TR1045-061625-046-JA	0.049 UJ	µg/L
SVOCs	1,2,4-Trichlorobenzene	63	13	9.8		27 J		14 J	µg/L
	1,2-Dichlorobenzene	67	13	9.8		26 J		13 J	µg/L
	1,4-Dichlorobenzene	69	38	9.8		74 J		36 J	µg/L
	2-Methylphenol	67	11	9.8		22 J		11 J	µg/L
	3&4-Methylphenol	69	43	9.8		84 J		41 J	µg/L
	Benzoic acid	52	160	49		390 J		230 J	µg/L
	Phenol	65	20	9.8		41 J		21 J	µg/L

Notes:

Diff - Difference (<1X RL)
J - Estimated concentration
RL - Reporting Limit
RPD - Relative Percent Difference
SVOCs - Semi-volatile Organic Compounds
UJ - Not detected; associated reporting limit is estimated

Table 9

Qualified Sample Data Due to Differences in Dual Column Results
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2025

Parameter	Analyte	RPD	RPD Criteria	Associated Sample ID	Qualified Result	Units
Pesticides	delta-BHC	41	≤ 40	WG-TR1045-060925-005-SG	0.025 J	µg/L

Notes:

RPD - Relative Percent Difference
J - Estimated concentration

Appendix G

2025 Monitoring Well and Sampling Logs

B&B Engineers & Geologists
of new york, p.c.

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: _____
Date: 6/9/2025
Personal: S GARDNER

Well Data: **Well No.:** MW-2
Constructed Well Depth (m/ft): 39.05
Measured Well Depth (m/ft): _____
Well Diameter, D (cm/in): 4
Initial Depth to Water (m/ft): 7.05
Start Purge Time: 0828

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0835	116	7.10	0.05	21.09	2.84	144	1.52	6.89	-173
0840	116	7.11	0.06	20.29	2.87	72.3	0.87	6.95	-202
0845		7.11	0.06	19.26	2.92	68.0	0.71	6.91	-211
0850	116	7.11	0.06	19.03	2.94	69.7	0.64	6.87	-214
0855		7.11	0.06	18.84	2.94	67.9	0.60	6.81	-217
0900	116	7.11	0.06	18.68	2.95	66.2	0.65	6.78	-220

Sample ID: WG-TR1045-060925-001-SG **Sample Time:** 0905

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

Sharon Gardner

B&B Engineers & Geologists of new york, p.c.

an affiliate of Geosyntec Consultants

Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** MW-1
Constructed Well Depth (m/ft): 38.02
Measured Well Depth (m/ft):

Date: 6/9/2025
Personal: J. ADAMS
Well Diameter, D (cm/(in)): 4
Initial Depth to Water (m/ft): 7.58
Start Purge Time: 0830

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0843	80	8.21	0.63	20.53	0.344	288	0.00	7.55	-100
0848		8.33	0.75	19.72	0.381	251	0.00	8.09	-226
0853	100	8.55	0.97	18.74	0.469	401	0.00	8.43	-267
0858	100	8.70	1.12	18.04	0.562	358	0.00	8.57	-275
0903		8.82	1.24	17.67	0.611	292	0.00	8.64	-276
0908	100	9.00	1.42	17.48	0.654	393	0.00	8.65	-273
0913		9.10	1.52	17.36	0.697	370	0.00	8.67	-273
0918	100	9.20	1.62	17.28	0.754	366	0.00	8.66	-269
0923	100	9.27	1.69	17.27	0.812	352	0.00	8.63	-264
0928		9.33	1.75	17.22	0.918	342	0.00	8.58	-259
0933	100	9.38	1.80	17.21	0.994	313	0.00	8.51	-254
0938		9.42	1.84	17.41	1.06	303	0.00	8.46	-252
0943		9.47	1.89	17.60	1.09	294	0.00	8.42	-249

Sample ID: LNG-TR1045-060925-002-JA **Sample Time:** 1015

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

B&B Engineers & Geologists of new york, p.c.

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** _____ **Date:** _____

Project Number: _____ **Personal:** _____

Well Data: **Well No.:** _____ **Well Diameter, D (cm/in):** _____

Constructed Well Depth (m/ft): _____ **Initial Depth to Water (m/ft):** _____

Measured Well Depth (m/ft): _____ **Start Purge Time:** _____

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0948	100	9.49	1.91	17.67	1.13	288	0.00	8.36	-247
0953		9.46	1.88	17.72	1.16	230	0.00	8.33	-245
0958	100	9.51	1.93	17.69	1.19	231	0.00	8.27	-244
1003		9.51	1.93	17.68	1.22	219	0.00	8.22	-242

Sample ID: _____ **Sample Time:** 1015

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.

(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.

(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-A10

Date: 6/9/2025
Personal: S GARDNER

Well Data: **Well No.:** 3257
Constructed Well Depth (m/ft): 39.79
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 8.20
Start Purge Time: 0933

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0940	120	8.25	0.05	16.28	4.07	24.1	1.74	6.57	-272
0945	120	8.27	0.07	15.78	4.09	7.58	0.96	6.58	-284
0950		8.27	0.07	15.35	4.10	3.70	0.80	6.58	-291
0955	120	8.27	0.07	15.29	4.10	3.76	0.72	6.57	-295
1000		8.27	0.07	14.98	4.07	3.70	0.69	6.57	-298
1005	120	8.27	0.07	14.77	4.07	1.67	0.67	6.57	-300

Sample ID: WG-TR1045-060925-003-SG **Sample Time:** 1010

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

Shawn Gardner

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOG CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 8106
Constructed Well Depth (m/ft): 16.14
Measured Well Depth (m/ft):

Date: 6/9/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 6.95
Start Purge Time: 1045

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1050	100	7.27	0.32	20.94	2.39	111	4.09	7.50	27
1055		7.35	0.40	20.64	2.49	32.9	0.13	7.64	-10
1100	120	7.47	0.52	20.18	2.53	14.8	0.00	7.61	-15
1105	100	7.59	0.64	19.88	2.56	7.96	0.00	7.59	-15
1110		7.74	0.79	19.61	2.57	8.98	0.00	7.58	-9

Sample ID: WG-TR1045-060925-004-JA **Sample Time:** 1120

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIO45-30A-A10

Date: 6/9/2025
Personal: S GARDNER

Well Data: **Well No.:** 7161
Constructed Well Depth (m/ft): 20.66
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 10.82
Start Purge Time: 1038

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1047	64	11.35	0.53	19.86	4.37	128	2.54	7.14	-179
1052	64	11.40	0.58	19.52	4.36	97.5	1.35	7.16	-181
1057		11.58	0.76	19.15	4.40	74.8	1.17	7.14	-178
1102		11.68	0.86	18.94	4.42	56.4	1.11	7.12	-176
1107	64	11.74	0.92	18.84	4.39	39.4	1.19	7.11	-171
1112		11.85	1.03	18.75	4.39	40.2	1.22	7.11	-166
1117	64	11.98	1.16	18.76	4.37	34.8	1.26	7.11	-162

Sample ID: WG-TRIO45-060925-025-SG
Sample Time: 1120

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

Shawn Gardner

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LONG CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 7120
Constructed Well Depth (m/ft): 32.84
Measured Well Depth (m/ft):

Date: 6/9/2025
Personal: J. ADAMS
Well Diameter, D (cm/in)[2]: 2
Initial Depth to Water (m/ft): 6.53
Start Purge Time: 11:44

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1153	120	7.95	1.42	20.48	1.24	3.74	3.51	8.51	88
1158	100	8.53	2.00	20.22	1.23	0.02	2.45	8.33	93
1203		8.92	2.39	20.05	1.21	1.10	2.12	8.26	97
1208	130	9.82	3.29	19.82	1.18	1.02	1.94	8.18	101
1213	100	10.35	3.82	19.56	1.19	0.02	1.91	8.15	102
1218		10.92	4.39	19.42	1.20	0.02	1.87	8.15	105

Sample ID: WG-TR1045-060925-006-JA **Sample Time:** 1230

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

DUP

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 7205
Constructed Well Depth (m/ft): 51.16
Measured Well Depth (m/ft):

Date: 6/9/2025
Personal: S GARDNER
Well Diameter, D (cm/(in)): 2
Initial Depth to Water (m/ft): 12.48
Start Purge Time: 1159

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1205	100	12.49	0.01	19.29	7.26	25.7	1.46	6.97	-145
1210		12.49	0.01	17.81	6.20	8.84	0.95	6.98	-146
1215	168	12.52	0.04	17.08	4.46	7.61	0.77	7.01	-152
1220	180	12.53	0.05	16.55	3.58	4.44	0.82	7.03	-190
1225	180	12.53	0.05	16.22	2.81	3.44	0.74	7.07	-256
1230		12.53	0.05	16.14	2.72	4.32	0.72	7.07	-267
1235	180	12.53	0.05	16.07	2.62	4.57	0.69	7.05	-276
1240		12.53	0.05	16.05	2.59	3.71	0.67	7.04	-281
1245	180	12.53	0.05	15.96	2.57	4.07	0.65	7.03	-286

Sample ID: WG-TR1045-060925-007-SG
Sample Time: 1250

Notes: BLIND DUPLICATE-WG-TR1045-060925-010-SG TIME 1250

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 9205
Constructed Well Depth (m/ft): 48.68
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 9.23
Start Purge Time: 0812

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0819	120	10.20	0.97	16.20	0.699	30.1	0.43	6.87	-69
0824	100	10.90	1.67	13.98	0.577	26.4	0.00	7.08	-102
0829	100	11.69	2.46	13.42	0.489	18.0	0.00	7.10	-109
0834		12.28	3.05	13.32	0.408	16.5	0.00	7.13	-110
0839		13.01	3.78	13.28	0.363	14.8	0.00	7.16	-110
0844	100	~~13~~ 13.61	4.38	13.24	0.364	13.6	0.00	7.16	-110
0849		13.96	4.73	13.22	0.367	11.4	0.00	7.18	-110

Sample ID: WG-TR1045-061025-008-JA **Sample Time:** 0900

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 8210
Constructed Well Depth (m/ft): 43.36
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 7.95
Start Purge Time: 0817

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0824	100	7.99	0.04	15.44	3.73	23.2	2.05	6.53	-246
0829		7.99	0.04	13.47	3.89	9.99	1.09	6.55	-270
0834	100	7.99	0.04	13.29	3.91	5.72	0.92	6.57	-276
0839	100	7.99	0.04	12.99	3.93	4.63	0.83	6.59	-271
0844	100	7.99	0.04	12.73	3.88	3.57	0.77	6.66	-283
0849		7.99	0.04	12.74	3.85	3.21	0.74	6.69	-284
0854	100	7.99	0.04	12.78	3.81	2.96	0.71	6.71	-284

Sample ID: WG-TR1045-061025-009-SG **Sample Time:** 0900

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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MS/MSD

Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-410
Date: 6/10/2025
Personal: S GARDNER

Well Data: **Well No.:** 6209
Constructed Well Depth (m/ft): 77.35
Measured Well Depth (m/ft):
Well Diameter, D (cm/in): 4
Initial Depth to Water (m/ft): 13.28
Start Purge Time:

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0943	180	13.32	0.04	16.69	3.85	21.7	2.26	9.40	-281
0948	180	13.32	0.04	16.45	3.84	23.2	0.86	9.60	-291
0953		13.32	0.04	16.09	3.85	12.6	0.74	9.65	-301
0958	180	13.32	0.04	16.09	3.86	9.55	0.67	9.70	-304
1003	180	13.32	0.04	15.59	3.92	7.73	1.08	9.71	-309
1008		13.32	0.04	15.60	3.92	7.53	1.06	9.72	-311
1013	180	13.32	0.04	15.65	3.93	7.09	1.04	9.69	-317

Sample ID: WG-TR1045-061025-011-SB **Sample Time:** 1020

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIO45-30A-A10

Well Data: **Well No.:** 9130
Constructed Well Depth (m/ft): 32.68
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 6.97
Start Purge Time: 1046

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1050	100	7.24	0.27	19.76	1.10	5.04	1.51	7.46	-151
1055	100	7.40	0.43	19.57	1.08	4.44	0.91	7.37	-143
1100		7.45	0.48	19.31	1.07	4.43	0.71	7.34	-136
1105	100	7.65	0.68	19.01	1.07	2.05	0.60	7.32	-137
1110		7.76	0.79	18.83	1.08	1.82	0.54	7.29	-135
1115	100	7.85	0.88	18.83	1.08	3.58	0.51	7.29	-137
1120	100	7.95	0.98	18.89	1.08	3.41	0.50	7.28	-137

Sample ID: WG-TRIO45-061025-013-SG **Sample Time:** 1125

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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DUP

Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ADDENDUM GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 9110
Constructed Well Depth (m/ft): 26.82
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 10.45
Start Purge Time: ~~0935~~ 1001

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1004	120	11.20	0.75	21.42	0.860	1.66	4.54	7.04	4
1009	100	11.40	0.95	20.60	0.833	1.03	1.60	6.89	-1
1014		11.67	1.22	19.83	0.839	2.27	1.13	6.84	-1
1019	100	11.82	1.37	18.74	0.863	3.96	1.17	6.84	0
1024		11.92	1.47	18.67	0.866	4.22	0.92	6.83	4
1029	100	12.15	1.70	18.93	0.866	3.97	0.78	6.83	6
1034		12.25	1.80	18.84	0.863	3.04	0.75	6.83	6
1039	100	12.35	1.90	18.81	0.863	3.53	0.71	6.83	6

Sample ID: WG-TR1045-061025-012-JA
Sample Time: 1055

Notes: WG-TR1045-061025-014-JA
1055

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-410
Well Data: **Well No.:** 9125
Constructed Well Depth (m/ft): 26.48
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 7.89
Start Purge Time: 1142

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1148	100	8.50	0.61	19.98	1.74	6.32	1.50	7.25	-109
1153	100	8.88	0.99	19.72	1.75	3.01	0.72	7.24	-129
1158		9.24	1.35	19.48	1.76	1.82	0.56	7.24	-138
1203	100	9.64	1.75	19.29	1.75	2.36	0.51	7.24	-144
1208		9.95	2.06	19.14	1.77	3.64	0.49	7.24	-147

Sample ID: WG-TR1045-061025-015-SG **Sample Time:** 1210

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TRIOUS-30A-410

Well Data: **Well No.:** 8120
Constructed Well Depth (m/ft): 29.77
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 6.20
Start Purge Time: 1115

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1120	130	7.70	1.50	15.33	1.65	3.62	1.68	7.32	-110
1125		8.43	2.23	14.39	1.68	2.71	1.45	7.20	-123
1130	100	9.03	2.83	14.51	1.68	3.03	1.28	7.19	-127
1135		9.96	3.76	14.50	1.68	3.82	1.09	7.19	-130
1140	100	10.56	4.36	14.53	1.68	4.02	1.01	7.19	-131
1145		11.31	5.11	14.54	1.68	4.07	0.96	7.19	-131

Sample ID: WG-TRIOUS-061025-0116-JA **Sample Time:** 1155

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 9120
Constructed Well Depth (m/ft): 22.84
Measured Well Depth (m/ft): _____

Date: 6/10/2025
Personal: S GARDNER
Well Diameter, D (cm/(in)): 2
Initial Depth to Water (m/ft): 6.92
Start Purge Time: 1231

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1237	100	7.88	0.96	15.67	0.958	20.1	6.36	7.40	-78
1242	100	8.40	1.48	16.82	0.896	14.7	0.87	7.41	-87
1247		9.00	2.08	16.81	0.889	15.3	0.64	7.41	-97
1252		9.37	2.45	16.78	0.887	12.1	0.57	7.41	-100
1257	100	9.86	2.94	16.76	0.884	8.97	0.52	7.41	-103
1302	100	10.30	3.38	16.71	0.884	9.10	0.48	7.41	-104
1307		10.79	3.87	16.67	0.885	8.33	0.46	7.41	-105

Sample ID: WG-TR1045-061025-017-SG **Sample Time:** 1310

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 8130
Constructed Well Depth (m/ft): 32.48
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 13.59
Start Purge Time: 1222

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1227	120	13.61	0.02	18.30	1.30	9.21	3.98	7.13	86
1232		13.63	0.04	15.46	1.37	6.86	3.81	6.95	128
1237	140	13.63	0.04	14.31	1.39	8.98	3.21	6.92	142
1242	290	13.63	0.04	12.62	1.43	13.1	3.51	6.90	149
1247		13.63	0.04	12.42	1.43	13.9	3.38	6.90	155
1252	290	13.63	0.04	12.35	1.43	10.6	3.21	6.90	158
1257		13.63	0.04	12.34	1.43	7.82	3.14	6.90	161

Sample ID: WG-TR1045-061025-018-JA **Sample Time:** 1305

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIO45-30A-410

Date: 6/10/2025
Personal: S GARDNER

Well Data: **Well No.:** 9115
Constructed Well Depth (m/ft): 20.96
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 8.22
Start Purge Time: 1327

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1332	100	8.44	0.22	19.71	0.739	5.21	1.96	7.31	-61
1337	100	8.57	0.35	19.61	0.733	3.51	0.80	7.32	-74
1342		8.71	0.49	19.47	0.730	3.62	0.61	7.31	-81
1347	100	8.92	0.70	19.41	0.729	3.91	0.52	7.31	-83
1352	100	9.07	0.85	19.39	0.726	3.35	0.50	7.31	-88
1357		9.21	0.99	19.37	0.725	2.66	0.48	7.31	-90

Sample ID: WG-TRIO45-061025-019-SG
Sample Time: 1400

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 8140
Constructed Well Depth (m/ft): 34.70
Measured Well Depth (m/ft): _____

Date: 6/10/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 9.43
Start Purge Time: 1319

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1325	120	10.49	1.06	18.17	1.19	6.59	2.51	7.14	117
1330	100	11.01	1.58	18.53	1.18	3.32	0.78	7.10	106
1335		11.70	2.27	18.83	1.17	1.71	0.58	7.10	97
1340	100	12.29	2.86	19.16	1.16	2.10	0.45	7.10	92
1345		12.86	3.43	19.30	1.16	2.74	0.45	7.10	90
1350	100	13.41	3.98	19.36	1.15	2.11	0.42	7.10	89

Sample ID: NG-TR1045-061025-020-JA **Sample Time:** 1400

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIOA5-30A-410

Well Data: **Well No.:** 7130
Constructed Well Depth (m/ft): 29.31
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 11.95
Start Purge Time: 1425

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1430	100	11.95	0.00	20.00	1.01	3.28	2.38	7.25	-41
1435	100	11.95	0.00	20.12	1.00	2.13	0.92	7.25	-50
1440		11.95	0.00	20.27	0.992	2.13	0.71	7.25	-55
1445	100	11.95	0.00	20.39	0.978	2.77	0.60	7.26	-59
1450	100	11.95	0.00	20.50	0.974	2.44	0.55	7.26	-62
1455	100	11.95	0.00	20.64	0.970	2.32	0.51	7.26	-63
1500		11.95	0.00	20.76	0.969	2.11	0.50	7.26	-63

Sample ID: WG-TRIOA5-061025-021-SG **Sample Time:** 1505

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 9110
Constructed Well Depth (m/ft): 26.53
Measured Well Depth (m/ft):

Date: 6/10/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 11.58
Start Purge Time: 1414

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1420	140	11.82	0.24	16.15	0.848	3.28	3.60	7.30	123
1425	100	11.92	0.34	16.01	0.865	2.43	3.53	7.19	138
1430	130	12.04	0.46	14.39	0.865	1.62	3.46	7.18	142
1435	100	12.15	0.57	14.72	0.865	1.49	3.09	7.17	142
1440		12.28	0.70	14.68	0.874	1.18	2.70	7.16	143
1445	100	12.38	0.80	14.55	0.874	2.21	2.77	7.16	144
1450		12.51	0.93	14.47	0.872	1.86	2.93	7.17	144

Sample ID: WG-TR1045-061025-022-JA **Sample Time:** 1500

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-A10

Date: 6/11/2025
Personal: S GARDNER

Well Data: **Well No.:** 9210
Constructed Well Depth (m/ft): 81.23
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 17.15
Start Purge Time: 0846

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0855	100	17.26	0.11	20.99	6.17	19.1	2.32	6.93	-170
0900	100	17.26	0.11	19.69	6.69	55.6	0.91	7.22	-189
0905		17.27	0.12	18.45	7.00	31.1	0.73	7.23	-241
0910	100	17.27	0.12	18.12	7.12	42.6	0.61	7.12	-279
0915		17.27	0.12	18.43	7.11	86.3	0.52	7.11	-302
0920	100	17.27	0.12	18.19	7.17	49.5	0.49	7.16	-312
0925		17.27	0.12	18.08	7.21	27.6	0.49	7.10	-313
0930	100	17.27	0.12	18.21	7.13	3.34	0.52	7.11	-313
0935		17.27	0.12	18.37	7.12	2.99	0.55	7.13	-312

Sample ID: WG-TR1045-061125-023-SG **Sample Time:** 0940

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 10215
Constructed Well Depth (m/ft): 58.22
Measured Well Depth (m/ft):

Date: 6/11/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.57
Start Purge Time: 0840

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0908	130	12.98	0.47	15.97	5.21	63.5	4.30	7.08	-143
0913	100	12.97	0.46	15.61	5.19	59.4	1.85	7.17	-144
0918		12.97	0.46	15.80	5.19	60.2	1.02	7.20	-151
0923	100	12.97	0.46	15.63	5.22	67.9	0.79	7.21	-167
0928		12.97	0.46	15.79	5.20	98.1	0.82	7.21	-182
0933		12.97	0.46	15.81	5.23	123	0.93	7.21	-193
0938	100	12.97	0.46	15.85	5.20	142	0.84	7.20	-206
0943		12.97	0.46	15.93	5.21	114	1.32	7.17	-230
0948	100	12.97	0.46	16.00	5.29	84.3	1.39	7.14	-238
0953		12.97	0.46	16.21	5.31	55.2	1.52	7.13	-248
0958	100	12.97	0.46	16.35	5.31	42.8	1.66	7.13	-256
1003		12.97	0.46	16.43	5.32	30.7	1.67	7.12	-262
1008	100	12.97	0.46	16.52	5.34	22.9	1.71	7.10	-269

Sample ID: NG-TR1045-061125-024-JA **Sample Time:**

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** _____ **Date:** _____

Project Number: _____ **Personal:** _____

Well Data: **Well No.:** 10215 **Well Diameter, D (cm/in):** _____

Constructed Well Depth (m/ft): _____ **Initial Depth to Water (m/ft):** _____

Measured Well Depth (m/ft): _____ **Start Purge Time:** _____

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1013	100	12.97	0.46	16.64	5.35	19.7	1.73	7.10	-276
1018		12.97	0.46	16.72	5.37	17.4	1.76	7.08	-285
1023		12.97	0.46	16.81	5.41	16.3	1.77	7.05	-294
1028	100	12.97	0.46	16.92	5.42	14.6	1.78	7.03	-301

Sample ID: WG-TR1045-061125-024-JA **Sample Time:** 1035

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.

(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.

(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIOAS-30A-410

Well Data: **Well No.:** 9140
Constructed Well Depth (m/ft): 27.92
Measured Well Depth (m/ft): _____

Date: 6/11/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 7.78
Start Purge Time: 1014

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1020	100	8.54	0.76	21.80	2.99	9.19	1.82	6.90	-98
1025	100	8.71	0.93	21.05	2.94	7.08	0.78	6.82	-101
1030		8.82	1.04	20.73	2.93	7.66	0.66	6.81	-102
1035	100	8.90	1.12	20.50	2.93	7.91	0.58	6.80	-100
1040		8.97	1.19	20.42	2.93	8.55	0.53	6.80	-98
1045	100	9.03	1.25	20.38	2.94	8.72	0.51	6.79	-95

Sample ID: WG-TRIOAS-061125-025-SG **Sample Time:** 1050

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LONG CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 1021OC
Constructed Well Depth (m/ft): 83.08
Measured Well Depth (m/ft):

Date: 6/11/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.02
Start Purge Time: 1054

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1100	140	12.17	0.15	17.40	5.65	28.3	4.64	6.73	-295
1105		12.18	0.16	16.14	5.72	25.5	2.47	6.66	-323
1110	140	12.19	0.17	15.45	5.78	11.0	2.87	6.66	-338
1115		12.19	0.17	14.98	5.76	4.79	3.13	6.66	-343
1120	140	12.19	0.17	15.26	5.71	3.34	3.13	6.65	-344
1125		12.19	0.17	15.22	5.72	2.06	3.11	6.65	-344

Sample ID: WG-TR1045-061125-0210-JA **Sample Time:** 1140

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIO45-30A-A10

Date: 6/11/2025
Personal: S GARDNER

Well Data: **Well No.:** 10205
Constructed Well Depth (m/ft): 53.39
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 13.40
Start Purge Time: 1123

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1132	100	13.41	0.01	24.83	4.50	37.2	1.73	6.97	-316
1137	100	13.41	0.01	24.20	4.53	12.1	0.55	6.88	-331
1142		13.41	0.01	23.72	4.63	6.94	0.44	6.87	-334
1147	100	13.41	0.01	23.44	4.70	7.05	0.43	6.87	-330
1152	100	13.41	0.01	23.40	4.71	7.88	0.36	6.86	-337
1157	100	13.41	0.01	23.51	4.69	5.29	0.34	6.85	-332
1202		13.41	0.01	23.60	4.68	6.19	0.33	6.84	-336

Sample ID: WG-TRIO45-061125-027-SG **Sample Time:** 1205

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 10210B
Constructed Well Depth (m/ft): 139.5
Measured Well Depth (m/ft):

Date: 6/11/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.44
Start Purge Time: ~~1147~~ 1148

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1151	140	13.11	0.67	18.63	10.0	21.3	6.66	7.55	-285
1156	120	13.34	0.90	17.91	10.5	5.19	2.50	7.55	-339
1201	100	13.38	0.94	17.70	10.3	22.6	2.63	7.49	-343
1206		13.44	1.00	18.03	10.3	4.98	2.67	7.47	-344
1211	100	13.49	1.05	18.32	10.3	3.58	2.59	7.45	-348

Sample ID: WG-TR1045-061125-028-JA **Sample Time:** 1225

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-A10
Well Data: **Well No.:** 10105
Constructed Well Depth (m/ft): 28.54
Measured Well Depth (m/ft):

Date: 6/11/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 7.24
Start Purge Time: 1241

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1246	100	7.49	0.25	23.18	4.57	6.61	2.08	7.71	-265
1251	100	7.55	0.31	22.65	4.51	3.66	0.83	7.67	-279
1256		7.70	0.46	22.69	4.51	2.71	0.57	7.66	-287
1301	100	7.83	0.59	21.86	4.52	3.24	0.51	7.65	-288
1306		7.92	0.68	21.49	4.51	3.30	0.45	7.62	-287
1311		8.03	0.79	21.24	4.51	4.68	0.43	7.60	-284
1316	100	8.20	0.96	21.11	4.52	4.28	0.42	7.58	-283

Sample ID: WG-TR1045-061125-029-SG **Sample Time:** 1320

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 10210A
Constructed Well Depth (m/ft): 215.92
Measured Well Depth (m/ft):

Date: 6/11/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 1.32
Start Purge Time: 1238

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1247	120	3.11	1.79	23.74	>100	10.6	2.44	7.13	-222
1252	100	3.71	2.39	24.13	>100	13.1	1.13	6.79	-328
1257	100	4.15	2.83	25.42	>100	16.0	1.03	6.58	-331
1302		5.08	3.76	24.86	>100	11.9	1.39	6.51	-330
1307		5.90	4.58	24.78	>100	11.0	1.48	6.50	-327
1312	100	6.65		24.81	>100	12.3	1.44	6.51	-325

Sample ID: WG-TR1045-061125-030-JA **Sample Time:** 1325

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIO45-30A-410

Well Data: **Well No.:** 101 78B
Constructed Well Depth (m/ft): 13.52
Measured Well Depth (m/ft):

Date: 6/12/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 5.65
Start Purge Time: 0932

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0946	60	6.44	0.80	22.21	1.68	7.97	2.07	7.07	53
0951	60	6.81	1.16	21.58	1.63	7.26	0.86	7.27	56
0956		7.14	1.49	21.02	1.63	1.41	0.73	7.30	64
1001	64	7.52	1.87	20.69	1.63	1.81	0.67	7.32	67
1006		7.82	2.17	20.53	1.64	1.28	0.62	7.33	70
1011	64	8.15	2.50	20.39	1.64	1.11	0.61	7.33	69

Sample ID: WG-TRIO45-061225-031-SG **Sample Time:** 1015

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.

(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.

(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR045-30A-410

Date: 6/12/2025
Personal: J. ADAMS

Well Data: **Well No.:** 1017BA
Constructed Well Depth (m/ft): 13.46
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 4.63
Start Purge Time: 0932

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0941	80	5.61	0.98	19.47	1.75	8.58	4.05	6.61	104
0946	50	5.99	1.36	17.45	1.71	4.02	0.81	6.91	82
0951		6.09	1.46	16.61	1.72	4.04	0.73	6.98	93
0956	60	6.22	1.59	16.30	1.71	3.97	0.71	7.02	95
1001		6.32	1.69	16.02	1.71	2.87	0.67	7.04	96

Sample ID: WG-TR045-061225-032-JA **Sample Time:** 1020

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.

(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.

(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 1022SA
Constructed Well Depth (m/ft): 207
Measured Well Depth (m/ft):

Date: 6/12/2025
Personal: J. ADAMS
Well Diameter, D (cm/(in)): 2
Initial Depth to Water (m/(ft)): 11.67
Start Purge Time: 1032

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1039	120	12.86	1.19	16.17	>100	6.55	3.09	7.13	-308
1044	100	13.43	1.76	15.59	>100	4.82	2.93	6.97	-319
1049		14.22	2.55	15.11	>100	2.92	1.77	6.92	-320
1054	100	14.79	3.12	15.19	>100	3.81	2.02	6.87	-321
1059		15.45	3.78	14.92	>100	2.92	1.70	6.86	-320
1104		16.02	4.35	14.83	>100	3.75	1.60	6.85	-321
1109	100	16.66	4.99	14.67	>100	4.52	1.77	6.86	-319

Sample ID: WG-TR1045-061225-034-JA **Sample Time:** 1125

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging DUP

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TR1045-30A-410
Well Data: **Well No.:** 10278
Constructed Well Depth (m/ft): 63.12
Measured Well Depth (m/ft):

Date: 6/12/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 11.48
Start Purge Time: 1051

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1100	88	11.54	0.06	14.35	4.86	8.59	2.48	7.10	-312
1105	112	11.54	0.06	13.77	4.90	6.10	1.01	7.07	-323
1110		11.55	0.07	13.64	4.90	2.88	0.73	7.02	-330
1115	112	11.55	0.07	13.77	4.90	2.75	0.63	6.99	-331
1120	112	11.56	0.08	13.76	4.90	1.15	0.57	6.97	-331
1125		11.56	0.08	13.86	4.89	2.65	0.53	6.94	-331
1130	112	11.56	0.08	13.85	4.89	3.77	0.51	6.93	-330

Sample ID: WG-TR1045-061225-033-SG
Sample Time: 1135
Notes: BLIND DUPLICATE-WG-TR1045-061225-035 TIME- 1135

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 1022SB
Constructed Well Depth (m/ft): 139.59
Measured Well Depth (m/ft):

Date: 6/12/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.27
Start Purge Time: 1212

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1217	100	13.19	0.92	16.12	21.6	26.4	2.95	7.52	-332
1222	100	13.92	1.65	15.05	21.1	25.1	2.90	7.30	-357
1227		14.50	2.23	14.66	20.3	6.35	2.79	7.28	-360
1232	100	15.05	2.78	14.64	19.8	23.1	2.72	7.30	-369
1237		15.33	3.06	14.57	19.6	7.43	2.61	7.33	-374
1242	100	15.70	3.43	14.66	19.4	5.28	2.48	7.34	-376

Sample ID: WG-TR1045-061225-0316-JA **Sample Time:** 1255

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIO45-30A-410

Well Data: **Well No.:** 10174A
Constructed Well Depth (m/ft): 15.47
Measured Well Depth (m/ft):

Date: 6/12/2025
Personal: S GARDNER
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 7.51
Start Purge Time: 1319

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1330	68	7.72	0.21	20.57	0.935	4.69	3.49	7.02	-42
1335	68	7.80	0.29	19.76	0.938	2.78	2.75	7.01	-29
1340		7.90	0.39	19.64	0.926	2.71	2.43	7.00	-12
1345	68	8.02	0.51	19.43	0.913	1.87	2.21	7.00	-11
1350	68	8.11	0.60	19.42	0.908	1.95	2.03	7.00	-2
1355		8.29	0.78	19.28	0.906	1.83	2.07	6.99	3
1400	68	8.36	0.85	19.16	0.904	1.27	2.09	6.99	7

Sample ID: WG-TRIO45-061225-037-SG **Sample Time:** 1405

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TRIOUS-30A-410

Well Data: **Well No.:** 1022SC
Constructed Well Depth (m/ft): 64.27
Measured Well Depth (m/ft):

Date: 6/12/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.70
Start Purge Time: 1308

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1316	100	12.90	0.20	17.25	5.51	1.71	2.56	7.56	-259
1321		12.95	0.25	17.14	5.18	0.76	2.28	7.21	-287
1326		13.02	0.32	16.75	4.73	0.12	2.41	7.10	-301
1331	120	13.00	0.30	16.48	4.39	1.12	2.42	7.00	-318
1336		13.03	0.33	16.36	4.26	0.66	2.34	6.91	-326
1341	120	13.03	0.33	16.43	4.21	1.27	2.14	6.88	-331
1346		13.03	0.33	16.50	4.18	1.37	2.01	6.86	-332

Sample ID: WG-TRIOUS-061225-038-JA **Sample Time:** 1405

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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MS/MSD

Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Date: 6/13/2025
Personal: J. ADAMS

Well Data: **Well No.:** 10270
Constructed Well Depth (m/ft): 57.16
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.00
Start Purge Time: 0726

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0731	200	12.05	0.05	15.92	3.42	3.62	5.89	6.51	-290
0736	240	12.07	0.07	14.02	3.53	2.58	6.49	6.77	-312
0741		12.07	0.07	13.61	3.50	0.97	6.57	6.81	-325
0746		12.07	0.07	13.43	3.42	2.05	6.13	6.84	-316
0751	280	12.07	0.07	12.91	3.39	0.69	6.11	6.86	-320
0756		12.07	0.07	12.70	3.37	1.47	6.09	6.87	-327
0801		12.07	0.07	12.77	3.33	1.36	6.00	6.88	-330

Sample ID: WG-TR1045-061325-039-JA MS/MSD **Sample Time:** 0820

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: T21045-30A-410

Well Data: **Well No.:** 10272
Constructed Well Depth (m/ft): 58.62
Measured Well Depth (m/ft):

Date: 6/13/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 13.07
Start Purge Time: 0835

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0839	120	13.26	0.19	14.93	1.19	15.4	7.29	7.30	-213
0844	100	13.25	0.18	14.19	1.07	13.6	6.17	7.12	-276
0849		13.25	0.18	14.32	2.26	9.97	3.47	6.92	-311
0854	120	13.26	0.19	14.19	3.46	11.1	3.89	6.83	-324
0858		13.25	0.18	14.34	4.39	8.84	3.68	6.72	-329
0904	120	13.25	0.18	14.54	4.58	7.42	3.39	6.72	-332
0909		13.24	0.17	14.67	4.69	5.19	4.69	6.72	-333
0914	100	13.24	0.17	14.81	4.83	3.53	3.14	6.72	-332
0919		13.24	0.17	14.91	4.87	1.76	2.99	6.72	-334
0924		13.24	0.17	15.00	4.91	3.26	2.93	6.72	-334

Sample ID: WG-T21045-061325-040-JA **Sample Time:** 0940

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 7132
Constructed Well Depth (m/ft): 29.64
Measured Well Depth (m/ft):

Date: 6/13/2025
Personal: J. ADAMS / A. Wells
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.75
Start Purge Time: 1115

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1121	120	12.81	0.06	17.52	1.08	9.11	1.77	7.70	-72
1126		12.80	0.05	15.21	1.03	11.9	0.92	7.66	-111
1131	200	12.86	0.11	13.92	0.982	27.7	4.18	7.57	-177
1136		12.85	0.10	13.82	0.971	20.3	4.78	7.55	-177
1141	200	12.86	0.11	13.55	0.967	13.6	4.60	7.53	-172
1146		12.86	0.11	13.55	0.965	11.4	4.21	7.54	-163
1151	220	12.86	0.11	13.53	0.969	6.23	3.78	7.53	-161
1156		12.86	0.11	13.45	0.983	2.97	3.38	7.45	-162
1201		12.87	0.12	13.49	1.00	2.88	3.00	1.38	-167
1206	220	12.87	0.12	13.52	1.02	2.84	2.84	7.37	-170
1211		12.86	0.11	13.56	1.04	3.05	2.70	7.35	-176

Sample ID: WG-TR1045-061325-041-JA **Sample Time:** 1225

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 7155
Constructed Well Depth (m/ft): 29.00
Measured Well Depth (m/ft):

Date: 6/13/2025
Personal: J. ADAMS / A. WELLS
Well Diameter, D (cm/(in)): 2
Initial Depth to Water (m/ft): 12.24
Start Purge Time: 1234

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
1240	200	12.91	0.67	17.25	2.08	97.8	4.77	6.97	-99
1245	120	12.90	0.66	15.08	2.17	61.1	1.17	6.89	-110
1250		12.98	0.74	14.79	2.19	42.4	0.88	6.89	-113
1255	100	12.95	0.71	15.03	2.16	52.4	0.75	6.88	-116
1300		13.01	0.77	14.67	2.19	52.9	0.73	6.87	-118
1305	100	13.02	0.78	16.12	2.09	52.7	0.70	6.88	-119
1310		13.03	0.79	16.48	2.07	36.7	0.57	6.87	-122
1315	100	13.03	0.79	16.66	2.07	37.9	0.57	6.89	-124
1320		13.03	0.79	16.61	2.07	38.7	0.52	6.88	-125

Sample ID: WG-TR1045-061325-042-JA **Sample Time:** 1335

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.

(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.

(5) For conductivity, the average value of three readings ±3%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LC ANNUAL GW
Project Number: TRIO45-30A-A10

Well Data: **Well No.:** S221
Constructed Well Depth (m/ft): 518.7
Measured Well Depth (m/ft):

Date: 6/16/2025
Personal: S GARDNER/A WELLS
Well Diameter, D (cm/in): 4
Initial Depth to Water (m/ft): 11.57
Start Purge Time: 0809

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0820	104	11.60	0.03	20.50	1.07	14.2	1.68	8.04	-222
0825		11.61	0.04	19.62	1.11	15.4	0.81	8.70	-254
0830	104	11.61	0.04	19.23	1.17	11.1	0.69	8.67	-272
0835		11.61	0.04	18.95	1.28	12.0	0.63	8.77	-288
0840	112	11.61	0.04	18.80	1.46	13.3	0.59	8.89	-279
0845		11.61	0.04	18.62	1.77	10.7	0.57	8.88	-272
0850	104	11.61	0.04	18.48	2.10	10.4	0.56	8.79	-274
0855		11.60	0.03	18.41	2.39	12.4	0.54	8.59	-283
0900	112	11.60	0.03	18.37	2.78	14.4	0.52	7.74	-289
0905		11.61	0.04	18.31	3.46	14.9	0.50	7.23	-286
0910	104	11.60	0.03	18.34	3.69	12.1	0.49	7.14	-300
0915		11.60	0.04	18.41	3.75	9.07	0.48	7.10	-308
0920		11.60	0.04	18.51	3.77	7.50	0.46	7.08	-312

Sample ID: WG-TRIO45-061625-043-SG **Sample Time:** 0925

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

Allen Wells

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TRIOUS-30A-410

Well Data: **Well No.:** 10147
Constructed Well Depth (m/ft): 14.2
Measured Well Depth (m/ft):

Date: 6/16/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 6.24
Start Purge Time: 0805

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0815	100	7.18	0.94	19.02	0.988	5.56	3.55	6.60	50
0820	50	7.32	1.08	18.66	0.968	4.67	1.75	6.87	5
0825		7.58	1.34	18.05	0.972	3.09	1.20	6.96	-3
0830	50	7.78	1.54	17.66	0.978	3.53	1.15	7.00	-7
0835		8.02	1.78	17.47	0.981	3.19	1.12	7.03	-11

Sample ID: WG-TRIO45-061625-044-JA **Sample Time:** 0855

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.

(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.

(5) For conductivity, the average value of three readings ±3%

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DUP

Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL GW
Project Number: TR1045-30A-410

Well Data: **Well No.:** 10135
Constructed Well Depth (m/ft): 34.8
Measured Well Depth (m/ft):

Date: 6/16/2025
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.65
Start Purge Time: 0911

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	pH (Units)	ORP (mV)
			Precision regular[5]:	±3%	±3%	±10%	±10%	±0.1	±10
0916	130	13.36	0.71	18.95	2.43	57.4	3.44	6.75	-84
0921	110	~~13.68~~ DUP	1.03	18.60	2.47	21.2	1.30	6.65	-96
0926	100	13.87	1.22	17.92	2.51	14.7	0.84	6.64	-107
0931		14.10	1.45	17.41	2.55	7.91	0.80	6.64	-110
0936	100	14.31	1.66	17.11	2.57	9.31	0.85	6.62	-112

Sample ID: WG-TR1045-061625-045-JA
Notes: WG-TR1045-061625-046-JA

Sample Time: 1000
1000

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2ft) above any sediment accumulated at the well bottom.
(2) The wall screen volume will be based on a 1.52 m (5ft) screen length (L). For metric units $V_a=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_a=n*(r^2)*L)(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3ft). The pumping rate should not exceed 500 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = Vp/Vs.
(5) For conductivity, the average value of three readings ±3%

Appendix H

Third Quarter Hydraulic Monitoring Field Notes

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Love Canal Quarterly Water Level Measurements

Date: 9/4/2025

Technician: S GARDNER

Weather: CLOUDY RAIN 64-69°F WINDS S 10-15MPH

Location	Time	DTW	Dry (Y/N)	DTB	Constructed Well Depth	Notes
3257	0957	8.62	NO	35.75	28.95	
5222	0803	12.78	NO	39.85	40.85	
6209	1251	13.58	NO	42.85	45.05	
7161	0952	11.64	NO	20.90	21.16	
8210	0917	8.64	NO	43.51	44.66	TREE FELL ON WELL
9130	1247	9.35	NO	33.30	33.16	
9140	0822	8.22	NO	28.72	28.81	
9205	0907	9.75	NO	47.17	49.66	
10276	1439	12.68	NO	45.40	NA	
10176A	1441	8.28	NO	12.50	17.57	
10176B	1443	8.31	NO	12.77	17.94	

Location	Time	DTW	Dry (Y/N)	DTB	Constructed Well Depth	Notes
10176C	1446	8.55	NO	23.08	28.61	
10176D	1448	9.70	NO	30.70	36.55	
1140A	1332	18.82	NO	28.15	30.18	
1140B	1334	18.63	NO	30.21	32.44	
1141A	1327	15.14	NO	26.96	28.80	
1141B	1329	14.64	NO	30.30	32.75	
1142A	1320	10.18	NO	12.55	14.52	
1142B	1322	11.81	NO	24.58	26.41	
1142C	1324	13.43	NO	29.60	31.34	
1143A	1311	7.82	NO	14.22	15.92	
1143B	1313	7.32	NO	13.09	14.27	
1143C	1315	7.63	NO	20.72	21.52	
1143D	1317	8.93	NO	24.26	26.15	
1144A	1300	8.20	NO	11.50	11.08	
1144B	1302	7.86	NO	12.48	14.12	

Location	Time	DTW	Dry (Y/N)	DTB	Constructed Well Depth	Notes
1144C	1304	8.39	NO	19.00	21.07	
1144D	1307	8.45	NO	24.52	26.29	
1151A	0808	10.69	NO	30.08	27.70	
1151B	0810	10.23	NO	21.09	21.49	
1151C	0812	10.12	NO	17.05	17.55	
1151D	0814	9.96	NO	10.12	10.01	
1153A	0828	8.60	NO	30.82	31.82	
1153B	0830	7.84	NO	20.14	20.40	
1153C	0832	7.72	NO	15.15	20.52	
1153D	0834	7.80	NO	10.72	10.88	
1153E	0836	7.35	NO	7.86	8.45	
1154A	0841	1.04	NO	20.42	27.63	
1154B	0843	5.78	NO	17.01	17.08	
1154C	0845	5.72	NO	13.10	13.26	
1154D	0847	5.16	NO	6.22	6.48	

Location	Time	DTW	Dry (Y/N)	DTB	Constructed Well Depth	Notes
1160A	1343	19.81	NO	26.28	24.85	
1160C	1345	17.60	NO	18.10	21.03	
1161A	1350	17.49	NO	35.00	37.13	
1161B	1352	15.72	NO	25.85	28.34	
1161C	1354	13.37	NO	21.50	37.46	
1161D	1356	12.47	NO	14.65	16.65	
1161E	1358	18.45	NO	30.73	31.06	
1162A	1401	11.19	NO	12.72	13.33	
1162C	1403	11.80	NO	20.89	21.90	
1162D	1406	14.77	NO	33.75	34.84	
1163A	1410	12.28	NO	24.87	25.99	
1163B	1413	11.13	NO	19.45	21.91	
1163C	1415	10.77	NO	13.60	14.58	
1163D	1417	–	YES	11.78	13.20	
10135	1455	12.58	NO	35.95	31.10	

Location	Time	DTW	Dry (Y/N)	DTB	Constructed Well Depth	Notes
1165A	1424	11.94	NO	35.75	32.56	
1165B	1426	13.04	NO	27.10	21.14	
1165C	1428	11.43	NO	23.30	17.37	
1165D	1431	12.37	NO	16.07	12.63	
1170A	1140	22.18	NO	40.08	40.81	
1170B	1142	22.93	NO	28.00	28.78	
1171A	1133	19.33	NO	40.10	40.34	
1171B	1135	20.85	NO	27.70	28.30	
1171C	1137	21.41	NO	33.25	33.42	
1172A	1123	15.38	NO	35.82	38.14	
1172B	1125	13.11	NO	27.00	28.24	
1172C	1128	12.47	NO	20.70	21.71	
1173A	1109	10.06	NO	32.85	33.58	
1173B	1111	8.55	NO	23.00	23.36	
1173C	1113	7.11	NO	14.90	15.40	

Shayn Vadnais

Location	Time	DTW	Dry (Y/N)	DTB	Constructed Well Depth	Notes
1173D	1115	7.68	NO	9.58	10.07	
1174A	1056	2.62	NO	6.18	29.34	
1174B	1058	2.96	NO	11.19	17.75	
1174C	1100	3.65	NO	15.85	13.23	
1174D	1102	5.81	NO	28.32	7.15	
1180A	1035	19.07	NO	34.60	35.68	
1180B	1037	20.88	NO	24.02	24.48	
1180C	1039	—	YES	20.10	20.59	
1181A	1043	10.70	NO	26.75	26.93	
1181B	1045	11.24	NO	19.45	19.66	
1181C	1047	10.32	NO	13.90	14.36	
1183A	0926	9.05	NO	23.35	24.01	
1183B	0928	9.28	NO	16.10	16.57	
1183C	0930	7.19	NO	10.28	10.60	
1183D	0932	5.94	NO	6.10	7.03	

Location	Time	DTW	Dry (Y/N)	DTB	Constructed Well Depth	Notes
1184A	0939	7.33	NO	22.00	22.76	
1184B	0941	6.96	NO	14.73	15.06	
1184C	0943	7.64	NO	8.85	9.40	
1184D	0945	–	YES	3.89	4.56	
1190A	1152	22.15	NO	42.97	43.21	
1190B	1154	23.68	NO	30.00	30.33	
1191A	1157	15.99	NO	33.12	40.81	
1191B	1159	18.99	NO	27.65	41.80	
1191C	1202	20.87	NO	34.20	35.92	
1192A	1206	18.90	NO	39.63	39.33	
1192B	1208	14.45	NO	26.73	39.24	
1192C	1211	13.52	NO	23.32	23.21	
1193A	1215	14.12	NO	32.55	30.97	
1193B	1217	10.02	NO	22.68	22.01	
1193C	1219	8.34	NO	19.42	19.38	

Location	Time	DTW	Dry (Y/N)	DTB	Constructed Well Depth	Notes
1193D	1221	7.95	NO	11.30	12.46	
1194A	1226	13.94	NO	33.82	34.04	
1194B	1228	9.72	NO	24.25	23.94	
1194C	1230	8.88	NO	19.60	19.56	
1194D	1233	8.75	NO	14.74	15.10	
MW-1	1022	7.99	NO	36.80	37.48	
MW-2	1017	7.50	NO	37.00	38.51	
MW-3	1008	7.04	NO	29.55	29.36	

Appendix I

Waste Disposal Manifest(s)

201153

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD000767657	1	(800) 483-3718	012008577 FLE

GENERATOR

5. Generator's Name and Mailing Address
Occidental Chemical Corp. c/o Miller Springs
805 97th Street
Niagara Falls, NY 14304
Generator's Phone:

Generator's Site Address (if different than mailing address)
SAME

6. Transporter 1 Company Name
Goulet Trucking Inc
U.S. EPA ID Number
MAC300006038

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Aragonite LLC
11600 North Aptus Road
Grantsville, UT 84029
Facility's Phone: (435) 884-8100
U.S. EPA ID Number
UTD981552177

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (F039), 9, PG III	1	CM	EST 10	T	F039	B	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.CH2799989 ERG#171
CHRT28241 25Y
LOT # 51217489
Contract retained by generator's agent
a. [illegible] transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency convenience or safety.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Hart — As an Agent for GSH on behalf of Joe Branch — Signature: Dennis J. Hart — Month: 9 — Day: 22 — Year: [illegible]

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Vessar — Signature: [signature] — Month: 9 — Day: 25 — Year: 25

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: MARY Jo Depper — Signature: Mary Jo Depper — Month: 09 — Day: 25 — Year: 25

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)
Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.
LAW 2504666400-005 PPW

Clean Harbors
ENVIRONMENTAL SERVICES®

Land Disposal Restriction Notification Form

Printed Date :Sep 19, 2025

MANIFEST INFORMATION

Generator : Occidental Chemical Corp. c/o Miller Springs

Address: 805 97th Street
Niagara Falls,NY 14304

EPA ID #: N Y D 0 0 0 7 6 7 6 5 7

Manifest Tracking Info.

012008577 FLE

Sales Order No: 2504868400-005

CleanHarbors
ENVIRONMENTAL SERVICES®

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category

1.	1	CH2799989	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
F039	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
1,1,1,2-TETRACHLOROETHANE	N	Y	N
1,1-DICHLOROETHANE	N	Y	N
1,1-DICHLOROETHYLENE	N	Y	N
1,2,4-TRICHLOROBENZENE	N	Y	N
1,2-DICHLOROPROPANE	N	Y	N
2,4,5-TRICHLOROPHENOL	N	Y	N
2,4-DICHLOROPHENOL	N	Y	N
2-CHLOROPHENOL	N	Y	N
ACETONE	N	Y	N
ALPHA-BHC	N	Y	N
ANTHRACENE	N	Y	N
ARSENIC	N	Y	N
BARIUM	N	Y	N
BENZENE	N	Y	N
BETA-BHC	N	Y	N
BIS(2-CHLOROETHYL) ETHER	N	Y	N
CADMIUM	N	Y	N
CARBON DISULFIDE	N	Y	N
CHLOROBENZENE	N	Y	N
CHLOROFORM	N	Y	N
CHROMIUM	N	Y	N
ENDOSULFAN II	N	Y	N
ENDRIN ALDEHYDE	N	Y	N
HEXACHLOROBENZENE	N	Y	N
HEXACHLOROBUTADIENE	N	Y	N
METHYL ETHYL KETONE	N	Y	N
METHYLENE CHLORIDE	N	Y	N
O-CRESOL	N	Y	N
P-CRESOL	N	Y	N
SELENIUM	N	Y	N
SILVEX (2,4,5-TP)	N	Y	N
TETRACHLOROETHYLENE	N	Y	N
TOLUENE	N	Y	N
TRICHLOROETHYLENE	N	Y	N
VINYL CHLORIDE	N	Y	N

CleanHarbors
ENVIRONMENTAL SERVICES®

Land Disposal Restriction Notification Form

Printed Date :Sep 19, 2025

Certification	Applies to Manifest Line Items
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.	1.

Waste analysis data, where available, is attached.

Signature : Dennis Hoyt As an agent for GSH on behalf of Joe Branch Print Name Dennis Hoyt As an agent for GSH on behalf of Joe Branch

Title : Principal - Geosyntec Date : 9/22/2025

201154 423323

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD000767657
2. Page 1 of: 1
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 012008578 FLE

GENERATOR

5. Generator's Name and Mailing Address
Occidental Chemical Corp. c/o Miller Springs
805 97th Street
Niagara Falls, NY 14304
Generator's Phone:

Generator's Site Address (if different than mailing address)
SAME

6. Transporter 1 Company Name: Goulet Trucking Inc
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Aragonite LLC
11600 North Aptus Road
Grantsville, UT 84029
Facility's Phone: (435) 884-8100
U.S. EPA ID Number: UTD981552177

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (F039), 9, PG III	1	CM	10 (EST)	T	F039	B	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.CA2799989 ERG#171 LOT#51218365
#SB2030 25yd

Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency, convenience or safety.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Hoyt As An Agent for GSH on behalf of Joe Brancato
Signature: Dennis J. Hoyt
Month: 9 Day: 22 Year: 2025

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: David WOOD
Signature:
Month: 09 Day: 22 Year: 25
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Mike Larenby
Signature:
Month: 9 Day: 25 Year: 25

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

LAW 250486400-005. PPW

Clean Harbors
ENVIRONMENTAL SERVICES®

Land Disposal Restriction Notification Form

Printed Date :Sep 19, 2025

MANIFEST INFORMATION

Generator : Occidental Chemical Corp. c/o Miller Springs

Address: 805 97th Street
Niagara Falls,NY 14304

EPA ID #: N Y D 0 0 0 7 6 7 6 5 7

Manifest Tracking Info.

012008578 FLE

Sales Order No: 2504868400-005

CleanHarbors
ENVIRONMENTAL SERVICES®

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category

1.	1	CH2799989	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
F039	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
1,1,1,2-TETRACHLOROETHANE	N	Y	N
1,1-DICHLOROETHANE	N	Y	N
1,1-DICHLOROETHYLENE	N	Y	N
1,2,4-TRICHLOROBENZENE	N	Y	N
1,2-DICHLOROPROPANE	N	Y	N
2,4,5-TRICHLOROPHENOL	N	Y	N
2,4-DICHLOROPHENOL	N	Y	N
2-CHLOROPHENOL	N	Y	N
ACETONE	N	Y	N
ALPHA-BHC	N	Y	N
ANTHRACENE	N	Y	N
ARSENIC	N	Y	N
BARIUM	N	Y	N
BENZENE	N	Y	N
BETA-BHC	N	Y	N
BIS(2-CHLOROETHYL) ETHER	N	Y	N
CADMIUM	N	Y	N
CARBON DISULFIDE	N	Y	N
CHLOROBENZENE	N	Y	N
CHLOROFORM	N	Y	N
CHROMIUM	N	Y	N
ENDOSULFAN II	N	Y	N
ENDRIN ALDEHYDE	N	Y	N
HEXACHLOROBENZENE	N	Y	N
HEXACHLOROBUTADIENE	N	Y	N
METHYL ETHYL KETONE	N	Y	N
METHYLENE CHLORIDE	N	Y	N
O-CRESOL	N	Y	N
P-CRESOL	N	Y	N
SELENIUM	N	Y	N
SILVEX (2,4,5-TP)	N	Y	N
TETRACHLOROETHYLENE	N	Y	N
TOLUENE	N	Y	N
TRICHLOROETHYLENE	N	Y	N
VINYL CHLORIDE	N	Y	N

CleanHarbors
ENVIRONMENTAL SERVICES®

Land Disposal Restriction Notification Form

Printed Date :Sep 19, 2025

Certification	Applies to Manifest Line Items
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.	1.

Waste analysis data, where available, is attached.

Signature : Dennis Hoyt AS AN AGENT FOR Joe Branch EGH

Print Name : Dennis Hoyt AS AN AGENT FOR EGH on behalf of Joe Branch

Title : Principal - Designee

Date : 9-22-2025

Appendix J

Niagara Falls Water Board Inspection Letter

NIAGARA FALLS WATER BOARD

ANNUAL PLANT INSPECTION

INDUSTRIAL PRETREATMENT PROGRAM

Name and Address of SIU
Glenn Springs Holding Inc.
Love Canal Leachate Treatment Facility
805 – 97th Street
Niagara Falls, NY 14304

Permit Number: 44
SIC Codes: 4951
Date of Last Inspection: 1/8/2024
CATEGORICAL IU? NO
Day/Date and Time of Inspection:
Thursday, February 27th, 2025 @ 8:00AM

SIU Representative:
Justin Adams Lindsay Osterman
Shawn Gardner

Inspectors Name:
Stephen Stewart
Matt LaGamba

Contact Phone No.: 716-251-8924

PART I FLOW RECORDING AND SAMPLING INSTRUMENTATION

a) Flow measurement instrument meets permit requirements? **YES**

b) Primary flow measurement device properly installed? **YES**

c) Type of flow measurement device -

Weir [ ]	Flume(s) [ ]	Water meter [ ]	Mag meter [**X**]

d) Does device measure flow adequately? **YES**

e) Is primary measuring device properly operated and maintained? [1960.6] **YES**

f) Are secondary instruments (recorders, integrators) properly operated and maintained? [1960.6] **YES**

g) Calibration frequency adequate? (date of last calibration): ***Quarterly – January 26, 2025*** **YES**

PART II SAMPLE COLLECTION

a) Does permit require SIU to submit Periodic Self Monitoring Reports? [40 CFR403.12h] **YES**

b) If "yes", does the sample collection frequency and pollutant type conform with permit requirements? **YES**

c) Are the sample collection locations as described in the permit adequate for representative sample collection? [1960.6 (a)] **YES**

d) Does the method of sample collection conform with permit requirements, **Sewer Use Ordinance** and **Federal Standards**? **YES**

i) Sample **refrigerated throughout collection and storage?** **YES**

ii) Are samples properly preserved? **YES**

iii) Are samples collected using **flow proportion composite** or **grab sampling where appropriate**? [40 CFR12(b)(5)(iii)]. **YES**

iv) Sample holding times appropriate? [40 CFR136.3] **YES**

PART III LABORATORY FACILITIES

a) Is a commercial laboratory used? **YES**

i) Name of laboratory: **ALS Environmental**

ii)

ii) Address: **1565 Jefferson Rd. Rochester, NY 14623**

iii) Is laboratory State certified? **YES**

b) Does SIU perform its own analysis? **NO**

i) Is the SIU's laboratory State certified? **N/A**

ii) Are your laboratory wastes properly disposed of? **N/A**

c) Are EPA approved testing methods used? **YES**

PART IV RECORDS AND REPORTS

a)	Are monitoring records and reports retained in SIU files for **at least three years**? [1960.5 (d)(3)]	**YES**
b)	Are **all** records of sludge volume and disposal practices maintained in files? [1960.5 (d)(2)]	**YES**
c)	Have all hazardous waste discharges been reported to POTW? [40 CFR403.12(p)].	**N/A**
d)	If hazardous waste is discharged, is a waste minimization plan developed and implemented?	**N/A**
e)	Does the SIU have a valid wastewater discharge permit retained on file? [40 CFR403.8(f)(I)(iii)(A)-(E)]	**YES**
f)	Have **all** required reports been submitted on time?	**YES**
g)	Do Self Monitoring reports contain necessary information (samplers name, date & time, sample type, flow, preservation, chain of custody, results) ? [40 CFR403.8(f)(3)(vi)].	**YES**

PART V PLANT OPERATION AND MAINTENANCE

a)	Have there been any accidental discharge(s) that entered the sewer system?	**NO**
	Have they been reported to the POTW as well as other appropriate agencies? [1960.6 (d)]	**N/A**
b)	Is a spill notification procedure conspicuously posted in process areas of the plant? **Issued updated contact list**	**YES**
c)	Is there any evidence of spills?	**NO**
d)	Are all hazardous sludges and solids properly disposed of?	**YES**

e) Has this facility been evaluated ***OR*** re-evaluated for its' potential to experience a slug discharge? 1/28/2022 **YES**

1) Is a **Slug Control Plan** required for this facility [40 CFR403.8(f)(2)(vi)] ? **NO**

A. Has the facility **Developed** and **Implemented** a **Slug Control Plan**? **N/A**

a. The date of the plan's last update: **N/A**
b. Is the latest update on file at the NFWB? **N/A**
c. Does it contain the correct Water Board phone numbers and extensions. **N/A**

2) Has the facility experienced a slug discharge since The last inspection? **NO**

f) Have there been any significant **manufacturing** or **process** changes? [1960.5 (c)] **NO**

List**:** ***None***

Who was contacted **prior** to implementation of these changes?
N/A Date: ***N/A***

g) Describe your hazardous waste storage area(s).
Double contained in the decontamination/storage facility.

Do they meet DEC & EPA containment requirements? **YES**

Are all containers correctly labeled and time limits adhered to? **YES**

Describe your method of disposal:

Incineration as needed through Clean Harbors. Approximately once per year.

h) Regarding the blueprints that you submitted with your last permit application, **have there been any significant changes made to your process or sewer lines?** **NO**

Have revised blueprints been sent to the WWTP? **N/A**

PART VI PRETREATMENT

a) Briefly describe all required pretreatment.
Clarifier → Bag filter → Carbon treatment → WWTP

b) Are all pretreatment facilities properly maintained? **YES**

c) How many pH probes does your pH monitoring system contain? ***0***

List the frequency for calibration.
N/A

d) To your knowledge, has **anyone** discharged any un-permitted waste or waste not properly pretreated into the sewer system? [40 CFR 403.179] **NO**

e) Were WWTP personal notified? **N/A**

-- Prior to discharge to sewer? **N/A**

-- During or after discharge? **N/A**

Who? ***N/A*** Date: ***N/A*** Time: ***N/A***

SIU personal who contacted WWTP: ***N/A***

Was written notification given to the WWTP **within five (5) working days** of the start of the event? [40 CFR 403.17a] **N/A**

Sent to: ***N/A*** From: ***N/A*** Date: ***N/A***

f) List any pretreatment changes that were made in the past 12 months.
None

Who was contacted **prior** to implementation of these pretreatment changes?
N/A

PART VII COMPLIANCE AND ENFORCEMENT

a) Has the SIU had any violations since the last inspection? List: ***1st Qt report the sum of BHC Isomers exceeded local limit.***
YES

b) If numeric violations were noted by SIU, was a repeat sample collection and analysis performed within 30 days and the results submitted to the POTW [40 CFR403.12(g)] ? **YES**

c) Is SIU currently on an administrative order and/or compliance schedule? **NO**

d) If yes, have milestone dates on schedule been met? **N/A**

e) Was escalating enforcement action required to achieve compliance? Describe: ***None Required*** **NO**

PART VIII RECOMMENDATIONS, REQUIREMENTS AND COMMENTS:

Hazardous waste from Love Canal consists of Debris from wells, Clarifier solids, Filters, and PPE. Dioxin (NAPL)

Geosyntec has taken over operations at Love Canal from GHD on 9/1/2022.

Old SIU permit was still posted on bulletin board I E-MAILED him New permit and new contact list.

February 4, 2026

Geosyntec, Love Canal Leachate Treatment Facility
805 – 97th Street
Niagara Falls, New York 14304

Dear: Justin Adams, Shawn Gardner, Lindsay Osterman

Enclosed please find the results of the Plant Inspection that was conducted at your facility on Thursday, February 27th, 2025 @ 8:00AM. These inspections are the annual compliance inspections performed by NFWB as required by 40 CFR §403.8(f)(2)(v).
A tour of the facility was conducted.

If you have any questions, I can be reached at 283-9770 ext 7807.

Sincerely,

NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES

Stephen C. Stewart

Stephen C. Stewart
Senior Industrial Waste Inspector

Cc: M. Rocco → S. Stewart → **File: - I-44**
Emailed to SIU

Appendix K

Test and Maintenance of Backflow Prevention Device Reports

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A — Please use a separate form for each device.

For the year 2025
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
City of Niagara Falls		Niagara		

Facility Name: Glenn Springs Remediation
Address: 805-95th St, NF (Street / City / Zip)
Location of Device: Treatment BDG (BE)

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	009M2QT	2"	179645

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 75 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 8.2 psid	Leaked ☐ Closed tight ☒	Opened at 2.3 psid	Date 06 / 11 / 25 (M D Y)
Describe repairs and materials used				Repaired by: Name ____ Lic # ____ Date repaired: ____ / ____ / ____ (M D Y)
Final test	Closed tight ☒ Pressure drop across first check valve 7.5 psid	Closed tight ☒	Opened at ____ psid	Date 08 / 13 / 25 (M D Y)

Water Meter Number	Meter Reading	Type of Service: (check one)
N/A		• Domestic • Fire • (Other) Process

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets* ☐ does NOT meet, the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
Austin Crossley	13192		09 / 30 / 2025

Property owner's (or owner's agent) certification that test was performed.

Print Name	Title	Signature	Telephone
JUSTIN ADAMS	OPERATOR		(716) 257-8924

PART B — Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		

Representing	Describe minor installation changes
Address	
City / State / Zip	
Signature	

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH- 1013(9/91)

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A Please use a separate form for each device.

For the year 2025
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
City of Niagara Falls		Niagara		

Facility Name Glenn Springs Remediation
Address 805 ~~NF~~ 95th St NF (Street / City / Zip)
Location of Device Treatment B06 (mech Room)

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	909	3"	192775

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure _____psi
Test before repair	Leaked ☐ Closed tight ☒ x Pressure drop across first check valve 8.4 psid	Leaked ☐ Closed tight ☒	Opened at 2.5 psid	Date 07 / 11 / 25 (M D Y)
Describe repairs and materials used				Repaired by Name _____ Lic # _____ Date repaired: ___ ___ ___ (M D Y)
Final test	Closed tight ☐ Pressure drop across first check valve _____psid	Closed tight ☐	Opened at _____psid	Date ___ ___ ___ (M D Y)

Water Meter Number	Meter Reading	Type of Service: (check one)
31923329		• (Domestic) • Fire • Other_____

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets • ☐ does NOT meet, the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
Austin Crossley	13192		09 / 30 / 2025

Property owner's (or owner's agent) certification that test was performed:

Print Name	Title	Signature	Telephone
JUSTIN ADAMS	OPERATOR		(716) 257-8924

PART B Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		

Representing	Describe minor installation changes
Address	
City / State / Zip	
Signature	

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH- 1013(9/91)

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A Please use a separate form for each device.

For the year 2025
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
City of Niagara Falls		Niagara		

Facility Name Glenn Springs Remediation
Address 805 - 95th St NF (Street / City / Zip)
Location of Device: Locker Room

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	909	1 1/2	364800

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 50 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 8.2 psid	Leaked ☐ Closed tight ☑	Opened at 2.5 psid	Date 03 / 11 / 25 (M D Y)
Describe repairs and materials used				Repaired by: Name ____ Lic # ____ Date repaired: ____ (M D Y)
Final test	Closed tight ☒ Pressure drop across first check valve 1.1 psid	Closed tight ☒	Opened at 5 psid	Date 03 / 11 / 25 (M D Y)

Water Meter Number	Meter Reading	Type of Service: (check one)
31871117	118160	• Domestic • Fire • Other ____

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets* ☐ does NOT meet, the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
Austin Crossley	13192		09 / 30 / 2025

Property owner's (or owner's agent) certification that test was performed.

Print Name	Title	Signature	Telephone
JUSTIN ADAMS	OPERATOR		(716) 251 - 8924

PART B Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		

Representing
Address
City | State | Zip
Signature

Describe minor installation changes

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH- 1013(9/91)

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A Please use a separate form for each device.

For the year 2025
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
City of Niagara Falls		Niagara		

Facility Name Glenn Springs Remediation
Address 805-95th St NF (Street / City / Zip)

Location of Device: Treatment (BDG washdown)

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	009M3 QT	3/4	61327

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 75 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 8.2 psid	Leaked ☐ Closed tight ☒	Opened at 2.6 psid	Date 07 / 11 / 25 (M D Y)
Describe repairs and materials used				Repaired by: Name ____ Lic # ____ Date repaired: ____ / ____ / ____ (M D Y)
Final test	Closed tight ☒ Pressure drop across first check valve 8.2 psid	Closed tight ☒	Opened at ____ psid	Date 07 / 11 / 25 (M D Y)

Water Meter Number: N/A
Meter Reading:
Type of Service: (check one) • Domestic • Fire • (Other) Process

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets • ☐ does NOT meet, the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
Austin Crossley	13192		09 / 30 / 2025

Property owner's (or owner's agent) certification that test was performed:

Print Name	Title	Signature	Telephone
JUSTIN ADAMS	OPERATOR		(716) 257-8924

PART B Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		

Representing	Describe minor installation changes
Address	
City / State / Zip	
Signature	

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH- 1013(9/91)

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A Please use a separate form for each device.

For the year 2025
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
City of Niagara Falls		Niagara		

Facility Name Glenn Springs Remediation
Address 805 - 95th St NF (Street / City / Zip)
Location of Device: Maintenance BDG

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	LF009M2QT	1"	029613

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 80 psi
Test before repair	Leaked ☐ Closed tight ☑ Pressure drop across first check valve 8.6 psid	Leaked ☐ Closed tight ☑	Opened at 2.1 psid	Date 03 / 11 / 25 (M D Y)
Describe repairs and materials used				Repaired by: Name ____ Lic # ____ Date repaired: ____ (M D Y)
Final test	Closed tight ☑ Pressure drop across first check valve 2.6 psid	Closed tight ☑	Opened at 5.5 psid	Date 03 / 11 / 25 (M D Y)

Water Meter Number: 34592315
Meter Reading: 181283
Type of Service: (check one) (Domestic) • Fire • Other ____

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets* ☐ does NOT meet the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
Austin Crossley	13192		09 / 30 / 2025

Property owner's (or owner's agent) certification that test was performed.

Print Name	Title	Signature	Telephone
JUSTIN ADAMS	OPERATOR		(716) 451-3524

PART B Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		

Representing	Describe minor installation changes
Address	
City / State / Zip	
Signature	

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH- 1013(9/91)

Appendix L

NYSDEC RCRA Inspection Letter

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Commissioner

November 28, 2025

SENT VIA EMAIL ONLY

Dennis Hoyt
Principal, Geosyntec Consultants
Occidental Chemical Corporation – Love Canal
805 97th Street
Niagara Falls, New York 14304
email: dhoyt@geosyntec.com

Re: Hazardous Waste Compliance Inspection
Inspection Date: 11/14/2025
EPA ID Number: NYD000767657

Dear Dennis Hoyt:

In order to determine compliance with the New York State Hazardous Waste Regulations (6 NYCRR Parts 370-374 and 376), the New York State Department of Environmental Conservation ("NYSDEC") conducted an inspection of your facility on the date indicated above. This letter hereby informs you that no violations were observed during the inspection.

We appreciate your cooperation during the inspection and your efforts to prevent releases of hazardous waste by keeping your facility in compliance with the regulatory requirements. This letter does not address issues pertaining to regulatory fees or hazardous waste special assessment fees. Nothing herein constitutes a waiver by the NYSDEC of any rights it has under state and/or federal law, including any rights regarding violations that may have been present at the facility but not observed, or a release from liability for any party pursuant to said laws.

A copy of the inspection form is attached. If you have any questions, please contact me at kathleen.emery@dec.ny.gov or (716) 851-7220.

Sincerely,

Kathleen Emery

Kathleen Horrigan Emery, P.E.
Regional Hazardous Waste Supervisor
Division of Materials Management/RCRA

Enclosure

ec: Charles Fagerquist, PE, Reviewer, RCRA Compliance Section, NYSDEC – Central Office
Ken Zidell, Inspector, NYSDEC – R9
Joseph Branch, Occidental Chemical Corp.
eDocs:letter.rcra.NYD000767657.2025-11-28.OCC_Love_Canal.no_violations_observed.pdf

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Region	9
CESQG	
SQG	
GENERATOR	X
TSDF	
OTHER	
NONREGULATED	
UNANNOUNCED	X
ANNOUNCED	

INSPECTION FORM

NEW YORK STATE INDUSTRIAL HAZARDOUS WASTE MANAGEMENT ACT
(Chapter 639, Laws of 1978)

Prepared for: Commissioner
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Send to: NYSDEC
Division of Materials Management
Bureau of Hazardous Waste & Radiation Management
RCRA Compliance & Technical Support Section
625 Broadway, 9th Floor
Albany, New York 12233-7256

Tape company business card here or attach letterhead as last page.

EPA I.D. NO.: NYD000767657

COMPANY NAME (Corporate): Occidental Chemical - Love Canal

(Division): Glen Springs Holdings

COMPANY MAILING ADDRESS: 805 97th Street

City & State: Niagara Falls, NY **Zip Code:** 14304

COMPANY LOCATION ADDRESS:

(If different than mailing)

City & State: **Zip Code:**

COUNTY: Niagara

COMPANY TELEPHONE NO.: 716.345.1978 **Ext.** **Fax:**

NAME OF COMPANY CONTACT: Dennis Hoyt

TITLE OF COMPANY CONTACT: Principal, Geosyntec Consultants

EMAIL ADDRESS OF CONTACT: dhoyt@geosyntec.com

INSPECTION DATE: 20251114 **TIME OF INSPECTION:** 0900

INSPECTOR'S NAME: Ken Zidell

NAME:

REPORT PREPARED BY: Ken Zidell **DATE:** 20251128

REPORT APPROVED BY: Kathleen Emery **DATE:** 20251128

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		Generator, TSDF and Transporter Requirements (Check and attach applicable Parts and Appendices)	
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APPENDICIES

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Appendix J	☐	Thermal Treatment
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Appendix L-1	☐	Universal Waste – Small Quantity Handlers
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Appendix X-I	☐	Air Emissions Standards for Process Vents – 373-3.27
Appendix X-II	☐	Air Emissions Standards for Equipment Leaks – 373-3.28
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Appendix Z	☐	Academic Laboratories

Attachments

Attachment 1	☐
Attachment 2	☐

Company Name: Occidental Chemical - Love Canal

EPA ID# No.: NYD000767657

Region/Inspector: 9 / Zidell

Inspection Date: 20251114

PART I
GENERAL INFORMATION AND CLASSIFICATION OF FACILITY

I. Identification of Hazardous Waste - 371 — Yes: ☑ No: ☐

A. Facility generates hazardous waste.

1. ☑ The company has made a hazardous waste determination based on:

   a. ☑ knowledge of the waste;
   b. ☑ testing of the waste.

2. ☐ The material has the characteristic of:

   (☐) Ignitability (D001) - 371.3(b)
   (☐) Corrosivity (D002) - 371.3(c)
   (☐) Reactivity (D003) - 371.3(d)
   (☐) Toxicity (D004 - D043) - 371.3(e)

3. ☑ The material is listed in the regulations as a hazardous waste from non-specific sources (F-Waste). 371.4(b).

4. ☐ The waste is listed in the regulations as a hazardous waste from specific sources (K-Waste). 371.4(c).

5. ☐ The material is listed in the regulations as an acute hazardous waste (P-Waste) 371.4(d)(5).

6. ☐ The material or product is listed in the regulations as a discarded commercial chemical product, off-specification species or manufacturing chemical intermediate (U-Waste). 371.4(d)(6).

7. ☐ The material is listed in the regulations as a waste containing PCBs (B-Waste) 371.4(e).

B. If the facility is a treatment, storage or disposal facility, have they:

☐ Submitted a Part A. application.

☐ Submitted a Part 373 permit application.

☐ Been granted a Part 373 permit. *expiration date:

*Complete Appendix C - indicate compliance status with permit conditions.

C. ☐ Has the facility signed a consent order to resolve violations found during a previous inspection? **

**Complete Appendix D indicating compliance with conditions of the Order.

II. Exemptions

A. Generator Exemptions

1. ☐ Not a regulated handler.
2. ☐ Samples collected for testing - 372.1(e)(5).
3. ☐ Residues of hazardous waste in empty containers - 372.1(e)(6).
4. ☐ A hazardous waste which is generated in a product or raw material storage tank, transport vehicle or vessel, pipeline, or in a manufacturing process unit or an associated non-waste treatment manufacturing process unit is not subject to regulation until it exits the unit in which it was generated, unless the unit is a surface impoundment, or unless the hazardous waste remains in the unit more than 90 days after the unit ceases to be operated, manufacturing, or for storage or transportation - 371.1(e)(3).

B. TSD Exemptions

1. ☑ Storage of hazardous waste that is generated on-site in containers or tanks for a period not exceeding 90 days - 373-1.1(d)(1)(iii).

2. ☐ Storage of liquid hazardous waste in containers (>185 gallons) or tanks generated on-site over the designated sole source aquifers for a period not exceeding 90 days - 373-1.1(d)(1)(iv).

3. ☐ The on-site storage and treatment of hazardous waste by generators that generate less than 100 kilograms of hazardous waste in any calendar month and store less than 1,000 kilograms - 373-1.1(d)(1)(v).

4. ☐ The storage and recycling of the recyclable materials identified in subparagraphs 371.1(g)(1)(iii) and (iv) of this title - 373-1.1(d)(1)(vi).

5. ☐ The storage of the recyclable materials is exempt from permitting provided that Subpart 374-1 is complied with. (NOTE: Subpart 374-1 requires that the facility also complies with selected sections of this Part). 373-1.1(d)(1)(vii):

   a. ☐ recyclable materials used in a manner constituting disposal (see section 374-1.3);
   b. ☐ hazardous wastes burned (as defined in subdivision 374-1.8(a) of this Title) in boilers and industrial furnaces that are not regulated under section 373-2.15 or 373-3.15 of this Title (see section 374-1.8);
   c. ☐ recyclable materials from which precious metals are reclaimed (see section 374-1.6) (complete Appendix G);
   d. ☐ spent lead-acid batteries that are being reclaimed (see section 374-1.7).

6. ☐ The recycling of hazardous wastes is exempt from permitting provided 373-2.2(c) (identification number), 373-2.5(b) or 373-3.5(b) (manifest requirement), and clause 373-1.1(d)(1)(viii)(d) are complied with. (Storage prior to recycling is not exempt under this subparagraph.) In addition:

373-1.1(d)(1)(viii)

a. ☐ This exemption is available to:

(i) ☐ Commercial facilities that reclaim precious metals, as defined in 374-1.6 of this Title;

(ii) ☐ Mobile or transportable commercial facilities which operate on the generator's site, if a containment area, meeting the requirements of 373-2.9(f), is provided for the reclaiming facility and any associated, temporary container holding or storage area.

b. ☐ This exemption is not available to any units, other than boilers and industrial furnaces, that burn hazardous wastes for energy recovery.

c. ☐ Exempted processes that recycle the hazardous wastes listed in 2B(5)(a-d) must comply with Part 374 of this title in lieu of the requirements specified in this subparagraph (NOTE: Part 374 will require that the facility also complies with selected sections of this Part).

d. ☐ Owners or operators of facilities subject to RCRA permitting requirements with hazardous waste management units that recycle hazardous waste are subject to the requirements of sections 373-2.27, 373-2.28, 373-3.27 and 373-3.28 of this Part.

7. ☐ The on-site treatment of hazardous waste, by the generator, in the same tanks or containers used for accumulation and storage is exempt provided the generator complies with Part 373-1.1(d)(1)(iii) and (iv) and Part 372.2(c)(4). Any treatment or placement of hazardous waste in a manner that constitutes land disposal, as defined in subdivision 370.2(b), does not qualify for this exemption - 373-1.1(d)(1)(ix).

8. ☐ Totally enclosed treatment facility - 373-1.1(d)(1)(xi).

9. ☑ Elementary neutralization units or wastewater treatment units, as defined in Part 370 of this Title - 373-1.1(d)(1)(xii).

10. ☑ Accumulation areas - 373-1.1(d)(1)(xiv) (not applicable to CESQG).

11. ☐ A transporter storing manifested shipments of hazardous waste in containers at a transfer facility for a period of ten calendar days or less - Complete Part VII- 373-1.1(d)(1)(xv).

III. Hazardous Waste Generation/Treatment/Storage/Disposal

A. Describe only the activities that result in the generation of hazardous waste. Include manufacturing processes that generate hazardous waste. (Do not include hazardous waste treatment processes.)

Facility is a closed landfill. Leachate from six monitoring wells is passed through clarifier, filter bags, then through carbon filtration. Treated water is sent to NF WWTP. Spent carbon is solidified in 55 gallon drums prior to shipment - F039.

B. Describe any on-site hazardous waste treatment processes that result in the generation of hazardous waste (exempt and/or non-exempt). Include process diagrams if available.

See above

C. Identify the hazardous wastes that are on-site, the quantity of each, the storage method, the type and size of containers or tanks used and their location in the storage area. (Be as specific as possible.)

1. Accumulation Areas (NOTE: Waste in accumulation areas must be included as part of the total quantity of waste stored on-site) (not applicable to CESQG):

1x55-gal PPE

2. Container Storage Areas for CESQG, SQG or Generator (list Universal Waste in section IV. D.):

No waste

3. Tank Storage Areas for CESQG, SQG or Generator:

4. Interim Status/Permitted Container Storage Areas:

5. Interim Status/Permitted Tank Storage Areas:

6. Treatment, storage or disposal units such as surface impoundments, landfills, waste piles or incinerators:

IV. Status Identification:

A. **Generator Status**

1. ☐ Conditionally Exempt Small Quantity Generator (CESQG) - generates less than 100 kg/mo of non-acute hazardous waste or 1 kg/mo of acute hazardous waste. Complete Part III - 371.1(f)(6), 371.1(f)(7).

2. ☐ Small Quantity Generator (SGQ) - generates more than 100 kg/mo but less than 1,000 kg/mo of non-acute hazardous waste on-site. Complete Part IV - 372.2(a)(8)(iii).

   RCRAInfo Site Manager/Certifier:_____

3. ☑ Generator - generates more than 1,000 kg/mo of non-acute hazardous waste or generates more than 1 kg of acute hazardous waste in a calendar month. Complete Part V - 372.2(a)(8)(ii).

   RCRAInfo Site Manager/Certifier: Joe Branch

B. **Treatment, Storage or Disposal Facility (TSDF)**

1. ☐ Hazardous waste is stored greater than 90 days. *, **
2. ☐ Hazardous waste is received from off-site and not beneficially used, reused or legitimately recycled or stored. *
3. ☐ Hazardous waste is treated on-site in non-exempt units. *
4. ☐ Hazardous waste is disposed of on-site. *

* (If checked complete appropriate Appendices).

** (Do not complete for generators that have exceeded only the 90-day storage limit).

C. **Transporter Status**

Yes ☐ No ☑ Transporter operates a 10-day transfer facility.

If yes, complete Part VII Permit No.

D. **Universal Waste Handler**

1. ☐ Small Quantity Handler - company accumulates no more than 5,000 kg total of universal waste at any time - Complete Appendix L-1.
2. ☐ Large Quantity Handler - company accumulates 5,000 kg or more of universal waste at any time - Complete Appendix L-2.
3. ☐ Universal Waste Managed On-Site (list type and quantity).

E. **RCRA Air Emission Rule (Subpart AA/BB/CC) (TSD and LQG only)**

Is the facility subject to RCRA Air Emission Rules (Subpart AA/BB/CC)?

☐ If Yes, Complete appropriate sections of Appendix-X-I, X-II and X-III.

☑ If No, please explain: _____

Exempt due to CERCLA status

F. **(c)(7) Notification- 371.1(c)(7)**

A (c)(7) notification claims that a material intended to be reclaimed, recycled or reused is not a solid or hazardous waste, or that the material is exempt or conditionally exempt from regulation. The notification gives the names and locations of the generating and receiving facilities, identifies all exemptions or exclusions that the party is claiming, and describes the activity or activities which are believed to qualify for such exemptions or exclusions - 371.1(c)(7)(i).

1. ☐ The facility has filed a (c)(7) notification with the Department, maintains documentation on-site of the basis for this exemption, and has demonstrated the following - 371.1(c)(7)(ii):

   a. ☐ That there is a known market or disposition for the material - 371.1(c)(7)(ii)('a');

   b. ☐ That the owner or operator of the receiving facility has the necessary equipment and capacity to process the entire volume of material offered -

371.1(c)(7)(ii)('b'); and

c. ☐ Through appropriate documentation, such as contracts, that the receiving party will reclaim, recycle, use, or reuse the material in such a manner as to qualify it for the exemption or exclusion - 371.1(c)(7)(ii)('c').

2. ☐ The requirement to submit notification to the department does not apply to this facility for the following material(s) - 371.1(c)(7)(i):

a. ☐ Dental amalgam - 371.1(c)(7)(i)('a')

b. ☐ Precious metals - 371.1(c)(7)(i)('b')

c. ☐ Used lead acid batteries - 371.1(c)(7)(i)('c')

d. ☐ Used electronics directed for dismantling and recycling - 371.1(c)(7)(i)('d')

G. **Used Oil Status**

1. ☐ This facility handles used oil.

a. ☐ Used Oil Generator or Aggregation Point – company produces used oil or first causes used oil to become subject to regulation. Complete Part XII.

b. ☐ Used Oil Aggregation Point – company accepts, aggregates, and/or stores used oil collected only from other used oil generation sites owned or operated by the owner or operator of the aggregation point, from which used oil is transported to the aggregation point in shipments of no more than 55 gallons. Complete Part XII.

c. ☐ Used Oil Marketer – company either directs a shipment of off-specification used oil from their facility to a used oil burner or claims that used oil that is to be burned for energy recovery meets the used oil fuel specifications. Complete Part XIII.

d. ☐ Used Oil Transporter – company transports used oil, collects used oil from more than one generator and transports the collected oil, and owns and operates a used oil transfer facility. Complete Part XIV.

e. ☐ Used Oil Transfer Facility – shipments of used oil are held for more than 24 hours and not longer than 35 days during the normal course of transportation. Complete Part XIV.

f. ☐ Used Oil Processor/Re-refiner – company processes or re-refines used oil. Complete Part XV.

g. ☐ Used Oil Burner – used oil not meeting the specification requirements in section 374-2.2(b)(1) is burned for energy recovery. Complete Part XVI.

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

Company Name: Occidental Chemical - Love Canal
EPA ID# No.: NYD000767657
Region/Inspector: 9 / Zidell
Inspection Date: 20251114

PART V
LARGE QUANTITY GENERATOR

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

The generator who generates 1,000 kilograms or more per month of non-acute hazardous waste or generates greater than 1kg per month of acute hazardous waste has compiled with the following:

1. General Requirements

(a) ☐ The generator has made a determination as to whether or not his solid waste is hazardous waste - 372.2(a)(2). ☑

(b) ☐ The generator has obtained an EPA identification number - 372.2(a)(3). ☑

2. Accumulation Area Requirements - 372.2(a)(8)(i)

(a) ☐ The containers appear to be in good condition and are not in danger of leaking - 373-3.9(b). ☑

(b) ☐ Hazardous waste is stored in containers made of compatible materials - 373-3.9(c). ☑

(c) ☐ All containers except those in use are closed - 373-3.9(d)(1). ☑

(d) ☐ Containers holding hazardous waste must not be opened, handled or stored in a manner which may rupture the containers or cause them to leak - 373-3.9(d)(2). ☑

(e) ☐ Containers are marked with the words “Hazardous Waste” and with other words that identify the contents of the containers - 372.2(a)(8)(i)(a)(2). ☑

(f) ☐ Hazardous waste may be accumulated in excess of 55 gallons or 1 quart of acutely hazardous waste at or near the point of generation provided that Section 372.2(a)(8)(ii) requirements are met within 3 days, and the container holding the excess accumulation is marked with the date the excess amount began accumulating - 372.2(a)(8)(i)(b). ☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

3. 90 Day Storage - 372.2(a)(8)(ii)

(a) ☐ All wastes **in containers and tanks** are shipped off- site to an authorized treatment, storage or disposal facility (TSDF) in 90 days or less - 372.2(a)(8)(ii). ☑

(b) ☐ The date upon which each period of accumulation begins is clearly marked and visible for inspection on each **container and tank** - 372.2(a)(8)(ii), 373-1.1(d)(1)(iv)(a), 373-1.1(d)(1)(iii)(c)(2). ☑

(c) ☐ The containers appear to be in good condition and are not in danger of leaking. (If containers are leaking, describe the type, condition, contents and number that are leaking or corroded. Be detailed and specific) - 373-3.9(b). ☑

(d) ☐ Hazardous waste is stored in containers made of compatible materials - 373-3.9(c). (If not, please explain.) ☑

(e) ☐ All containers except those in use are closed - 373-3.9(d)(1). ☑

(f) ☐ Containers holding hazardous waste must not be opened, handled or stored in a manner which may rupture the containers or cause them to leak - 373-3.9(d)(2). ☑

(g) ☐ Each container is marked with the words “Hazardous Waste” and with other words to identify the contents - 373-3.9(d)(3). ☑

(h) ☐ The container storage area is inspected at least weekly - 373-3.9(e). ☑

(i) The generator complies with the following special requirements for storage of ignitable or reactive wastes:

(1) ☐ Containers holding ignitable or reactive waste are located at least 15 meters (50 feet) from the facility property line - 373-3.9(f). ☑

(2) ☐ Generator has taken precautions to prevent accidental ignition or reaction or ignitable or reactive waste by separating and protecting such waste from sources of ignition or reaction - 373-3.2(h)(1). ☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

(3) ☐ Generator has placed "No Smoking" signs conspicuously wherever there is a hazard from ignitable or reactive waste - 373-3.2(h)(1). ☑

(j) The generator complies with the following special requirements related to incompatible wastes - 373-3.9(g):

(1) Incompatible wastes, or incompatible wastes and materials, are not placed in the same container, or in an unwashed container that previously held an incompatible waste or material unless the placement is conducted to prevent the following - 373-3.9(g)(1) & (2):

(a) ☐ the generation of extreme heat or pressure, fire or explosion, or violent reaction - 373-3.2(h)(2)(i); ☐

(b) ☐ production of uncontrolled toxic mists, fumes, dusts or gases in sufficient quantities to pose a risk of fire or explosions - 373-3.2(h)(2)(ii); ☐

(c) ☐ production of uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions - 373-3.2(h)(2)(iii); ☐

(d) ☐ damage to the structural integrity of the device or facility containing the waste - 373-3.2(h)(2)(iv); ☐

(e) ☐ a threat to human health or the environment - 373-3.2(h)(2)(v). ☐

(2) ☐ Containers holding a hazardous waste that is incompatible with any waste or other materials stored nearby in other containers, piles, open tanks, or surface impoundments must be separated from the other materials or protected from them by means of a dike, berm, wall, or other device - 373-3.9(g)(3). ☐

(k) ☐ The owner or operator shall manage all hazardous waste placed in containers in accordance with the applicable requirements of sections 373-3.27, 373-3.28, and 373-3.29 of this Subpart - 373-3.9(h). ☑

(l) Special requirements for generators that store greater than 185 gallons of liquid hazardous waste over sole source aquifers - 373-1.1(d)(1)(iv):

(1) ☐ The container storage areas are within a secondary containment system designed and operated in accordance with the following* - 373-1.1(d)(1)(iv)(f): ☐

(a) ☐ The base under the containers must be free of cracks or gaps and sufficiently impervious to contain collected ☐

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

material until it is removed - 373-2.9(f)(1)(i).

(b) ☐ The base must be sloped or the containment system otherwise designed and operated to drain and remove liquid unless the containers are elevated or protected from contact with the accumulated liquids - 373-2.9(f)(1)(ii). ☐

(c) ☐ The containment system must have sufficient capacity to contain 10 percent of the volume of containers or the volume of the largest container, whichever is greater. Containers that do not contain free liquids are not considered in this determination - 373-2.9(f)(1)(iii). ☐

(d) ☐ Run-on is prevented unless the system has sufficient excess capacity over that required in (3) - 373-2.9(f)(1)(iv). ☐

(e) ☐ Accumulated waste and precipitation must be removed as necessary to prevent overflow - 373-2.9(f)(1)(v). ☐

*This requirement does not apply to generators of liquid hazardous waste over a sole source aquifer if the container storage volume does not exceed 185 gallons.

(2) ☐ The generator of liquid hazardous waste over a sole source aquifer has a written closure plan - 373-3.7(c)(1). ☐

(3) ☐ The closure plan identifies the steps necessary to perform partial and/or final closure of the facility at any point during its active life. The closure plan must contain the information required by 373-3.7(c)(2)(i) - (vii)** - 373-3.7(c)(2). ☐

** If a violation is checked, please attach a sheet listing the deficiencies in the closure plan.

4. Tank Storage Requirements - 373-3.10

1. ☑ Generators must complete Appendix E, except for 373-3.10(h)(3) Items 9C1 through 5. In addition, 373-3.7 and 3.8 which are cross-referenced do not apply except for 373-3.7(b) and (e).

2. ☐ Generators over sole-source aquifers complete Appendix E, except for 373-3.10(h)(3), Items 9C1 through 5 and 373-3.8 (financial requirements).

5. Manifest, Reporting and Record Keeping Requirements

(a) ☐ Hazardous waste is shipped off-site with an accompanying manifest (prepared on EPA Form 8700-22 and if required Continuation ☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

Form 8700-22A) - 372.2(b)(5)(i).

If violation is checked, please provide details.

(b) List the frequency of shipments and the amount of waste per shipment.

As needed

(c) ☐ The transporter has a valid Part 364 permit or is otherwise authorized to transport the waste to the designated facility - 372.2(b)(5)(ii). ☑

(d) ☐ The generator offers for shipment or ships hazardous waste to an authorized facility - 372.2(b)(5)(iii). ☑

If violation is checked, please provide details.

(e) ☐ Each Manifest is completed in accordance with the instructions found Appendix 30 of Part 372 - 372.2(b)(1). ☑

Note: Please check items under Generator, Trans1, Trans 2 and TSDF if in violation. If any of these items is checked then that row will be checked Violation. If none of these items is checked then that row will be checked Satisfactory.

	Generator	Trans 1	Trans 2	TSDF	
(1) ☐ Name of	☐	☐	☐	☐	☑
(2) ☐ EPA ID No. of	☐	☐	☐	☐	☑
(3) ☐ Mailing Address of	☐			☐	☑
(4) ☐ Telephone No. of	☐			☐	☑
(5) ☐ Manifest Tracking # [box 5]					☑
(6) ☐ Emergency Response Phone [box 3].					☑
(7) ☐ The proper USDOT Description [box 9b].					☑
(8) The appropriate:					
(a) ☐ container number and type [box 10].					☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

(b) ☐ quantity [box 11]. ☑

(c) ☐ waste type by units of weight or volume [box 12]. ☑

(d) ☐ waste codes [box 13] ☑

(9) ☐ Signed certification that the materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation under regulations of the USDOT and NYSDEC. ☑

(10) ☐ The generator has used the appropriate manifest. ☑

(f) ☐ For each hazardous waste listed in box 9 of the manifest, confirm with the designated facility what the ultimate disposal method will be for that waste. If the receiving TSD facility is not providing the ultimate disposal of the hazardous waste, the generator must provide a waste code in box 13 of the manifest to designate the ultimate disposal method of the waste using one of following state codes - 372.2(b)(2)(ii): ☑

L = Landfill
B = Incineration, heat recovery, burning
T - Chemical, physical, or biological treatment
R - Material recovery of more than 75 percent of the total material.

(g) ☐ The generator has received signed copies (from TSD Facility) of all manifests for wastes shipped off-site more than 45 days ago: ☑

☐ If not, exception reports including an explanation of efforts have been submitted within 60 days covering these shipments - 372.2(c)(3) ☐

(h) The generator must - 372.2(b)(3):

(1) ☐ sign the manifest certification by hand - 372.2(b)(3)(i); and ☑

(2) ☐ obtain the handwritten signature of the initial transporter and date of acceptance on the manifest - 372.2(b)(3)(ii); and ☑

(3) ☐ distribute copies of the manifest to the generator State making legible photocopies as necessary, postmarked within ten (10) calendar days of shipment date. The generator must give the transporter the remaining copies of the manifest - 372.2(b)(3)(iii). ☑

(i) For international shipments the generator has done the following - 372.2(b)(4)(i):

(1) ☐ The EPA and the Department have been notified 60 days prior to shipment of the hazardous waste destined for treatment, ☐

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

storage or disposal outside the United States - 372.5(c)(1).

(2) ☐ Primary exporters of hazardous waste must file with the Administrator and the Department no later than March 1 of each year, a report summarizing the types, quantities, frequency, and ultimate destination of all hazardous waste exported during the previous calendar year - 372.5(f)(1). ☐

(j) ☐ The generator has complied with the requirements for shipping by rail or water (bulk) found in section 372.7 - 372.2(b)(4)(iii). ☐

(k) ☐ A copy of each manifest has been kept for at least three years from the date the waste was accepted by the initial transporter - 372.2(c)(1)(i). ☑

(l) ☐ A copy of each Annual Report and Exception Report must be kept for a period of at least three years from the due date of the report - 372.2(c)(1)(ii). ☑

(m) ☐ A generator must keep records of any test results, waste analyses, or other determinations made in accordance with Part 372.2(a)(2) for at least three years -372.2(c)(1)(iii). ☑

(n) ☐ All records required under subdivision 372.2(c) were furnished upon request, or made available at a reasonable time for inspection - 372.2(c)(1)(iv). ☑

(o) ☐ There is confirmation by written communication from the designated treatment, storage or disposal facility and alternate treatment, storage or disposal facility that it is authorized to handle the particular hazardous waste described on the manifest- 372.2(b)(2)(i). ☑

(p) ☐ There is written communication that the designated transporter is authorized to deliver the waste to the facility on the manifest - 372.2(b)(2)(iii). ☑

(q) ☐ A generator who ships hazardous waste <u>off-site</u> to a treatment, storage, or disposal facility located within the United States must submit an Annual Report on forms specified by the Commissioner - 372.2(c)(2). ☑

(r) ☐ The generator must maintain the operating records. These records must be furnished to the department upon request, postmarked within five business days of receipt of a written request. A generator must make such records available at all reasonable times for inspection by any officer, employee, or representative of the department who is duly designated by the commissioner - 373-1.1(d)(1)(iii)('b'). ☑

6. <u>Personnel Training</u> - 373-3.2(g)

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

(a) The following documents and records are maintained at the facility - 373-3.2(g)(4):

(1) ☐ the job title for each position at the facility related to hazardous waste management and name of the employee filling each job - 373-3.2(g)(4)(i); ☑

(2) ☐ a written job description for each position - 373-3.2(g)(4)(ii); ☑

(3) ☐ a written description of the type and amount of both introductory and continuing training that will be given to each person related to hazardous waste management - 373-3.2(g)(4)(iii); and ☑

(4) ☐ records that document that the training or job experience required has been given to and completed by facility personnel - 373-3.2(g)(4)(iv). ☑

(b) ☐ The training program is directed by a person trained in hazardous waste management procedures and must include instruction which teaches facility personnel hazardous waste management procedures (<u>including contingency plan implementation</u>) relevant to the positions in which they are employed. The components are - 373-3.2(g)(1)(i), (ii) & (iii): ☑

(1) ☐ procedures for using, inspecting, repairing and replacing facility emergency and monitoring equipment; ☑

(2) ☐ key parameters for automated waste feed cutoff systems; ☑

(3) ☐ communications or alarm systems; ☑

(4) ☐ response to fires and explosions; ☑

(5) ☐ response to groundwater contamination incidents; and ☑

(6) ☐ shutdown of operations. ☑

(c) ☐ For facility employees that receive emergency response training pursuant to Occupational Safety and Health Administration (OSHA) regulations 29 CFR 1910.120(p)(8) and 1910.120(q), the facility is not required to provide separate emergency response training, provided that the overall facility training meets all the requirements of this section - 373-3.2(g)(1)(iv). ☑

(d) ☐ Facility personnel have successfully completed the program by the effective date of these regulations or six months after the date of their employment - 373-3.2(g)(2). ☑

(e) ☐ Facility personnel have taken part in an annual review of the initial training required - 373-3.2(g)(3). ☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

(f) ☐ Training records on current personnel have been kept permanently at the facility (until closure) - 373-3.2(g)(5). ☑

(g) ☐ Training records on former employees have been kept for at least three years from the date the employee last worked at the facility - 373-3.2(g)(5). ☑

7. Preparedness and Prevention - 373-3.3

(a) ☐ The facility is maintained and operated to minimize the possibility of a fire or explosion, or any unplanned or sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water - 373-3.3(b). ☑

(b) ☐ The facility must be equipped with the following, unless none of the hazards posed by waste handled at the facility could require a particular kind of equipment specified below - 373-3.3(c): ☑

(1) ☐ an internal communication or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel - 373-3.3(c)(1); ☑

(2) ☐ a device, such as a telephone (immediately available at the scene of operations) or a hand-held, two-way radio capable of summoning emergency assistance from local police departments, fire departments, or emergency response teams - 373-3.3(c)(2); ☑

(3) ☐ portable fire extinguishers, fire control equipment, spill control equipment and decontamination equipment - 373-3.3(c)(3); and ☑

(4) ☐ water at adequate volume and pressure to supply water hose streams, or foam-producing equipment, or automated sprinklers, or water spray systems - 373-3.3(c)(4). ☑

(c) ☐ Facility communications or alarm systems, fire protection equipment, and spill control equipment are tested and maintained as necessary to assure their proper operation in time of emergency - 373-3.3(d). ☑

(d) ☐ Personnel involved in hazardous waste operations have immediate access to an internal alarm or an emergency communication device either directly or through visual or voice contact with another employee - 373-3.3(e). ☑

(e) ☐ The owner or operator must maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency unless aisle space is not needed for ☑

any of these purposes - 373-3.3(f).

(f) The facility owner or operator has attempted to make the following arrangements as appropriate with local authorities for the type of waste handled at the facility and the potential need for the services of these organizations - 373-3.3(g)(1):

(1) ☐ arrangements to familiarize police, fire departments and emergency response teams with the functions and layout of the facility - 373-3.3(g)(1)(i); ☑

(2) ☐ where more than one police and fire department might respond to an emergency, an agreement designating primary emergency authority to a specific police department and a specific fire department, and agreements with any others to provide support to primary emergency authority - 373-3.3(g)(1)(ii); ☑

(3) ☐ agreements with State emergency response teams, emergency response contractors, and equipment suppliers - 373-3.3(g)(1)(iii); and ☑

(4) ☐ arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the types of injuries or illnesses which could result from fires, explosions or releases at the facility - 373-3.3(g)(1)(iv). ☑

(g) ☐ Where state and local authorities decline to enter into such arrangements, the owner or operator has documented the refusal in the operating record - 373-3.3(g)(2). ☐

8. Contingency Plan - 373-3.4

(a) ☐ The facility has a contingency plan or some other emergency plan which incorporates hazardous waste management - 373-3.4(b)(1). ☑

(b) ☐ If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) plan, or some other emergency or contingency plan, that plan need only be amended to incorporate hazardous waste management provisions. The owner or operator may develop one contingency plan which meets all regulatory requirements. When modifications are made to the provisions in an integrated contingency plan, the changes do not trigger the need for a Part 373 permit modification - 373-3.4(c)(2). ☑

(c) The following are included in the contingency plan - 373-3.4(c):

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

(1) ☐ A description of the actions facility personnel must take in response to fires, explosions or any unplanned sudden or non-sudden releases of hazardous waste or hazardous waste constituents to air, soil or surface water - 373-3.4(c)(1). ☑

(2) ☐ A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services - 373-3.4(c)(3). ☑

(3) ☐ Names, addresses and office and home phone numbers of all persons qualified to act as emergency coordinator - 373-3.4(c)(4). ☑

(4) ☐ An up-to-date list of all emergency equipment at the facility, and decontamination equipment, where this equipment is required - 373-3.4(c)(5). ☑

(5) ☐ The location and physical description of each item on the list, and a brief outline of its capabilities - 373-3.4(c)(5). ☑

(6) ☐ An evacuation plan for facility personnel, where there is a possibility that evacuation could be necessary - 373-3.4(c)(6). ☑

(d) ☐ Copies of the contingency plan are maintained at the facility - 373-3.4(d)(1). ☑

(e) ☐ Copies of the contingency plan have been submitted to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services - 373-3.4(d)(2). ☑

(f) ☐ The contingency plan has been amended, as necessary, when applicable regulations were revised, the plan failed in an emergency, the facility changes or the list of emergency coordinators or equipment changes - 373-3.4(e). ☑

(g) ☐ There is at least one employee either on the facility premises or on call with the responsibility and authority for coordinating all emergency response measures - 373-3.4(f). ☑

9. Elementary Neutralization or Wastewater Treatment - 373-1.1(d)(1)(xii)

(a) ☐ Exempt units must comply with the following - 373-1.1(d)(1)(xii)('a'): ☑

Indicate: X Violations		Indicate: X Satisfactory NA Not Applicable
(1) ☐	The requirements for personnel training in item 6, for preparedness and prevention in item 7, and for contingency plans and emergency procedures in item 8 - 373-1.1(d)(1)(xii)(‘a’)(‘1’);	☑
(2) ☐	Elementary neutralization units that qualify as containers must be managed in accordance with section 373-3.9 Use and Management of Containers - 373-1.1(d)(1)(xii)(‘a’)(‘2’);	☑
(3) ☐	All containers and tanks used to treat hazardous waste must be marked with the words "Hazardous Waste" and other words that identify the contents. For underground tanks, the marking must be placed on a sign in the area above the tank and on the fill port - 373-1.1(d)(1)(xii)(‘a’)(‘3’); and	☑
(4) ☐	If the owner or operator is diluting hazardous ignitable (D001) wastes (other than the D001 high TOC subcategory) or reactive (D003) waste to remove the characteristic before land disposal, the owner/operator must comply with the requirements set out in sections 373-2.2(i)(2) and 373-3.2(h)(2) - 373-1.1(d)(1)(xii)(‘a’)(‘4’);	☐

10. Emergency Procedures - 373-3.4(g)

During a past emergency situation the emergency coordinator (or his designee when the emergency coordinator is not on call) did the following: - 373-3.4(g).*

*Do not go back further than the previous inspection date.

(1) ☐	Activated internal facility alarms or communication systems;	☐
(2) ☐	Notified appropriate state or local agencies;	☐
(3) ☐	Immediately identified the character, exact source, amount and a real extent of any released materials;	☐
(4) ☐	The emergency coordinator assessed possible hazards to human health and the environment;	☐
(5) ☐	The emergency coordinator immediately notified both the department (using the New York State 24-hour oil and hazardous material spill notification number 518/457-7362), and either the government official designated as the on-scene coordinator for that geographical area (in the applicable regional contingency plan), or the National Response Center (using their 24-hour toll free number 800/424-8802);	☐

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

(6) ☐ During the emergency, the emergency coordinator took all reasonable measures necessary to ensure that fire, explosions and releases do not occur, recur or spread to other hazardous waste; ☐

(7) ☐ The emergency coordinator monitored for leaks, pressure buildup, gas generation or ruptures in valves, pipes or other equipment where appropriate during the facilities response to the emergency; ☐

(8) ☐ The emergency coordinator provided for treating, sorting or disposing of recovered waste, contaminated soil or surface water, or any other material that resulted from a release, fire or explosion at the facility; ☐

(9) ☐ The emergency coordinator ensured that in the affected area no waste that may be incompatible with the released material was treated, stored or disposed of until cleanup procedures were completed; ☐

(10) ☐ The emergency coordinator ensured that all emergency equipment listed in the contingency plan was cleaned and fitted for its intended use before operations were resumed; ☐

(11) ☐ The owner or operator notified the Commissioner that the facility is in compliance with Part 373-3.4(g)(8) before operations were resumed in the affected areas of the facility; ☐

(12) ☐ The owner or operator noted in the operating record the time, date and details of the incident that required implementation of the contingency plan; and ☐

(13) ☐ The owner or operator submitted a complete written report on the incident within 15 days after the incident occurred. ☐

11. Waste Water Treatment Sludges from the Metal Finishing Industry - 372.2(a)(8)(vi)

Notes:
- Such generators must comply with sections 373-3.3 and 373-3.4, subdivision 373-3.2(g), and subparagraph 376.1(g)(1)(v) of this Title -372.2(a)(8)(vi)('d')('5'). **Please fill out the Preparedness and Prevention, Contingency Plan and Personnel Training section above. Also, fill out item H in Appendix A.**

(a) ☐ A generator may store wastewater treatment sludges from electroplating operations (F006) without a permit or without having interim status if the generator complies with the following - 372.2(a)(8)(vi). ☐

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

(1) ☐ F006 waste is stored for less than 180 days except if the generator has received an extension - 372.2(a)(8)(vi). ☐

(2) ☐ The generator has implemented pollution prevention practices that reduce the amount of any hazardous substances, pollutants or contaminants entering F006 or otherwise released to the environment prior to its recycling - 372.2(a)(8)(vi)('a'); ☐

(3) ☐ The F006 waste is legitimately recycled through metals recovery - 372.2(a)(8)(vi)('b'); ☐

(4) ☐ No more than 20,000 kilograms of F006 waste is accumulated on-site at any one time - 372.2(a)(8)(vi)('c'); and ☐

(5) The F006 waste is managed in accordance with the following - 372.2(a)(8)(vi)('d'):

(i) ☐ The F006 waste is placed in containers and the generator complies with the applicable requirements of sections 373-3.9, 373-3.27, 373-3.28, and 373-3.29 of this Title - 372.2(a)(8)(vi)('d')('1')('i'); and/or ☐

(ii) ☐ The F006 waste is placed in tanks and the generator complies with the applicable requirements of sections 373-3.10, 373-3.27, 373-3.28, and 373-3.29 of this Title, except paragraph 373-3.10(h)(3) and subdivision 373-3.10(k) of this Title - 372.2(a)(8)(vi)('d')('1')('ii'); and/or ☐

(iii) ☐ The date upon which each period of accumulation begins is clearly marked and visible for inspection on each container - 372.2(a)(8)(vi)('d')('3'); ☐

(iv) ☐ While being accumulated on-site, each container and tank is labeled or marked clearly with the words, "Hazardous Waste" - 372.2(a)(8)(vi)('d')('4'). ☐

Company Name: Occidental Chemical - Love Canal

EPA ID# No.: NYD000767657

Region/Inspector: 9 / Zidell

Inspection Date: 20251114

APPENDIX A

LAND DISPOSAL RESTRICTIONS

(For SQG's, LQG's and TSD's that generate and/or store)

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

I. Dilution Prohibited as a Substitute for Treatment

		Yes	No
A.	Other than as described in B. below, has the generator or TSD, in any way diluted a restricted waste or the residual from treatment of a restricted waste: - 376.1(c) (1).	☐	☑
1.	As a substitute for adequate treatment to achieve compliance with section 376.4.	☐	☑
2.	To otherwise avoid a prohibition in section 376.3.	☐	☑
3.	To circumvent a land disposal prohibition imposed by Titles 1, 7 and 9 of Article 27 of the ECL.	☐	☑
4.	Are hazardous wastes, other than wastewaters, from separate points of generation blended, commingled, or otherwise mixed in a way that dilutes, changes any of the treatability groups, subcategories, or treatment standards that individual wastes were subject to prior commingling?	☐	☑

If yes to 1, 2, 3 or 4 above, identify the wastes and provide a brief description of the dilution process.

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

		Yes	No
B.	Are characteristic hazardous wastes diluted (in a treatment system which treats wastes subsequently discharged to NYS waters) pursuant to a SPDES permit or for purposes of pretreatment under the Clean Water Act? [Dilution is permissible unless another method has been specified as the treatment standard in 376.4(a) or unless the waste is a D003 reactive cyanide wastewater or non-wastewater.)]	☐	☑
C.	Is combustion used to treat any of the hazardous waste codes listed in Appendix 54 (metal bearing wastes)? Combustion is prohibited unless the waste, at the point of generation or after any bona fide treatment such as cyanide destruction prior to combustion can be demonstrated to comply with one or more of the following (unless otherwise specifically prohibited from combustion):	☐	☑
	(1) the waste contains hazardous organic constituents or cyanide at levels exceeding the constituent - specific treatment standard found in 376.4(j) of this Part;	☐	☐
	(2) the waste consists of organic, debris - like materials (e.g., wood, paper, plastic, or cloth) contaminated with an inorganic metal - bearing hazardous waste;	☐	☐
	(3) the waste, at point of generation, has reasonable heating value such as greater than or equal to 5000 BTU per pound;	☐	☐
	(4) the waste is co-generated with wastes for which combustion is a required method treatment;	☐	☐
	(5) the waste is subject to Federal and/or State requirements necessitating reduction of organics (including biological agents); or	☐	☐
	(6) the waste contains greater than 1% Total Organic Carbon (TOC).	☐	☐
D. ☐	It is a form of impermissible dilution, and therefore prohibited, to add iron filings or other metallic forms of iron to lead-containing hazardous wastes in order to achieve any land disposal restriction treatment standard for lead. - 376.1(c)(4).		☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

II. Testing, Tracking and Recordkeeping Requirements - 376.1(g)

A. ☐ The generator has determined if the waste has to be treated before it can be land disposed - 376.1(g)(1)(i). ☑

B. ☐ The determination in A. has been made by testing the waste - 376.1(g)(1)(i). ☑

C. ☐ The determination in A. has been made by using knowledge of the waste - 376.1(g)(1)(i). ☑

D. ☐ Alternatively, the generator must send the waste to a RCRA-permitted hazardous waste treatment facility, where the waste treatment facility must comply with the requirements of 373-2.2(e) of this Title and paragraph (2) of this subdivision - 376.1(g)(1)(i). ☑

E. ☐ For wastes that display the characteristic of ignitability, corrosivity, reactivity or toxicity, the generator has complied with subdivision 376.1(h) [Complete Item III] - 376.1(g)(1)(i). ☑

F. ☐ If the waste or contaminated soil does not meet the treatment standards, or if the generator chooses not to make the determination of whether the generator's waste must be treated: With the initial shipment of waste to each treatment or storage facility, the generator has sent a one-time notice to each receiving facility and placed a copy in the file. The notice must contain the following information: - 376.1(g)(1)(ii). ☑

1. ☐ EPA hazardous waste number. ☑

2. ☐ Manifest document number. ☑

3. ☐ The waste is subject to the LDRs. The constituents of concern for F001-F005, and F039, and underlining hazardous constituents unless the waste will be treated and monitored for all constituents. If all constituents will be treated and monitored, there is no need to put them all on the LDR notice. ☑

4. ☐ The notice must include the applicable wastewater/ non-wastewater category and subdivisions made within a waste code based on waste-specific criteria (such as D003 reactive cyanide). ☑

5. ☐ Waste analysis data (when available). ☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

6. ☐ For hazardous debris, when treating with the alternative treatment technologies provided by subdivision 376.4(g): the contaminants subject to treatment, as described in paragraph 376.4(g)(2); and an indication that these contaminants are being treated to comply with subdivision 376.4(g). ☐

7. ☐ For contaminated soil subject to LDRs as provided in 376.4(k)(1), the constituents subject to treatment as described in 376.4(k)(4), and the following statement: This contaminated soil (does/does not) contain listed hazardous waste and (does/does not) exhibit a characteristic of hazardous waste and (is subject to/ complied with) the soil treatment standards as provided by 376.4(k)(3) or the universal treatment standards. ☐

G. ☐ For waste that meets the treatment standards at the original point of generation: With the initial shipment of waste to each TSD, the generator has sent a one-time notice to each TSD receiving the waste and placed a copy in the file. The notice must include the following information: - 376.1(g)(1)(iii). ☐

1. ☐ EPA hazardous waste number. ☐

2. ☐ Manifest document number. ☐

3. ☐ The waste is subject to the LDRs. The constituents of concern for F001-F005, and F009, and underlying hazardous constituents (for wastes that are not managed in a Clean Water Act (CWA) or CWA- equivalent facility), unless the waste will be treated and monitored for all constituents. If all constituents will be treated and monitored, there is no need to put them all on the LDR notice. ☐

4. ☐ The notice must include the applicable wastewater/ non-wastewater category and subdivisions made within a waste code based on waste-specific criteria (such as D003 reactive cyanide). ☐

5. ☐ Waste analysis data (when available). ☐

6. ☐ For contaminated soil subject to LDRs as provided in 376.4(k)(1), the constituents subject to treatment as described in 376.4(k)(4), and the following statement: This contaminated soil (does/does not) contain listed hazardous waste and (does/does not) exhibit a characteristic ☐

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

of hazardous waste and (is subject to/ complied with) the soil treatment standards as provided by 376.4(k)(3) or the universal treatment standards.

7. ☐ The applicable certification. ☐

Note: If the waste changes, the generator must send a new notice and certification to the receiving facility and place a copy in the file. Generators of hazardous debris excluded from the definition of hazardous waste under paragraph 371.1(d)(5) of this Title are not subject to these requirements.

H. ☐ Wastes exempted from meeting treatment standards prior to land disposal: With the initial shipment, the generator must send a one-time notice to each land disposal facility receiving the waste. The notice must contain the following information: - 376.1(g)(1)(iv). ☐

1. ☐ EPA hazardous waste number. ☐
2. ☐ Manifest documents number. ☐
3. ☐ Statement: this waste is not prohibited from land disposal. ☐
4. ☐ Waste analysis data (when available). ☐
5. ☐ Date the waste is subject to the prohibition. ☐
6. ☐ For hazardous debris, when treating with the alternative treatment technologies provided by subdivision 376.4(g): the contaminants subject to treatment, as described in paragraph 376.4(g)(2); and an indication that these contaminants are being treated to comply with subdivision 376.4(g). ☐

Note: If the waste changes, the generator must send a new notice to the receiving facility and place a copy in their files.

I. Treatment of Prohibited Wastes in Containers or Tanks

☐ For generators managing a prohibited waste in tanks, containers, or containment buildings, regulated under paragraph 372.2(a)(8) and treating that waste to meet applicable treatment standards, the following requirements have been met: ☐

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

1. ☐ Developed and followed written waste analysis plan which describes the procedures the generator will carry out to comply with the treatment standards - 376.1(g)(1)(v). ☐

2. ☐ The waste analysis plan has been based on a detailed chemical and physical analysis of a representative sample of the prohibited waste(s) being treated, and contains all the information necessary to treat the waste(s), including the selected testing frequency - 376.1(g)(1)(v)(a). ☐

3. ☐ Kept the plan on- site in the generator's records - 376.1(g)(1)(v)(b). ☐

4. ☐ Wastes shipped off -site have complied with the notification requirements for restricted wastes meeting treatment standards - 376.1(g)(1)(v)(c). [Complete Item II.F. pgs. A- 4.] ☐

J. Recordkeeping

1. ☐ If a generator has determined whether a waste is restricted based solely on knowledge of the waste, all supporting data used to make this determination has been retained on-site in the generator's files - 376.1(g)(1)(vi). ☑

2. ☐ If a generator has determined whether a waste is restricted based on testing of the waste or an extract developed using the test method 1311, all waste analysis data has been retained on-site in the generator's files - 376.1(g)(1)(vi). ☑

3. ☐ If a generator has determined that he is managing a restricted waste that is excluded from the definition of hazardous or solid waste, or exempt from regulation, under 371, subsequent to the point of generation (including deactivated characteristic hazardous wastes managed in wastewater treatment systems subject to the Clean Water Act), the generator has placed in the facility's file a one-time notice stating: - 376.1(g)(1)(vii). ☑

   a. ☐ That the waste is generated, ☑

   b. ☐ That the waste is excluded from the definition of hazardous or solid waste or exempted from regulation. ☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

c. ☐ The disposition of the waste. ☑

4. ☐ Generators must retain on-site a copy of all notices, certifications, demonstrations, waste analysis data, and other documentation for at least three years from the date that the wastes were last sent to on-site or off-site treatment, storage, or disposal. This requirement applies to solid wastes even when the hazardous characteristic is removed prior to disposal, or when the waste is excluded from the definition of hazardous or solid waste, or exempted from regulation, subsequent to the point of generation - 376.1(g)(1)(viii). ☑

K. Alternate Treatment Standards for Lab Packs

☐ If a generator is managing a lab pack containing hazardous waste and wishes to use the alternative treatment standards, the generator must submit a notice to the treatment facility with the initial shipment. The notice must contain the EPA hazardous waste codes, manifest document number, and the applicable certification. No further notification is necessary unless the wastes or receiving facility changes. For characteristic hazardous wastes (D0001- D043) underlying hazardous constituents need not be determined. The recordkeeping requirements must be met - 376.1(g)(1). ☐

L. Small Quantity Generators with Tolling Agreements

☐ For small quantity generators with tolling agreements, the following requirements - 376.1(g)(1)(x). ☐

1. ☐ For the initial shipment of such wastes, the generator has complied with the notification and certification requirements that apply for the wastes subject to the tolling agreement - 376.1(g)(1)(x). [Complete Items II.E, F, or G, Pgs A-3 through A-5, as applicable, except for manifest requirements.] ☐

2. ☐ Small quantity generators must retain on-site a copy of the initial notification and certification, together with the tolling agreement, for at least three years after termination or expiration of the agreement - 376.1(g)(1)(x). ☐

M. Hazardous Debris

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

☐ Generators or treaters who first claim that hazardous debris is excluded from the definition of hazardous waste under paragraph 371.1(d)(5) of this Title, (i.e., debris treated by an extraction or destruction technology provided by Table 1, subdivision 376.4(g), and debris that the commissioner has determined does not contain hazardous waste) are subject to the following notification and certification requirements: 376.1(g)(4). ☐

1. ☐ A one-time notification must be submitted to the commissioner to include the following information: 376.1(g)(4). ☐

   a. ☐ The name and address of the authorized Part 360 facility receiving the treated debris - 376.1(g)(4)(i)(a). ☐

   b. ☐ A description of the hazardous debris as initially generated, including the applicable EPA or NYS Hazardous Waste Number(s) - 376.1(g)(4)(i)(b). ☐

   c. ☐ For debris excluded under subparagraph 371.1(d)(5)(i) of this Title, the technology from Table 1, subdivision 376.4(g), used to treat the debris - 376.1(g)(i)(c). ☐

2. ☐ The notification must be updated if the debris is shipped to a different facility, and, for debris excluded under subparagraph 371.1(d)(5)(i) of this Title, if a different type of debris is treated or if a different technology is used to treat the debris - 376.1(g)(4)(ii). ☐

III. Special Rules Regarding Wastes That Exhibit a Characteristic

A. ☐ The initial generator of a solid waste has determined each EPA hazardous waste number (waste code) applicable to the waste in order to determine the applicable treatment standards under section 376.4 of this Part. This determination may be made concurrently with the hazardous waste determination required in paragraph 372.2(a)(2) of this Title. For purposes of Part 376, the waste will carry the waste code for any applicable listing under section 371.4 of this Title. In addition, where the waste exhibits a characteristic, the waste will carry one or more of the characteristic waste codes under section 371.3, except when the treatment standard for the listed waste operates in lieu of the treatment standard for the characteristic waste, as specified in ☑

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

paragraph (2) of this subdivision. If the generator determines that their waste displays a hazardous characteristic (and is not D001 non-wastewaters treated by CMBST, RORGS or POLYM of subdivision 376.1(b)(1) of this Part), in the characteristic waste - 376.1(h)(1).

B. ☐ For a prohibited waste that is listed and also exhibits a characteristic, the treatment standard for the listed waste code will operate in lieu of the standard for the characteristic code, provided the treatment standard for the listed waste includes a treatment standard for the constituent that causes the waste to exhibit the characteristic. Otherwise the waste must meet the treatment standards for all applicable listed and characteristic codes - 376.1(h)(2). ☑

C. ☐ Prior to land disposal, all prohibited wastes which exhibit a characteristic have been treated to the treatment standards provided in 376.4 - 376.1(h)(3). ☑

D. ☐ Wastes that exhibit a characteristic are also subject to subdivision 376.1(g) requirements, except that once the waste is no longer hazardous, a one-time notification and certification must be placed in the generators' or treaters' files and sent to the commissioner. The notification and certification that is placed in the generators' or treaters' files must be updated if the process or operation generating the waste changes and/or if the Part 360 facility receiving the waste changes. However, the generator or treater need only notify the Department on an annual basis if such changes occur. Such notification and certification should be sent to the Department by the end of the calendar year, but no later than December 31 - 376.1(h)(4). ☐

1. ☐ The notification includes the following information - 376.1(h)(4)(i). ☐

a. ☐ The name and address of the Part 360 facility receiving the waste - 376.1(h)(4)(i)(a). ☐

b. ☐ A description of the waste as initially generated, including the applicable EPA Hazardous Waste Number(s) and treatability group(s), and underlying hazardous constituents, unless the waste will be treated and monitored for all underlying hazardous constituents. In that case they do not have to be listed on the notice - 376.1(h)(4)(i)(b). ☐

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

2. ☐ The certification must be signed by an authorized representative and state the language found in subparagraph 376.1(g)(2)(iv)(e) - 376.1(h)(4)(ii). ☐

3. ☐ If the treatment removes the characteristic but does not treat underlying hazardous constituents, then the certification in 376.1(g)(2)(iv)(d) applies - 376.1(h)(4)(ii)(a). ☐

IV. PCB Disposal

A. ☐ All PCB wastes listed under Part 371 solely for their PCB content, are disposed of in accordance with the provisions of 40 CFR part 761, except: - 376.4(f)(1). ☐

1. ☐ As listed in part 371, waste B002, from any source other than a spill, may not be stabilized or mixed with any substance to conform with any provision of 450 CFR Part 761 regarding land disposal - 376.4(f)(1)(i). ☐

V. Prohibition on Storage of Restricted Wastes - 376.5(a)

A. ☐ The storage of hazardous wastes restricted from land disposal is permitted provided that: - 376.5(a)(1). ☑

1. ☐ The generator stores such waste in tanks, containers, or containment buildings on-site solely for the purpose of the accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal and the generator complies with all storage requirements of Part 372, Subparts 373-1, 373-2, and 373-3 of this Title - 376.5(a)(1)(i). ☐

2. ☐ The owner or operator of a hazardous waste treatment storage, or disposal facility has: ☐

a. ☐ Only stored restricted wastes in tanks or containers for up to one year solely for the purpose of the accumulation of such quantities as necessary to facilitate proper recovery, treatment, or disposal - 376.5(a)(1)(ii). ☐

b. ☐ Clearly marked each container or tank to identify its contents and the date each period of accumulation begins - 376.5(a)(1)(ii)(a). ☐

Indicate:
X Violations

Indicate:
X Satisfactory
NA Not Applicable

c. ☐ Maintained in the operating record the contents and beginning accumulation date for each tank and container - 376.5(a)(1)(ii)(b). ☐

d. ☐ Complied with all operating record requirements of 373-2.5(c) or 373-3.5(c) - 376.5(a)(1)(ii)(b). ☐

B. ☐ Unless the Department can prove that such storage was not solely for the purpose of accumulation of such quantities as necessary to facilitate proper recovery, treatment or disposal, the owner/operator of a treatment, storage or disposal facility may store restricted waste for up to one year - 376.5(a)(2). ☐

C. ☐ The owner/operator of a treatment, storage or disposal facility has stored restricted waste beyond one year and has proven that the storage was solely for the purpose of accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal - 376.5(a)(3). ☐

D. ☐ Liquid hazardous wastes containing PCBs at concentrations greater than or equal to 50 ppm have been stored at facilities that meet the requirements of 371 through 376 and 40 CFR 761.65(b), and have been removed from storage and treated or disposed of as required within one year of the date when such wastes were placed in storage - 376.5(a)(6). ☐

Appendix M

NYSDEC Import Fill Approval Letter

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Commissioner

September 2, 2025

Dennis Hoyt
B&B Engineers & Geologists of New York, P.C.
Lockport, New York 14094

Dear Dennis Hoyt:

Love Canal, Site No. 932020
Niagara Falls (C), Niagara County
Soil Import Request

The Department has reviewed the request dated August 29, 2025 to import 50-100 cubic yards of fill material from C.J Krantz Organics, 560 Smith Road, East Amherst NY 14051. Based on the information provided, the request is hereby approved.

The proposed fill material meets the Restricted Residential soil cleanup objectives (SCOs) as provided in Appendix 5 of DER-10 and the guidance document "Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs". Therefore, this material may be placed below the demarcation layer or above the demarcation layer as part of final site cover.

Should you have any questions or would like to discuss the matter in further detail, feel free to contact me at andrew.zwack@dec.ny.gov or (716) 851-7220.

Sincerely,

Andrew J. Zwack

Andrew Zwack
Assistant Engineer

AZ/cj

Enclosure

ec: Benjamin McPherson - NYSDEC
Jospeh Branch - OCC

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

Site Name: Love Canal

Site Number: NYSDEC Site No. 932020

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 50-100

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Two grab samples were collected at random from the common stockpile and compiled for lab analysis. Samples were analyzed for total metals, VOCs, SVOCs, and PCBs/Pesticides.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See attached table.

Several total metals, pesticides, and SVOCs were detected. No concentrations exceeded Appendix 5 - Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e), DER-10 Technical Guidance for Site Investigation and Remediation, New York State Department of Environmental Conservation, Department of Environmental Remediation (DER), May 2010 for Commercial and Restricted Residential Use.

The materials meet the requirements of DER-10 Section 5.4(e).

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

C.J. Krantz Organics

Name and address of fill source:

C.J. Krantz Organics, 560 Smith Rd, East Amherst, NY 14051

Location where fill was obtained:

Common stockpile of topsoil

Identification of any state or local approvals as a fill source:

N/A

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Soil is sourced from a variety of locations and stored in a general stockpile.

Provide a list of supporting documentation included with this request:

https://www.cjkrantztopsoil.com/

The information provided on this form is accurate and complete.

	29 August 2025
Signature	Date
Dennis Hoyt as an agent for Joe Branch, PM for GSH	
Print Name	
B&B Engineers & Geologists of New York, P.C.	
Firm	

2025 Imported Soil Analysis
Love Canal
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Parameter	Units	Commercial or Industrial Use SCOs [1]	Restricted Residential Use SCOs [2]	Laboratory Results
				Imported Topsoil Fill
Metals				
Arsenic	mg/kg	16	16	3.5
Barium	mg/kg	400	400	152
Beryllium	mg/kg	47	47	0.38
Cadmium	mg/kg	7.5	4.3	0.54 J
Chromium, Hexavalent	mg/kg	19	19	13.0
Chromium, Trivalent	mg/kg	1500	180	
Copper	mg/kg	270	270	13.7
Cyanide	mg/kg	27	27	-
Lead	mg/kg	450	400	31.5
Manganese	mg/kg	2000	2000	180
Mercury (total)	mg/kg	0.73	0.73	0.055
Nickel	mg/kg	130	130	12.8
Selenium	mg/kg	4	4	-
Silver	mg/kg	8.3	8.3	-
Zinc	mg/kg	2480	2480	82.9
PCBs/Pesticides				
2,4,5-TP Acid (Silvex)	mg/kg	3.8	3.8	-
4,4'-DDE	mg/kg	17	8.9	0.0085
4,4'-DDT	mg/kg	47	7.9	-
4,4'-DDD	mg/kg	14	13	-
Aldrin	mg/kg	0.19	0.097	-
Alpha-BHC	mg/kg	0.02	0.02	-
Beta-BHC	mg/kg	0.09	0.09	-
Chlordane (alpha)	mg/kg	2.9	2.9	0.97 PU
Delta-BHC	mg/kg	0.25	0.25	-
Dibenzofuran	mg/kg	210	59	-
Dieldrin	mg/kg	0.1	0.1	-
Endosulfan I	mg/kg	102	24	-
Endosulfan II	mg/kg	102	24	-
Endosulfan sulfate	mg/kg	200	24	-
Endrin	mg/kg	0.06	0.06	-
Heptachlor	mg/kg	0.38	0.38	-
Lindane	mg/kg	0.1	0.1	-
Polychlorinated biphenyls	mg/kg	1	1	-
SVOCs				
1,4-Dioxane **	mg/kg	0.1	0.1	-
Acenaphthene	mg/kg	98	98	-
Acenaphthylene	mg/kg	107	100	-
Anthracene	mg/kg	500	100	-
Benzo(a)anthracene	mg/kg	1	1	0.220 J
Benzo(a)pyrene	mg/kg	1	1	0.280 J
Benzo(b)fluoranthene	mg/kg	1.7	1.0	0.400
Benzo(g,h,i)perylene	mg/kg	500	100	0.180 J

2025 Imported Soil Analysis
Love Canal
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Parameter	Units	Commercial or Industrial Use SCOs [1]	Restricted Residential Use SCOs [2]	Laboratory Results
				Imported Topsoil Fill
SVOCs				
Benzo(k)fluoranthene	mg/kg	1.7	1.7	0.150 J
Chrysene	mg/kg	1	1	0.330 J
Dibenz(a,h)anthracene	mg/kg	0.56	0.33	-
Fluoranthene	mg/kg	500	100	0.600
Fluorene	mg/kg	386	100	-
Indeno(1,2,3-cd)pyrene	mg/kg	5.6	0.5	0.220 J
m-Cresol(s)	mg/kg	0.33	0.33	0.100 J
p-Cresol(s)	mg/kg	0.33	0.33	
Naphthalene	mg/kg	12	12	-
o-Cresol(s)	mg/kg	0.33	0.33	-
Pentachlorophenol	mg/kg	0.8	0.8	-
Phenanthrene	mg/kg	500	100	0.300 J
Phenol	mg/kg	0.33	0.33	-
Pyrene	mg/kg	500	100	0.470
VOCs				
1,1,1-Trichloroethane	mg/kg	0.68	0.68	-
1,1-Dichloroethane	mg/kg	0.27	0.27	-
1,1-Dichloroethene	mg/kg	0.33	0.33	-
1,2-Dichlorobenzene	mg/kg	1.1	1.1	-
1,2-Dichloroethane	mg/kg	0.02	0.02	-
1,2-Dichloroethene(cis)	mg/kg	0.25	0.25	-
1,2-Dichloroethene(trans)	mg/kg	0.19	0.19	-
1,3-Dichlorobenzene	mg/kg	2.4	2.4	-
1,4-Dichlorobenzene	mg/kg	1.8	1.8	-
1,4-Dioxane **	mg/kg	0.1	0.1	-
Acetone	mg/kg	0.05	0.05	-
Benzene	mg/kg	0.06	0.06	-
Butylbenzene	mg/kg	12	12	-
Carbon tetrachloride	mg/kg	0.76	0.76	-
Chlorobenzene	mg/kg	1.1	1.1	-
Chloroform	mg/kg	0.37	0.37	-
Ethylbenzene	mg/kg	1	1	-
Hexachlorobenzene	mg/kg	3.2	1.2	-
Methyl ethyl ketone	mg/kg	0.12	0.12	-
Methyl tert-butyl ether	mg/kg	0.93	0.93	-
Methylene chloride	mg/kg	0.05	0.05	-
Propylbenzene-n	mg/kg	3.9	3.9	-
Sec-Butylbenzene	mg/kg	11	11	-
Tert-Butylbenzene	mg/kg	5.9	5.9	-
Tetrachloroethene	mg/kg	1.3	1.3	-
Toluene	mg/kg	0.7	0.7	-

2025 Imported Soil Analysis
Love Canal
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Parameter	Units	Commercial or Industrial Use SCOs [1]	Restricted Residential Use SCOs [2]	Laboratory Results
				Imported Topsoil Fill
VOCs				
Trichloroethene	mg/kg	0.47	0.47	-
Trimethylbenzene-1,2,4	mg/kg	3.6	3.6	-
Trimethylbenzene-1,3,5	mg/kg	8.4	8.4	-
Vinyl chloride	mg/kg	0.02	0.02	-
Xylene (mixed)	mg/kg	1.6	1.6	-
Per- & Polyfluoroalkyl Substances				
Perfluorooctanoic acid (PFOA)	ng/g	500	33	0.38
Perfluorooctanesulfonic acid (PFOS)	ng/g	440	44	0.48
All other congeners were non-detect; see lab report for additional details				

Note:

- parameter was non-detect at the RL. Refer to attached laboratory report for details regarding individual RLs

P Concentration >40% difference between the two GC columns.

1 *Commercial or Industrial Use, Appendix 5- Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e)* , DER-10 Technical Guidance for Site Investigation and Remediation, New York State Department of Environmental Conservation, Department of Environmental Remediation (DER), May 2010

2 *Restricted Residential Use, Appendix 5- Allowable Constituent Levels for Imported Fill or Soil* , Subdivision 5.4(e), DER-10 Technical Guidance for Site Investigation and Remediation, New York State Department of Environmental Conservation, Department of Environmental Remediation (DER), May 2010

** 1,4-Dioxane was analyzed and reported as both a volatile organic (VOCs) and semi-volatile organic (SVOCs) following methods SW846 8260 and SW846 8270, respectively. Both results were non-detect at 120U ug/kg and 78U ug/kg for VOCs and SVOCs respectively.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sheri Finn
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Generated 8/29/2025 2:32:31 PM

JOB DESCRIPTION

11225661, GSH - Love Canal

JOB NUMBER

240-231859-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

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Authorization



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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: 11225661, GSH - Love Canal

Job ID: 240-231859-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-231859-1 — Eurofins Cleveland

Job Narrative
240-231859-1

Receipt
The samples were received on 8/28/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

PFAS
Method 1633A: The following sample was collected in a non-standard container instead of a 125mL HDPE container: FB-IMPORTED FILL-LC1-082625-JA (240-231859-2). The laboratory proceeded with analysis.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: GHD Services Inc.
Project/Site: 11225661, GSH - Love Canal

Job ID: 240-231859-1

Method	Method Description	Protocol	Laboratory
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	EET CLE
1633	Solid-Phase Extraction (SPE)	EPA	EET CLE
1633 Shake	Shake Extraction with SPE	EPA	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: GHD Services Inc.
Project/Site: 11225661, GSH - Love Canal

Job ID: 240-231859-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-231859-1	IMPORTED FILL-LC1-082625-JA	Solid	08/26/25 10:00	08/28/25 09:30	New York
240-231859-2	FB-IMPORTED FILL-LC1-082625-JA	Water	08/26/25 10:00	08/28/25 09:30	New York

Detection Summary

Client: GHD Services Inc.
Job ID: 240-231859-1
Project/Site: 11225661, GSH - Love Canal

Client Sample ID: IMPORTED FILL-LC1-082625-JA
Lab Sample ID: 240-231859-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.38		0.20		ng/g	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.48		0.20		ng/g	1		1633A	Total/NA

Client Sample ID: FB-IMPORTED FILL-LC1-082625-JA
Lab Sample ID: 240-231859-2

No Detections.

This Detection Summary does not include radiochemical test results.

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Client Sample ID: IMPORTED FILL-LC1-082625-JA
Date Collected: 08/26/25 10:00
Date Received: 08/28/25 09:30

Lab Sample ID: 240-231859-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorooctanoic acid (PFOA)	**0.38**		0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorooctanesulfonic acid (PFOS)	**0.48**		0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 13:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 13:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0		ng/g		08/29/25 08:22	08/29/25 13:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0		ng/g		08/29/25 08:22	08/29/25 13:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Client Sample ID: IMPORTED FILL-LC1-082625-JA
Date Collected: 08/26/25 10:00
Date Received: 08/28/25 09:30

Lab Sample ID: 240-231859-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 13:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0		ng/g		08/29/25 08:22	08/29/25 13:11	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 13:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.0*		*8 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C5 PFPeA	*80.2*		*35 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C5 PFHxA	*84.0*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C4 PFHpA	*78.5*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C8 PFOA	*98.9*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C9 PFNA	*93.6*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C6 PFDA	*97.1*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C7 PFUnA	*98.6*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C2 PFTeDA	*94.1*		*20 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C3 PFBS	*90.2*		*40 - 135*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C3 PFHxS	*92.3*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C8 PFOS	*89.3*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C8 FOSA	*113*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
d3-NMeFOSAA	*96.1*		*40 - 135*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
d5-NEtFOSAA	*97.0*		*40 - 150*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C2 4:2 FTS	*152*		*40 - 165*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C2 6:2 FTS	*109*		*40 - 215*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C2 8:2 FTS	*148*		*40 - 275*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C3 HFPO-DA	*76.9*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
d7-N-MeFOSE-M	*63.8*		*20 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
d9-N-EtFOSE-M	*54.5*		*15 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
d5-NEtPFOSA	*72.9*		*10 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
d3-NMePFOSA	*77.5*		*10 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C2-PFDoA	*97.0*		*40 - 130*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C3-PFPrS	*93.9*		*20 - 150*	*08/29/25 08:22*	*08/29/25 13:11*	*1*
13C2 10:2 FTS	*137*		*40 - 275*	*08/29/25 08:22*	*08/29/25 13:11*	*1*

Client Sample ID: FB-IMPORTED FILL-LC1-082625-JA
Date Collected: 08/26/25 10:00
Date Received: 08/28/25 09:30

Lab Sample ID: 240-231859-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.3	U	3.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluoropentanoic acid (PFPeA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorohexanoic acid (PFHxA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluoroheptanoic acid (PFHpA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorooctanoic acid (PFOA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorononanoic acid (PFNA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorodecanoic acid (PFDA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluoroundecanoic acid (PFUnA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Client Sample ID: FB-IMPORTED FILL-LC1-082625-JA
Date Collected: 08/26/25 10:00
Date Received: 08/28/25 09:30

Lab Sample ID: 240-231859-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorotridecanoic acid (PFTrDA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorotetradecanoic acid (PFTeDA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorobutanesulfonic acid (PFBS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluoropentanesulfonic acid (PFPeS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorohexanesulfonic acid (PFHxS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluoroheptanesulfonic acid (PFHpS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorooctanesulfonic acid (PFOS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorononanesulfonic acid (PFNS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorododecanesulfonic acid (PFDoS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.3	U	3.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.3	U	3.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.3	U	3.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorooctanesulfonamide (PFOSA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.3	U	8.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.3	U	8.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.3	U	1.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.3	U	3.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.3	U	8.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.3	U	8.3		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluorodecanesulfonic acid (PFDS)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.7	U	1.7		ng/L		08/29/25 08:32	08/29/25 12:20	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	105		5 - 130	08/29/25 08:32	08/29/25 12:20	1
13C5 PFPeA	100		40 - 130	08/29/25 08:32	08/29/25 12:20	1
13C5 PFHxA	99.4		40 - 130	08/29/25 08:32	08/29/25 12:20	1
13C4 PFHpA	96.2		40 - 130	08/29/25 08:32	08/29/25 12:20	1
13C8 PFOA	96.0		40 - 130	08/29/25 08:32	08/29/25 12:20	1
13C9 PFNA	98.8		40 - 130	08/29/25 08:32	08/29/25 12:20	1
13C6 PFDA	100		40 - 130	08/29/25 08:32	08/29/25 12:20	1
13C7 PFUnA	96.5		30 - 130	08/29/25 08:32	08/29/25 12:20	1
13C2 PFTeDA	97.0		10 - 130	08/29/25 08:32	08/29/25 12:20	1
13C3 PFBS	101		40 - 135	08/29/25 08:32	08/29/25 12:20	1
13C3 PFHxS	104		40 - 130	08/29/25 08:32	08/29/25 12:20	1
13C8 PFOS	101		40 - 130	08/29/25 08:32	08/29/25 12:20	1
13C8 FOSA	98.3		40 - 130	08/29/25 08:32	08/29/25 12:20	1
d3-NMeFOSAA	98.0		40 - 170	08/29/25 08:32	08/29/25 12:20	1
d5-NEtFOSAA	94.0		25 - 135	08/29/25 08:32	08/29/25 12:20	1
13C2 4:2 FTS	105		40 - 200	08/29/25 08:32	08/29/25 12:20	1
13C2 6:2 FTS	97.9		40 - 200	08/29/25 08:32	08/29/25 12:20	1
13C2 8:2 FTS	94.0		40 - 300	08/29/25 08:32	08/29/25 12:20	1
13C3 HFPO-DA	96.6		40 - 130	08/29/25 08:32	08/29/25 12:20	1
d7-N-MeFOSE-M	96.9		10 - 130	08/29/25 08:32	08/29/25 12:20	1
d9-N-EtFOSE-M	78.2		10 - 130	08/29/25 08:32	08/29/25 12:20	1
d5-NEtPFOSA	76.0		10 - 130	08/29/25 08:32	08/29/25 12:20	1
d3-NMePFOSA	79.7		10 - 130	08/29/25 08:32	08/29/25 12:20	1
13C2-PFDoA	87.7		10 - 130	08/29/25 08:32	08/29/25 12:20	1
13C3-PFPrS	91.9		20 - 150	08/29/25 08:32	08/29/25 12:20	1
13C2 10:2 FTS	86.1		40 - 200	08/29/25 08:32	08/29/25 12:20	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 240-669780/1-A
Matrix: Solid
Analysis Batch: 669808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 669780

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 12:22	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 12:22	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0		ng/g		08/29/25 08:22	08/29/25 12:22	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0		ng/g		08/29/25 08:22	08/29/25 12:22	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 240-669780/1-A
Matrix: Solid
Analysis Batch: 669808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 669780

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40		ng/g		08/29/25 08:22	08/29/25 12:22	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0		ng/g		08/29/25 08:22	08/29/25 12:22	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20		ng/g		08/29/25 08:22	08/29/25 12:22	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.7*		*8 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C5 PFPeA	*95.3*		*35 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C5 PFHxA	*99.7*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C4 PFHpA	*93.3*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C8 PFOA	*98.1*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C9 PFNA	*91.2*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C6 PFDA	*90.8*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C7 PFUnA	*93.4*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C2 PFTeDA	*91.6*		*20 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C3 PFBS	*95.6*		*40 - 135*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C3 PFHxS	*96.9*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C8 PFOS	*92.2*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C8 FOSA	*86.1*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
d3-NMeFOSAA	*90.5*		*40 - 135*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
d5-NEtFOSAA	*88.1*		*40 - 150*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C2 4:2 FTS	*96.7*		*40 - 165*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C2 6:2 FTS	*90.1*		*40 - 215*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C2 8:2 FTS	*80.9*		*40 - 275*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C3 HFPO-DA	*93.8*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
d7-N-MeFOSE-M	*60.5*		*20 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
d9-N-EtFOSE-M	*56.9*		*15 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
d5-NEtPFOSA	*68.6*		*10 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
d3-NMePFOSA	*71.9*		*10 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C2-PFDoA	*90.5*		*40 - 130*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C3-PFPrS	*98.2*		*20 - 150*	*08/29/25 08:22*	*08/29/25 12:22*	*1*
13C2 10:2 FTS	*93.7*		*40 - 275*	*08/29/25 08:22*	*08/29/25 12:22*	*1*

Lab Sample ID: LCS 240-669780/3-A
Matrix: Solid
Analysis Batch: 669808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.75		ng/g		115	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.80		ng/g		112	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.54		ng/g		102	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.73		ng/g		109	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.81		ng/g		112	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 240-669780/3-A
Matrix: Solid
Analysis Batch: 669808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	2.50	2.66		ng/g		107	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.98		ng/g		119	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.99		ng/g		119	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.52		ng/g		101	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.79		ng/g		112	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.65		ng/g		106	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.14		ng/g		96	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.10		ng/g		89	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.15		ng/g		94	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.26		ng/g		95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.42		ng/g		104	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.50		ng/g		104	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.30		ng/g		95	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.99		ng/g		106	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.95		ng/g		104	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	5.62		ng/g		117	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.58		ng/g		103	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.72		ng/g		109	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.76		ng/g		110	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.86		ng/g		114	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.54		ng/g		102	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	14.3		ng/g		114	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	13.8		ng/g		110	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.99		ng/g		106	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.49		ng/g		105	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.62		ng/g		105	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	3.28		ng/g		131	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.49		ng/g		107	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 240-669780/3-A
Matrix: Solid
Analysis Batch: 669808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669780

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.30		ng/g		98	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.23		ng/g		100	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	5.56		ng/g		111	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	12.2		ng/g		98	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	12.3		ng/g		99	60 - 150		
Perfluorodecanesulfonic acid (PFDS)			2.41	2.40		ng/g		100	40 - 155		
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.64		ng/g		106	30 - 140		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*99.6*		*8 - 130*
13C5 PFPeA	*97.3*		*35 - 130*
13C5 PFHxA	*98.7*		*40 - 130*
13C4 PFHpA	*94.6*		*40 - 130*
13C8 PFOA	*103*		*40 - 130*
13C9 PFNA	*97.3*		*40 - 130*
13C6 PFDA	*96.7*		*40 - 130*
13C7 PFUnA	*99.1*		*40 - 130*
13C2 PFTeDA	*96.8*		*20 - 130*
13C3 PFBS	*99.9*		*40 - 135*
13C3 PFHxS	*99.8*		*40 - 130*
13C8 PFOS	*98.3*		*40 - 130*
13C8 FOSA	*91.4*		*40 - 130*
d3-NMeFOSAA	*92.8*		*40 - 135*
d5-NEtFOSAA	*86.6*		*40 - 150*
13C2 4:2 FTS	*99.3*		*40 - 165*
13C2 6:2 FTS	*92.2*		*40 - 215*
13C2 8:2 FTS	*84.1*		*40 - 275*
13C3 HFPO-DA	*95.6*		*40 - 130*
d7-N-MeFOSE-M	*67.9*		*20 - 130*
d9-N-EtFOSE-M	*60.6*		*15 - 130*
d5-NEtPFOSA	*71.9*		*10 - 130*
d3-NMePFOSA	*76.4*		*10 - 130*
13C2-PFDoA	*95.0*		*40 - 130*
13C3-PFPrS	*97.9*		*20 - 150*
13C2 10:2 FTS	*93.4*		*10 - 200*

Lab Sample ID: LLCS 240-669780/2-A
Matrix: Solid
Analysis Batch: 669808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669780

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)			0.500	0.567		ng/g		113	70 - 140		
Perfluoropentanoic acid (PFPeA)			0.250	0.277		ng/g		111	60 - 150		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 240-669780/2-A
Matrix: Solid
Analysis Batch: 669808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669780

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid (PFHxA)	0.250	0.253		ng/g		101	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.256		ng/g		102	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.278		ng/g		111	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.252		ng/g		101	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.290		ng/g		116	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.297		ng/g		119	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.243		ng/g		97	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.270		ng/g		108	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.259		ng/g		104	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.199	J	ng/g		90	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.207		ng/g		88	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.228		ng/g		100	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.216		ng/g		91	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.249		ng/g		107	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.245		ng/g		102	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.217		ng/g		90	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.484		ng/g		103	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.470		ng/g		99	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.540		ng/g		112	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.248		ng/g		99	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.244		ng/g		98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.277		ng/g		111	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.274		ng/g		110	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.255		ng/g		102	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.43		ng/g		114	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.37		ng/g		110	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.189	J	ng/g		101	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.231		ng/g		97	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.260		ng/g		104	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.310		ng/g		124	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 240-669780/2-A
Matrix: Solid
Analysis Batch: 669808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669780

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.236		ng/g		101	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.214		ng/g		91	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.205		ng/g		92	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.570		ng/g		114	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.20		ng/g		96	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	1.17		ng/g		94	60 - 150		
Perfluorodecanesulfonic acid (PFDS)			0.241	0.228		ng/g		95	40 - 155		
Perfluoro-3-methoxypropanoic acid (PFMPA)			0.250	0.255		ng/g		102	30 - 140		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*99.4*		*8 - 130*
13C5 PFPeA	*94.1*		*35 - 130*
13C5 PFHxA	*95.0*		*40 - 130*
13C4 PFHpA	*91.7*		*40 - 130*
13C8 PFOA	*103*		*40 - 130*
13C9 PFNA	*95.1*		*40 - 130*
13C6 PFDA	*95.5*		*40 - 130*
13C7 PFUnA	*96.7*		*40 - 130*
13C2 PFTeDA	*93.1*		*20 - 130*
13C3 PFBS	*99.1*		*40 - 135*
13C3 PFHxS	*98.6*		*40 - 130*
13C8 PFOS	*94.5*		*40 - 130*
13C8 FOSA	*87.8*		*40 - 130*
d3-NMeFOSAA	*89.5*		*40 - 135*
d5-NEtFOSAA	*84.4*		*40 - 150*
13C2 4:2 FTS	*102*		*40 - 165*
13C2 6:2 FTS	*95.1*		*40 - 215*
13C2 8:2 FTS	*81.5*		*40 - 275*
13C3 HFPO-DA	*94.0*		*40 - 130*
d7-N-MeFOSE-M	*60.2*		*20 - 130*
d9-N-EtFOSE-M	*54.6*		*15 - 130*
d5-NEtPFOSA	*67.5*		*10 - 130*
d3-NMePFOSA	*73.9*		*10 - 130*
13C2-PFDoA	*89.5*		*40 - 130*
13C3-PFPrS	*101*		*20 - 150*
13C2 10:2 FTS	*88.9*		*10 - 200*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 240-669783/1-A
Matrix: Water
Analysis Batch: 669819

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 669783

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.0	U	4.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluoropentanoic acid (PFPeA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorohexanoic acid (PFHxA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluoroheptanoic acid (PFHpA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorooctanoic acid (PFOA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorononanoic acid (PFNA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorodecanoic acid (PFDA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluoroundecanoic acid (PFUnA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorododecanoic acid (PFDoA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorotridecanoic acid (PFTrDA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorotetradecanoic acid (PFTeDA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorobutanesulfonic acid (PFBS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluoropentanesulfonic acid (PFPeS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorohexanesulfonic acid (PFHxS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluoroheptanesulfonic acid (PFHpS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorooctanesulfonic acid (PFOS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorononanesulfonic acid (PFNS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorododecanesulfonic acid (PFDoS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.0	U	4.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.0	U	4.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.0	U	4.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorooctanesulfonamide (PFOSA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10	U	10		ng/L		08/29/25 08:32	08/29/25 11:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10	U	10		ng/L		08/29/25 08:32	08/29/25 11:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.5	U	1.5		ng/L		08/29/25 08:32	08/29/25 11:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 240-669783/1-A
Matrix: Water
Analysis Batch: 669819

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 669783

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.0	U	4.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10	U	10		ng/L		08/29/25 08:32	08/29/25 11:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10	U	10		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluorodecanesulfonic acid (PFDS)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.0	U	2.0		ng/L		08/29/25 08:32	08/29/25 11:14	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*5 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C5 PFPeA	*100*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C5 PFHxA	*97.1*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C4 PFHpA	*96.7*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C8 PFOA	*93.6*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C9 PFNA	*92.5*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C6 PFDA	*97.2*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C7 PFUnA	*92.4*		*30 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C2 PFTeDA	*89.6*		*10 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C3 PFBS	*98.2*		*40 - 135*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C3 PFHxS	*97.3*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C8 PFOS	*96.2*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C8 FOSA	*90.4*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
d3-NMeFOSAA	*91.8*		*40 - 170*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
d5-NEtFOSAA	*87.5*		*25 - 135*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C2 4:2 FTS	*105*		*40 - 200*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C2 6:2 FTS	*92.4*		*40 - 200*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C2 8:2 FTS	*91.2*		*40 - 300*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C3 HFPO-DA	*93.2*		*40 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
d7-N-MeFOSE-M	*81.4*		*10 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
d9-N-EtFOSE-M	*73.3*		*10 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
d5-NEtPFOSA	*67.3*		*10 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
d3-NMePFOSA	*71.5*		*10 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C2-PFDoA	*86.1*		*10 - 130*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C3-PFPrS	*92.8*		*20 - 150*	*08/29/25 08:32*	*08/29/25 11:14*	*1*
13C2 10:2 FTS	*81.0*		*40 - 200*	*08/29/25 08:32*	*08/29/25 11:14*	*1*

Lab Sample ID: LCS 240-669783/3-A
Matrix: Water
Analysis Batch: 669819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	92.2		ng/L		115	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	46.1		ng/L		115	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	44.3		ng/L		111	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	40.5		ng/L		101	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	47.0		ng/L		118	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 240-669783/3-A
Matrix: Water
Analysis Batch: 669819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	40.0	45.4		ng/L		114	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	47.7		ng/L		119	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	47.2		ng/L		118	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	48.7		ng/L		122	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	45.5		ng/L		114	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	45.8		ng/L		115	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	33.3		ng/L		94	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	37.5		ng/L		100	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	33.5		ng/L		92	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	36.4		ng/L		95	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	40.4		ng/L		109	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	44.3		ng/L		115	65 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	40.4		ng/L		104	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	79.3		ng/L		106	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	87.3		ng/L		115	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	90.8		ng/L		118	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	45.6		ng/L		114	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	46.8		ng/L		117	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	47.7		ng/L		119	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	47.2		ng/L		118	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	48.7		ng/L		122	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	218		ng/L		109	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	228		ng/L		114	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	34.8		ng/L		116	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	43.4		ng/L		115	65 - 145
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	44.0		ng/L		110	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	49.0		ng/L		122	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	41.1		ng/L		110	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 240-669783/3-A
Matrix: Water
Analysis Batch: 669819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	40.0		ng/L		106	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	39.8		ng/L		112	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	92.3		ng/L		115	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	200		ng/L		100	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	188		ng/L		94	50 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	42.5		ng/L		110	60 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	46.3		ng/L		116	55 - 140

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*101*		*5 - 130*
13C5 PFPeA	*101*		*40 - 130*
13C5 PFHxA	*99.7*		*40 - 130*
13C4 PFHpA	*97.8*		*40 - 130*
13C8 PFOA	*93.2*		*40 - 130*
13C9 PFNA	*94.9*		*40 - 130*
13C6 PFDA	*96.9*		*40 - 130*
13C7 PFUnA	*92.3*		*30 - 130*
13C2 PFTeDA	*88.5*		*10 - 130*
13C3 PFBS	*99.1*		*40 - 135*
13C3 PFHxS	*99.8*		*40 - 130*
13C8 PFOS	*99.4*		*40 - 130*
13C8 FOSA	*93.2*		*40 - 130*
d3-NMeFOSAA	*95.5*		*40 - 170*
d5-NEtFOSAA	*88.4*		*25 - 135*
13C2 4:2 FTS	*103*		*40 - 200*
13C2 6:2 FTS	*94.5*		*40 - 200*
13C2 8:2 FTS	*89.0*		*40 - 300*
13C3 HFPO-DA	*97.0*		*40 - 130*
d7-N-MeFOSE-M	*86.2*		*10 - 130*
d9-N-EtFOSE-M	*75.1*		*10 - 130*
d5-NEtPFOSA	*72.1*		*10 - 130*
d3-NMePFOSA	*75.9*		*10 - 130*
13C2-PFDoA	*85.2*		*10 - 130*
13C3-PFPrS	*96.7*		*20 - 150*
13C2 10:2 FTS	*82.4*		*10 - 200*

Lab Sample ID: LLCS 240-669783/2-A
Matrix: Water
Analysis Batch: 669819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669783

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	9.48		ng/L		119	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	4.85		ng/L		121	65 - 135

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 240-669783/2-A
Matrix: Water
Analysis Batch: 669819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669783

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid (PFHxA)	4.00	4.67		ng/L		117	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	4.29		ng/L		107	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	4.98		ng/L		125	70 - 150
Perfluorononanoic acid (PFNA)	4.00	4.84		ng/L		121	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	5.04		ng/L		126	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	5.05		ng/L		126	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	5.05		ng/L		126	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	4.74		ng/L		118	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	4.74		ng/L		118	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.41		ng/L		96	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.85		ng/L		102	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.77		ng/L		103	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.75		ng/L		98	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	4.32		ng/L		116	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	4.41		ng/L		115	65 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	4.02		ng/L		104	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	9.05		ng/L		121	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	8.57		ng/L		112	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	8.96		ng/L		117	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.65		ng/L		116	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.73		ng/L		118	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	4.89		ng/L		122	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	4.96		ng/L		124	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	4.78		ng/L		119	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	22.9		ng/L		114	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	22.6		ng/L		113	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	3.55		ng/L		118	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	4.49		ng/L		119	65 - 145
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	4.69		ng/L		117	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	5.02		ng/L		125	50 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 240-669783/2-A
Matrix: Water
Analysis Batch: 669819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669783

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			3.74	4.10		ng/L		110	70 - 155		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			3.78	4.05		ng/L		107	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			3.57	3.93		ng/L		110	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			8.00	8.72		ng/L		109	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			20.0	20.4		ng/L		102	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			20.0	19.7		ng/L		98	50 - 145		
Perfluorodecanesulfonic acid (PFDS)			3.86	4.31		ng/L		112	60 - 145		
Perfluoro-3-methoxypropanoic acid (PFMPA)			4.00	4.69		ng/L		117	55 - 140		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*104*		*5 - 130*
13C5 PFPeA	*96.5*		*40 - 130*
13C5 PFHxA	*98.5*		*40 - 130*
13C4 PFHpA	*93.8*		*40 - 130*
13C8 PFOA	*94.7*		*40 - 130*
13C9 PFNA	*92.8*		*40 - 130*
13C6 PFDA	*98.9*		*40 - 130*
13C7 PFUnA	*93.1*		*30 - 130*
13C2 PFTeDA	*95.2*		*10 - 130*
13C3 PFBS	*102*		*40 - 135*
13C3 PFHxS	*99.5*		*40 - 130*
13C8 PFOS	*98.9*		*40 - 130*
13C8 FOSA	*96.3*		*40 - 130*
d3-NMeFOSAA	*92.8*		*40 - 170*
d5-NEtFOSAA	*89.5*		*25 - 135*
13C2 4:2 FTS	*101*		*40 - 200*
13C2 6:2 FTS	*96.3*		*40 - 200*
13C2 8:2 FTS	*94.4*		*40 - 300*
13C3 HFPO-DA	*93.0*		*40 - 130*
d7-N-MeFOSE-M	*76.2*		*10 - 130*
d9-N-EtFOSE-M	*66.7*		*10 - 130*
d5-NEtPFOSA	*77.8*		*10 - 130*
d3-NMePFOSA	*80.0*		*10 - 130*
13C2-PFDoA	*88.4*		*10 - 130*
13C3-PFPrS	*101*		*20 - 150*
13C2 10:2 FTS	*84.2*		*10 - 200*

LCMS

Prep Batch: 669780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-231859-1	IMPORTED FILL-LC1-082625-JA	Total/NA	Solid	1633 Shake	
MB 240-669780/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 240-669780/3-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LLCS 240-669780/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Prep Batch: 669783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-231859-2	FB-IMPORTED FILL-LC1-082625-JA	Total/NA	Water	1633	
MB 240-669783/1-A	Method Blank	Total/NA	Water	1633	
LCS 240-669783/3-A	Lab Control Sample	Total/NA	Water	1633	
LLCS 240-669783/2-A	Lab Control Sample	Total/NA	Water	1633	

Analysis Batch: 669808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-231859-1	IMPORTED FILL-LC1-082625-JA	Total/NA	Solid	1633A	669780
MB 240-669780/1-A	Method Blank	Total/NA	Solid	1633A	669780
LCS 240-669780/3-A	Lab Control Sample	Total/NA	Solid	1633A	669780
LLCS 240-669780/2-A	Lab Control Sample	Total/NA	Solid	1633A	669780

Analysis Batch: 669819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-231859-2	FB-IMPORTED FILL-LC1-082625-JA	Total/NA	Water	1633A	669783
MB 240-669783/1-A	Method Blank	Total/NA	Water	1633A	669783
LCS 240-669783/3-A	Lab Control Sample	Total/NA	Water	1633A	669783
LLCS 240-669783/2-A	Lab Control Sample	Total/NA	Water	1633A	669783

Lab Chronicle

Client: GHD Services Inc.
Job ID: 240-231859-1
Project/Site: 11225661, GSH - Love Canal

Client Sample ID: IMPORTED FILL-LC1-082625-JA
Lab Sample ID: 240-231859-1

Date Collected: 08/26/25 10:00
Matrix: Solid
Date Received: 08/28/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633 Shake			669780	CLB	EET CLE	08/29/25 08:22
Total/NA	Analysis	1633A		1	669808	MRL	EET CLE	08/29/25 13:11

Client Sample ID: FB-IMPORTED FILL-LC1-082625-JA
Lab Sample ID: 240-231859-2

Date Collected: 08/26/25 10:00
Matrix: Water
Date Received: 08/28/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			669783	JVB4	EET CLE	08/29/25 08:32
Total/NA	Analysis	1633A		1	669819	C4KB	EET CLE	08/29/25 12:20

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 240-231859-1
Project/Site: 11225661, GSH - Love Canal

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	06-30-26
New York	NELAP	10975	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-15-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-26

3.3/2.6

CHAIN OF CUSTODY RECORD

Laboratory: ALS
1565 Jefferson Road Building 300, Suite 360 Rochester, NY 14623
(585) 288-5380

WO # / LAB USE ONLY

DATE: 08/26/25
PAGE: 1 OF 1

LABORATORY CLIENT: GSH/Geosyntec	Report to Sheri Finn, Alden Wells, & Dennis Hoyt	CLIENT PROJECT NAME / NUMBER: Love Canal Imported Soil Sampling	P.O. NO.: 281-402-D02-3100
ADDRESS: 805 97th Street		PROJECT CONTACT: Alden Wells & Dennis Hoyt	SAMPLER(S): (PRINT) Justin Adams
CITY: Niagara Falls	STATE: NY ZIP: 14304		
TEL: 716-342-6968	Fax:	E-MAIL: alden.wells@geosyntec.com dhoyt@geosyntec.com	REQUESTED ANALYSES

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

SPECIAL INSTRUCTIONS: EVENT COMPLETE.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	1633 PFAS	1633 FB
	IMPORTED FILL-LC1-082625-JA	08/26/25	10:00	SO	1	X			X	
	FB-IMPORTED FILL-LC1-082625-JA	08/26/25	10:00	W	1	X				X

240-231859 COC

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
Justin Adams		8/26/2025		Martin		8/28/25	930

ALSI BOTTLE REQUEST FORM

Order ID:	250819019	Date Due:	08/19/25	Completed:	
		Time Due:	18:00		

Date Ordered:	08/19/25	Company Name:	GHD
Time Ordered:	16:04	Requested By:	Sherri Finn
Order Taken By:	Meghan Pedro	Project Name/No.:	11225661 Love Canal Imported Fill PFAS

Method of Delivery:	FS-Rochester-Drop Off	Additional Supplies	Labels Temperature Blanks Chain of Custodies - 1 Coolers Custody Seals 1
Address:	4700 Buffalo Ave Niagara Falls, NY 14304		
Attn:	Shawn Gardner		
Phone:	(716) 818-2743		

# of Bot.	# in Set	Size	Type	Preservation	Analyses
1	1	250 ml	P - Plastic	None	1633 PFAS
2	1	500 ml	P - Plastic	None	1633 FB

Special Notes		Sample Point ID's	

ID	Tracking Number	ID	Tracking Number	ID	Tracking Number

Eurofins – Cleveland Sample Receipt Form/Narrative Login # _____
Barberton Facility

Client ALS Site Name _____ Cooler unpacked by: lamartin

Cooler Received on 8/28/25 Opened on 8/28/25

FedEx: 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. Bubble Wrap Foam Plastic Bag None Other _____

COOLANT (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF -0.7 °C) Observed Cooler Temp 3.3 °C Corrected Cooler Temp 2.6 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3 Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4 Did custody papers accompany the sample(s)?	(Yes)	No
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6 Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7 Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	(Y)	
10 Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11 Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No (NA) pH Strip Lot# HC463162
14 Were VOAs on the COC?	Yes	(No)
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No (NA)
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes	(No)
17 Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by

Labels Verified by

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

8/28/2025

Login Container Summary Report

240-231859

8/29/2025

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
IMPORTED FILL-LC1-082625-JA	240-231859-A-1	Other Client Container unpreserved				
FB-IMPORTED FILL-LC1-082625-JA	240-231859-A-2	Other Client Container - unpreserved				

Isotope Dilution Summary

Client: GHD Services Inc.
Project/Site: 11225661, GSH - Love Canal

Job ID: 240-231859-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
240-231859-1	IMPORTED FILL-LC1-082625-J	95.0	80.2	84.0	78.5	98.9	93.6	97.1	98.6
MB 240-669780/1-A	Method Blank	95.7	95.3	99.7	93.3	98.1	91.2	90.8	93.4

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
240-231859-1	IMPORTED FILL-LC1-082625-J	94.1	90.2	92.3	89.3	113	96.1	97.0	152
MB 240-669780/1-A	Method Blank	91.6	95.6	96.9	92.2	86.1	90.5	88.1	96.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoDA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
240-231859-1	IMPORTED FILL-LC1-082625-J	109	148	76.9	63.8	54.5	72.9	77.5	97.0
MB 240-669780/1-A	Method Blank	90.1	80.9	93.8	60.5	56.9	68.6	71.9	90.5

		Percent Isotope Dilution Recovery (Acceptance Limits)	
		3C3-PFPr	M102FTS
Lab Sample ID	Client Sample ID	(20-150)	(40-275)
240-231859-1	IMPORTED FILL-LC1-082625-J	93.9	137
MB 240-669780/1-A	Method Blank	98.2	93.7

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoDA = 13C2-PFDoA
13C3-PFPrS = 13C3-PFPrS
M102FTS = 13C2 10:2 FTS

Isotope Dilution Summary

Client: GHD Services Inc. Job ID: 240-231859-1
Project/Site: 11225661, GSH - Love Canal

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
LCS 240-669780/3-A	Lab Control Sample	99.6	97.3	98.7	94.6	103	97.3	96.7	99.1
LLCS 240-669780/2-A	Lab Control Sample	99.4	94.1	95.0	91.7	103	95.1	95.5	96.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
LCS 240-669780/3-A	Lab Control Sample	96.8	99.9	99.8	98.3	91.4	92.8	86.6	99.3
LLCS 240-669780/2-A	Lab Control Sample	93.1	99.1	98.6	94.5	87.8	89.5	84.4	102

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoDA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
LCS 240-669780/3-A	Lab Control Sample	92.2	84.1	95.6	67.9	60.6	71.9	76.4	95.0
LLCS 240-669780/2-A	Lab Control Sample	95.1	81.5	94.0	60.2	54.6	67.5	73.9	89.5

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		3C3-PFPr	M102FTS						
Lab Sample ID	Client Sample ID	(20-150)	(10-200)						
LCS 240-669780/3-A	Lab Control Sample	97.9	93.4						
LLCS 240-669780/2-A	Lab Control Sample	101	88.9						

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoDA = 13C2-PFDoA
13C3-PFPrS = 13C3-PFPrS
M102FTS = 13C2 10:2 FTS

Isotope Dilution Summary

Client: GHD Services Inc. Job ID: 240-231859-1
Project/Site: 11225661, GSH - Love Canal

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
240-231859-2	FB-IMPORTED FILL-LC1-08262	105	100	99.4	96.2	96.0	98.8	100	96.5
MB 240-669783/1-A	Method Blank	103	100	97.1	96.7	93.6	92.5	97.2	92.4

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
240-231859-2	FB-IMPORTED FILL-LC1-08262	97.0	101	104	101	98.3	98.0	94.0	105
MB 240-669783/1-A	Method Blank	89.6	98.2	97.3	96.2	90.4	91.8	87.5	105

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoDA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
240-231859-2	FB-IMPORTED FILL-LC1-08262	97.9	94.0	96.6	96.9	78.2	76.0	79.7	87.7
MB 240-669783/1-A	Method Blank	92.4	91.2	93.2	81.4	73.3	67.3	71.5	86.1

		Percent Isotope Dilution Recovery (Acceptance Limits)	
		3C3-PFPr	M102FTS
Lab Sample ID	Client Sample ID	(20-150)	(40-200)
240-231859-2	FB-IMPORTED FILL-LC1-08262	91.9	86.1
MB 240-669783/1-A	Method Blank	92.8	81.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoDA = 13C2-PFDoA
13C3-PFPrS = 13C3-PFPrS
M102FTS = 13C2 10:2 FTS

Isotope Dilution Summary

Client: GHD Services Inc. Job ID: 240-231859-1
Project/Site: 11225661, GSH - Love Canal

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (5-130)	PFPeA (40-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (30-130)
LCS 240-669783/3-A	Lab Control Sample	101	101	99.7	97.8	93.2	94.9	96.9	92.3
LLCS 240-669783/2-A	Lab Control Sample	104	96.5	98.5	93.8	94.7	92.8	98.9	93.1

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-170)	d5NEFOS (25-135)	M242FTS (40-200)
LCS 240-669783/3-A	Lab Control Sample	88.5	99.1	99.8	99.4	93.2	95.5	88.4	103
LLCS 240-669783/2-A	Lab Control Sample	95.2	102	99.5	98.9	96.3	92.8	89.5	101

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)	HFPODA (40-130)	NMFM (10-130)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoDA (10-130)
LCS 240-669783/3-A	Lab Control Sample	94.5	89.0	97.0	86.2	75.1	72.1	75.9	85.2
LLCS 240-669783/2-A	Lab Control Sample	96.3	94.4	93.0	76.2	66.7	77.8	80.0	88.4

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	3C3-PFPr (20-150)	M102FTS (10-200)						
LCS 240-669783/3-A	Lab Control Sample	96.7	82.4						
LLCS 240-669783/2-A	Lab Control Sample	101	84.2						

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoDA = 13C2-PFDoA
13C3-PFPrS = 13C3-PFPrS
M102FTS = 13C2 10:2 FTS

August 18, 2025 Service Request No:R2508747

Alden Wells
Geosyntec
Ransomville, NY 14131

Laboratory Results for: Love Canal 11225661

Dear Alden,

Enclosed are the results of the sample(s) submitted to our laboratory July 22, 2025
For your reference, these analyses have been assigned our service request number **R2508747.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Sheri Finn

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747
Project: Love Canal 11225661 **Date Received:** 07/22/2025
Sample Matrix: Soil

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

One soil sample was received for analysis at ALS Environmental on 07/22/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

Method 8270E, 07/28/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270E, 07/28/2025: The control limit was exceeded for one or more surrogates in the Continuing Calibration Verification (CCV). The surrogates were within acceptance limits for the associated field samples. The data quality was not significantly affected and no further corrective action was taken.

Semivoa GC:

Method 8081B, 07/30/2025: The control limits were exceeded for analytes in the Continuing Calibration Verification (CCV). The QC failure was most likely due to the composition of the sample(s) immediately preceding the failing CCV. In order to protect the integrity of the instrument, no further corrective action was taken. Results should be considered estimated.
Method 8082A, 07/29/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Volatiles by GC/MS:

Method 8260D, 07/24/2025: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Report revised, client requested a report list update.

Approved by Meghan Pedro Date 08/05/2025

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: Imported Fill-LC1-072125-JA			Lab ID: R2508747-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
4,4'-DDE	8.5		0.97	2.0	ug/Kg	8081B
Arsenic, Total	3.5		0.8	1.1	mg/Kg	6010D
Barium, Total	152		0.3	2.2	mg/Kg	6010D
Benz(a)anthracene	220	J	58	390	ug/Kg	8270E
Benzo(a)pyrene	280	J	110	390	ug/Kg	8270E
Benzo(b)fluoranthene	400		65	390	ug/Kg	8270E
Benzo(g,h,i)perylene	180	J	89	390	ug/Kg	8270E
Benzo(k)fluoranthene	150	J	63	390	ug/Kg	8270E
Beryllium, Total	0.38		0.04	0.33	mg/Kg	6010D
Cadmium, Total	0.54	J	0.1	0.56	mg/Kg	6010D
Chromium, Total	13.0		0.4	1.1	mg/Kg	6010D
Chrysene	330	J	57	390	ug/Kg	8270E
Copper, Total	13.7		0.3	2.2	mg/Kg	6010D
Fluoranthene	600		97	390	ug/Kg	8270E
Indeno(1,2,3-cd)pyrene	220	J	130	390	ug/Kg	8270E
Lead, Total	31.5		0.5	5.6	mg/Kg	6010D
m,p-Cresols	100	J	74	390	ug/Kg	8270E
Manganese, Total	180		0.6	2.2	mg/Kg	6010D
Mercury, Total	0.055		0.015	0.022	mg/Kg	7471B
Nickel, Total	12.8		0.8	4.4	mg/Kg	6010D
Phenanthrene	300	J	55	390	ug/Kg	8270E
Pyrene	470		64	390	ug/Kg	8270E
Total Solids	83.3				Percent	ALS SOP
Zinc, Total	82.9		1.6	2.2	mg/Kg	6010D

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:**R2508747

Project: Love Canal 11225661/Imported Soil Sampling

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2508747-001	Imported Fill-LC1-072125-JA	7/21/2025	1000

CHAIN OF CUSTODY RECORD

Laboratory: ALS
1565 Jefferson Road Building 300, Suite 360 Rochester, NY 14623
(585) 288-5380

WO # / LAB USE ONLY:

DATE: 07/21/25
PAGE: 1 OF 1

LABORATORY CLIENT: GSH/Geosyntec
Report to Shen Finn, Alden Wells, & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-342-6968 Fax:

CLIENT PROJECT NAME / NUMBER: Love Canal Imported Soil Sampling

PROJECT CONTACT: Alden Wells & Dennis Hoyt

E-MAIL: alden.wells@geosyntec.com dhoyt@geosyntec.com

P.O NO.: 281-402-D02-3100

SAMPLER(S) (PRINT): Justin Adams

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

SPECIAL INSTRUCTIONS: EVENT COMPLETE.

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	8260	8270 / 8081 / 8082	TAL Metals Cyanide
	IMPORTED FILL-LC1-072125-JA	07/21/25	10:00	SO	3	X			X	X	X

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
Justin Adams		7/21/2025	1030	Cashlyn Hipps		7-22-25	12:05

R2508747 5
Geosyntec
Love Canal 11226651

R2508747 5
Geosyntec
Love Canal 11226661

Cooler Receipt and Preservation Check Form

Project/Client Glen Springs Folder Number

Cooler received on 7-22-25 by: CH

COURIER: ALS UPS (FEDEX) VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	(Y) N
2	**Custody papers** properly completed (ink, signed)?	(Y) N
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N
4	Circle: (Wet Ice) **Dry Ice Gel packs** present?	(Y) N

5a	Did **VOA** vials have sig* **bubbles?**				Y N (NA)
5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?**	Y N (NA)	
6	Where did the bottles originate?	(ALS/ROC) CLIENT			
7	Soil VOA received as: (Bulk) Encore 5035set NA				

8. Temperature Readings Date: 7-22-25 Time: 12:49 ID: (IR#12) IR#11 From: Temp Blank (Sample Bottle)

Temp (°C)	3.3						
Within 0-6°C?	(Y) N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by CH on 7.22 at 12:50

5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 7-22-25 Time: 14:42 by: CH

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**						

Bottle lot numbers: 040725-35G 040725-15R

Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: CH

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747
Project: Love Canal 11225661/Imported Soil Sampling

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
ALS SOP	Soil	Total Solids

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling		

Sample Name:	Imported Fill-LC1-072125-JA	**Date Collected:**	07/21/25
Lab Code:	R2508747-001	**Date Received:**	07/22/25
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010D	MKASTAN	ECASTROVINCI
7471B	ECASTROVINCI	ECASTROVINCI
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8151A	AMOSES	AFELSER
8260D		FNAEGLER
8270E	JVANHEYNINGEN	AMOSES
9012B	GNITAJOUPPI	GNITAJOUPPI
ALS SOP		HCASTROVINCI

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
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Phone (585) 288-5380 Fax (585) 288-8475
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Units:**	ug/Kg
Lab Code:	R2508747-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS, Unp

Analysis Method: 8260D
Prep Method: Bulk/5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	6.0 U	6.0	0.25	1	07/24/25 13:39	
1,1-Dichloroethane (1,1-DCA)	6.0 U	6.0	0.25	1	07/24/25 13:39	
1,1-Dichloroethene (1,1-DCE)	6.0 U	6.0	0.25	1	07/24/25 13:39	
1,2,4-Trimethylbenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
1,2-Dichlorobenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
1,2-Dichloroethane	6.0 U	6.0	0.25	1	07/24/25 13:39	
1,3,5-Trimethylbenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
1,3-Dichlorobenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
1,4-Dichlorobenzene	6.0 U	6.0	0.27	1	07/24/25 13:39	
1,4-Dioxane	120 U	120	25	1	07/24/25 13:39	
2-Butanone (MEK)	6.0 U	6.0	2.5	1	07/24/25 13:39	
Acetone	6.0 U	6.0	5.7	1	07/24/25 13:39	
Benzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
Carbon Tetrachloride	6.0 U	6.0	0.67	1	07/24/25 13:39	
Chlorobenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
Chloroform	6.0 U	6.0	0.25	1	07/24/25 13:39	
Dichloromethane	6.0 U	6.0	1.2	1	07/24/25 13:39	
Ethylbenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
Methyl tert-Butyl Ether	6.0 U	6.0	0.25	1	07/24/25 13:39	
Tetrachloroethene (PCE)	6.0 U	6.0	0.28	1	07/24/25 13:39	
Toluene	6.0 U	6.0	0.25	1	07/24/25 13:39	
Trichloroethene (TCE)	6.0 U	6.0	0.27	1	07/24/25 13:39	
Vinyl Chloride	6.0 U	6.0	0.56	1	07/24/25 13:39	
cis-1,2-Dichloroethene	6.0 U	6.0	0.25	1	07/24/25 13:39	
m,p-Xylenes	12 U	12	0.25	1	07/24/25 13:39	
n-Butylbenzene	6.0 U	6.0	0.38	1	07/24/25 13:39	
n-Propylbenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
o-Xylene	6.0 U	6.0	0.29	1	07/24/25 13:39	
sec-Butylbenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
tert-Butylbenzene	6.0 U	6.0	0.25	1	07/24/25 13:39	
trans-1,2-Dichloroethene	6.0 U	6.0	0.25	1	07/24/25 13:39	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Units:**	ug/Kg
Lab Code:	R2508747-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS, Unp

Analysis Method: 8260D
Prep Method: Bulk/5035A

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	87	31 - 154	07/24/25 13:39	
Dibromofluoromethane	96	63 - 138	07/24/25 13:39	
Toluene-d8	95	66 - 138	07/24/25 13:39	

Semivolatile Organic Compounds by GC/MS

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Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Units:**	ug/Kg
Lab Code:	R2508747-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	78 U	78	38	1	07/29/25 08:39	7/25/25	
o-Cresol	390 U	390	80	1	07/29/25 08:39	7/25/25	
m,p-Cresols	**100 J**	390	74	1	07/29/25 08:39	7/25/25	
Acenaphthene	390 U	390	73	1	07/29/25 08:39	7/25/25	
Acenaphthylene	390 U	390	78	1	07/29/25 08:39	7/25/25	
Anthracene	390 U	390	65	1	07/29/25 08:39	7/25/25	
Benz(a)anthracene	**220 J**	390	58	1	07/29/25 08:39	7/25/25	
Benzo(a)pyrene	**280 J**	390	110	1	07/29/25 08:39	7/25/25	
Benzo(b)fluoranthene	**400**	390	65	1	07/29/25 08:39	7/25/25	
Benzo(g,h,i)perylene	**180 J**	390	89	1	07/29/25 08:39	7/25/25	
Benzo(k)fluoranthene	**150 J**	390	63	1	07/29/25 08:39	7/25/25	
Chrysene	**330 J**	390	57	1	07/29/25 08:39	7/25/25	
Dibenz(a,h)anthracene	390 U	390	84	1	07/29/25 08:39	7/25/25	
Dibenzofuran	390 U	390	70	1	07/29/25 08:39	7/25/25	
Fluoranthene	**600**	390	97	1	07/29/25 08:39	7/25/25	
Fluorene	390 U	390	72	1	07/29/25 08:39	7/25/25	
Hexachlorobenzene	390 U	390	93	1	07/29/25 08:39	7/25/25	
Indeno(1,2,3-cd)pyrene	**220 J**	390	130	1	07/29/25 08:39	7/25/25	
Naphthalene	390 U	390	72	1	07/29/25 08:39	7/25/25	
Pentachlorophenol	2000 U	2000	390	1	07/29/25 08:39	7/25/25	
Phenanthrene	**300 J**	390	55	1	07/29/25 08:39	7/25/25	
Phenol	390 U	390	78	1	07/29/25 08:39	7/25/25	
Pyrene	**470**	390	64	1	07/29/25 08:39	7/25/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	68	18 - 123	07/29/25 08:39	
2-Fluorobiphenyl	52	18 - 104	07/29/25 08:39	
2-Fluorophenol	52	13 - 96	07/29/25 08:39	
Nitrobenzene-d5	46	12 - 98	07/29/25 08:39	
Phenol-d6	50	16 - 95	07/29/25 08:39	
p-Terphenyl-d14	66	26 - 134	07/29/25 08:39	

Semivolatile Organic Compounds by GC

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Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Units:**	ug/Kg
Lab Code:	R2508747-001	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Analysis Method: 8081B
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
4,4'-DDE	**8.5**	2.0	0.97	1	07/30/25 22:36	7/25/25	
4,4'-DDT	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Aldrin	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Dieldrin	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Endosulfan I	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Endosulfan II	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Endosulfan Sulfate	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Endrin	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Endrin Aldehyde	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Endrin Ketone	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Heptachlor	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Heptachlor Epoxide	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Methoxychlor	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
Toxaphene	38 U	38	22	1	07/30/25 22:36	7/25/25	
alpha-BHC	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
alpha-Chlordane	**2.0 PU**	2.0	0.97	1	07/30/25 22:36	7/25/25	
beta-BHC	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
delta-BHC	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
gamma-BHC (Lindane)	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	
gamma-Chlordane	2.0 U	2.0	0.97	1	07/30/25 22:36	7/25/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	37	10 - 159	07/30/25 22:36	
Tetrachloro-m-xylene	48	10 - 132	07/30/25 22:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Units:**	ug/Kg
Lab Code:	R2508747-001	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	38 U	38	20	1	07/29/25 00:08	7/25/25	
Aroclor 1221	77 U	77	30	1	07/29/25 00:08	7/25/25	
Aroclor 1232	38 U	38	22	1	07/29/25 00:08	7/25/25	
Aroclor 1242	38 U	38	20	1	07/29/25 00:08	7/25/25	
Aroclor 1248	38 U	38	21	1	07/29/25 00:08	7/25/25	
Aroclor 1254	38 U	38	20	1	07/29/25 00:08	7/25/25	
Aroclor 1260	38 U	38	20	1	07/29/25 00:08	7/25/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 138	07/29/25 00:08	
Tetrachloro-m-xylene	36	11 - 122	07/29/25 00:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Units:**	ug/Kg
Lab Code:	R2508747-001	**Basis:**	Dry

Chlorinated Herbicides by GC

Analysis Method: 8151A
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2,4,5-TP	12 U	12	5.4	1	07/31/25 18:24	7/29/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
DCAA	100	10 - 151	07/31/25 18:24	

Metals

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Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Basis:**	Dry
Lab Code:	R2508747-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic, Total	6010D	**3.5**	mg/Kg	1.1	0.8	1	07/25/25 21:57	07/25/25	
Barium, Total	6010D	**152**	mg/Kg	2.2	0.3	1	07/25/25 21:57	07/25/25	
Beryllium, Total	6010D	**0.38**	mg/Kg	0.33	0.04	1	07/25/25 21:57	07/25/25	
Cadmium, Total	6010D	**0.54 J**	mg/Kg	0.56	0.1	1	07/25/25 21:57	07/25/25	
Chromium, Total	6010D	**13.0**	mg/Kg	1.1	0.4	1	07/25/25 21:57	07/25/25	
Copper, Total	6010D	**13.7**	mg/Kg	2.2	0.3	1	07/25/25 21:57	07/25/25	
Lead, Total	6010D	**31.5**	mg/Kg	5.6	0.5	1	07/25/25 21:57	07/25/25	
Manganese, Total	6010D	**180**	mg/Kg	2.2	0.6	1	07/25/25 21:57	07/25/25	
Mercury, Total	7471B	**0.055**	mg/Kg	0.022	0.015	1	07/23/25 13:54	07/23/25	
Nickel, Total	6010D	**12.8**	mg/Kg	4.4	0.8	1	07/25/25 21:57	07/25/25	
Selenium, Total	6010D	1.1 U	mg/Kg	1.1	0.7	1	07/25/25 21:57	07/25/25	
Silver, Total	6010D	1.1 U	mg/Kg	1.1	0.2	1	07/25/25 21:57	07/25/25	
Zinc, Total	6010D	**82.9**	mg/Kg	2.2	1.6	1	07/25/25 21:57	07/25/25	

General Chemistry

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Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Basis:**	Dry
Lab Code:	R2508747-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.34 U	mg/Kg	0.34	0.20	1	07/23/25 15:31	07/23/25	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	07/21/25 10:00
Sample Matrix:	Soil	**Date Received:**	07/22/25 12:05
Sample Name:	Imported Fill-LC1-072125-JA	**Basis:**	As Received
Lab Code:	R2508747-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**83.3**	Percent	-	-	1	07/31/25 15:00	NA	

QC Summary Forms

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Volatile Organic Compounds by GC/MS

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Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747

Project: Love Canal 11225661/Imported Soil Sampling

Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS, Unp

Analysis Method: 8260D

Extraction Method: Bulk/5035A

Sample Name	Lab Code	4-Bromofluorobenzene 31 - 154	Dibromofluoromethane 63 - 138	Toluene-d8 66 - 138
Imported Fill-LC1-072125-JA	R2508747-001	87	96	95
Lab Control Sample	RQ2509614-02	103	100	101
Method Blank	RQ2509614-03	101	99	102

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2509614-03	**Basis:**	Dry

Volatile Organic Compounds by GC/MS, Unp

Analysis Method: 8260D
Prep Method: Bulk/5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	07/24/25 11:36	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	07/24/25 11:36	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	07/24/25 11:36	
1,2,4-Trimethylbenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
1,2-Dichlorobenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	07/24/25 11:36	
1,3,5-Trimethylbenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
1,3-Dichlorobenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
1,4-Dichlorobenzene	5.0 U	5.0	0.22	1	07/24/25 11:36	
1,4-Dioxane	100 U	100	20	1	07/24/25 11:36	
2-Butanone (MEK)	5.0 U	5.0	2.0	1	07/24/25 11:36	
Acetone	5.0 U	5.0	4.7	1	07/24/25 11:36	
Benzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
Carbon Tetrachloride	5.0 U	5.0	0.55	1	07/24/25 11:36	
Chlorobenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
Chloroform	5.0 U	5.0	0.20	1	07/24/25 11:36	
Dichloromethane	5.0 U	5.0	0.92	1	07/24/25 11:36	
Ethylbenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
Methyl tert-Butyl Ether	5.0 U	5.0	0.20	1	07/24/25 11:36	
Tetrachloroethene (PCE)	5.0 U	5.0	0.23	1	07/24/25 11:36	
Toluene	5.0 U	5.0	0.20	1	07/24/25 11:36	
Trichloroethene (TCE)	5.0 U	5.0	0.22	1	07/24/25 11:36	
Vinyl Chloride	5.0 U	5.0	0.46	1	07/24/25 11:36	
cis-1,2-Dichloroethene	5.0 U	5.0	0.20	1	07/24/25 11:36	
m,p-Xylenes	10 U	10	0.20	1	07/24/25 11:36	
n-Butylbenzene	5.0 U	5.0	0.31	1	07/24/25 11:36	
n-Propylbenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
o-Xylene	5.0 U	5.0	0.24	1	07/24/25 11:36	
sec-Butylbenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
tert-Butylbenzene	5.0 U	5.0	0.20	1	07/24/25 11:36	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	07/24/25 11:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2509614-03	**Basis:**	Dry

Volatile Organic Compounds by GC/MS, Unp

Analysis Method: 8260D
Prep Method: Bulk/5035A

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	31 - 154	07/24/25 11:36	
Dibromofluoromethane	99	63 - 138	07/24/25 11:36	
Toluene-d8	102	66 - 138	07/24/25 11:36	

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747
Project: Love Canal 11225661/Imported Soil Sampling **Date Analyzed:** 07/24/25
Sample Matrix: Soil

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unp

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ2509614-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	19.9	20.0	100	68-123
1,1-Dichloroethane (1,1-DCA)	8260D	19.5	20.0	98	76-123
1,1-Dichloroethene (1,1-DCE)	8260D	20.7	20.0	104	67-147
1,2,4-Trimethylbenzene	8260D	21.1	20.0	105	67-121
1,2-Dichlorobenzene	8260D	20.9	20.0	104	75-116
1,2-Dichloroethane	8260D	19.8	20.0	99	74-116
1,3,5-Trimethylbenzene	8260D	21.1	20.0	106	66-122
1,3-Dichlorobenzene	8260D	20.9	20.0	104	72-118
1,4-Dichlorobenzene	8260D	20.5	20.0	103	72-117
1,4-Dioxane	8260D	321	400	80	59-147
2-Butanone (MEK)	8260D	16.4	20.0	82	67-129
Acetone	8260D	16.7	20.0	83	32-154
Benzene	8260D	20.9	20.0	105	77-114
Carbon Tetrachloride	8260D	22.4	20.0	112	51-123
Chlorobenzene	8260D	20.4	20.0	102	79-115
Chloroform	8260D	19.8	20.0	99	76-115
Dichloromethane	8260D	18.6	20.0	93	72-118
Ethylbenzene	8260D	21.4	20.0	107	64-118
Methyl tert-Butyl Ether	8260D	18.3	20.0	92	76-118
Tetrachloroethene (PCE)	8260D	21.5	20.0	107	58-124
Toluene	8260D	20.8	20.0	104	72-116
Trichloroethene (TCE)	8260D	20.3	20.0	102	69-118
Vinyl Chloride	8260D	22.7	20.0	114	59-153
cis-1,2-Dichloroethene	8260D	19.7	20.0	98	79-113
m,p-Xylenes	8260D	43.2	40.0	108	68-118
n-Butylbenzene	8260D	22.5	20.0	113	54-131
n-Propylbenzene	8260D	21.5	20.0	107	59-126
o-Xylene	8260D	20.8	20.0	104	71-116
sec-Butylbenzene	8260D	21.6	20.0	108	54-128
tert-Butylbenzene	8260D	21.8	20.0	109	58-123
trans-1,2-Dichloroethene	8260D	20.3	20.0	102	73-114

Semivolatile Organic Compounds by GC/MS

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Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747

Project: Love Canal 11225661/Imported Soil Sampling

Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E

Extraction Method: EPA 3546

Sample Name	Lab Code	2,4,6-Tribromophenol 18 - 123	2-Fluorobiphenyl 18 - 104	2-Fluorophenol 13 - 96
Imported Fill-LC1-072125-JA	R2508747-001	68	52	52
Method Blank	RQ2509638-01	106	80	79
Lab Control Sample	RQ2509638-02	96	64	57
Duplicate Lab Control Sample	RQ2509638-03	84	54	48

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747

Project: Love Canal 11225661/Imported Soil Sampling

Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E

Extraction Method: EPA 3546

Sample Name	Lab Code	Nitrobenzene-d5 12 - 98	Phenol-d6 16 - 95	p-Terphenyl-d14 26 - 134
Imported Fill-LC1-072125-JA	R2508747-001	46	50	66
Method Blank	RQ2509638-01	76	75	103
Lab Control Sample	RQ2509638-02	51	58	81
Duplicate Lab Control Sample	RQ2509638-03	44	48	72

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2509638-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	67	U	67	32	1	07/28/25 21:28	7/25/25	
o-Cresol	330	U	330	69	1	07/28/25 21:28	7/25/25	
m,p-Cresols	330	U	330	63	1	07/28/25 21:28	7/25/25	
Acenaphthene	330	U	330	63	1	07/28/25 21:28	7/25/25	
Acenaphthylene	330	U	330	67	1	07/28/25 21:28	7/25/25	
Anthracene	330	U	330	55	1	07/28/25 21:28	7/25/25	
Benz(a)anthracene	330	U	330	49	1	07/28/25 21:28	7/25/25	
Benzo(a)pyrene	330	U	330	88	1	07/28/25 21:28	7/25/25	
Benzo(b)fluoranthene	330	U	330	55	1	07/28/25 21:28	7/25/25	
Benzo(g,h,i)perylene	330	U	330	76	1	07/28/25 21:28	7/25/25	
Benzo(k)fluoranthene	330	U	330	54	1	07/28/25 21:28	7/25/25	
Chrysene	330	U	330	49	1	07/28/25 21:28	7/25/25	
Dibenz(a,h)anthracene	330	U	330	72	1	07/28/25 21:28	7/25/25	
Dibenzofuran	330	U	330	60	1	07/28/25 21:28	7/25/25	
Fluoranthene	330	U	330	83	1	07/28/25 21:28	7/25/25	
Fluorene	330	U	330	62	1	07/28/25 21:28	7/25/25	
Hexachlorobenzene	330	U	330	79	1	07/28/25 21:28	7/25/25	
Indeno(1,2,3-cd)pyrene	330	U	330	110	1	07/28/25 21:28	7/25/25	
Naphthalene	330	U	330	62	1	07/28/25 21:28	7/25/25	
Pentachlorophenol	1700	U	1700	330	1	07/28/25 21:28	7/25/25	
Phenanthrene	330	U	330	47	1	07/28/25 21:28	7/25/25	
Phenol	330	U	330	67	1	07/28/25 21:28	7/25/25	
Pyrene	330	U	330	55	1	07/28/25 21:28	7/25/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	106	18 - 123	07/28/25 21:28	
2-Fluorobiphenyl	80	18 - 104	07/28/25 21:28	
2-Fluorophenol	79	13 - 96	07/28/25 21:28	
Nitrobenzene-d5	76	12 - 98	07/28/25 21:28	
Phenol-d6	75	16 - 95	07/28/25 21:28	
p-Terphenyl-d14	103	26 - 134	07/28/25 21:28	

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747
Project: Love Canal 11225661/Imported Soil Sampling **Date Analyzed:** 07/28/25
Sample Matrix: Soil

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2509638-02			RQ2509638-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,4-Dioxane	8270E	1190	3330	36	1010	3330	30	10-58	16	30
o-Cresol	8270E	2270	3330	68	1920	3330	58	33-99	17	30
m,p-Cresols	8270E	2340	3330	70	1990	3330	60	32-100	16	30
Acenaphthene	8270E	2250	3330	68	1980	3330	59	41-110	13	30
Acenaphthylene	8270E	2630	3330	79	2300	3330	69	44-122	14	30
Anthracene	8270E	2550	3330	76	2350	3330	70	41-123	8	30
Benz(a)anthracene	8270E	2570	3330	77	2310	3330	69	44-116	11	30
Benzo(a)pyrene	8270E	3060	3330	92	2720	3330	82	56-146	12	30
Benzo(b)fluoranthene	8270E	2500	3330	75	2260	3330	68	47-120	10	30
Benzo(g,h,i)perylene	8270E	2690	3330	81	2440	3330	73	41-129	10	30
Benzo(k)fluoranthene	8270E	2760	3330	83	2500	3330	75	49-124	10	30
Chrysene	8270E	2700	3330	81	2430	3330	73	44-119	10	30
Dibenz(a,h)anthracene	8270E	2770	3330	83	2520	3330	75	18-146	9	30
Dibenzofuran	8270E	2400	3330	72	2140	3330	64	43-113	12	30
Fluoranthene	8270E	2650	3330	79	2410	3330	72	39-128	9	30
Fluorene	8270E	2490	3330	75	2220	3330	67	40-117	11	30
Hexachlorobenzene	8270E	2350	3330	71	2150	3330	65	35-122	9	30
Indeno(1,2,3-cd)pyrene	8270E	2770	3330	83	2520	3330	76	43-129	9	30
Naphthalene	8270E	1740	3330	52	1550	3330	46	31-93	12	30
Pentachlorophenol	8270E	2770	3330	83	2540	3330	76	36-138	9	30
Phenanthrene	8270E	2330	3330	70	2130	3330	64	39-120	9	30
Phenol	8270E	2100	3330	63	1780	3330	53	31-100	17	30
Pyrene	8270E	2500	3330	75	2250	3330	68	45-125	10	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747

Project: Love Canal 11225661/Imported Soil Sampling

Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY

Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Analysis Method: 8081B

Extraction Method: EPA 3546

Sample Name	Lab Code	Decachlorobiphenyl 10 - 159	Tetrachloro-m-xylene 10 - 132
Imported Fill-LC1-072125-JA	R2508747-001	37	48
Method Blank	RQ2509632-01	53	61
Lab Control Sample	RQ2509632-02	52	68
Duplicate Lab Control Sample	RQ2509632-03	50	57

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2509632-01	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Analysis Method: 8081B
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
4,4'-DDE	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
4,4'-DDT	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Aldrin	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Dieldrin	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Endosulfan I	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Endosulfan II	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Endosulfan Sulfate	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Endrin	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Endrin Aldehyde	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Endrin Ketone	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Heptachlor	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Heptachlor Epoxide	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Methoxychlor	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
Toxaphene	33 U	33	19	1	07/29/25 11:39	7/25/25	
alpha-BHC	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
alpha-Chlordane	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
beta-BHC	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
delta-BHC	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
gamma-BHC (Lindane)	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	
gamma-Chlordane	1.7 U	1.7	0.84	1	07/29/25 11:39	7/25/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	10 - 159	07/29/25 11:39	
Tetrachloro-m-xylene	61	10 - 132	07/29/25 11:39	

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747
Project: Love Canal 11225661/Imported Soil Sampling **Date Analyzed:** 07/29/25
Sample Matrix: Soil

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2509632-02			RQ2509632-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	4.07	4.75	86	4.00	4.68	86	48-121	2	30
4,4'-DDE	8081B	3.86	4.75	81	3.68	4.68	79	51-119	5	30
4,4'-DDT	8081B	4.07	4.75	86	3.99	4.68	85	51-126	2	30
Aldrin	8081B	3.56	4.75	75	3.29	4.68	70	45-109	8	30
Dieldrin	8081B	3.81	4.75	80	3.59	4.68	77	56-111	6	30
Endosulfan I	8081B	3.46	4.75	73	3.17	4.68	68	54-109	9	30
Endosulfan II	8081B	3.82	4.75	80	3.59	4.68	77	50-116	6	30
Endosulfan Sulfate	8081B	3.92	4.75	83	3.74	4.68	80	55-115	5	30
Endrin	8081B	3.84	4.75	81	3.71	4.68	79	49-124	3	30
Endrin Aldehyde	8081B	4.06	4.75	86	4.03	4.68	86	21-139	<1	30
Endrin Ketone	8081B	3.96	4.75	83	3.90	4.68	83	50-124	2	30
Heptachlor	8081B	3.73	4.75	79	3.46	4.68	74	43-115	7	30
Heptachlor Epoxide	8081B	3.67	4.75	77	3.46	4.68	74	53-113	6	30
Methoxychlor	8081B	4.61	4.75	97	4.58	4.68	98	47-141	<1	30
alpha-BHC	8081B	3.50	4.75	74	3.13	4.68	67	44-109	11	30
alpha-Chlordane	8081B	3.79	4.75	80	3.49	4.68	75	52-114	8	30
beta-BHC	8081B	3.61	4.75	76	3.55	4.68	76	49-119	2	30
delta-BHC	8081B	3.84	4.75	81	3.69	4.68	79	49-113	4	30
gamma-BHC (Lindane)	8081B	3.49	4.75	74	3.12	4.68	67	43-112	11	30
gamma-Chlordane	8081B	3.77	4.75	79	3.57	4.68	76	51-117	5	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747

Project: Love Canal 11225661/Imported Soil Sampling

Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY

Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Analysis Method: 8082A

Extraction Method: EPA 3546

Sample Name	Lab Code	Decachlorobiphenyl 10 - 138	Tetrachloro-m-xylene 11 - 122
Imported Fill-LC1-072125-JA	R2508747-001	42	36
Method Blank	RQ2509632-01	48	61
Lab Control Sample	RQ2509632-04	53	64
Duplicate Lab Control Sample	RQ2509632-05	50	59

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2509632-01	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	25 U	25	17	1	07/28/25 21:32	7/25/25	
Aroclor 1221	50 U	50	26	1	07/28/25 21:32	7/25/25	
Aroclor 1232	25 U	25	19	1	07/28/25 21:32	7/25/25	
Aroclor 1242	25 U	25	17	1	07/28/25 21:32	7/25/25	
Aroclor 1248	25 U	25	18	1	07/28/25 21:32	7/25/25	
Aroclor 1254	25 U	25	17	1	07/28/25 21:32	7/25/25	
Aroclor 1260	25 U	25	17	1	07/28/25 21:32	7/25/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 138	07/28/25 21:32	
Tetrachloro-m-xylene	61	11 - 122	07/28/25 21:32	

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747
Project: Love Canal 11225661/Imported Soil Sampling **Date Analyzed:** 07/28/25
Sample Matrix: Soil

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Units:ug/Kg
Basis: Dry

			Lab Control Sample		Duplicate Lab Control Sample					
			RQ2509632-04		RQ2509632-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	95.3	122	78	85.5	118	72	34-141	11	30
Aroclor 1260	8082A	102	122	84	90.2	118	76	30-158	12	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747

Project: Love Canal 11225661/Imported Soil Sampling

Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Chlorinated Herbicides by GC

Analysis Method: 8151A

Extraction Method: Method

Sample Name	Lab Code	DCAA 10 - 151
Imported Fill-LC1-072125-JA	R2508747-001	100
Method Blank	RQ2509807-01	89
Lab Control Sample	RQ2509807-02	101
Duplicate Lab Control Sample	RQ2509807-03	80

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2509807-01	**Basis:**	Dry

Chlorinated Herbicides by GC

Analysis Method: 8151A
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2,4,5-TP	10 U	10	4.5	1	07/31/25 17:29	7/29/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
DCAA	89	10 - 151	07/31/25 17:29	

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747
Project: Love Canal 11225661/Imported Soil Sampling **Date Analyzed:** 08/01/25
Sample Matrix: Soil

Duplicate Lab Control Sample Summary
Chlorinated Herbicides by GC

Units:ug/Kg
Basis: Dry

			Lab Control Sample			Duplicate Lab Control Sample				
			RQ2509807-02			RQ2509807-03				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2,4,5-TP	8151A	48.2	49.6	97	43.3	49.5	87	18-122	11	30

Metals

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	R2508747-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic, Total	6010D	1.0 U	mg/Kg	1.0	0.7	1	07/25/25 20:23	07/25/25	
Barium, Total	6010D	2.0 U	mg/Kg	2.0	0.3	1	07/25/25 20:23	07/25/25	
Beryllium, Total	6010D	0.30 U	mg/Kg	0.30	0.03	1	07/25/25 20:23	07/25/25	
Cadmium, Total	6010D	0.50 U	mg/Kg	0.50	0.09	1	07/25/25 20:23	07/25/25	
Chromium, Total	6010D	1.0 U	mg/Kg	1.0	0.4	1	07/25/25 20:23	07/25/25	
Copper, Total	6010D	2.0 U	mg/Kg	2.0	0.3	1	07/25/25 20:23	07/25/25	
Lead, Total	6010D	5.0 U	mg/Kg	5.0	0.4	1	07/25/25 20:23	07/25/25	
Manganese, Total	6010D	2.0 U	mg/Kg	2.0	0.5	1	07/25/25 20:23	07/25/25	
Mercury, Total	7471B	0.020 U	mg/Kg	0.020	0.013	1	07/23/25 12:54	07/23/25	
Nickel, Total	6010D	4.0 U	mg/Kg	4.0	0.7	1	07/25/25 20:23	07/25/25	
Selenium, Total	6010D	1.0 U	mg/Kg	1.0	0.6	1	07/25/25 20:23	07/25/25	
Silver, Total	6010D	1.0 U	mg/Kg	1.0	0.09	1	07/25/25 20:23	07/25/25	
Zinc, Total	6010D	2.0 U	mg/Kg	2.0	1.4	1	07/25/25 20:23	07/25/25	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal 11225661/Imported Soil Sampling
Sample Matrix: Soil

Service Request: R2508747
Date Analyzed: 07/23/25 - 07/25/25

Lab Control Sample Summary
Inorganic Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R2508747-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic, Total	6010D	47.6	50.0	95	80-120
Barium, Total	6010D	237	250	95	80-120
Beryllium, Total	6010D	50.4	50.0	101	80-120
Cadmium, Total	6010D	47.8	50.0	96	80-120
Chromium, Total	6010D	49.3	50.0	99	80-120
Copper, Total	6010D	48.4	50.0	97	80-120
Lead, Total	6010D	49.8	50.0	100	80-120
Manganese, Total	6010D	50.1	50.0	100	80-120
Mercury, Total	7471B	0.101	0.100	101	80-120
Nickel, Total	6010D	48.6	50.0	97	80-120
Selenium, Total	6010D	45.1	50.0	90	80-120
Silver, Total	6010D	47.8	50.0	96	80-120
Zinc, Total	6010D	47.8	50.0	96	80-120

General Chemistry

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2508747
Project:	Love Canal 11225661/Imported Soil Sampling	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	R2508747-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.30 U	mg/Kg	0.30	0.17	1	07/23/25 15:13	07/23/25	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal 11225661/Imported Soil Sampling
Sample Matrix: Soil

Service Request: R2508747
Date Analyzed: 07/23/25

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R2508747-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	3.04	3.00	101	85-115

Client: Glenn Springs Holdings, Inc. **Service Request:** R2508747
Project: Love Canal 11225661/Imported Soil Sampling **Date Analyzed:** 07/23/25
Sample Matrix: Soil

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R2508747-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	17.6	18.0	98	85-115

Appendix N

Cap Maintenance Photolog

GEOSYNTEC CONSULTANTS

Photographic Record Love Canal Cap Maintenance 2025

Client:	Glenn Springs Holdings, Inc	**Project Number:**	TR1045
Site Address:	805 97th Street	**Location:**	Niagara Falls, New York

Photograph 1:

Comments:

Area 1, before re-grading, Looking west-southwest.

Photo date: August 2024



Photograph 2:

Comments:

Area 2 in foreground, before re-grading. Area 1 in distance; looking south.

Photo date: May 2025



GEOSYNTEC CONSULTANTS

Photographic Record Love Canal Cap Maintenance 2025

Client:	Glenn Springs Holdings, Inc	**Project Number:**	TR1045
Site Address:	805 97th Street	**Location:**	Niagara Falls, New York

Photograph 3:



Comments:
Hole near PC-1A, before re-grading.

Photo date: May 2025

Photograph 4:



Comments:
Hole near PC-1A, before re-grading.

Photo date: May 2025

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Photographic Record Love Canal Cap Maintenance 2025

Client:	Glenn Springs Holdings, Inc	**Project Number:**	TR1045
Site Address:	805 97th Street	**Location:**	Niagara Falls, New York

Photograph 5:



Comments:

Area 1 being filled; looking southeast.

Photo date: September 2025

Photograph 6:



Comments:

Area 2 being filled, looking north

Photo date: September 2025

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Photographic Record Love Canal Cap Maintenance 2025

Client:	Glenn Springs Holdings, Inc	**Project Number:**	TR1045
Site Address:	805 97th Street	**Location:**	Niagara Falls, New York

Photograph 7:

Comments:

Area 3 being filled, looking south-southeast.

Photo date: September 2025



Photograph 8:

Comments:

Area 1, post re-grading and hydroseeding, looking southeast.

Photo date: September 2025



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Photographic Record Love Canal Cap Maintenance 2025

Client:	Glenn Springs Holdings, Inc	**Project Number:**	TR1045
Site Address:	805 97th Street	**Location:**	Niagara Falls, New York

Photograph 9:

Comments:

Area 2, post re-grading and hydroseeding, looking north.

Photo date: September 2025



Photograph 10:

Comments:

Area 2, post re-grading and hydroseeding, looking south-southeast.

Photo date: September 2025

