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an affiliate of Geosyntec Consultants

2024 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

Operation of the Love Canal Site (Site) (Figure 1.1) was transferred from the New York State Department of Environmental Conservation (NYSDEC) to Occidental Chemical Corporation (OCC) in April 1995. Effective July 1, 1998, Site responsibility was assigned by OCC to Glenn Springs Holdings, Inc. (GSH), an affiliate of OCC. 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.

This report was prepared on behalf of OCC and covers operation, maintenance, and monitoring activities for calendar year 2024. The completed 2024 NYSDEC Institutional and Engineering Controls Certification Form is included as Appendix A.

2. REMEDIAL SYSTEMS

Operation of 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 2024. No major maintenance was required during the calendar year 2024. 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 June 13 and October 24, 2024, while the inspection of the barrier system pump chambers were conducted on June 26 and October 25, 2024. During the June 2024 barrier drain manhole inspection event, a minor accumulation of sediment was observed in manholes MH-5A, MH-3A, and MH-11. NAPL was observed in trace amounts on the tip of the water level tape at manholes MH-8, MH-10, MH-3A, MH-1A, MH-3, and MH-7. During the October 2024 barrier drain manhole inspection event. Minor accumulation of debris was observed in manholes MH-10A, MH-5A, and MH-5. NAPL was observed in trace amounts at manholes MH-8/PC2, MH-10, MH-15A, MH-13A, PC1A, MH-9A, MH-3, and MH-7/PC1. 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 2024 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 2024. 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 2024. 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.

Treated water from the Site is generally 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, water is treated and discharged continuously. The discharge is authorized under the Site's SIU Permit #44. The current permit is valid from January 10, 2020 to January 9, 2025. A copy of the NFWB permit that was active throughout 2024 is included as Appendix C. A renewal of the NFWB permit was applied for in October 2024 and a new permit was issued January 9, 2025. A copy of the new permit is included in Appendix C.

3.1.2 Effluent Discharge

The LCTF discharged to the NFWB sanitary sewer system on 128 days in 2024 compared to 195 days of operation in 2023.

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 did not ask for the LCTF to be shut down in 2024.

In calendar year 2024, the LCTF processed a total of 3,840,749 gallons of OB GW and leachate. In comparison, the LCTF processed a total of 4,468,350 gallons of OB GW and leachate in 2023. The 2024 process volume total was comprised of 3,773,449gallons of OB GW and leachate from Love Canal and 67,300 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 2024.

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 2024 were as follows:

- Quarter 1: December 1, 2023 – February 28, 2024
- Quarter 2: March 1, 2024 – May 31, 2024
- Quarter 3: June 1, 2024 – August 31, 2024

- Quarter 4: September 1, 2024 – November 30, 2024

The quarterly effluent sampling for 2024 was performed on January 10, 2024, April 29, 2024, June 19, 2024, and October 15, 2024. The sample results were submitted to the NFWB quarterly as required by the permit and to the NYSDEC. The results for each event were in compliance with the requirements of the Site's SIU permit.

3.1.4 Precipitation

In calendar year 2024, precipitation in the Niagara Falls region totaled 26.60 inches (Niagara Falls International Airport, National Climatic Data Center), which is greater than the 2023 precipitation level (20.40 inches) and less than the average precipitation for the last 20 years which is 32.76 inches. Although precipitation amounts were 6.2 inches more than 2023, the amount of OB GW and leachate processed in 2024 (3,840,749 gallons) was less than in 2023 (4,468,350 gallons). The precipitation and the OB GW/leachate volumes are consistent with historical trends; Chart 3.1 provides 25-years of historical regional precipitation data from 1999 through 2024 (column graphs) along with line graphs depicting 25 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*" (LTGMP), revised June 2013.

A discussion of the hydraulic and chemical monitoring results for calendar year 2024 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 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 2024 annual groundwater chemical monitoring event was performed between June 4 and June 7, 2024. Thirty-three (33) monitoring wells comprised of 13 overburden and 20 bedrock monitoring wells were sampled for the 2024 annual groundwater chemical monitoring event. The wells sampled for the annual event are as follows:

- Overburden wells:
  - Biennial Wells

7115	7125	8115	8125
9105	9113	9118	

  - 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 2024 annual sampling event. The NYSDEC did not observe the groundwater sampling activities in 2024.

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) USEPA SW 846 8260C
- 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 2024 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 Class GA Groundwater Standards and highlights concentrations that exceed the respective Class GA Groundwater Standard. Class GA standard and guidance values are used for comparison for this Site even though 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 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 2024 and their corresponding depth to groundwater and groundwater elevations.

3.2.1.1 Overburden Monitoring Control

A review of the 2024 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. No overburden monitoring wells exceeded the NYSDEC Class GA Groundwater Standards during the June 2024 sampling event except for monitoring well 10135.

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). These impacts are captured by the Site's barrier drain collection system, as discussed below.

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 and 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 (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 2024 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 well 10178B being sampled was to provide additional support that contamination from monitoring well 10135 is 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 migration outwardly from well 10135. The results for 10178A and 10178B were non-detect for VOCs, SVOCs, and pesticides; therefore, confirming that there is not outward migration from 10135 and that groundwater in the area of 10135 is influenced by the barrier drain.

3.2.1.2 Bedrock Monitoring Wells

A review of the 2024 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.

Five of the 20 wells sampled during the June 2024 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 five wells with detections, two wells (10210A and 10225A) had concentrations for carbon disulfide greater than the Class GA standard. Well 10225 also had a concentration for alpha-BHC greater than the Class GA standard. Bedrock monitoring well 10225B had an estimated detection of cis-1,3-Dichloropropene at 1.0 µg/L, which is greater than the corresponding Class GA standard of 0.4 µg/L. Refer to Table 3.3 for actual concentrations.

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 2024. 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, the 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 2024 sampling data for the four wells mentioned above indicates that the compounds detected in 2024 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 2024, water levels were measured on March 5th, June 3rd, September 3rd, 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 0.91 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 2024 quarterly groundwater elevations measured in well 10135 and in piezometers 1161E, 1163A, and 1165A. The 1160 piezometer string is the closest piezometer string to well 10135, and piezometers 1161E, 1163A, and 1165A 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 2024. Groundwater elevations measured in piezometer 1165A was 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 2024 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 11.78 feet, 12.07 feet, 11.98 feet and 11.45 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 0.1178 ft/ft, 0.1207 ft/ft, 0.1198 ft/ft, and 0.1145 ft/ft or a percent downward slope of approximately 11 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 2025 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 non-aqueous 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 2024, the quarterly NAPL checks at MW-3 were conducted on March 5th, June 3rd, September 3rd, and December 3rd. No NAPL or visible sheen was observed.

3.2.4 Well Maintenance

The 2024 well inspections did not identify a need for any routine maintenance on any wells at the Site.

3.2.5 Summary of Treatment and Monitoring Results

The volume of effluent discharge from the LCTF decreased from 4,468,350 gallons in 2023 to 3,840,749 gallons in 2024. 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 2024 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 normal activities and repairs performed in 2024 are presented below.

4.1 Process Activities

Process activities that occurred during the year included the following:

- Removal and disposal of hazardous waste
- Change filter bags as needed
- Installed new backflow preventer in drum barn
- Completed a carbon change
- Cleaning of all storage tanks and vaults (biennial event)
- Replaced coupler on raw water tank pump
- Replaced float sensor for high-level alarm in DCF-4
- Replaced gasket on piping in DCF-4 vault

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
- Repair of fire inspection communications
- Repaired exhaust fan in Administration Building server room
- Landscaping improvements along Colvin Boulevard and adjacent to Administration Building
- Repair of Administration Building facade
- Tree removal – removal of dead Ash trees

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 2024:

- 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 line 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 2024.

4.3.3 Communications

All required reports were prepared and submitted to various agencies throughout the year. Reports included the *2023 Annual Hazardous Waste Report* to the NYSDEC, the *2023 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 2023 was issued to surrounding citizens and agencies in April 2024. 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 2024, 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 50,194 pounds (49 drums and one 20-yard roll-off) of hazardous waste was generated from the activities listed below.

- 4 drums of personal protective equipment (PPE), spent filter bags, and general debris.
- 45 drums of sediment from storage tank and vault cleaning
- One 20-yard roll-off of spent carbon (20,000 pounds of spent carbon)

The waste materials were sent off Site for disposal in accordance with applicable laws and regulations. Wastes generated in 2024 were disposed through incineration by Clean Harbors at their Aragonite, Utah facility. Copies of the waste disposal manifests are included in Appendix J. It should be noted that one load of drums is still in transit to the Aragonite facility (awaiting scheduling into the incinerator) and at the time of the writing of this report, 13 drums of sludge and 4 drums of PPE were stationed at Clean Harbors' Dolton, Illinois Transportation, Storage and Disposal Facility. All drums were shipped within the 90-day storage limit. These items will be discussed in the 2025 annual report.

One roll-off was approved for an extension past the 90-day storage limit due to scheduling delays with the disposal company. A copy of the 30-day Hazardous Waste Storage Extension Request is included in Appendix K.

4.5 Routine Operations, Inspection and Monitoring

A daily inspection of the system operations was performed for each weekday in 2024 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 for breakthrough were also completed in accordance with the O&M Manual. Inspection records are available upon request.

Semiannual inspection of the landfill cap surface (Appendix B) was conducted on June 26, 2024 and October 24, 2024. No issues of significance were identified.

The NFWB performed an annual inspection of the LCTF on January 8, 2024, and performed verification sampling of the effluent discharge on June 19, 2024. 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 2024 Inspection Form is included as Appendix H.

The backflow preventer system on the potable water supply lines was inspected and tested by CamTech Plumbing and Mechanical Inc. (CamTech) on March 19, 2024. 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 *2024 Test and Maintenance of Backflow Prevention Device Report* for each device is presented in Appendix I.

The annual fire system inspection was conducted on July 19, 2024 by the New York State Division of Homeland Security's Office of Fire Prevention and Control. The inspection revealed two findings that were corrected immediately (an improper plug strip connection in the Administration building and a sticking exit door in the water treatment building). The Niagara Falls Fire Department also conducted a fire inspection on August 15, 2024. No issues were identified.

5. CONCLUSION

The calendar year 2024 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 by the NFWB and sampling by GSH. Effluent quality is compliant with the Site's NFWB SIU discharge permit. There were 3,840,749 gallons of leachate collected, treated, and discharged from the Site, of which 3,773,449 gallons of leachate were collected from the Love Canal, and 67,300 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

Based on the performance of the system and historical data trends, GSH has no additional recommendations for program changes at this time. GSH will continue to monitor and evaluate the LCTF for Site improvements associated with the operation, maintenance, and monitoring activities and make recommendations to the NYSDEC and USEPA as appropriate.

Tables

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.

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*	*Averages 1999-2024 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**	**561,391**	**14,596,171**
	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	525,956	13,674,853
	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	35,435	921,318
	Days[(1)]	18	20	14	18	19	20	26	29	24	26	29	24	19.6	490
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**	**426,977**	**11,101,405**
	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	399,931	10,398,213
	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	27,046	703,192
	Days[(1)]	19	15	16	19	13	24	26	28	19	25	26	10	16.9	423
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**	**564,301**	**14,671,831**
	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	528,811	13,749,091
	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	35,490	922,740
	Days[(1)]	20	17	20	21	20	24	16	27	24	24	28	11	19.2	481
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**	**560,888**	**14,583,099**
	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	523,076	13,599,985
	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	37,812	983,114
	Days[(1)]	22	20	17	19	24	28	25	28	19	18	18	17	18.2	454
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**	**339,563**	**8,828,649**
	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	301,107	7,828,788
	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	38,456	999,861
	Days[(1)]	18	21	12	15	25	18	19	23	19	12	12	7	15.2	379
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**	**231,601**	**6,021,617**
	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	193,521	5,031,548
	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	38,080	990,069
	Days[(1)]	18	12	19	11	15	10	12	14	11	14	5	7	11.6	289
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**	**182,663**	**4,749,235**
	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	154,951	4,028,716
	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	27,712	720,519
	Days[(1)]	19	15	16	12	18	8	10	8	24	11	15	11	11.3	282
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**	**178,831**	**4,649,608**
	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	147,736	3,841,132
	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	31,095	808,476
	Days[(1)]	21	9	7	6	17	7	8	8	16	9	15	6	11.1	278
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**	**166,802**	**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	132,022	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	34,780	904,273
	Days[(1)]	23	13	12	11	8	8	11	10	18	10	9	12	10.9	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**	**274,510**	**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	241,182	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	33,327	866,511
	Days[(1)]	20	18	11	11	12	11	19	15	22	18	12	5	13.3	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**	**341,661**	**8,883,179**
	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	309,151	8,037,921
	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	32,510	845,258
	Days[(1)]	19	12	15	11	22	21	25	18	27	20	7	6	14.8	371
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**	**547,767**	**14,241,942**
	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	509,679	13,251,650
	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	38,088	990,292
	Days[(1)]	17	14	13	14	19	28	28	22	28	24	19	12	17.4	435
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**	**4,376,955**	**113,800,833**
	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**	**3,967,123**	**103,145,210**
	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**	**409,832**	**10,655,623**
	Days[(1)]	**234**	**186**	**172**	**168**	**212**	**207**	**225**	**230**	**251**	**211**	**195**	**128**	**179**	**4,487**
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**	**---**	**---**
	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	---	---
	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	---	---
	Days[(1)]	20	16	14	14	18	17	19	19	21	18	16	11	---	---
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**	**32.40**	**842.47**

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.

Chart 3.1

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

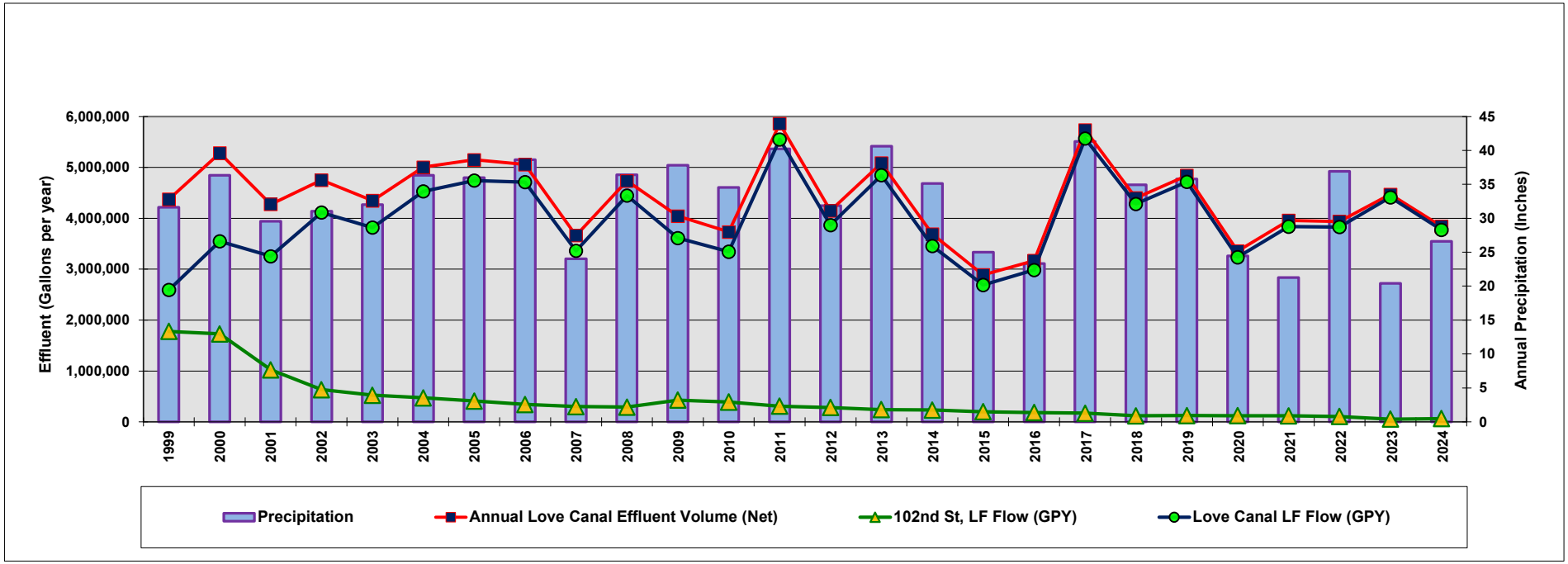


Table 3.2

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7115	7125	7130	7132	8106	8115
				Sample ID:	WG-TR1045-18A-410-060424-002-JA	WG-TR1045-18A-410-060424-001-SG	WG-TR1045-18A-410-060424-004-JA	WG-TR1045-18A-410-060424-005-SG	WG-TR1045-18A-410-060524-014-JA	WG-TR1045-18A-410-060424-006-JA
				Sample Date:	6/4/2024	6/4/2024	6/4/2024	6/4/2024	6/5/2024	6/4/2024
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**							
Volatile Organic Compounds										
1,1,1-Trichloroethane	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	1			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	0.6			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	1			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L		50		10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L		50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	1			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	ug/L		60		10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	ug/L	7			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	0.4			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	0.4			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	2			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds Detected:					0	0	0	0	0	0
Semi-Volatile Organic Compounds										
1,2,4-Trichlorobenzene	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
1,2-Dichlorobenzene	ug/L	3			10 U	10 U	10 U	10 U	9.8 U	10 U
1,3-Dichlorobenzene	ug/L	3			10 U	10 U	10 U	10 U	9.8 U	10 U
1,4-Dichlorobenzene	ug/L	3			10 U	10 U	10 U	10 U	9.8 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ethe	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
2,4,5-Trichlorophenol	ug/L	1			10 U	10 U	10 U	10 U	9.8 U	10 U
2,4,6-Trichlorophenol	ug/L	1			10 U	10 U	10 U	10 U	9.8 U	10 U
2,4-Dichlorophenol	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
2,4-Dimethylphenol	ug/L	1	50		50 U	50 U	50 U	50 U	49 U	50 U
2,4-Dinitrophenol	ug/L	1	10		10 U	10 U	10 U	10 U	9.8 U	10 U
2,4-Dinitrotoluene	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
2,6-Dinitrotoluene	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
2-Chloronaphthalene	ug/L	NA	10		10 U	10 U	10 U	10 U	9.8 U	10 U
2-Chlorophenol	ug/L	1			10 U	10 U	10 U	10 U	9.8 U	10 U
2-Methylnaphthalene	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
2-Methylphenol	ug/L	1			10 U	10 U	10 U	10 U	9.8 U	10 U
2-Nitroaniline	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
2-Nitrophenol	ug/L	1			10 U	10 U	10 U	10 U	9.8 U	10 U
3&4-Methylphenol	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U

Table 3.2

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	7115	7125	7130	7132	8106	8115
				Sample ID:	WG-TR1045-18A-410-060424-002-JA	WG-TR1045-18A-410-060424-001-SG	WG-TR1045-18A-410-060424-004-JA	WG-TR1045-18A-410-060424-005-SG	WG-TR1045-18A-410-060524-014-JA	WG-TR1045-18A-410-060424-006-JA
				Sample Date:	6/4/2024	6/4/2024	6/4/2024	6/4/2024	6/5/2024	6/4/2024
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**							
Semi-Volatile Organic Compounds (con't)										
3,3'-Dichlorobenzidine	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
3-Nitroaniline	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
4,6-Dinitro-2-methylphenol	ug/L	1			50 U	50 U	50 U	50 U	49 U	50 U
4-Bromophenyl phenyl ether	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
4-Chloro-3-methylphenol	ug/L	1			10 U	10 U	10 U	10 U	9.8 U	10 U
4-Chloroaniline	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
4-Chlorophenyl phenyl ether	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
4-Nitroaniline	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
4-Nitrophenol	ug/L	1			50 U	50 U	50 U	50 U	49 U	50 U
Acenaphthene	ug/L	NA	20		10 U	10 U	10 U	10 U	9.8 U	10 U
Acenaphthylene	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
Anthracene	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Benzo(a)anthracene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	9.8 U	10 U
Benzo(a)pyrene	ug/L	ND			10 U	10 U	10 U	10 U	9.8 U	10 U
Benzo(b)fluoranthene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	9.8 U	10 U
Benzo(g,h,i)perylene	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
Benzo(k)fluoranthene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	9.8 U	10 U
Benzoic acid	ug/L	NA			50 U	50 U	50 U	50 U	49 U	50 U
Benzyl alcohol	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
bis(2-Chloroethoxy)methane	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
bis(2-Chloroethyl)ether	ug/L	1			10 U	10 U	10 U	10 U	9.8 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Chrysene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	9.8 U	10 U
Dibenz(a,h)anthracene	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
Dibenzofuran	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
Diethyl phthalate	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Dimethyl phthalate	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Di-n-butylphthalate (DBP)	ug/L	50			10 U	10 U	10 U	10 U	9.8 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Fluoranthene	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Fluorene	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Hexachlorobenzene	ug/L	0.04			10 U	10 U	10 U	10 U	9.8 U	10 U
Hexachlorobutadiene	ug/L	0.5			10 U	10 U	10 U	10 U	9.8 U	10 U
Hexachlorocyclopentadiene	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
Hexachloroethane	ug/L	5			10 U	10 U	10 U	10 U	9.8 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	9.8 U	10 U
Isophorone	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Naphthalene	ug/L	NA	10		10 U	10 U	10 U	10 U	9.8 U	10 U
Nitrobenzene	ug/L	0.4			10 U	10 U	10 U	10 U	9.8 U	10 U
N-Nitrosodi-n-propylamine	ug/L	NA			10 U	10 U	10 U	10 U	9.8 U	10 U
N-Nitrosodiphenylamine	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Pentachlorophenol	ug/L	1			50 U	50 U	50 U	50 U	49 U	50 U
Phenanthrene	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Phenol	ug/L	1			10 U	10 U	10 U	10 U	9.8 U	10 U
Pyrene	ug/L	NA	50		10 U	10 U	10 U	10 U	9.8 U	10 U
Discrete Compounds Detected:					0	0	0	0	0	0
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	ug/L	0.09			1.0 U	0.96 U	0.98 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			1.0 U	0.96 U	0.98 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			1.0 U	0.96 U	0.98 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			1.0 U	0.96 U	0.98 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			1.0 U	0.96 U	0.98 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			1.0 U	0.96 U	0.98 U	1.0 U	1.0 U	1.0 U
Discrete Compounds Detected:					0	0	0	0	0	0

Table 3.2

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sample Location:	**7115**	**7125**	**7130**	**7132**	**8106**	**8115**
			Sample ID:	**WG-TR1045-18A-410-060424-002-JA**	**WG-TR1045-18A-410-060424-001-SG**	**WG-TR1045-18A-410-060424-004-JA**	**WG-TR1045-18A-410-060424-005-SG**	**WG-TR1045-18A-410-060524-014-JA**	**WG-TR1045-18A-410-060424-006-JA**
			Sample Date:	**6/4/2024**	**6/4/2024**	**6/4/2024**	**6/4/2024**	**6/5/2024**	**6/4/2024**
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**						
Pesticides									
4,4'-DDD	ug/L	0.3		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
4,4'-DDE	ug/L	0.2		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
4,4'-DDT	ug/L	0.2		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Aldrin	ug/L	ND		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
alpha-BHC	ug/L	0.01		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	ug/L	0.05		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
beta-BHC	ug/L	0.04		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
delta-BHC	ug/L	0.04		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Dieldrin	ug/L	0.004		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Endosulfan I	ug/L	NA		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Endosulfan II	ug/L	NA		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	ug/L	NA		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Endrin	ug/L	ND		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Endrin ketone	ug/L	5		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
gamma-BHC (lindane)	ug/L	0.05		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	ug/L	0.05		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Heptachlor	ug/L	0.04		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	ug/L	0.03		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 U
Methoxychlor	ug/L	35		0.050 U	0.048 U	0.049 U	0.050 U	0.050 U	0.050 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
J+ - Estimated concentration; biased high
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

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Sa			8125	9105	9113	9118	9118	10135
			WG-TR1045-18A-410-060724-030-JA	WG-TR1045-18A-410-060724-032-JA	WG-TR1045-18A-410-060724-034-JA	WG-TR1045-18A-410-060624-026-JA	WG-TR1045-18A-410-060624-028-JA	WG-TR1045-18A-410-060724-036-SG
			6/7/2024	6/7/2024	6/7/2024	6/6/2024	6/6/2024	6/7/2024
Parameters	**Units**	**Class GA Standard**					(Duplicate)	
Volatile Organic Compounds								
1,1,1-Trichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
1,1,2,2-Tetrachloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
1,1,2-Trichloroethane	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
1,1-Dichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
1,1-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
1,2-Dichloroethane	ug/L	0.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
1,2-Dichloropropane	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	2000 U
2-Hexanone	ug/L		10 U	10 U	10 U	10 U	10 U	2000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	2000 U
Acetone	ug/L		10 U	10 U	10 U	10 U	10 U	2000 U
Benzene	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**6800**
Bromodichloromethane	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Bromoform	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Bromomethane (Methyl bromide)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Carbon disulfide	ug/L		10 U	10 U	10 U	10 U	10 U	2000 U
Carbon tetrachloride	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Chlorobenzene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2500**
Chloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Chloroform (Trichloromethane)	ug/L	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Chloromethane (Methyl chloride)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
cis-1,2-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
cis-1,3-Dichloropropene	ug/L	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Dibromochloromethane	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Ethylbenzene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Methylene chloride	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Styrene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Tetrachloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Toluene	ug/L	5	**0.30 J**	5.0 U	**0.39 J**	5.0 U	5.0 U	**23000**
trans-1,2-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
trans-1,3-Dichloropropene	ug/L	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Trichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Vinyl acetate	ug/L	NA	10 U	10 U	10 U	10 U	10 U	2000 U
Vinyl chloride	ug/L	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Xylenes (total)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1000 U
Discrete Compounds Detected:			1	0	1	0	0	3
Semi-Volatile Organic Compounds								
1,2,4-Trichlorobenzene	ug/L	5	10 U	10 U	10 U	10 U	10 U	**19 / 26 ****
1,2-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	**22 / 24 ****
1,3-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	**4.2 J / 5.0 J ****
1,4-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	**60 / 68 ****
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ethe	ug/L	5	10 U	10 U	10 U	10 U	10 U	**10u / 2.5 J ****
2,4,5-Trichlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	**3.8 J / 10 U ****
2,4-Dichlorophenol	ug/L	5	10 U	10 U	10 U	10 U	10 U	**4.5 J / 4.6 J ****
2,4-Dimethylphenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	**11 / 13 ****
2-Methylnaphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	**23 / 26 ****
2-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
3&4-Methylphenol	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U

Table 3.2

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Sa			8125	9105	9113	9118	9118	10135
			WG-TR1045-18A-410-060724-030-JA	WG-TR1045-18A-410-060724-032-JA	WG-TR1045-18A-410-060724-034-JA	WG-TR1045-18A-410-060624-026-JA	WG-TR1045-18A-410-060624-028-JA	WG-TR1045-18A-410-060724-036-SG
			6/7/2024	6/7/2024	6/7/2024	6/6/2024	6/6/2024	6/7/2024
Parameters	**Units**	**Class GA Standard**					(Duplicate)	
Semi-Volatile Organic Compounds (con't)								
3,3'-Dichlorobenzidine	ug/L	5	10 U	10 U	10 U	10 U	10 U	78 / 92 **
3-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	19 / 22 **
4-Chloroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ug/L	ND	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	ug/L	NA	50 U	50 U	50 U	50 U	50 U	200 / 260 B **
Benzyl alcohol	ug/L	NA	10 U	10 U	10 U	10 U	10 U	7.6 J / 10 **
bis(2-Chloroethoxy)methane	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5	10 U	10 U	10 U	10 U	10 U	20 / 20 **
Butyl benzylphthalate (BBP)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	ug/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	ug/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	ug/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	37 / 45 **
Pyrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:			0	0	0	0	0	14
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	0.09	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Discrete Compounds Detected:			0	0	0	0	0	0

Table 3.2

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sa	8125	9105	9113	9118	9118	10135
				WG-TR1045-18A-410-060724-030-JA	WG-TR1045-18A-410-060724-032-JA	WG-TR1045-18A-410-060724-034-JA	WG-TR1045-18A-410-060624-026-JA	WG-TR1045-18A-410-060624-028-JA	WG-TR1045-18A-410-060724-036-SG
				6/7/2024	6/7/2024	6/7/2024	6/6/2024	6/6/2024	6/7/2024
Parameters	**Units**	**Class GA Standard**						(Duplicate)	
Pesticides									
4,4'-DDD	ug/L	0.3		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
4,4'-DDE	ug/L	0.2		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
4,4'-DDT	ug/L	0.2		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Aldrin	ug/L	ND		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
alpha-BHC	ug/L	0.01		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**6.4**
alpha-Chlordane	ug/L	0.05		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
beta-BHC	ug/L	0.04		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**1.5**
delta-BHC	ug/L	0.04		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**5.0**
Dieldrin	ug/L	0.004		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Endosulfan I	ug/L	NA		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Endosulfan II	ug/L	NA		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Endosulfan sulfate	ug/L	NA		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Endrin	ug/L	ND		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Endrin ketone	ug/L	5		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
gamma-BHC (lindane)	ug/L	0.05		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**0.69**
gamma-Chlordane	ug/L	0.05		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Heptachlor	ug/L	0.04		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Heptachlor epoxide	ug/L	0.03		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Methoxychlor	ug/L	35		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.20 U
Toxaphene	ug/L	0.06		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U
Discrete Compounds Detected:				0	0	0	0	0	4

Notes:
J - Estimated concentration
J+ - Estimated concentration; biased high
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

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sa	10178A	10178B
				WG-TR1045-18A-410-060424-008-JA	WG-TR1045-18A-410-060424-010-JA
				6/4/2024	6/4/2024
Parameters	**Units**	**Class GA Standard**			
Volatile Organic Compounds					
1,1,1-Trichloroethane	ug/L	5		5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5		5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	1		5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5		5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5		5.0 U	5.0 U
1,2-Dichloroethane	ug/L	0.6		5.0 U	5.0 U
1,2-Dichloropropane	ug/L	1		5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA		10 U	10 U
2-Hexanone	ug/L			10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA		10 U	10 U
Acetone	ug/L			10 U	10 U
Benzene	ug/L	1		5.0 U	5.0 U
Bromodichloromethane	ug/L			5.0 U	5.0 U
Bromoform	ug/L			5.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	5		5.0 U	5.0 U
Carbon disulfide	ug/L			10 U	10 U
Carbon tetrachloride	ug/L	5		5.0 U	5.0 U
Chlorobenzene	ug/L	5		5.0 U	5.0 U
Chloroethane	ug/L	5		5.0 U	5.0 U
Chloroform (Trichloromethane)	ug/L	7		5.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	5		5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5		5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	0.4		5.0 U	5.0 U
Dibromochloromethane	ug/L			5.0 U	5.0 U
Ethylbenzene	ug/L	5		5.0 U	5.0 U
Methylene chloride	ug/L	5		5.0 U	5.0 U
Styrene	ug/L	5		5.0 U	5.0 U
Tetrachloroethene	ug/L	5		5.0 U	5.0 U
Toluene	ug/L	5		5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5		5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	0.4		5.0 U	5.0 U
Trichloroethene	ug/L	5		5.0 U	5.0 U
Vinyl acetate	ug/L	NA		10 U	10 U
Vinyl chloride	ug/L	2		5.0 U	5.0 U
Xylenes (total)	ug/L	5		5.0 U	5.0 U
Discrete Compounds Detected:				0	0
Semi-Volatile Organic Compounds					
1,2,4-Trichlorobenzene	ug/L	5		10 U	10 U
1,2-Dichlorobenzene	ug/L	3		10 U	10 U
1,3-Dichlorobenzene	ug/L	3		10 U	10 U
1,4-Dichlorobenzene	ug/L	3		10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-chloro-1-methylethyl)ethe	ug/L	5		10 U	10 U
2,4,5-Trichlorophenol	ug/L	1		10 U	10 U
2,4,6-Trichlorophenol	ug/L	1		10 U	10 U
2,4-Dichlorophenol	ug/L	5		10 U	10 U
2,4-Dimethylphenol	ug/L	1		50 U	50 U
2,4-Dinitrophenol	ug/L	1		10 U	10 U
2,4-Dinitrotoluene	ug/L	5		10 U	10 U
2,6-Dinitrotoluene	ug/L	5		10 U	10 U
2-Chloronaphthalene	ug/L	NA		10 U	10 U
2-Chlorophenol	ug/L	1		10 U	10 U
2-Methylnaphthalene	ug/L	NA		10 U	10 U
2-Methylphenol	ug/L	1		10 U	10 U
2-Nitroaniline	ug/L	5		10 U	10 U
2-Nitrophenol	ug/L	1		10 U	10 U
3&4-Methylphenol	ug/L	NA		10 U	10 U

Table 3.2

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sa	10178A	10178B
				WG-TR1045-18A-410-060424-008-JA	WG-TR1045-18A-410-060424-010-JA
				6/4/2024	6/4/2024
Parameters	**Units**	**Class GA Standard**			
Semi-Volatile Organic Compounds (con't)					
3,3'-Dichlorobenzidine	ug/L	5		10 U	10 U
3-Nitroaniline	ug/L	5		10 U	10 U
4,6-Dinitro-2-methylphenol	ug/L	1		50 U	50 U
4-Bromophenyl phenyl ether	ug/L	NA		10 U	10 U
4-Chloro-3-methylphenol	ug/L	1		10 U	10 U
4-Chloroaniline	ug/L	5		10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	NA		10 U	10 U
4-Nitroaniline	ug/L	5		10 U	10 U
4-Nitrophenol	ug/L	1		50 U	50 U
Acenaphthene	ug/L	NA		10 U	10 U
Acenaphthylene	ug/L	NA		10 U	10 U
Anthracene	ug/L	NA		10 U	10 U
Benzo(a)anthracene	ug/L	NA		10 U	10 U
Benzo(a)pyrene	ug/L	ND		10 U	10 U
Benzo(b)fluoranthene	ug/L	NA		10 U	10 U
Benzo(g,h,i)perylene	ug/L	NA		10 U	10 U
Benzo(k)fluoranthene	ug/L	NA		10 U	10 U
Benzoic acid	ug/L	NA		50 U	50 U
Benzyl alcohol	ug/L	NA		10 U	10 U
bis(2-Chloroethoxy)methane	ug/L	5		10 U	10 U
bis(2-Chloroethyl)ether	ug/L	1		10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5		10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	NA		10 U	10 U
Chrysene	ug/L	NA		10 U	10 U
Dibenz(a,h)anthracene	ug/L	NA		10 U	10 U
Dibenzofuran	ug/L	NA		10 U	10 U
Diethyl phthalate	ug/L	NA		10 U	10 U
Dimethyl phthalate	ug/L	NA		10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	50		10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	NA		10 U	10 U
Fluoranthene	ug/L	NA		10 U	10 U
Fluorene	ug/L	NA		10 U	10 U
Hexachlorobenzene	ug/L	0.04		10 U	10 U
Hexachlorobutadiene	ug/L	0.5		10 U	10 U
Hexachlorocyclopentadiene	ug/L	5		10 U	10 U
Hexachloroethane	ug/L	5		10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	NA		10 U	10 U
Isophorone	ug/L	NA		10 U	10 U
Naphthalene	ug/L	NA		10 U	10 U
Nitrobenzene	ug/L	0.4		10 U	10 U
N-Nitrosodi-n-propylamine	ug/L	NA		10 U	10 U
N-Nitrosodiphenylamine	ug/L	NA		10 U	10 U
Pentachlorophenol	ug/L	1		50 U	50 U
Phenanthrene	ug/L	NA		10 U	10 U
Phenol	ug/L	1		10 U	10 U
Pyrene	ug/L	NA		10 U	10 U
Discrete Compounds Detected:				0	0
Polychlorinated Biphenyls					
Aroclor-1016 (PCB-1016)	ug/L	0.09		1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	0.09		2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09		1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	0.09		1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	0.09		1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	0.09		1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	0.09		1.0 U	1.0 U
Discrete Compounds Detected:				0	0

Table 3.2

2024 Analytical Results Summary - Overburden
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			Sa	10178A	10178B
				WG-TR1045-18A-410-060424-008-JA	WG-TR1045-18A-410-060424-010-JA
				6/4/2024	6/4/2024
Parameters	**Units**	**Class GA Standard**			
Pesticides					
4,4'-DDD	ug/L	0.3		0.050 U	0.050 U
4,4'-DDE	ug/L	0.2		0.050 U	0.050 U
4,4'-DDT	ug/L	0.2		0.050 U	0.050 U
Aldrin	ug/L	ND		0.050 U	0.050 U
alpha-BHC	ug/L	0.01		0.050 U	0.050 U
alpha-Chlordane	ug/L	0.05		0.050 U	0.050 U
beta-BHC	ug/L	0.04		0.050 U	0.050 U
delta-BHC	ug/L	0.04		0.050 U	0.050 U
Dieldrin	ug/L	0.004		0.050 U	0.050 U
Endosulfan I	ug/L	NA		0.050 U	0.050 U
Endosulfan II	ug/L	NA		0.050 U	0.050 U
Endosulfan sulfate	ug/L	NA		0.050 U	0.050 U
Endrin	ug/L	ND		0.050 U	0.050 U
Endrin ketone	ug/L	5		0.050 U	0.050 U
gamma-BHC (lindane)	ug/L	0.05		0.050 U	0.050 U
gamma-Chlordane	ug/L	0.05		0.050 U	0.050 U
Heptachlor	ug/L	0.04		0.050 U	0.050 U
Heptachlor epoxide	ug/L	0.03		0.050 U	0.050 U
Methoxychlor	ug/L	35		0.050 U	0.050 U
Toxaphene	ug/L	0.06		0.50 U	0.50 U
Discrete Compounds Detected:				0	0

Notes:
J - Estimated concentration
J+ - Estimated concentration; biased high
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

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	3257	5221	6209	7205	8210	9205
				Sample ID:	WG-TR1045-18A-410-060524-015-SG	WG-TR1045-18A-410-060524-019-SG	WG-TR1045-18A-410-060624-029-SG	WG-TR1045-18A-410-060424-003-SG	WG-TR1045-18A-410-060524-013-SG	WG-TR1045-18A-410-060524-012-JA
				Sample Date:	6/5/24	6/5/24	6/6/24	6/4/24	6/5/24	6/5/24
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**							
Volatile Organic Compounds										
1,1,1-Trichloroethane	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	1			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	0.6			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	1			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L		50		10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L		50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	1			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	ug/L		60		10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	ug/L	7			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	0.4			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L		50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	0.4			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	2			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	ug/L	5			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds Detected:					0	0	0	0	0	0
Semi-volatile Organic Compounds										
1,2,4-Trichlorobenzene	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	3			10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	3			10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	3			10 U	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	ug/L	1			10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L	1			10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	ug/L	1	50		50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrophenol	ug/L	1	10		10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	ug/L	NA	10		10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	ug/L	1			10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	ug/L	1			10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	ug/L	1			10 U	10 U	10 U	10 U	10 U	10 U

Table 3.3

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	3257	5221	6209	7205	8210	9205
				Sample ID:	WG-TR1045-18A-410-060524-015-SG	WG-TR1045-18A-410-060524-019-SG	WG-TR1045-18A-410-060624-029-SG	WG-TR1045-18A-410-060424-003-SG	WG-TR1045-18A-410-060524-013-SG	WG-TR1045-18A-410-060524-012-JA
				Sample Date:	6/5/24	6/5/24	6/6/24	6/4/24	6/5/24	6/5/24
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**							
Semi-volatile Organic Compounds con't					10 U	10 U	10 U	10 U	10 U	10 U
3&4-Methylphenol	ug/L	NA								
3,3'-Dichlorobenzidine	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	ug/L	1			50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	1			10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	ug/L	1			50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	ug/L	NA	20		10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ug/L	ND			10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	ug/L	NA			50 U	50 U	50 U	50 U	50 U	50 U
Benzyl alcohol	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	1			10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	50			10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	ug/L	0.04			10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	ug/L	0.5			10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	ug/L	5			10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	0.002		10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	ug/L	NA	10		10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	ug/L	0.4			10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	ug/L	NA			10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	ug/L	1			50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Phenol	ug/L	1			10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	ug/L	NA	50		10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:					0	0	0	0	0	0
Polychlorinated Biphenyls										
Aroclor-1016 (PCB-1016)	ug/L	0.09			1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	0.09			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09			1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	0.09			1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	0.09			1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	0.09			1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	0.09			1.0 U	1.0 U	1.0 U	1.0 U	0.98 U	1.0 U
Discrete Compounds Detected:					0	0	0	0	0	0

Table 3.3

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

				Sample Location:	3257	5221	6209	7205	8210	9205
				Sample ID:	WG-TR1045-18A-410-060524-015-SG	WG-TR1045-18A-410-060524-019-SG	WG-TR1045-18A-410-060624-029-SG	WG-TR1045-18A-410-060424-003-SG	WG-TR1045-18A-410-060524-013-SG	WG-TR1045-18A-410-060524-012-JA
				Sample Date:	6/5/24	6/5/24	6/6/24	6/4/24	6/5/24	6/5/24
Parameters	**Units**	**Class GA Standard**	**Class GA Guidance**							
Pesticides										
4,4'-DDD	ug/L	0.3			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
4,4'-DDE	ug/L	0.2			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
4,4'-DDT	ug/L	0.2			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Aldrin	ug/L	ND			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
alpha-BHC	ug/L	0.01			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
alpha-Chlordane	ug/L	0.05			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
beta-BHC	ug/L	0.04			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
delta-BHC	ug/L	0.04			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Dieldrin	ug/L	0.004			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Endosulfan I	ug/L	NA			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Endosulfan II	ug/L	NA			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Endosulfan sulfate	ug/L	NA			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Endrin	ug/L	ND			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Endrin ketone	ug/L	5			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
gamma-BHC (lindane)	ug/L	0.05			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
gamma-Chlordane	ug/L	0.05			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Heptachlor	ug/L	0.04			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Heptachlor epoxide	ug/L	0.03			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 U
Methoxychlor	ug/L	35			0.050 U	0.050 U	0.050 U	0.050 U	0.049 U	0.050 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

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			9210	10205	10210A	10210B	10210C	10215
			WG-TR1045-18A-410-060624-018-JA	WG-TR1045-18A-410-060624-025-SG	WG-TR1045-18A-410-060624-022-SG	WG-TR1045-18A-410-060624-027-SG	WG-TR1045-18A-410-060624-020-JA	WG-TR1045-18A-410-060624-024-JA
			6/6/24	6/6/24	6/6/24	6/6/24	6/6/24	6/6/24
Parameters	**Units**	**Class GA Standard**						
Volatile Organic Compounds								
1,1,1-Trichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	0.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L		10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	ug/L		10 U	**1.2 J**	**160**	10 U	10 U	10 U
Carbon tetrachloride	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	ug/L	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5	5.0 U	5.0 U	**0.29 J**	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds Detected:			0	1	2	0	0	0
Semi-volatile Organic Compounds								
1,2,4-Trichlorobenzene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U

Table 3.3

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			9210	10205	10210A	10210B	10210C	10215
			WG-TR1045-18A-410-060624-018-JA	WG-TR1045-18A-410-060624-025-SG	WG-TR1045-18A-410-060624-022-SG	WG-TR1045-18A-410-060624-027-SG	WG-TR1045-18A-410-060624-020-JA	WG-TR1045-18A-410-060624-024-JA
			6/6/24	6/6/24	6/6/24	6/6/24	6/6/24	6/6/24
Parameters	**Units**	**Class GA Standard**						
Semi-volatile Organic Compounds con't			10 U	10 U	10 U	10 U	10 U	10 U
3&4-Methylphenol	ug/L	NA						
3,3'-Dichlorobenzidine	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ug/L	ND	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	ug/L	NA	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl alcohol	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	ug/L	NA	10 U	10 U	**2.3 J**	10 U	10 U	10 U
Dimethyl phthalate	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	ug/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	ug/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	ug/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:			0	0	1	0	0	0
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	0.09	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Discrete Compounds Detected:			0	0	0	0	0	0

Table 3.3

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			9210	10205	10210A	10210B	10210C	10215
			WG-TR1045-18A-410-060624-018-JA	WG-TR1045-18A-410-060624-025-SG	WG-TR1045-18A-410-060624-022-SG	WG-TR1045-18A-410-060624-027-SG	WG-TR1045-18A-410-060624-020-JA	WG-TR1045-18A-410-060624-024-JA
			6/6/24	6/6/24	6/6/24	6/6/24	6/6/24	6/6/24
Parameters	**Units**	**Class GA Standard**						
Pesticides								
4,4'-DDD	ug/L	0.3	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDE	ug/L	0.2	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDT	ug/L	0.2	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aldrin	ug/L	ND	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	ug/L	0.01	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	ug/L	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	ug/L	0.04	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	ug/L	0.04	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	ug/L	0.004	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan I	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin	ug/L	ND	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin ketone	ug/L	5	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-BHC (lindane)	ug/L	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	ug/L	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	ug/L	0.04	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	ug/L	0.03	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	ug/L	35	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 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

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			10225A	10225B	10225C	10270	10270	10272
			WG-TR1045-18A-410-060724-031-SG	WG-TR1045-18A-410-060724-033-SG	WG-TR1045-18A-410-060724-035-SG	WG-TR1045-18A-410-060524-021-SG	WG-TR1045-18A-410-060524-023-SG	WG-TR1045-18A-410-060424-009-SG
			6/7/24	6/7/24	6/7/24	6/5/24	6/5/24	6/4/24
Parameters	**Units**	**Class GA Standard**					(Duplicate)	
Volatile Organic Compounds								
1,1,1-Trichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	0.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L		10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA	10 U	**0.54 J**	10 U	10 U	10 U	10 U
Acetone	ug/L		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	ug/L		**150**	**2.5 J**	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	ug/L	5	5.0 U	5.0 U	**0.42 J**	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	ug/L	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5	5.0 U	5.0 U	**3.0 J**	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	0.4	5.0 U	**1.0 J**	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	ug/L	5	**0.20 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5	**0.56 J**	5.0 U	**0.34 J**	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5	5.0 U	5.0 U	**0.61 J**	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	5	5.0 U	5.0 U	**0.49 J**	5.0 U	5.0 U	5.0 U
Vinyl acetate	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	ug/L	5	**0.30 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds Detected:			4	3	5	0	0	0
Semi-volatile Organic Compounds								
1,2,4-Trichlorobenzene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U

Table 3.3

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			10225A	10225B	10225C	10270	10270	10272
			WG-TR1045-18A-410-060724-031-SG	WG-TR1045-18A-410-060724-033-SG	WG-TR1045-18A-410-060724-035-SG	WG-TR1045-18A-410-060524-021-SG	WG-TR1045-18A-410-060524-023-SG	WG-TR1045-18A-410-060424-009-SG
			6/7/24	6/7/24	6/7/24	6/5/24	6/5/24	6/4/24
Parameters	**Units**	**Class GA Standard**					(Duplicate)	
Semi-volatile Organic Compounds con't			10 U	10 U	10 U	10 U	10 U	10 U
3&4-Methylphenol	ug/L	NA						
3,3'-Dichlorobenzidine	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ug/L	ND	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	ug/L	NA	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl alcohol	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	ug/L	NA	10 U	**2.3 J**	10 U	10 U	10 U	10 U
Dimethyl phthalate	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	ug/L	0.04	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	ug/L	0.5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	ug/L	0.4	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	ug/L	1	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:			0	1	0	0	0	0
Polychlorinated Biphenyls								
Aroclor-1016 (PCB-1016)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	0.09	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Discrete Compounds Detected:			0	0	0	0	0	0

Table 3.3

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			10225A	10225B	10225C	10270	10270	10272
			WG-TR1045-18A-410-060724-031-SG	WG-TR1045-18A-410-060724-033-SG	WG-TR1045-18A-410-060724-035-SG	WG-TR1045-18A-410-060524-021-SG	WG-TR1045-18A-410-060524-023-SG	WG-TR1045-18A-410-060424-009-SG
			6/7/24	6/7/24	6/7/24	6/5/24	6/5/24	6/4/24
Parameters	**Units**	**Class GA Standard**					(Duplicate)	
Pesticides								
4,4'-DDD	ug/L	0.3	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDE	ug/L	0.2	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDT	ug/L	0.2	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aldrin	ug/L	ND	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	ug/L	0.01	**0.072**	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	ug/L	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	ug/L	0.04	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	ug/L	0.04	**0.029 J**	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	ug/L	0.004	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan I	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin	ug/L	ND	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin ketone	ug/L	5	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-BHC (lindane)	ug/L	0.05	**0.049 J**	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	ug/L	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	ug/L	0.04	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	ug/L	0.03	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	ug/L	35	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 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:			3	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

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			10272	10278	MW-1	MW-2
			WG-TR1045-18A-410-060424-011-SG	WG-TR1045-18A-410-060424-007-SG	WG-TR1045-18A-410-060524-016-JA	WG-TR1045-18A-410-060524-017-SG
			6/4/24	6/4/24	6/5/24	6/5/24
Parameters	**Units**	**Class GA Standard**	(Duplicate)			
Volatile Organic Compounds						
1,1,1-Trichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	0.6	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	NA	10 U	10 U	10 U	10 U
2-Hexanone	ug/L		10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	NA	10 U	10 U	10 U	10 U
Acetone	ug/L		10 U	10 U	10 U	10 U
Benzene	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L		5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L		5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	ug/L		10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	ug/L	7	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	0.4	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L		5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	0.4	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	ug/L	NA	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	2	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	ug/L	5	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds Detected:			0	0	0	0
Semi-volatile Organic Compounds						
1,2,4-Trichlorobenzene	ug/L	5	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	3	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether	ug/L	5	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	ug/L	1	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	ug/L	1	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L	5	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	ug/L	1	50 U	50 U	50 U	50 U
2,4-Dinitrophenol	ug/L	1	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	ug/L	5	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	ug/L	5	10 U	10 U	10 U	10 U
2-Chloronaphthalene	ug/L	NA	10 U	10 U	10 U	10 U
2-Chlorophenol	ug/L	1	10 U	10 U	10 U	10 U
2-Methylnaphthalene	ug/L	NA	10 U	10 U	10 U	10 U
2-Methylphenol	ug/L	1	10 U	10 U	10 U	10 U
2-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U
2-Nitrophenol	ug/L	1	10 U	10 U	10 U	10 U

Table 3.3

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			10272	10278	MW-1	MW-2
			WG-TR1045-18A-410-060424-011-SG	WG-TR1045-18A-410-060424-007-SG	WG-TR1045-18A-410-060524-016-JA	WG-TR1045-18A-410-060524-017-SG
			6/4/24	6/4/24	6/5/24	6/5/24
Parameters	**Units**	**Class GA Standard**	**(Duplicate)**			
Semi-volatile Organic Compounds con't			10 U	10 U	10 U	10 U
3&4-Methylphenol	ug/L	NA				
3,3'-Dichlorobenzidine	ug/L	5	10 U	10 U	10 U	10 U
3-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	ug/L	1	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether	ug/L	NA	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	1	10 U	10 U	10 U	10 U
4-Chloroaniline	ug/L	5	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	NA	10 U	10 U	10 U	10 U
4-Nitroaniline	ug/L	5	10 U	10 U	10 U	10 U
4-Nitrophenol	ug/L	1	50 U	50 U	50 U	50 U
Acenaphthene	ug/L	NA	10 U	10 U	10 U	10 U
Acenaphthylene	ug/L	NA	10 U	10 U	10 U	10 U
Anthracene	ug/L	NA	10 U	10 U	10 U	10 U
Benzo(a)anthracene	ug/L	NA	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ug/L	ND	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	ug/L	NA	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U
Benzoic acid	ug/L	NA	50 U	50 U	50 U	50 U
Benzyl alcohol	ug/L	NA	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	ug/L	5	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L	1	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5	10 U	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	ug/L	NA	10 U	10 U	10 U	10 U
Chrysene	ug/L	NA	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	NA	10 U	10 U	10 U	10 U
Dibenzofuran	ug/L	NA	10 U	10 U	10 U	10 U
Diethyl phthalate	ug/L	NA	10 U	10 U	10 U	10 U
Dimethyl phthalate	ug/L	NA	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	ug/L	50	10 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	NA	10 U	10 U	10 U	10 U
Fluoranthene	ug/L	NA	10 U	10 U	10 U	10 U
Fluorene	ug/L	NA	10 U	10 U	10 U	10 U
Hexachlorobenzene	ug/L	0.04	10 U	10 U	10 U	10 U
Hexachlorobutadiene	ug/L	0.5	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	ug/L	5	10 U	10 U	10 U	10 U
Hexachloroethane	ug/L	5	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	10 U	10 U	10 U	10 U
Isophorone	ug/L	NA	10 U	10 U	10 U	10 U
Naphthalene	ug/L	NA	10 U	10 U	10 U	10 U
Nitrobenzene	ug/L	0.4	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	ug/L	NA	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	NA	10 U	10 U	10 U	10 U
Pentachlorophenol	ug/L	1	50 U	50 U	50 U	50 U
Phenanthrene	ug/L	NA	10 U	10 U	10 U	10 U
Phenol	ug/L	1	10 U	10 U	10 U	10 U
Pyrene	ug/L	NA	10 U	10 U	10 U	10 U
Discrete Compounds Detected:			0	0	0	0
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	0.09	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	0.09	1.0 U	1.0 U	1.0 U	1.0 U
Discrete Compounds Detected:			0	0	0	0

Table 3.3

2024 Analytical Results Summary - Bedrock
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

			10272	10278	MW-1	MW-2
			WG-TR1045-18A-410-060424-011-SG	WG-TR1045-18A-410-060424-007-SG	WG-TR1045-18A-410-060524-016-JA	WG-TR1045-18A-410-060524-017-SG
			6/4/24	6/4/24	6/5/24	6/5/24
Parameters	**Units**	**Class GA Standard**	(Duplicate)			
Pesticides						
4,4'-DDD	ug/L	0.3	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDE	ug/L	0.2	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDT	ug/L	0.2	0.050 U	0.050 U	0.050 U	0.050 U
Aldrin	ug/L	ND	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	ug/L	0.01	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	ug/L	0.05	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	ug/L	0.04	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	ug/L	0.04	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	ug/L	0.004	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan I	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	ug/L	NA	0.050 U	0.050 U	0.050 U	0.050 U
Endrin	ug/L	ND	0.050 U	0.050 U	0.050 U	0.050 U
Endrin ketone	ug/L	5	0.050 U	0.050 U	0.050 U	0.050 U
gamma-BHC (lindane)	ug/L	0.05	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	ug/L	0.05	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	ug/L	0.04	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	ug/L	0.03	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	ug/L	35	0.050 U	0.050 U	0.050 U	0.050 U
Toxaphene	ug/L	0.06	0.50 U	0.50 U	0.50 U	0.50 U
Discrete Compounds Detected:			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 3.4

2024 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**
7115	B	0	0	0	0
7125	B	0	0	0	0
7130	B	0	0	0	0
7132	B	0	0	0	0
8106	B	0	0	0	0
8115	B	0	0	0	0
8125	B	1	0	0	0
9105	B	0	0	0	0
9113	B	1	0	0	0
9118	B	0 (0)	0 (0)	0 (0)	0 (0)
10178A	B	0	0	0	0
10178B	B	0	0	0	0
Total Overburden Well Detections		**2 (0)**	**0 (0)**	**0 (0)**	**0 (0)**
Number of Discrete Compounds Detected		**1 (0)**	**0 (0)**	**0 (0)**	**0 (0)**

Well 10135	**Well Group**	**VOCs**	**SVOCs**	**PCBs**	**Pesticides**
10135	A	3	14	0	4
Total Well 10135 Well Detections		**1**	**1**	**0**	**1**
Number of Discrete Compounds Detected		**3**	**14**	**0**	**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	1	1	0	0
10210A	A	2	0	0	0
10210B	A	0	0	0	0
10210C	A	0	0	0	0
10215	A	0	0	0	0
10225A	A	4	0	0	3
10225B	A	3	1	0	0
10225C	A	5	0	0	0
10270	A	0 (0)	0 (0)	0 (0)	0 (0)
10272	A	0 (0)	0 (0)	0 (0)	0 (0)
10278	A	0	0	0	0
MW-01	A	0	0	0	0
MW-02	A	0	0	0	0
Total Bedrock Well Detections		**5 (0)**	**2 (0)**	**0 (0)**	**1 (0)**
Number of Discrete Compounds Detected		**10 (0)**	**1 (0)**	**0 (0)**	**3 (0)**

Notes:

* - A portion of the data was rejected during data validation; rejected data is not included in total. Rejected results were non-detect.
** - All data rejected during data validation; rejected data is not included in total. Rejected results were non-detect.
NA - Not available
U - No parameters detected at or above detection limits
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

2024 Annual Sampling Wells Groundwater Elevations
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Well	Date	Reference Elevation (ft AMSL)	Well Depth (feet)	Water Depth (feet)	Groundwater Elevation (ft AMSL)
7115	6/4/2024	576.15	35.33	8.81	567.34
7125	6/4/2024	576.94	25.48	6.78	570.16
7130	6/4/2024	576.21	27.00	12.02	564.19
7132	6/4/2024	576.94	28.00	12.67	564.27
8106	6/5/2024	572.04	17.00	7.03	565.01
8115	6/4/2024	577.54	31.86	7.08	570.46
8125	6/7/2024	577.54	32.00	13.12	564.42
9105	6/7/2024	576.76	32.83	10.99	565.77
9113	6/7/2024	575.82	36.98	10.90	564.92
9118 (Dup)	6/6/2024	576.17	36.68	11.45	564.72
10135	6/7/2024	582.30	29.50	11.21	571.09
10178A	6/4/2024	574.55	10.94	5.12	569.43
10178B	6/4/2024	574.61	20.82	5.85	568.76
3257	6/5/2024	572.38	29.4	8.17	564.21
5221	6/5/2024	576.80	42.06	11.46	565.34
6209	6/6/2024	577.55	42.00	13.14	564.41
7205	6/4/2024	576.77	48.00	12.43	564.34
8210	6/5/2024	573.36	43.80	7.97	565.39
9205	6/5/2024	574.38	48.70	9.42	564.96
9210	6/6/2024	581.43	82.30	16.98	564.45
10205	6/6/2024	577.59	54.30	13.15	564.44
10210A	6/6/2024	576.12	217.00	4.88	571.24
10210B	6/6/2024	576.50	140.00	12.28	564.22
10210C	6/6/2024	576.18	84.00	11.82	564.36
10215	6/6/2024	576.92	59.40	12.60	564.32
10225A	6/7/2024	576.60	205.00	11.52	565.08
10225B	6/7/2024	576.49	137.70	11.65	564.84
10225C	6/7/2024	576.97	62.50	12.32	564.65
10270 (Dup)	6/5/2024	575.86	47.00	11.81	564.05
10272 (Dup)	6/4/2024	577.32	47.7	12.97	564.35
10278	6/4/2024	575.82	47.00	11.35	564.47
MW-01	6/5/2024	572.09	36.78	7.63	564.46
MW-02	6/5/2024	571.64	36.90	7.00	564.64

Notes:

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																
Units - microgram/liter (ug/L)																
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	14C			13B				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																
Units - microgram/liter (ug/L)																
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)	3B															
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																
Units - microgram/liter (ug/L)																
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:

* - 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 used when there are large differences 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
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																
Units - microgram/liter (ug/L)																
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																
Units - microgram/liter (ug/L)																
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																
Units - microgram/liter (ug/L)																
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:

* - 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 used when there are large differences 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
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	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	6/19/2023	06/06/2024	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	5/23/2003
Parameters																
Units - microgram/liter (ug/L)																
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									23
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	2 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	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	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	6/19/2023	06/06/2024	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	5/23/2003
Parameters																
Units - microgram/liter (ug/L)																
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							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					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																1 J
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	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B	10210B
Sample Date:	6/19/2023	06/06/2024	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	5/23/2003
Parameters																
Units - microgram/liter (ug/L)																
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																19
Alpha-Chlordane																
Aroclor-1260 (PCB-1260)																
beta&gamma-BHC (sum of isomers)																
Beta-BHC																1.9
Delta-BHC																0.56 J
Dieldrin																0.13 J
Endosulfan I																0.11 J
Endosulfan II																
Endosulfan Sulfate																
Endrin																
Endrin ketone																
Gamma-BHC (Lindane)																2.1
Gamma-Chlordane																0.15 J
Heptachlor																
Heptachlor epoxide																0.35 J
Methoxychlor																

Notes:

* - 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 used when there are large differences 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
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	10210B
Sample Date:	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	6/28/2016	7/10/2017
Parameters																
Units - microgram/liter (ug/L)																
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
Benzene																
Bromodichloromethane																
Bromoform																
Bromomethane (Methyl bromide)																
Carbon Disulfide		1.4 J	1 J	6 J					4.0 J	4.6 J	6.1 J		2.9 J	7.9		3.4 J
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	10210B
Sample Date:	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	6/28/2016	7/10/2017
Parameters																
Units - microgram/liter (ug/L)																
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			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																
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	10210B
Sample Date:	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	6/28/2016	7/10/2017
Parameters																
Units - microgram/liter (ug/L)																
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	2.4	0.37	0.58	0.016 J		0.064	0.050	0.050 / 0.064		0.048 J					0.056 J	
Alpha-Chlordane																
Aroclor-1260 (PCB-1260)																
beta&gamma-BHC (sum of isomers)																
Beta-BHC	0.53	0.082 P	0.082													
Delta-BHC	0.15		0.047 J			0.032 J	0.028 J	0.028 J / 0.032 J	0.050 J	0.042 J					0.17 J	
Dieldrin																
Endosulfan I																
Endosulfan II																
Endosulfan Sulfate																
Endrin																
Endrin ketone																
Gamma-BHC (Lindane)	0.39	0.046 J	0.099			0.038 J	0.033 J	0.038 J / 0.033 J		0.061 J					0.084	
Gamma-Chlordane																
Heptachlor										0.053 J						
Heptachlor epoxide																
Methoxychlor																

Notes:

* - 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 used when there are large differences 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
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	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	7/19/2018	6/17/2019	6/30/2020	6/14/2021	09/23/2022	06/14/2023	06/06/2024	7/25/1990	8/22/1991	8/26/1992	8/11/1993	6/8/1994	6/1/1995	7/1/1996	7/1/1997	6/22/1998
Parameters																
Units - microgram/liter (ug/L)																
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							10 UJ			10 B		19 B				
Benzene																
Bromodichloromethane																
Bromoform																
Bromomethane (Methyl bromide)							5.0 UJ									
Carbon Disulfide	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	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	7/19/2018	6/17/2019	6/30/2020	6/14/2021	09/23/2022	06/14/2023	06/06/2024	7/25/1990	8/22/1991	8/26/1992	8/11/1993	6/8/1994	6/1/1995	7/1/1996	7/1/1997	6/22/1998
Parameters																
Units - microgram/liter (ug/L)																
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	110	62	0.6J
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				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	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C	10210C
Sample Date:	7/19/2018	6/17/2019	6/30/2020	6/14/2021	09/23/2022	06/14/2023	06/06/2024	7/25/1990	8/22/1991	8/26/1992	8/11/1993	6/8/1994	6/1/1995	7/1/1996	7/1/1997	6/22/1998
Parameters																
Units - microgram/liter (ug/L)																
Semi-volatile Organic Compounds (µg/L) (con't)																
N-Nitrosodiphenylamine																
Pentachlorophenol																
Phenanthrene												0.03				
Phenol								2	6				22		22	
Pyrene																
Pesticides/PCBs (µg/L)																
4,4'-DDD																
4,4'-DDE																
Aldrin																
Alpha-BHC		0.054	0.12		0.091											
Alpha-Chlordane																
Aroclor-1260 (PCB-1260)																
beta&gamma-BHC (sum of isomers)																
Beta-BHC																
Delta-BHC			0.076	0.082	0.027 J											
Dieldrin																
Endosulfan I																
Endosulfan II																
Endosulfan Sulfate																
Endrin																
Endrin ketone																
Gamma-BHC (Lindane)		0.055	0.10	0.076	0.039 J											
Gamma-Chlordane																
Heptachlor																
Heptachlor epoxide																
Methoxychlor																

Notes:

* - 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 used when there are large differences 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
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	10210C
Sample Date:	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	7/14/2011	6/22/2012	6/15/2013	6/26/2014
Parameters																
Units - microgram/liter (ug/L)																
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				U/1.4 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	10210C
Sample Date:	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	7/14/2011	6/22/2012	6/15/2013	6/26/2014
Parameters																
Units - microgram/liter (ug/L)																
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																
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	10210C
Sample Date:	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	7/14/2011	6/22/2012	6/15/2013	6/26/2014
Parameters																
Units - microgram/liter (ug/L)																
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								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:

* - 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 used when there are large differences 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
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	10135	10135	10135	10135	10135	10135
Sample Date:	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	9/13/1990	8/29/1991	8/26/1992	8/19/1993	6/22/1994	6/1/1995
Parameters																
Units - microgram/liter (ug/L)																
Volatile Organic Compounds (µg/L)																
1,1,1-Trichloroethane														8	14	
1,1,2,2-Tetrachloroethane														12	51	
1,1,2-Trichloroethane																
1,1-Dichloroethane																
1,1-Dichloroethene											6			15	3	
1,2-Dichloroethane																
1,2-Dichloroethene (total)													700	840	650	670 JD
1,2-Dichloropropane																
2-Butanone (Methyl Ethyl Ketone)														36		
2-Hexanone																
Acetone			4.3 J							10 UJ	50			270	100 B	100 J
Benzene											6200	6700		5200	6000 E	4900 D
Bromodichloromethane																
Bromoform																
Bromomethane (Methyl bromide)										5.0 UJ						
Carbon Disulfide			0.77 J	6.3 J	2.6 J	4.2 J	0.48 J / ND	2.1 J								
Chlorobenzene											2380	2400	2600	1700 E	2900 E	2000 D
Chloroform														100	120	86 J
Chlorotoluenes											16600	16000				
cis-1,2-Dichloroethene																
Dibromochloromethane																
Dichlorotoluene, total											14000	140				
Ethylbenzene											12	10		13	12	
m&p-Xylenes																
Methylene Chloride											5			41	8	
o-Xylene																
Styrene														4		
Tetrachloroethene											50			8	32	
Toluene											22800	26000	2700	17000	21500	18000 D
trans-1,2-Dichloroethene											20					
Trichloroethene											260	450		24	140	18 J
Trichlorotoluene, total											40					
Vinyl Acetate													6800			
Vinyl Chloride															61	44 J
Xylenes (total)											50	30		47	10 B	37 J

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	10135	10135	10135	10135	10135	10135
Sample Date:	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	9/13/1990	8/29/1991	8/26/1992	8/19/1993	6/22/1994	6/1/1995
Parameters																
Units - microgram/liter (ug/L)																
Semi-volatile Organic Compounds (µg/L)																
1,2,4-Trichlorobenzene											80	290		74	87 B	
1,2-Dichlorobenzene											50	16		35	34	
1,3-Dichlorobenzene															4	
1,4-Dichlorobenzene											120	47	110	94	91	
2,4,5-Trichlorophenol											860	130		70	59	
2,4,6-Trichlorophenol												120			8	
2,4-Dichlorophenol											830		1200B	420	610	150
2,4-Dimethylphenol															9	
2,4-Dinitrotoluene																
2-Chloronaphthalene																150
2-Chlorophenol															20	
2-Methylnaphthalene																
2-Methylphenol														51	46	
3&4-Methylphenol																
2-Nitrophenol																
3,5-Dichlorotoluene														350		
4-Chloro-3-methylphenol												13			31	
4-Chlorophenyl phenyl ether															2	
4-Methylphenol												10		60	64	
Acetic acid																
Anthracene															1	
Benzo(a)pyrene																
Benzo(b)fluoranthene																
Benzo(g,h,i)perylene																
Benzo(k)fluoranthene																
Benzoic Acid											140000	580				6400 D
Benzyl Alcohol											4200	1100				380
Bis(2-Chloroethyl)Ether														23		
bis(2-Ethylhexyl)Phthalate														50	2	
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																

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	10135	10135	10135	10135	10135	10135
Sample Date:	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	9/13/1990	8/29/1991	8/26/1992	8/19/1993	6/22/1994	6/1/1995
Parameters																
Units - microgram/liter (ug/L)																
Semi-volatile Organic Compounds (µg/L) (con't)																
N-Nitrosodiphenylamine																
Pentachlorophenol														52	4	
Phenanthrene																
Phenol					1.7 J							10		98	91	140
Pyrene																
Pesticides/PCBs (µg/L)																
4,4'-DDD																
4,4'-DDE															0.071	
Aldrin													0.53	0.24 P		
Alpha-BHC		0.062			0.021 J	0.081	ND / 0.13	0.036 J					84	42 C	24 CEP	28 D
Alpha-Chlordane																
Aroclor-1260 (PCB-1260)																
beta&gamma-BHC (sum of isomers)														19.5	20.4	
Beta-BHC																10 D
Delta-BHC		0.14 J			0.028 J	0.068 J	0.12 J / 0.29 J	0.047					15	9.8	7.5 CE	4.7
Dieldrin																
Endosulfan I																
Endosulfan II																
Endosulfan Sulfate														0.43 P		
Endrin	0.13														0.15 P	
Endrin ketone																
Gamma-BHC (Lindane)		0.13			0.026 J	0.089	0.075 J / 0.23 J	0.039 J					33			
Gamma-Chlordane																
Heptachlor																
Heptachlor epoxide																
Methoxychlor																

Notes:

* - 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 used when there are large differences 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
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:	6/27/1996	7/7/1997	6/17/1998	6/16/1999	6/22/2000	5/11/2001	6/12/2002	5/19/2003	5/28/2004	6/17/2005	6/28/2005	6/26/2006	7/18/2007	7/23/2008	6/25/2009
Parameters															
Units - microgram/liter (ug/L)															
Volatile Organic Compounds (µg/L)															
1,1,1-Trichloroethane															
1,1,2,2-Tetrachloroethane	26		94 J	29 / 32	27 J / 26 J	120 J / 100 J	56	38					16 J		25 / 24
1,1,2-Trichloroethane	14		29 J	15 / 12	16 J / 14 J	29 J / 34 J	27						15 J		9.1 J / 8.7 J
1,1-Dichloroethane															
1,1-Dichloroethene				4 J / 3 J	4 J / 4 J	4 J / 4 J	4 J	3 J					2 J		
1,2-Dichloroethane															
1,2-Dichloroethene (total)	560						600 J / 560	490 J							
1,2-Dichloropropane															
2-Butanone (Methyl Ethyl Ketone)					10 J	11 J / 12 J									5.8 J / 6.1 J
2-Hexanone															
Acetone	60		110 J		28 J / 46 J		72	74				200 J	53 J		42 / 37
Benzene	4800	5000 / 5600	5300 J	5700 / 5600	6900 J / 6400 D	8500 J / 7600	5900 / 6400	5500		5400	5700	6800	7100	5300	7500 / 7600
Bromodichloromethane															
Bromoform															
Bromomethane (Methyl bromide)															
Carbon Disulfide				2 J									2 J		
Chlorobenzene	1500	2300 / ND	1900 J	1900 / 1800	2300 J / 2300 J	3000 J / 2700 J	2200 / 2400	1900		2000	2100	2400	2100	1400	2900 J / 3000 J
Chloroform	110		150 J	110 / 120	130 J / 100 J	160 J / 150 J	160	110				110 J	140 J	99 J	96 / 97
Chlorotoluenes															
cis-1,2-Dichloroethene												630		79 J	79 / 76
Dibromochloromethane															
Dichlorotoluene, total															
Ethylbenzene			12	9 J / 10 J	12 J / 12 J	24 J / 22 J	15	10					10 J		10 / 10
m&p-Xylenes							39	29							
Methylene Chloride	11				24 J / 24 J		39	26			100 J	44 J	32 J		25 / 24
o-Xylene							12	9 J							
Styrene															
Tetrachloroethene			40 J	13 / 12	16 J / 14 J	50 J / 61 J	38	18					13 J		14 / 14
Toluene	14000	19000 / 17000	16000 J	16000 / 17000	21000 D / 21000 J	24000 / 22000	20000 j / 19000	15000		16000	18000	21000	23000	13000	24000 / 24000
trans-1,2-Dichloroethene			58 J	67 / 70	67 J / 70 J	59 J / 60 J						52 J	50 J	32 J	30 / 30
Trichloroethene	36		170 J	58 / 70	60 J / 72 J	180 J / 140 J	160 / 130 J	91				46 J	89 J	27 J	91 / 89
Trichlorotoluene, total															
Vinyl Acetate															
Vinyl Chloride	50		48 J	62 / 61	110 J / 85 J	66 J / 75 J	48	51							27 / 17
Xylenes (total)	28		55 J	44 / 43	42 J / 44 J								37 J		44 / 53

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:	6/27/1996	7/7/1997	6/17/1998	6/16/1999	6/22/2000	5/11/2001	6/12/2002	5/19/2003	5/28/2004	6/17/2005	6/28/2005	6/26/2006	7/18/2007	7/23/2008	6/25/2009
Parameters															
Units - microgram/liter (ug/L)															
Semi-volatile Organic Compounds (µg/L)															
1,2,4-Trichlorobenzene			78 J	45 J / 65 J	45 J / 36 J	65 J / 42 J		97 J		67 J		63	47 J	28	110 / 110
1,2-Dichlorobenzene				24 J / 30 J	18 J / 22 J	48 J		59 J		36 J		37	31 J	10 J	68 / 52
1,3-Dichlorobenzene												3 J	87 J		4.1 J / 5.5 J
1,4-Dichlorobenzene				61 J / 74 J	59 J / 52 J	110 J / 69 J		160 J		100 J	110 J	100	84 J	24	150 J / 100 J
2,4,5-Trichlorophenol			38 J		0.9 J							8 J			
2,4,6-Trichlorophenol					1 J									6 J	28 / 23
2,4-Dichlorophenol		2100 / 2100	2000	690 / 610	1400 J / 470 J	620 J / 1200 J	1800 J / 1500 J	1700		420	300 J	250	490	150	1200 / 1100
2,4-Dimethylphenol					2 J										
2,4-Dinitrotoluene															
2-Chloronaphthalene						370 J / 550 J									
2-Chlorophenol			28 J	25 J								18		17 J	31 / 26
2-Methylnaphthalene															
2-Methylphenol			55 J	42 J / 35 J	160 J	41 J		50 J		25 J		33	34 J	140	66 J / 50 J
3&4-Methylphenol															
2-Nitrophenol					1 J										
3,5-Dichlorotoluene															
4-Chloro-3-methylphenol				25 J / 33 J				41 J				15		26	95 / 97
4-Chlorophenyl phenyl ether															
4-Methylphenol			130 J	95 J / 120	99 J / 300 J	130 J / 86 J		210 J		49 J	98 J	110	120 J	110	170 J / 140 J
Acetic acid															
Anthracene															
Benzo(a)pyrene															
Benzo(b)fluoranthene															
Benzo(g,h,i)perylene															
Benzo(k)fluoranthene															
Benzoic Acid	4000	27000 J / 30000 J	23000 J	4300 / 5000	4700 J / 19000 J	6200 J / 4400 J	31000 / 25000	26000		1400 J	4700 J	14000 J	14000	7600 J	39000 J / 54000 J
Benzyl Alcohol		1900 / 1600	2700	680 / 540	14000 D / 3200 J	330 J / 630 J	2000 / 1700 J	640		23 J		48	580	38	1200 / 1300
Bis(2-Chloroethyl)Ether			24 J	26 J / 25 J						24 J		24	30 J	16 J	29 / 28
bis(2-Ethylhexyl)Phthalate					41 J / 24 J							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				1400 J / 2000 J	4000 J / 1800 J	1400 / 1100				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:	6/27/1996	7/7/1997	6/17/1998	6/16/1999	6/22/2000	5/11/2001	6/12/2002	5/19/2003	5/28/2004	6/17/2005	6/28/2005	6/26/2006	7/18/2007	7/23/2008	6/25/2009
Parameters															
Units - microgram/liter (ug/L)															
Semi-volatile Organic Compounds (µg/L) (con't)															
N-Nitrosodiphenylamine															
Pentachlorophenol															
Phenanthrene															
Phenol				120 / 96 J		51 J		180 J			100 J	140	130 J	96	140 J / 160 J
Pyrene															
Pesticides/PCBs (µg/L)															
4,4'-DDD				0.21 / 0.20 J	0.13 J / 0.071 J					0.19 J	0.11 J		0.081 J	0.13 J	
4,4'-DDE															
Aldrin				0.21 J / 0.74 JN		1.5 JN / 0.95 JN	0.12 J / 0.12 J						0.073	0.052 J	0.55 J / 0.55 J
Alpha-BHC	29	39 / 39	59	40 / 37 J	50 / 50	43 J / 50 J	43 / 39	49		15	21 C	35	12	17	27 J / 32 J
Alpha-Chlordane							0.031 J / 0.017 J						0.011 J		
Aroclor-1260 (PCB-1260)															12 J / 11 J
beta&gamma-BHC (sum of isomers)															
Beta-BHC	11	8.1 / 8.6	12	12 / 11 J	15 / 16	16 J / 16 J	14 J / 13 J	15 J		3.4	5.6	7.1	3.7	4.4	11 J / 9.1 J
Delta-BHC	5.2	5.1 / ND	8.9	11 / 9.6 J	13 / 14	10 J / 12 J	9.0 J / 11 J	12		9.1	9.1	13	4.7	6.3	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					0.15 J					1.6 J / 2.3
Endosulfan Sulfate				0.18 / 0.17 J	0.17 J			1.3 J					0.34	0.37 J	1.5 J
Endrin													0.034 J		1.9 / 1.3 J
Endrin ketone															
Gamma-BHC (Lindane)	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			0.32 J	4.8	2.1	2	7.4 J / 6.2 J
Gamma-Chlordane					0.18 J / 0.16 J		0.29 J / 0.35 J					.33 J	0.017 J		
Heptachlor				0.63 / 0.68 JN				0.61 J					0.092	0.19 J	
Heptachlor epoxide				0.043 J / 0.058 J	0.031 J / 0.029 J		0.016 J / 0.025 J	2.2 J		0.053			0.29	0.13 J	1.6 J / 1.7 J
Methoxychlor															

Notes:

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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 used when there are large differences 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
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:	**6/16/2010**	**7/13/2011**	**6/12/2012**	**6/18/2013**	**6/13/2014**	**6/25/2015**	**7/5/2016**	**7/7/2017**	**7/10/2018**	**6/19/2019**	**7/1/2020**	**6/9/2021**	**9/23/2022**	**6/19/2023**	**6/7/2024**
Parameters															
Units - microgram/liter (ug/L)															
Volatile Organic Compounds (µg/L)															
1,1,1-Trichloroethane															
1,1,2,2-Tetrachloroethane								3.4 J		1.8 J / 1.8 J	6.1 / 7.9				
1,1,2-Trichloroethane								8.1		3.4 J / 3.8 J	12 / 14				
1,1-Dichloroethane								0.32 J		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)								5.1 J		5.7 J / 4.4 J	12 / 6.8 J				
2-Hexanone											0.20 U / 2.1 J				
Acetone	39							45		50 / 35	79 / 71				
Benzene	3400	2200	5900	2500	6100	6200	7100	6300	6200	4900 / 5700	6500 / 6300	6800	6200	4700 / 6200	6800
Bromodichloromethane									38 J			75 J			
Bromoform															
Bromomethane (Methyl bromide)															
Carbon Disulfide								0.31 J		0.31 J / 0.33 J					
Chlorobenzene	1300	1100	2500	730	2300	2600	2700	2600	2400	2200 / 2400	2500 / 2400	2500	2600	1700 / 2200	2500
Chloroform	160	67	130 J			180 J	400 J	100	230 J	59 / 60	140 / 140	420 J	270 J	500 U / 52 J	
Chlorotoluenes															
cis-1,2-Dichloroethene	110	38 J							39 J	8.1 / 8.4	26 / 28				
Dibromochloromethane															
Dichlorotoluene, total															
Ethylbenzene	13							14		10 / 11	12 / 12				
m&p-Xylenes															
Methylene Chloride	38	16 J				150 J		23		3.5 J / 3.8 J	6.4 / 7.2				
o-Xylene															
Styrene															
Tetrachloroethene	19	9.5 J						17		5.0 J / 5.3	20 / 23				
Toluene	11000	3100	14000	6100	20000	20000	23000	19000	21000	17000 / 19000	22000 / 21000	25000	2300	16000 / 18000	23000
trans-1,2-Dichloroethene	48	17 J						31	34 J	27 / 27	29 / 35			500 U / 24 J	
Trichloroethene	140	52				110 J	78 J	73	71 J	26 / 28	120 / 130	120 J	48 J		
Trichlorotoluene, total															
Vinyl Acetate															
Vinyl Chloride	31							15		3.9 J / 5.0 U	10 / 11				
Xylenes (total)	51							58	35 J	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	10135	10135	10135	10135	10135	10135	10135	10135
Sample Date:	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	6/19/2019	7/1/2020	6/9/2021	9/23/2022	6/19/2023	6/7/2024
Parameters															
Units - microgram/liter (ug/L)															
Semi-volatile Organic Compounds (µg/L)															
1,2,4-Trichlorobenzene	78 J	76 J	74 J	69	64 J		22 J			28 J / 14 J	93 / 100	51 J	65	33 J / 34 J	19 / 26*
1,2-Dichlorobenzene	57 J	45 J		45	34 J	47 J	14 J				25 / 34	29 J	25	24 J / 25 J	22 / 24*
1,3-Dichlorobenzene				5.2 J							3.6 J / 4.1 J		3.0 J		4.2 J / 5.0 J*
1,4-Dichlorobenzene	150 J	130 J	110 J	130	94 J	140 J	36 J			45 J / 21 J	73 / 97	82 J	72	67 / 67	60 / 68*
2,4,5-Trichlorophenol				10							37 / 26	23 J	17		U / 2.5 J*
2,4,6-Trichlorophenol				12											
2,4-Dichlorophenol	780	590	240	360	660	790	42 J		120 J	35 J / 94 U	330 / 350	140	69		3.8 J / U
2,4-Dimethylphenol											8.9 J / 6.9 J				4.5 J- / 4.6 J*
2,4-Dinitrotoluene													6.0 J		
2-Chloronaphthalene			150 J	210									2.5 J		
2-Chlorophenol				28			12 J				27 / 31	18 J	13	19 J / 20 J	11 / 13*
2-Methylnaphthalene											1.4 J / 1.2 U				
2-Methylphenol	42 J	30 J		29	23 J	44 J					32 / 32	28 J	15	29 J / 28 J	23 / 26*
3&4-Methylphenol								34	80 J	31 J / 94 U	71 / 71	74 J	45	91 / 90	78 / 92*
2-Nitrophenol															
3,5-Dichlorotoluene															
4-Chloro-3-methylphenol	31 J			23							46 / 40	20 J	16	28 J / 27 J	19 / 22*
4-Chlorophenyl phenyl ether															
4-Methylphenol	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	9500	11000	8700	16000	14000	16000	1100		6000	1300 / 1100	11000 / 10000	3600	2200	390 / 430	200 / 260 B*
Benzyl Alcohol	610	450	600 J	380 J	290	250	79 J		280 J	61 J / 43 J	290 J / 290	260	66	14 J / 15 J	7.6 J / 10*
Bis(2-Chloroethyl)Ether	34 J	28 J		26	19 J	27 J					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	10135	10135	10135	10135	10135	10135	10135	10135
Sample Date:	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	6/19/2019	7/1/2020	6/9/2021	9/23/2022	6/19/2023	6/7/2024
Parameters															
Units - microgram/liter (ug/L)															
Semi-volatile Organic Compounds (µg/L) (con't)															
N-Nitrosodiphenylamine															
Pentachlorophenol															
Phenanthrene															
Phenol	100	82	89 J	92	62	87 J	11 J				40 / 44	40 J	21	48 / 44 J	37 / 45*
Pyrene															
Pesticides/PCBs (µg/L)															
4,4'-DDD	0.048 J		0.036 J	0.089 J											
4,4'-DDE				0.053											
Aldrin	0.063 J			0.16 J	0.060 J						1.0 J / 0.85	0.80	0.35		
Alpha-BHC	4.0	21	7.1 J	20	21 J	20	25		23	25 / 26	27 / 25	21	9	6.2 J+ / 5.7 J+	6.4 J+
Alpha-Chlordane															
Aroclor-1260 (PCB-1260)															
beta&gamma-BHC (sum of isomers)															
Beta-BHC	4.1	7.1	3.1	5.9	5.3 J	4.7	6.7		4.3	6.7 / 7.5	6.8 J / 6.9	6.6	2.8	2.0 J+ / 1.8 J+	1.5 J+
Delta-BHC	0.28	7.3	1.6 J	5.2	4.8 J	7.4	11		7.2	7.6 / 6.3	9.2 / 8.7	8.8	4.7	4.1 J+ / 4.1 J+	5.0 J+
Dieldrin															
Endosulfan I															
Endosulfan II				0.053 J	0.12 J										
Endosulfan Sulfate						0.035 J									
Endrin						1.4									
Endrin ketone					0.067 J										
Gamma-BHC (Lindane)	0.92	4.1	1.4 J	3.9	4.3 J	3.2	4.9		3.3	4.7 / 4.4	6.5 / 6.2	4.0	1.6	0.70 J+ / 0.64 J+	0.69 J+
Gamma-Chlordane				0.065	0.064 J	1.1 J									
Heptachlor			0.71	0.15 J	0.23 J									0.22 J+ / 0.22 U	
Heptachlor epoxide	0.10 J		0.089 J	0.22 J	0.23 J										
Methoxychlor			0.036 J												

Notes:

* - 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 used when there are large differences 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
Blank - Not detected
PCBs - Polychlorinated Biphenyls

Table 3.7A

1140 Series Piezometers Water Levels - 2024
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Silty Sand/Fill Medium

	Well **	
	1144 A	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)
03/05/24	572.27	561.70
06/03/24	571.40	561.70
09/03/24	570.33	561.70
12/03/24	569.42	561.70

Fractured Clay Medium

	Well **			
	1144 B	1143 A	1142 A	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/05/24	572.41	571.36	570.55	561.70
06/03/24	571.48	571.28	570.59	561.70
09/03/24	570.41	569.96	566.68	561.70
12/03/24	569.98	569.03	569.20	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)
03/05/24	571.90	571.18	569.67	568.01	566.16	561.70	564.18
06/03/24	571.24	571.27	569.83	568.19	566.33	561.70	563.85
09/03/24	570.36	570.20	569.45	568.23	566.46	561.70	564.28
12/03/24	569.61	569.09	568.27	567.54	565.97	561.70	564.22

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)
03/05/24	570.16	568.38	566.33	566.56	561.70	564.63
06/03/24	570.39	568.70	566.58	566.79	561.70	564.30
09/03/24	570.05	568.70	566.68	566.78	561.70	564.64
12/03/24	568.81	567.87	566.31	566.18	561.70	564.64

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 - 2024
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Silty Sand/Fill Medium

	Well **	
	1151 D	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)
03/05/24	570.38	561.85
06/03/24	569.23	561.85
09/03/24	568.62	561.85
12/03/24	568.61	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)
03/05/24	568.59	569.29	570.03	568.84	561.85
06/03/24	568.31	569.22	569.75	569.35	561.85
09/03/24	568.40	569.08	569.57	568.11	561.85
12/03/24	568.20	569.00	569.74	567.68	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)
03/05/24	567.98	568.35	569.09	572.68	567.72	561.85
06/03/24	567.85	568.28	568.90	570.04	567.87	561.85
09/03/24	568.17	568.22	569.16	569.96	567.80	561.85
12/03/24	568.11	568.05	569.41	571.83	567.67	561.85

Glacial Till Medium

	Well **			
	1154 A	1153 A	1151 A	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/05/24	572.32	571.42	567.18	561.85
06/03/24	572.23	569.26	566.95	561.85
09/03/24	572.03	569.31	567.12	561.85
12/03/24	571.91	571.20	567.22	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 - 2024
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Silty Sand/Fill Medium

	Well **	
	1165 D	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)
03/05/24	572.66	560.60
06/03/24	572.48	560.60
09/03/24	571.80	560.60
12/03/24	572.34	560.60

Silty Sand Medium

	Well **		
	1165 C	1163 D	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/05/24	572.69	DRY	560.60
06/03/24	572.36	DRY	560.60
09/03/24	572.34	DRY	560.60
12/03/24	572.24	DRY	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)
03/05/24	571.61	569.65	569.95	569.61	569.76	569.76	560.60	565.10	566.15
06/03/24	571.32	570.02	570.71	569.93	570.14	570.26	560.60	564.75	566.32
09/03/24	571.11	569.78	570.13	569.57	569.83	569.73	560.60	564.83	566.64
12/03/24	570.86	569.18	569.38	569.17	569.41	568.86	560.60	565.14	566.91

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)
03/05/24	570.29	570.21	569.18	572.38	568.71	566.74	569.04	565.27	560.60
06/03/24	569.21	569.25	568.56	572.67	568.67	566.81	569.39	565.28	560.60
09/03/24	568.95	569.02	568.00	572.58	568.84	567.04	569.26	565.49	560.60
12/03/24	570.32	569.91	568.62	572.05	568.66	566.99	568.86	565.57	560.60

Glacial Till Medium

	Well **			
	10176 D	1162 D	1161 A	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/05/24	567.71	567.65	565.26	560.60
06/03/24	567.49	567.65	565.31	560.60
09/03/24	567.96	567.81	565.25	560.60
12/03/24	567.59	567.79	565.29	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 - 2024
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

	Well **		
	1174 D	1173 D	Tile Drain
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/05/24	568.78	572.17	555.60
06/03/24	568.37	571.76	555.60
09/03/24	568.44	571.16	555.60
12/03/24	568.84	570.62	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)
03/05/24	570.28	569.76	569.96	571.69	568.83
06/03/24	570.27	569.78	569.79	571.92	568.83
09/03/24	570.39	570.53	570.08	571.67	568.67
12/03/24	570.62	570.30	570.01	570.77	568.29

	Well **				
	1172 C	1171 B	1171 C	Tile Drain	1170 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/05/24	569.25	562.59	561.61	555.60	571.59
06/03/24	569.50	562.60	561.52	555.60	565.69
09/03/24	569.56	562.78	561.62	555.60	564.62
12/03/24	568.99	562.72	561.73	555.60	561.45

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)
03/05/24	570.57	568.18	566.43	563.70	555.60	562.40
06/03/24	570.49	567.89	566.47	563.71	555.60	562.30
09/03/24	570.47	569.04	566.47	563.78	555.60	562.20
12/03/24	570.50	568.77	566.36	563.68	555.60	562.39

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 - 2024
Love Canal Long-Term Monitoring Program
Niagara Falls, New York

Silty Sand Medium

	Well **	
	1183 D	Tile Drain *
Date	(ft. AMSL)	(ft. AMSL)
03/05/24	566.84	560.00
06/03/24	566.79	560.00
09/03/24	566.74	560.00
12/03/24	566.76	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)
03/05/24	567.95	567.22	567.06	564.67	569.37
06/03/24	567.41	DRY	567.05	564.71	567.59
09/03/24	569.04	DRY	566.69	564.57	567.16
12/03/24	563.72	DRY	565.75	563.92	566.89

	Well **	
	Tile Drain *	1180 C
Date	(ft. AMSL)	(ft. AMSL)
03/05/24	560.00	DRY
06/03/24	560.00	DRY
09/03/24	560.00	DRY
12/03/24	560.00	DRY

Soft Clay Medium

	Well **			
	1184 B	1181 B	Tile Drain *	1180 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/05/24	564.45	566.72	560.00	561.02
06/03/24	564.77	566.14	560.00	560.91
09/03/24	564.40	566.15	560.00	561.10
12/03/24	564.05	565.66	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)
03/05/24	564.13	563.89	568.25	560.00	563.48
06/03/24	564.45	564.10	566.97	560.00	563.29
09/03/24	564.27	564.51	566.60	560.00	563.34
12/03/24	563.79	563.68	566.14	560.00	563.09

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 - 2024
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)
03/05/24	573.87	571.37	569.43	554.80
06/03/24	572.59	571.85	569.97	554.80
09/03/24	570.82	571.32	570.12	554.80
12/03/24	569.90	570.45	569.75	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)
03/05/24	570.05	572.92	568.48	570.61	568.43	565.68
06/03/24	569.61	572.59	568.94	571.31	568.83	565.88
09/03/24	568.88	570.43	569.33	571.09	568.84	565.95
12/03/24	568.06	569.37	568.94	570.40	569.44	565.52

	Well**		
	1191 C	Tile Drain	1190 B
Date	(ft. AMSL)	(ft. AMSL)	(ft. AMSL)
03/05/24	564.62	554.80	563.76
06/03/24	564.30	554.80	563.11
09/03/24	564.30	554.80	562.40
12/03/24	564.11	554.80	562.52

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)
03/05/24	564.28	565.64	564.39	572.59	554.80	565.10
06/03/24	564.44	565.73	564.53	569.59	554.80	564.82
09/03/24	564.26	565.79	564.38	569.94	554.80	564.41
12/03/24	563.95	565.50	563.99	567.32	554.80	564.02

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

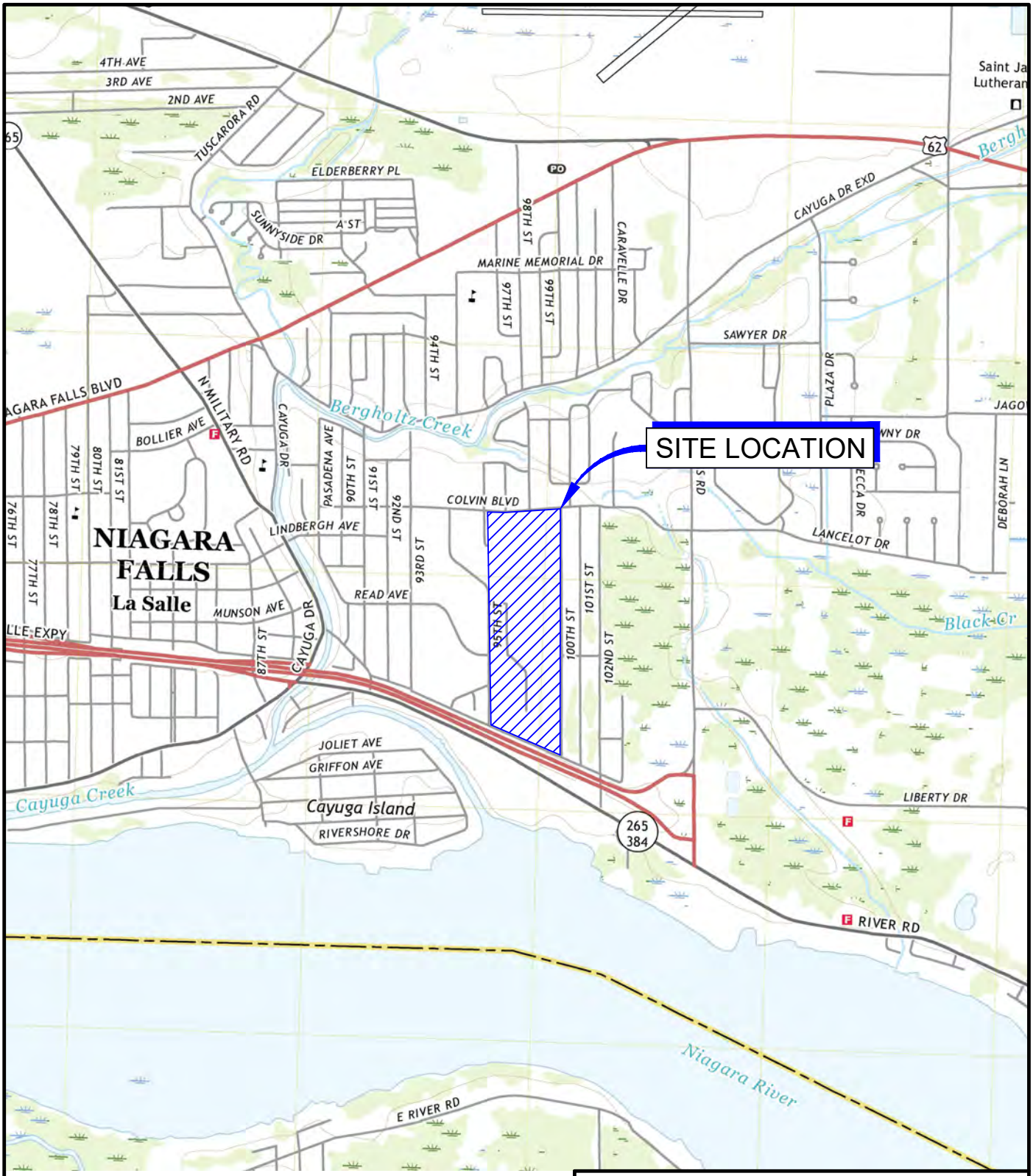
Date	Well Location				
	Well 1165A (ft. AMSL)	Well 10135 (ft. AMSL)	Well 1163A (ft. AMSL)	Well 1161E (ft. AMSL)	Barrier Drain * (ft. AMSL)
March 5, 2024	572.38	571.17	568.71	565.27	554.80
June 3, 2024	572.67	571.17	568.67	56.28	554.80
September 3, 2024	572.58	570.77	568.84	565.49	554.80
December 3, 2024	572.05	569.28	568.66	565.57	554.80

Notes:

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

ft. AMSL - feet Above Mean Sea Level

Figures



\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-001-SITE LOCATION - MJerome 4/18/24

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

0 2,000'
SCALE IN FEET

SITE LOCATION

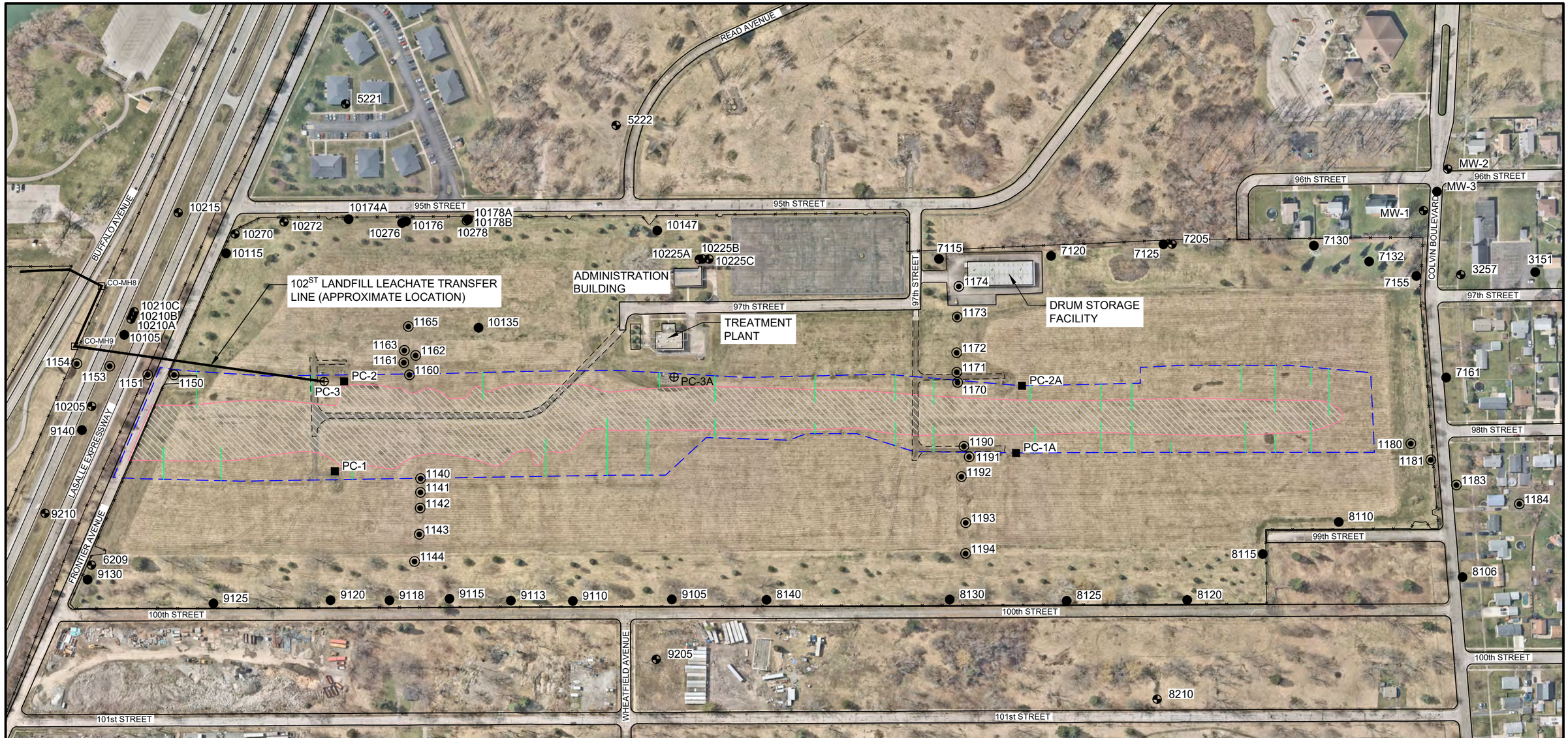
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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FIGURE 1.1

PROJECT NO: TR1045

JANUARY 2025



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).

N

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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PROJECT NO: TR1045 | JANUARY 2025

FIGURE 2.1

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.
IMAGERY SOURCE: NEARMAP, DATE OF PHOTOGRAPHY 2024-03-30.

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEET\STR1045-002-SITE PLAN - MJerome 1/2/25

\\WATERLOO-01\DATA\PRJPROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-003-MANHOLE LOCATIONS - MJerome 1/2/25

READ AVENUE
95th STREET
96th STREET
97th STREET
98th STREET
99th STREET
100th STREET
101st STREET
BUFFALO AVENUE
LASALLE EXPRESSWAY
FRONTIER AVENUE
COLVIN BOULEVARD
WHEATFIELD AVENUE
CO-MH8
CO-MH9
102ST LANDFILL LEACHATE TRANSFER LINE (APPROXIMATE LOCATION)
ADMINISTRATION BUILDING
TREATMENT PLANT
DRUM STORAGE FACILITY
MH-12A
MH-12
MH-10
MH-8
MH-6
MH-4
MH-2
MH-2A
MH-4A
MH-6B
MH-6C
MH-6A
MH-8A
MH-10A
PC-3
PC-2
PC-3A
PC-2A
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

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

N

0 250'

SCALE IN FEET

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

MANHOLE LOCATIONS

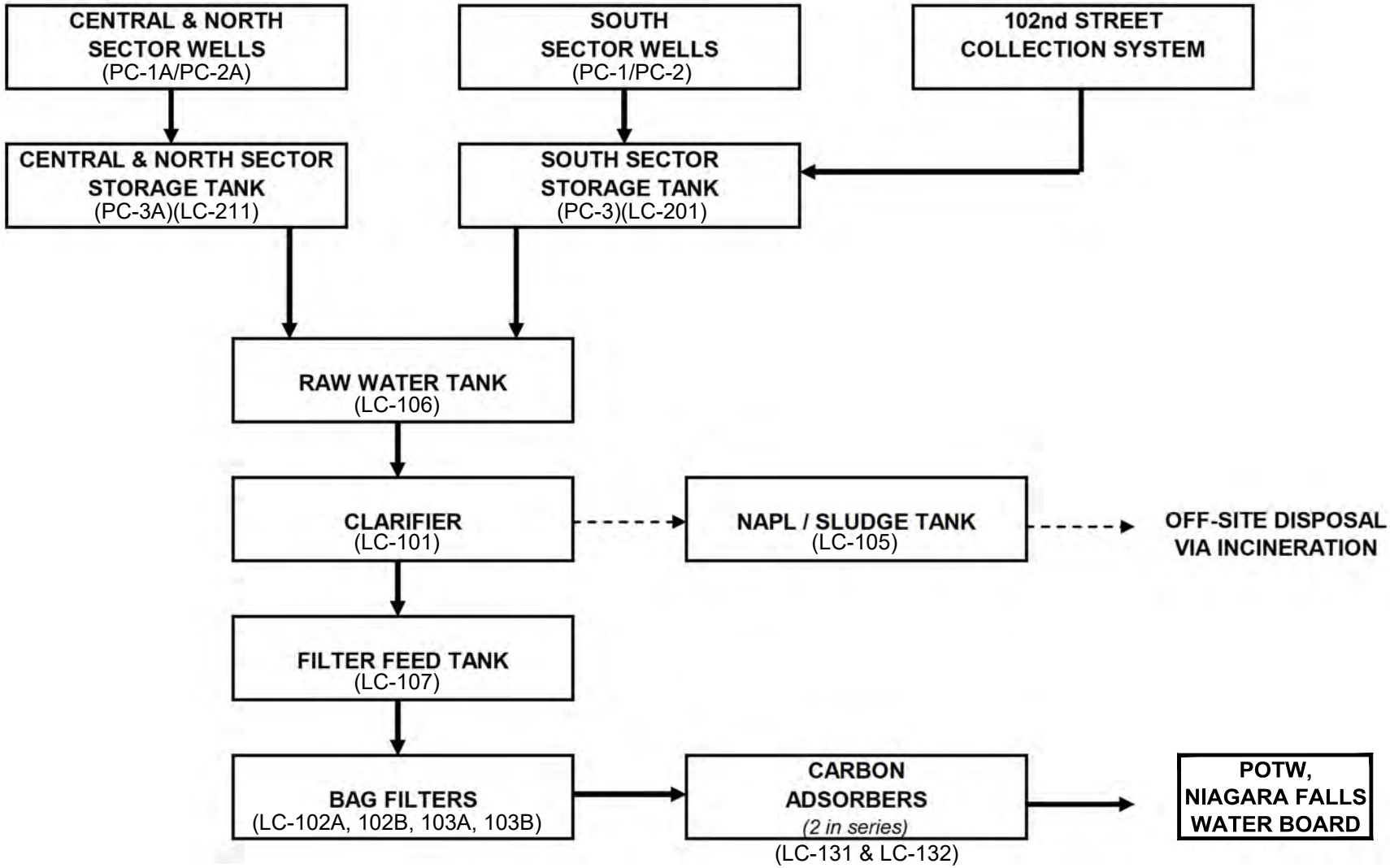
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

B&B Engineers & Geologists of new york, p.c.
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FIGURE 2.2

PROJECT NO: TR1045 | JANUARY 2025

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-004-PROCESS SCHEMATIC - MJerome 4/18/24



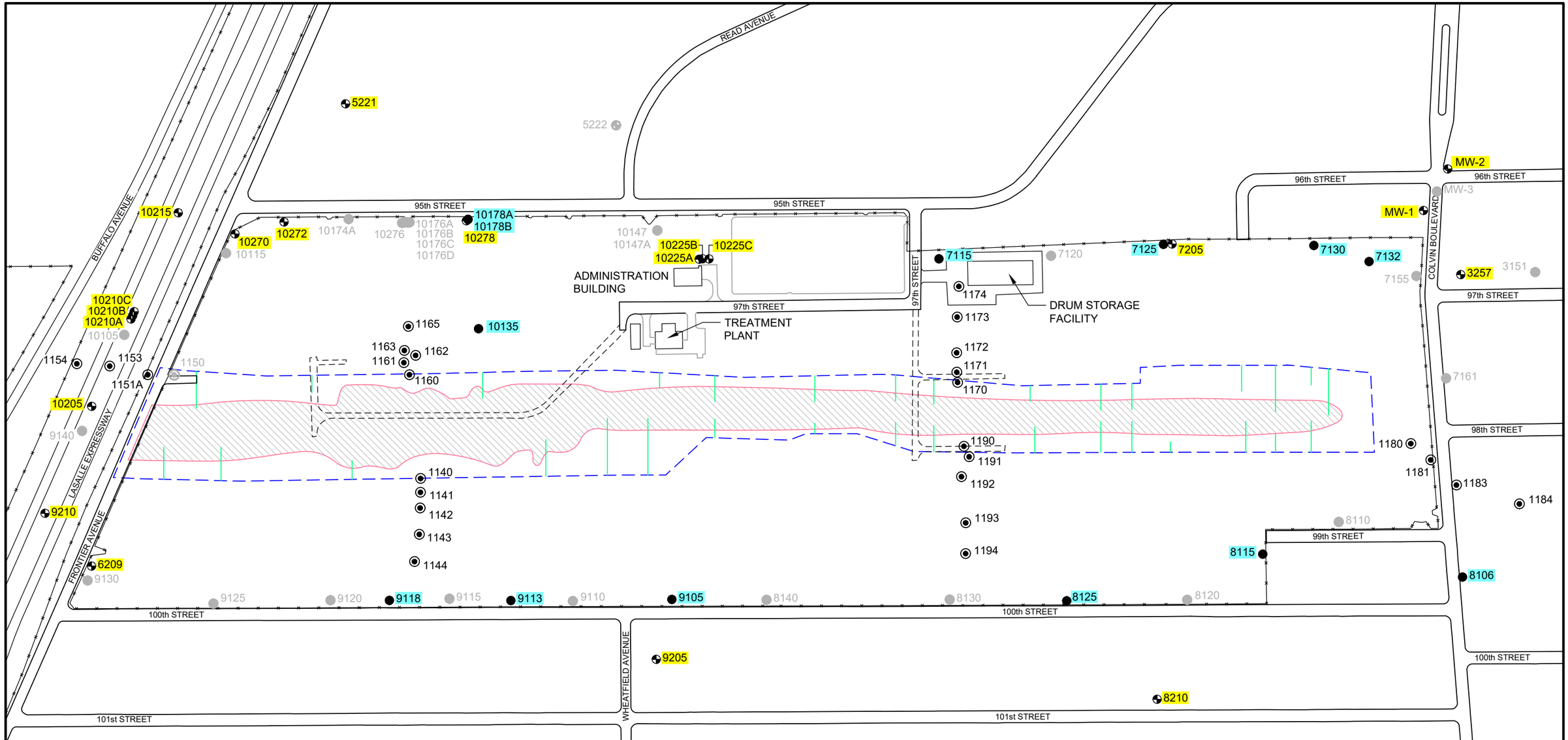
PROCESS SCHEMATIC

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 2025



LEGEND

FENCE LINE	7120	OVERBURDEN GROUNDWATER MONITORING WELL SAMPLED IN 2024
BARRIER DRAIN	3257	BEDROCK GROUNDWATER MONITORING WELL SAMPLED IN 2024
LATERAL TRENCH	7105	PIEZOMETER HYDRAULICALLY MONITORED IN 2024
APPROXIMATE LIMITS OF DISPOSED WASTE	9122	OVERBURDEN GROUNDWATER MONITORING WELL NOT SAMPLED IN 2024
	5222	BEDROCK GROUNDWATER MONITORING WELL NOT SAMPLED IN 2024

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

0 250'
SCALE IN FEET

2024 GROUNDWATER MONITORING LOCATIONS

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

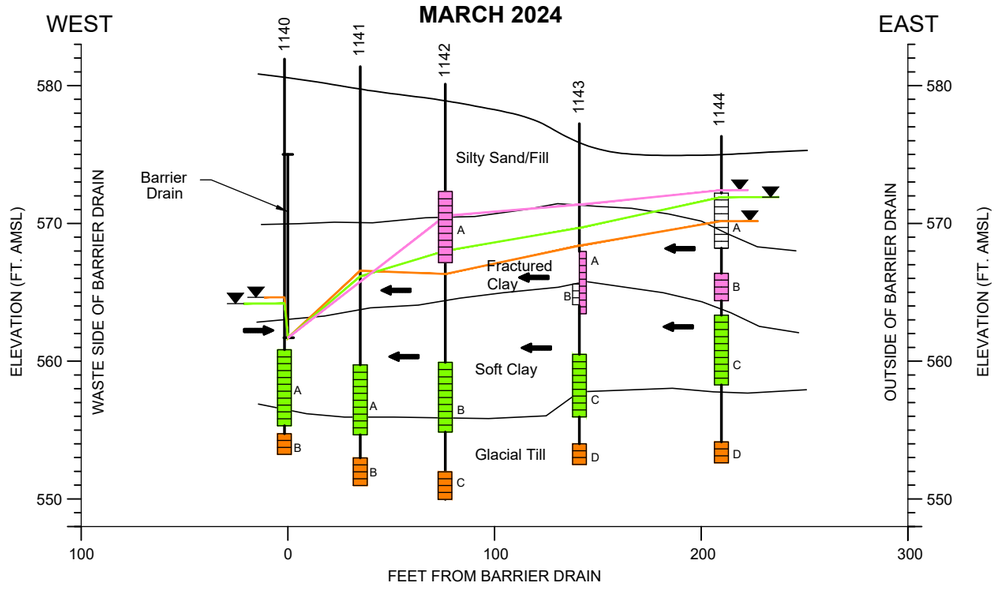
B&B Engineers & Geologists of new york, p.c.
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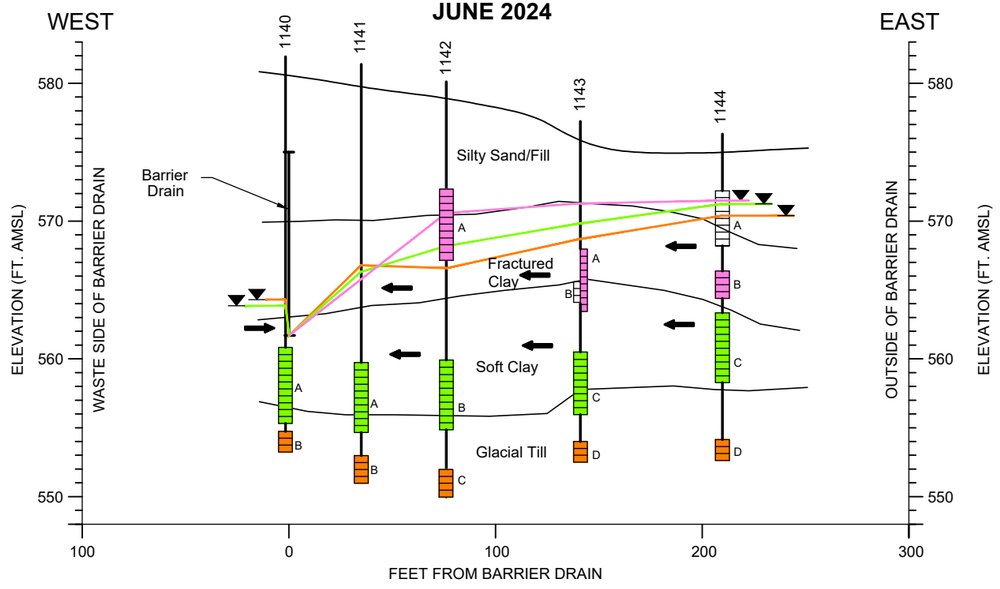
PROJECT NO: TR1045 | JANUARY 2025

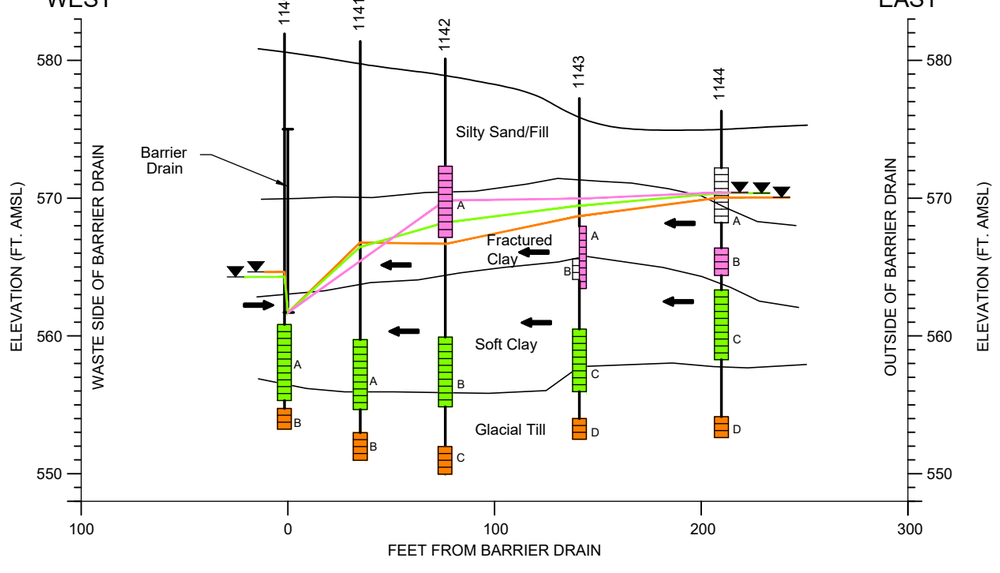
FIGURE 3.2

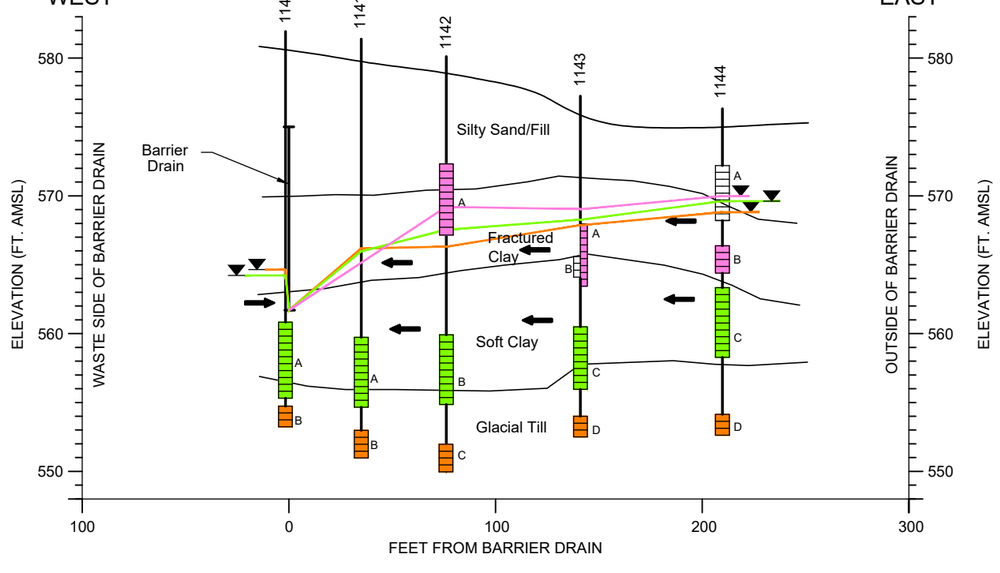
DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-005-GW MONITORING LOCATIONS - MJerome 1/30/25









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.

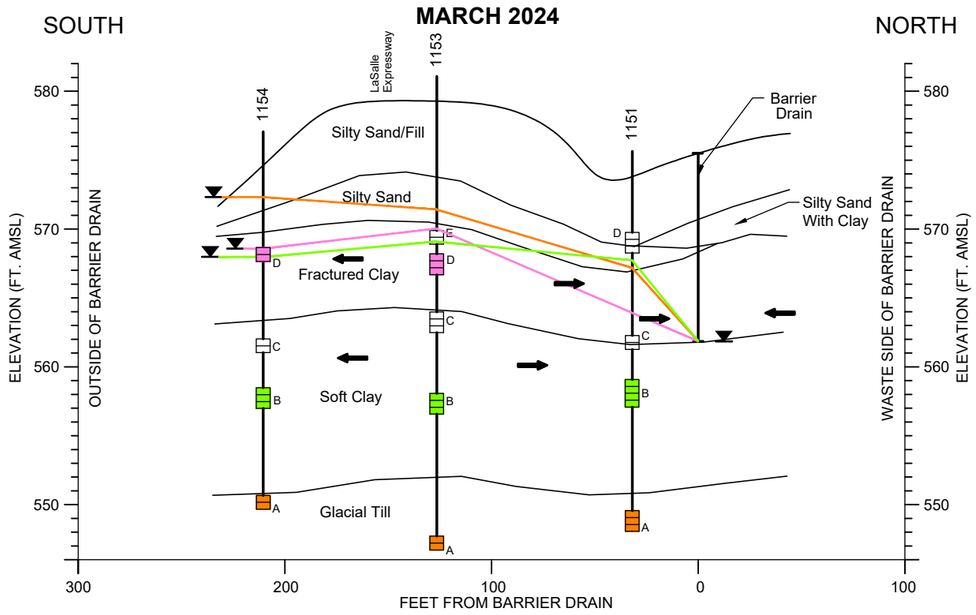
2024 FLOW DIAGRAMS
1140 SERIES PIEZOMETERS
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

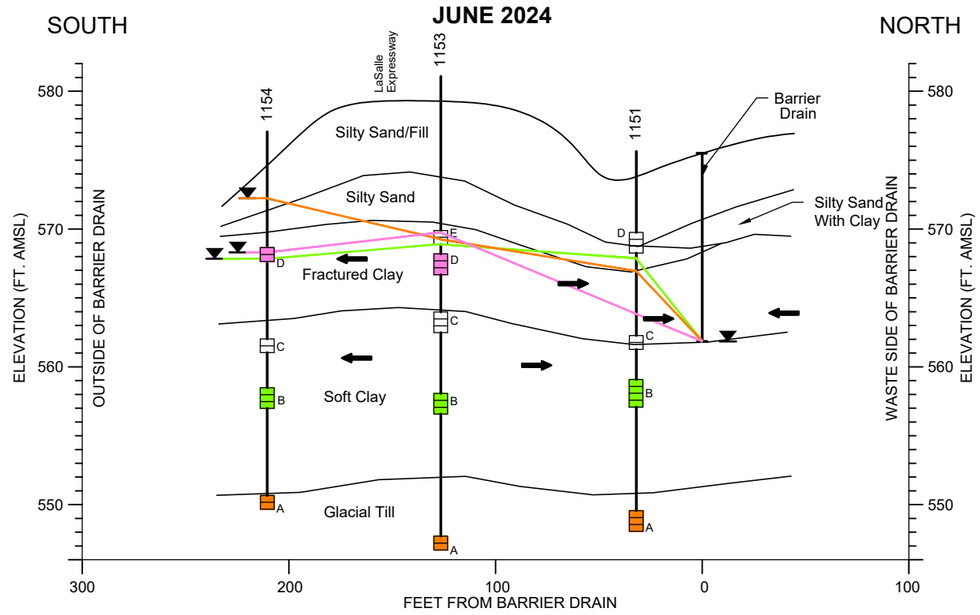
B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

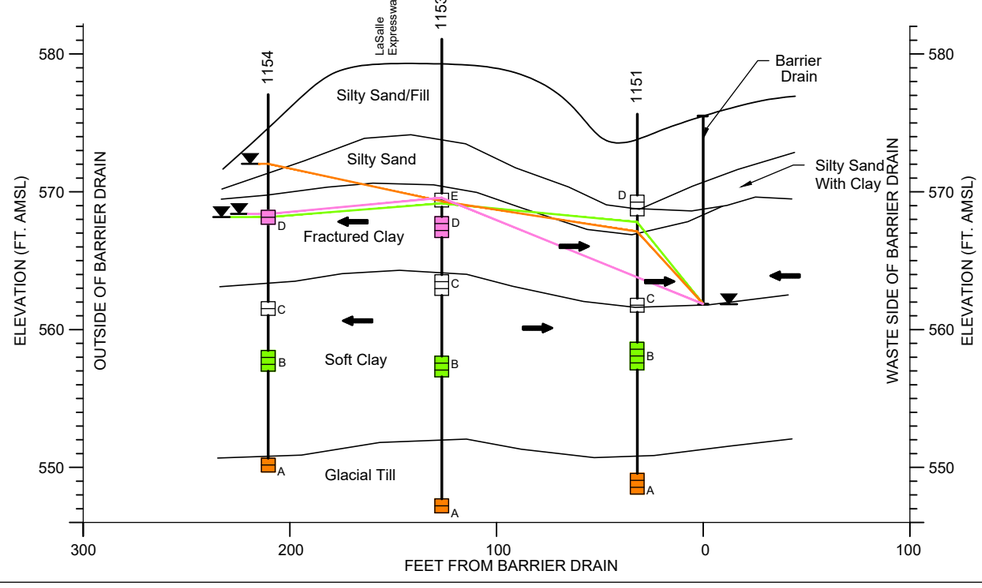
PROJECT NO: TR1045 | JANUARY 2025

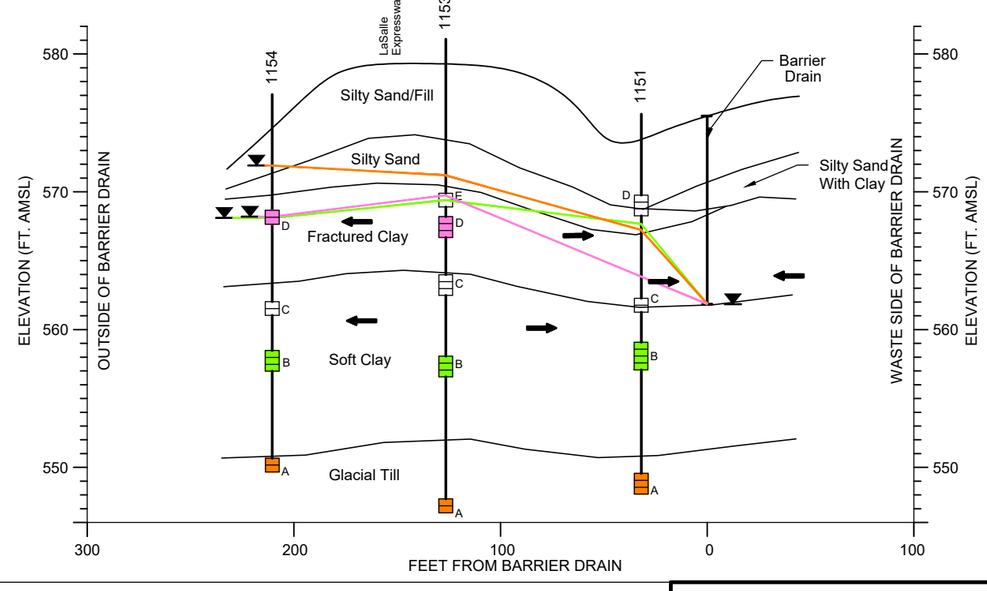
FIGURE 3.3

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-006-1140 SERIES PZ - MJerome 1/2/25









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.

2024 FLOW DIAGRAMS
1150 SERIES PIEZOMETERS

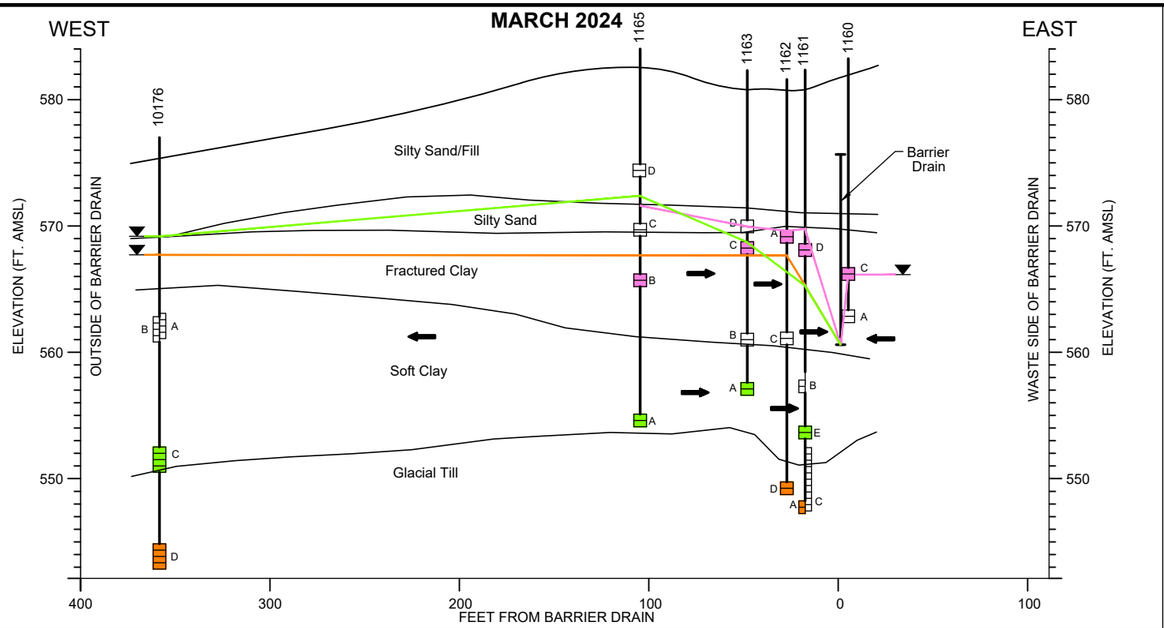
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

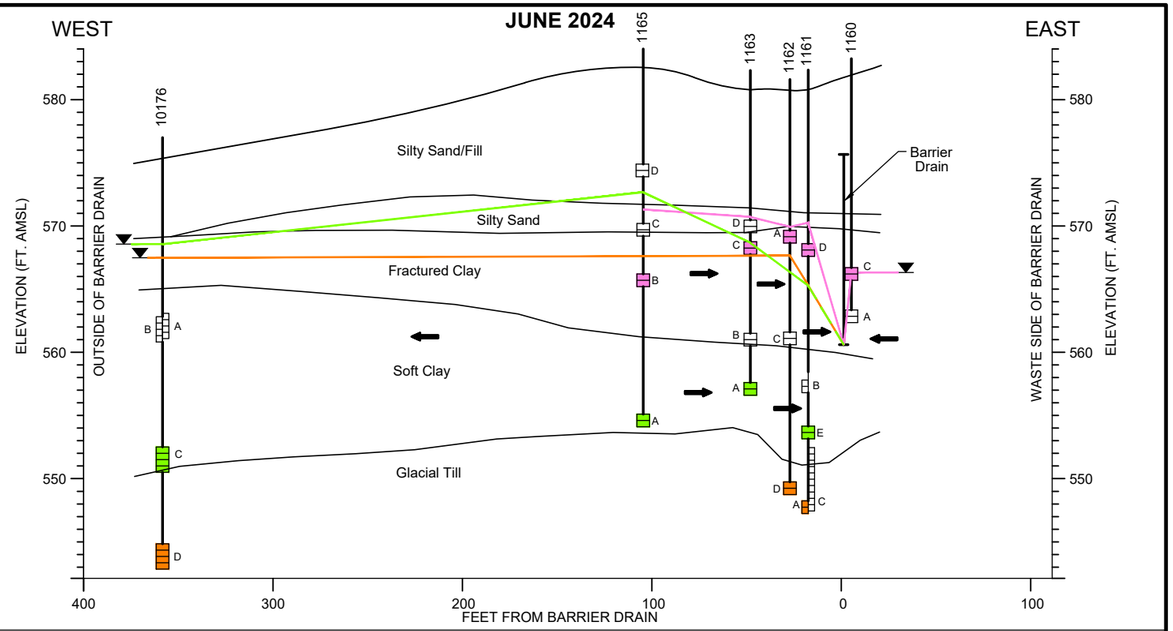
B&B Engineers & Geologists of new york, p.c.
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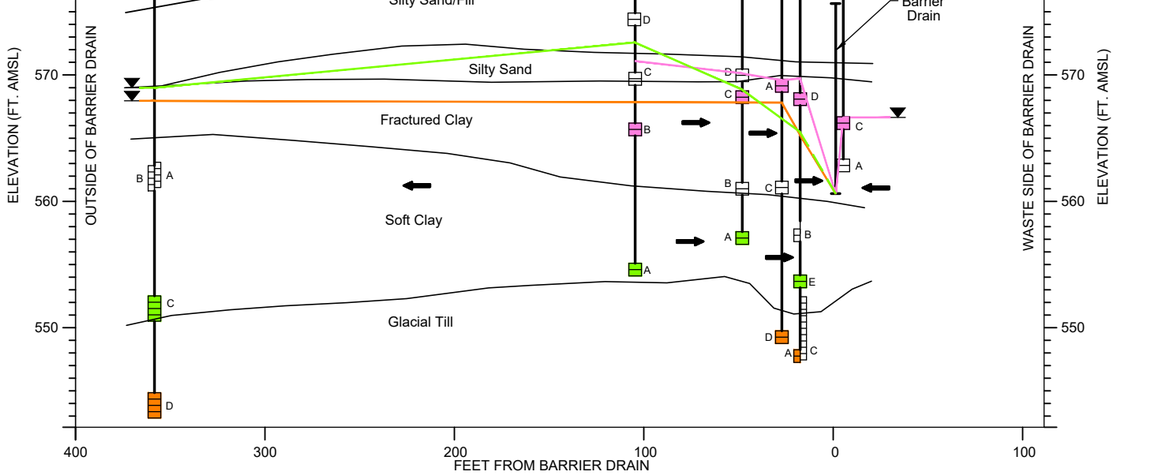
PROJECT NO: TR1045 | JANUARY 2025

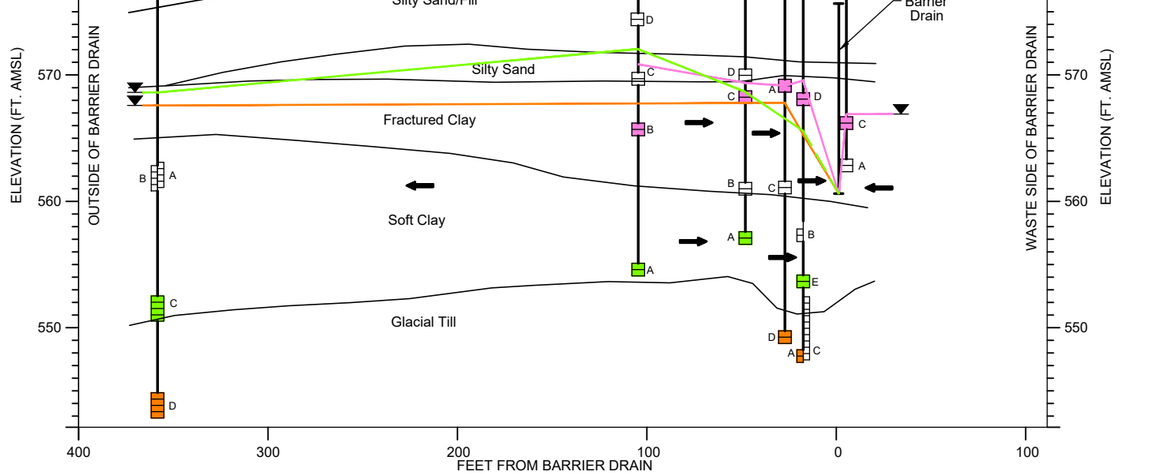
FIGURE 3.4

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-007-1150 SERIES PZ - MJerome 1/27/25









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.

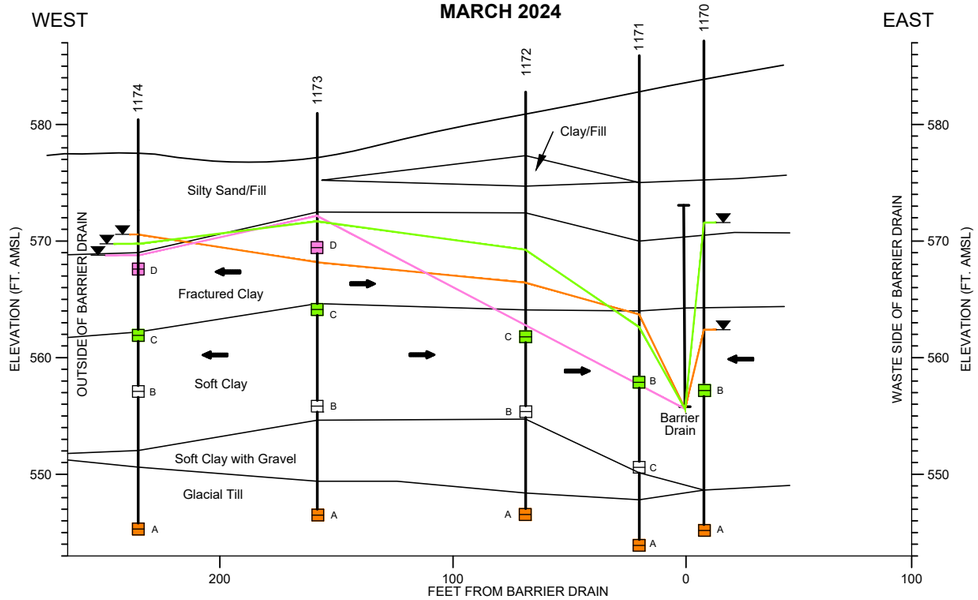
2024 FLOW DIAGRAMS
1160 SERIES PIEZOMETERS
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

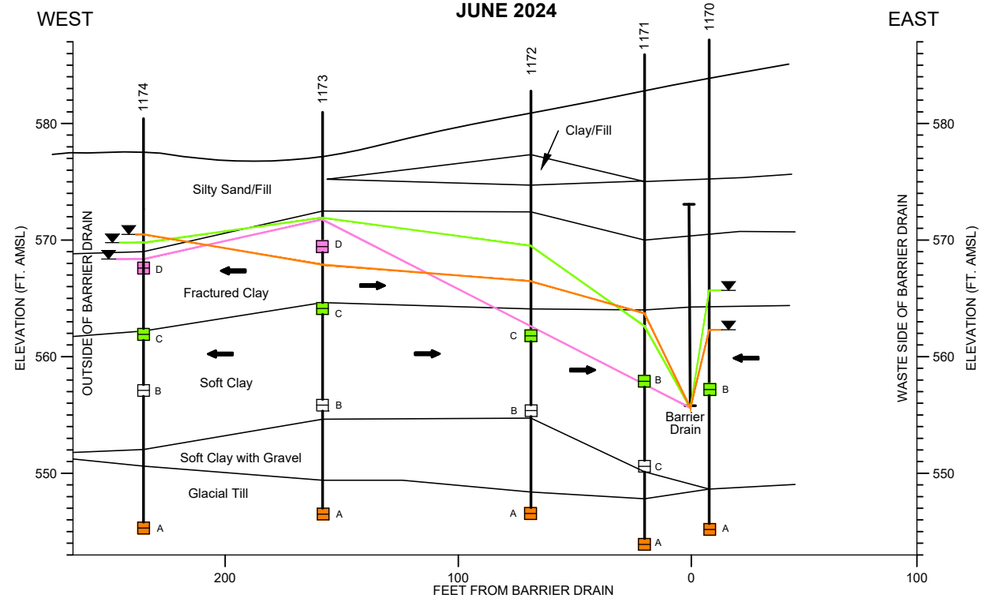
B&B Engineers & Geologists of new york, p.c.
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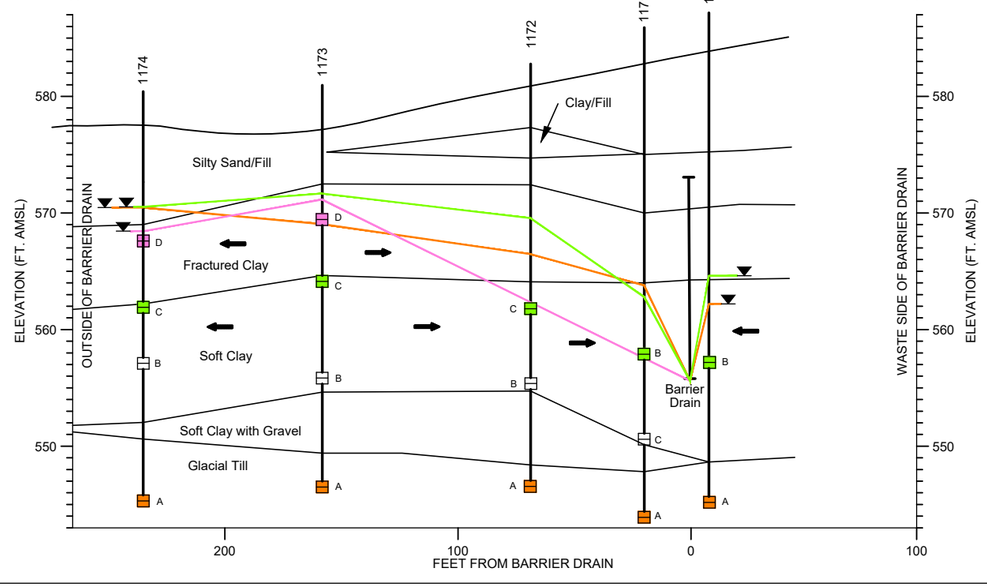
FIGURE 3.5

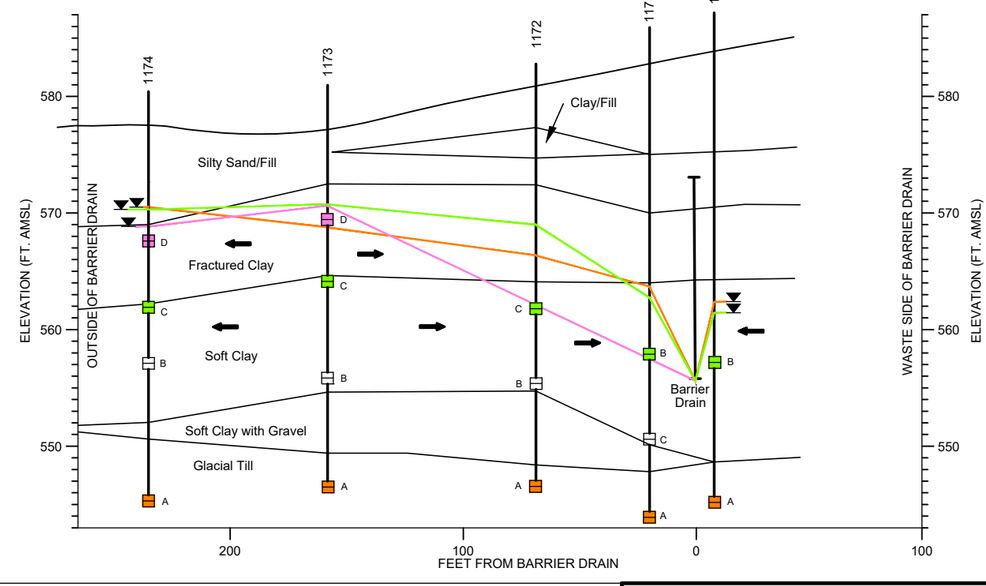
PROJECT NO: TR1045 | JANUARY 2025

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-008-1160 SERIES PZ - MJerome 1/2/25









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.

2024 FLOW DIAGRAMS
1170 SERIES PIEZOMETERS

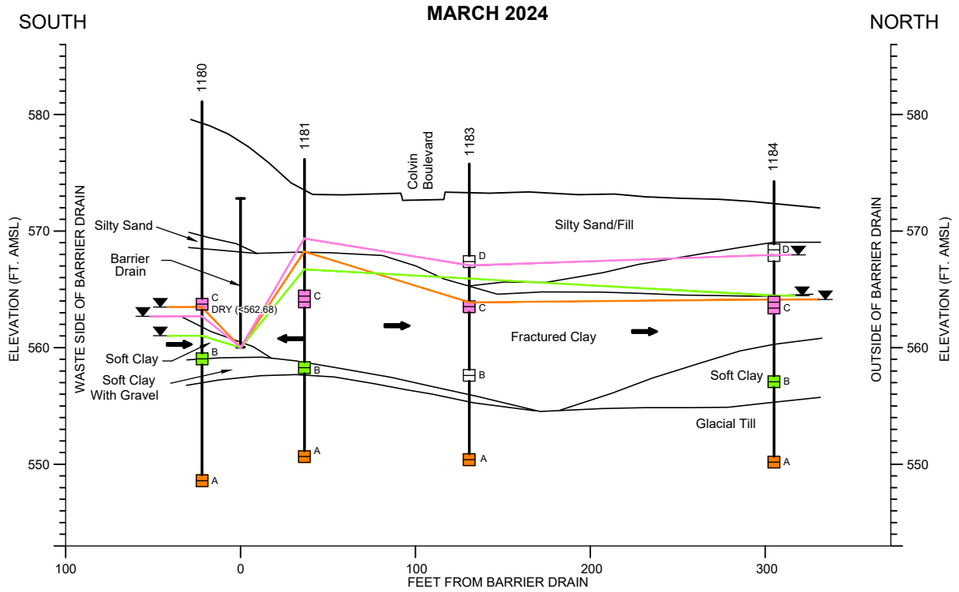
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

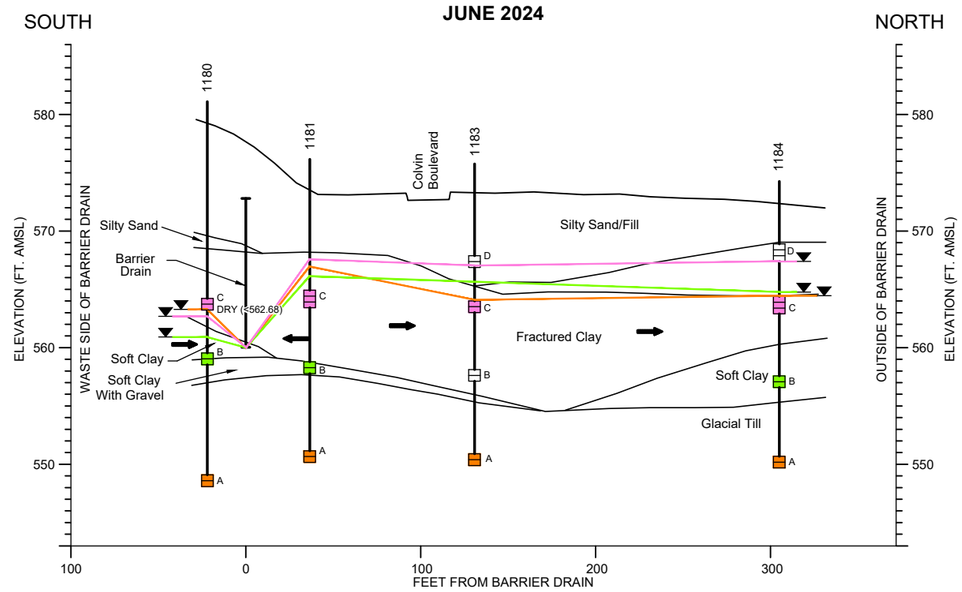
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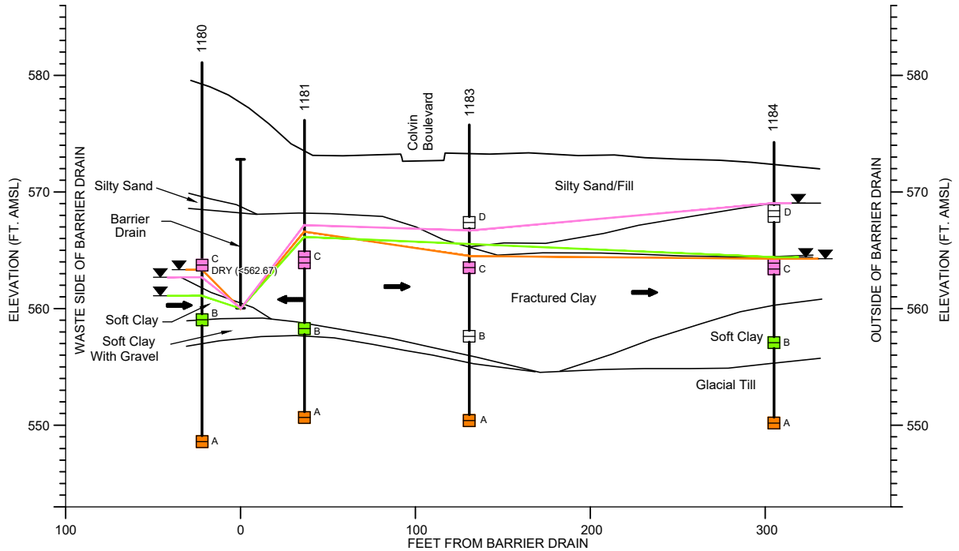
PROJECT NO: TR1045 | JANUARY 2025

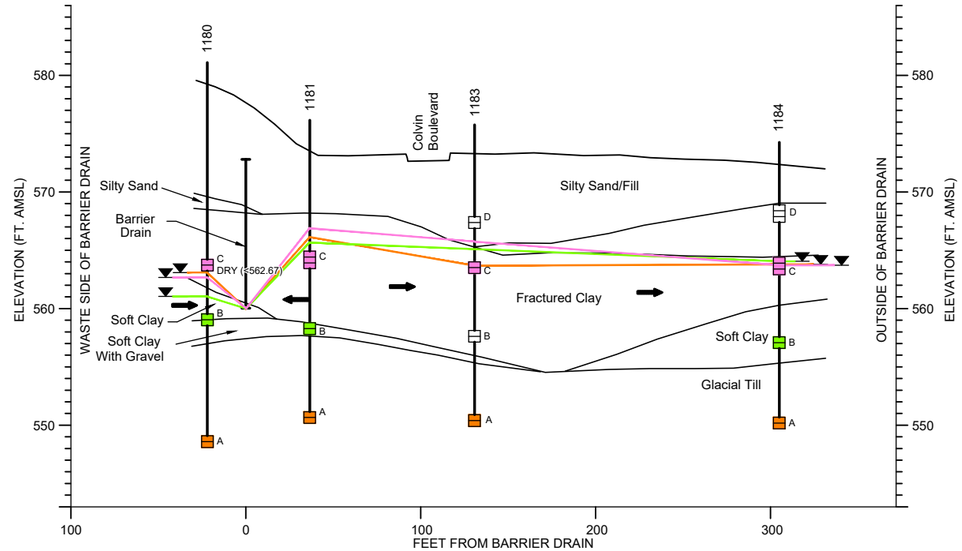
FIGURE 3.6

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-009-1170 SERIES PZ - MJerome 1/27/25









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.

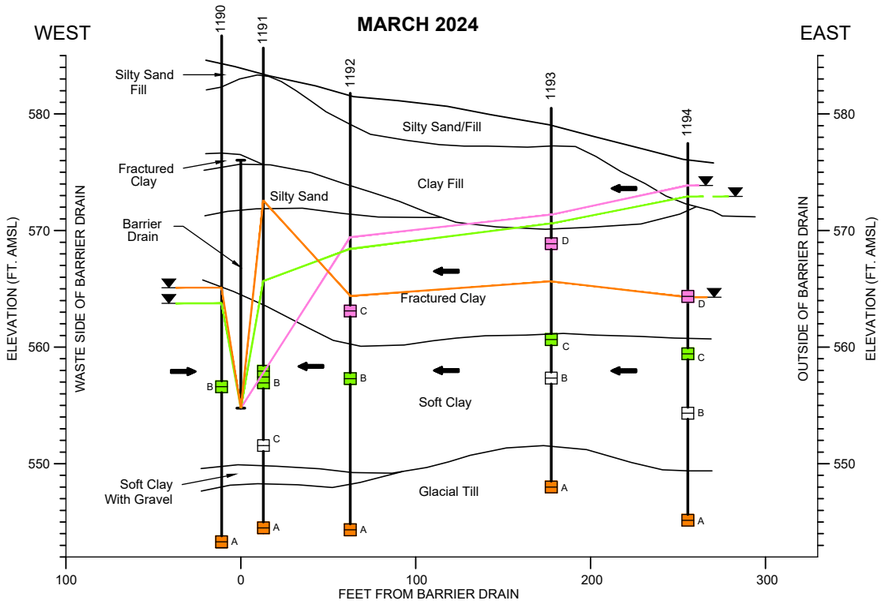
2024 FLOW DIAGRAMS
1180 SERIES PIEZOMETERS
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

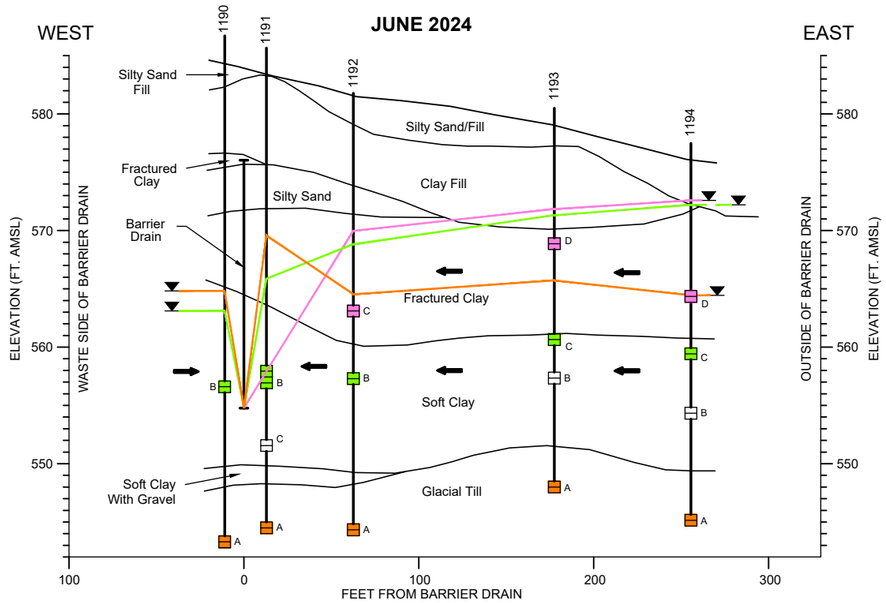
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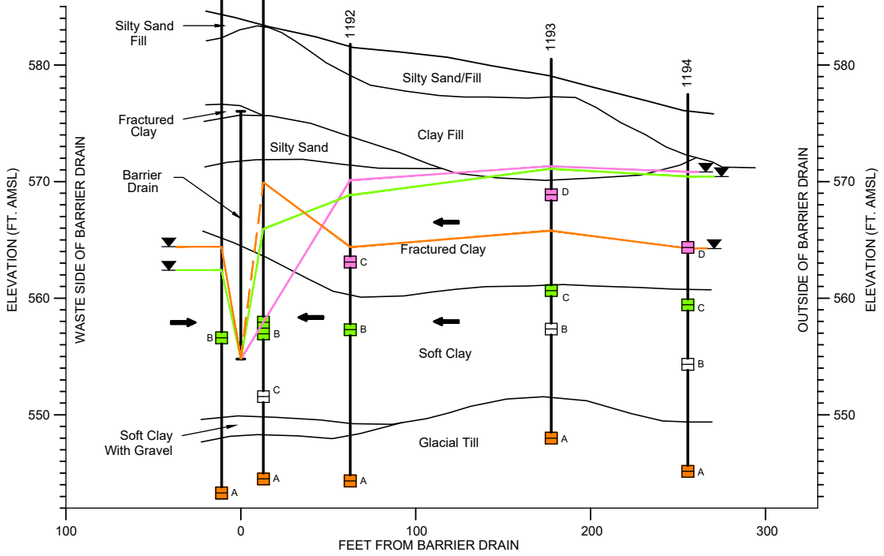
FIGURE 3.7

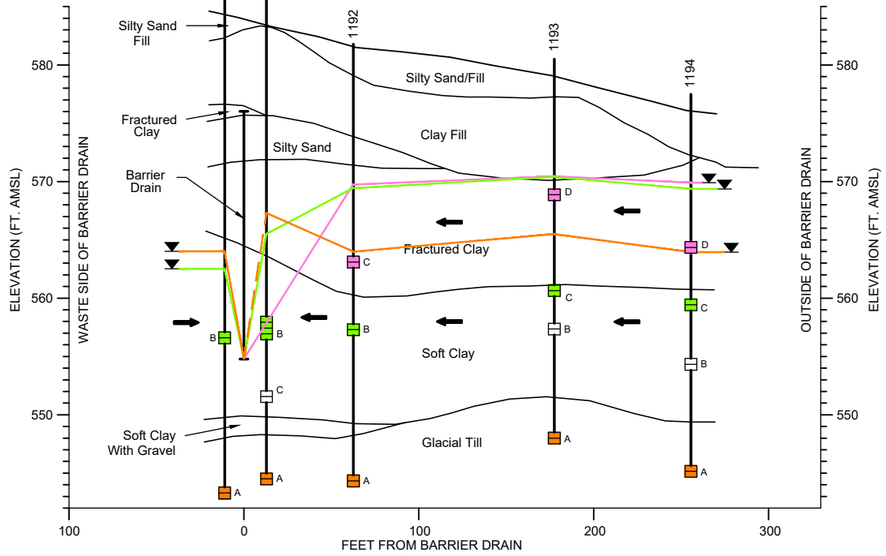
PROJECT NO: TR1045 | JANUARY 2025

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-010-1180 SERIES PZ - MJerome 1/2/25









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.

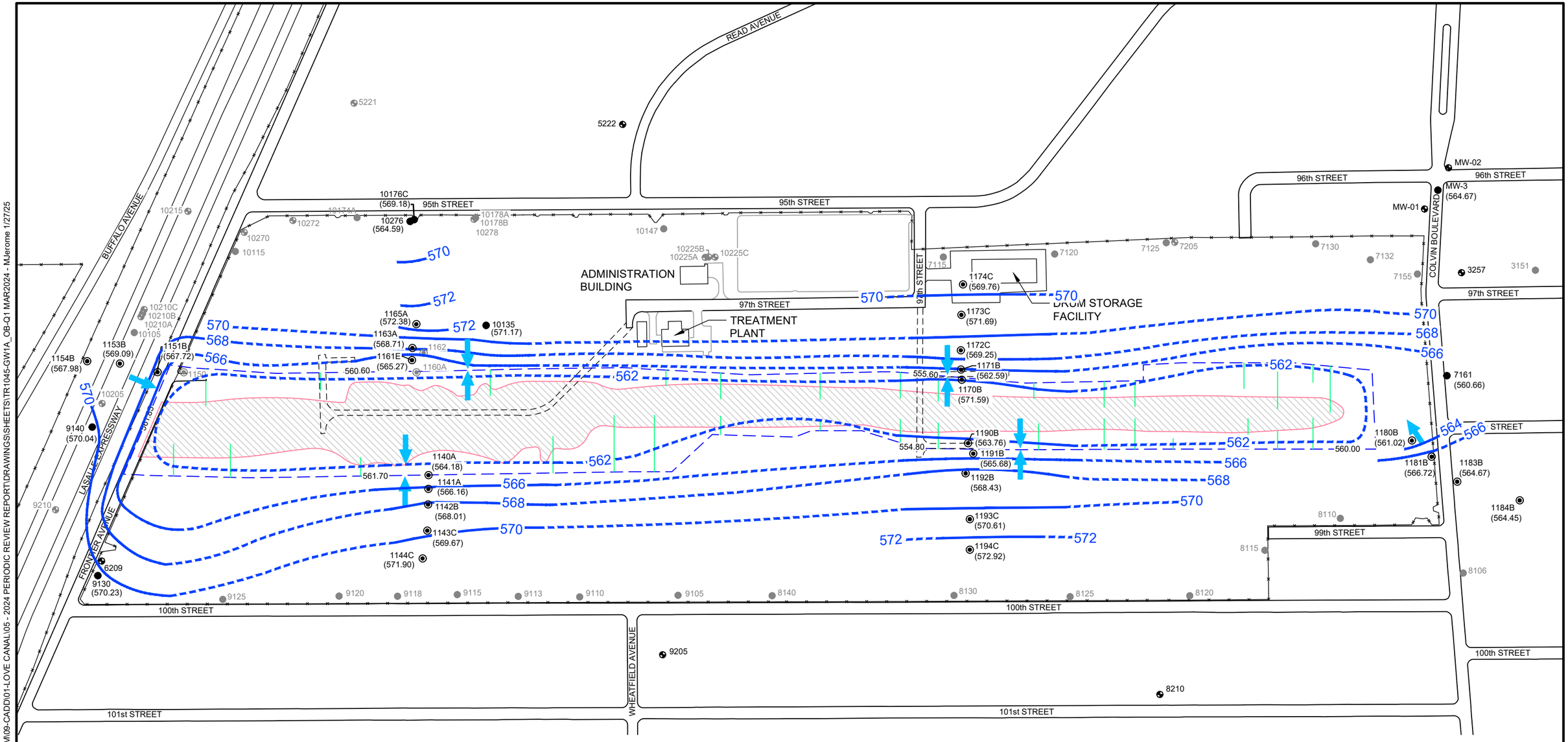
2024 FLOW DIAGRAMS
1190 SERIES PIEZOMETERS
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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FIGURE 3.8

PROJECT NO: TR1045 | JANUARY 2025

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-011-1190 SERIES PZ - MJerome 1/2/25



LEGEND

- FENCE LINE
- 554.80 — ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (570.23) GROUNDWATER ELEVATION
- 570 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024

0 250'
SCALE IN FEET

OVERBURDEN GROUNDWATER CONTOURS MARCH 5, 2024

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

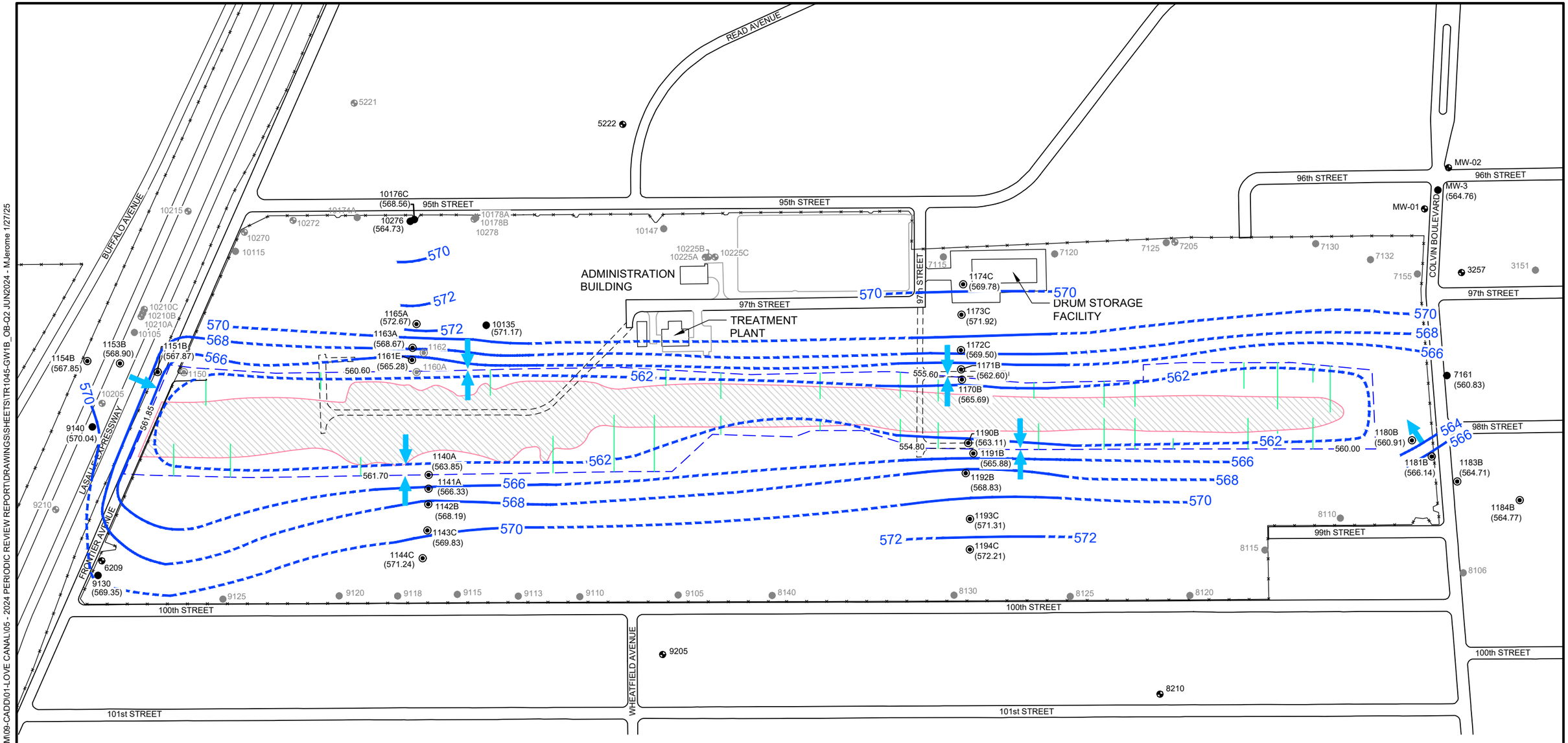
B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

PROJECT NO: TR1045 | JANUARY 2025

FIGURE 3.9a

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

\\WATERLOO-011\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-GW1A_OB-Q1 MAR2024 - MJerome 1/27/25



LEGEND

- FENCE LINE
- 554.80 — ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (569.35) GROUNDWATER ELEVATION
- 570 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024

0 250'
SCALE IN FEET

OVERBURDEN GROUNDWATER CONTOURS JUNE 3, 2024

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 3.9b

PROJECT NO: TR1045 | JANUARY 2025

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-GW1B_OB-Q2 JUN2024 - MJerome 1/27/25

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-GW1C_OB-Q3 SEP2024 - MJerome 1/27/25

READ AVENUE
BUFFALO AVENUE
CASALLE EXPRESSWAY
FRONTIER AVENUE
WHEATFIELD AVENUE
COLVIN BOULEVARD
95th STREET
96th STREET
97th STREET
98th STREET
99th STREET
100th STREET
101st STREET
ADMINISTRATION BUILDING
TREATMENT PLANT
DRUM STORAGE FACILITY

5221 5222 10176C (568.99) 10276 (567.61) 10215 10272 10270 10115 10147 10178A 10178B 10278 10225B 10225A 10225C 7115 7120 7125 7205 7130 7132 7155 3257 3151 MW-02 MW-3 (564.76) MW-01 1174C (570.53) 1173C (571.67) 10210C 10210B 10210A 10105 10205 9210 6209 9130 (568.33) 9140 (569.76) 1154B (568.17) 1153B (569.16) 1151B (567.80) 1150 1165A (572.58) 1163A (568.84) 1162 1161E (565.49) 1160A 10135 (570.77) 1172C (569.56) 1171B (562.78) 1170B (564.62) 1190B (562.40) 1191B (565.95) 1192B (568.84) 1193C (571.09) 1194C (570.43) 1140A (564.28) 1141A (566.46) 1142B (568.23) 1143C (569.45) 1144C (570.36) 1180B (561.10) 1181B (566.15) 1183B (564.57) 1184B (564.40) 7161 (560.53) 8110 8115 8106 9125 9120 9118 9115 9113 9110 9105 8140 8130 8125 8120 9205 8210

570 572 568 566 562 564 554.80 555.60 560.60 561.85 561.70 560.00

LEGEND

- FENCE LINE
- 554.80 — ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (568.33) GROUNDWATER ELEVATION
- 570 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
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- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024

0 250'
SCALE IN FEET

OVERBURDEN GROUNDWATER CONTOURS SEPTEMBER 3, 2024

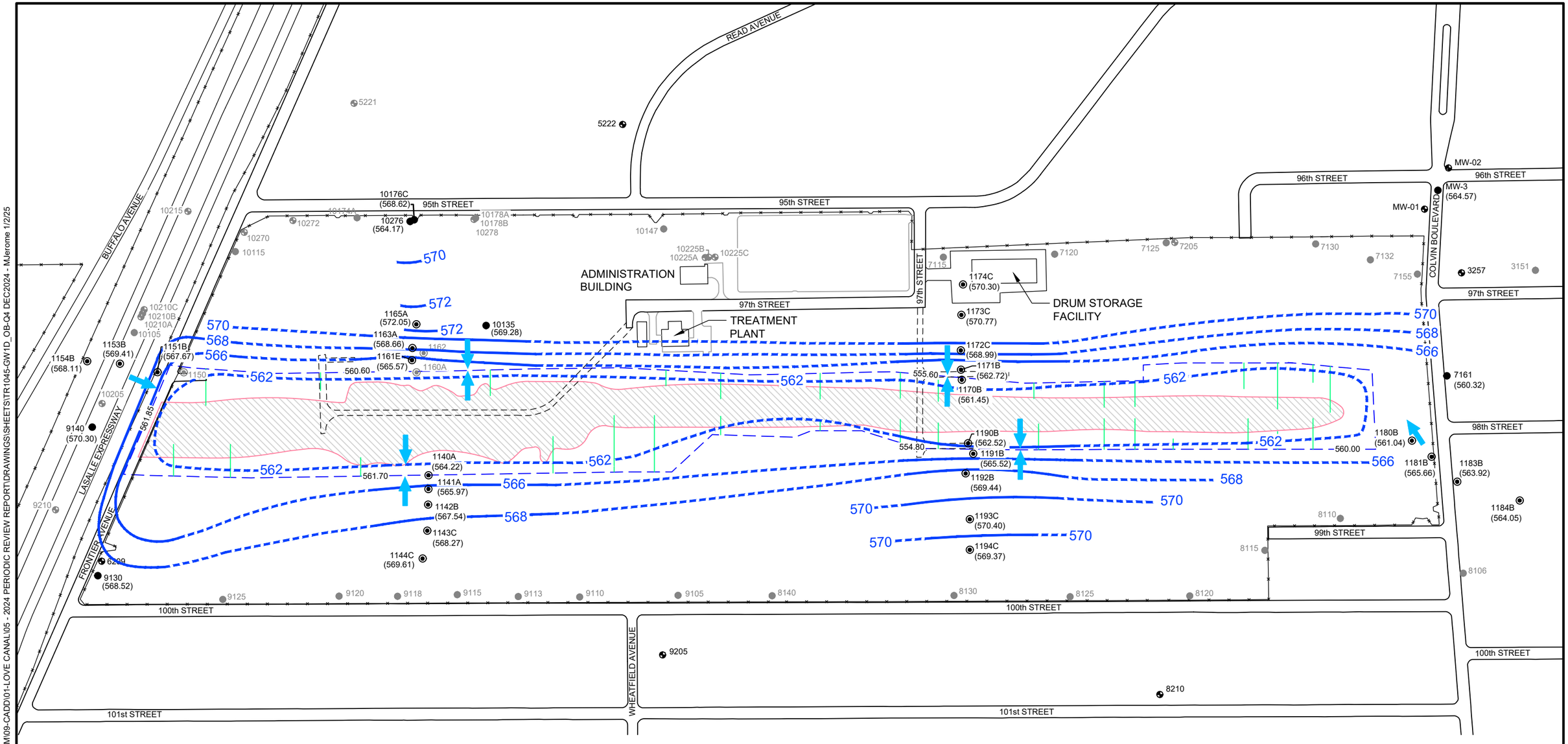
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

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

FIGURE 3.9c

PROJECT NO: TR1045 | JANUARY 2025

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.



LEGEND

- FENCE LINE
- 554.80 — ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (568.52) GROUNDWATER ELEVATION
- 570 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024

0 250'
SCALE IN FEET

OVERBURDEN GROUNDWATER CONTOURS DECEMBER 3, 2024

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

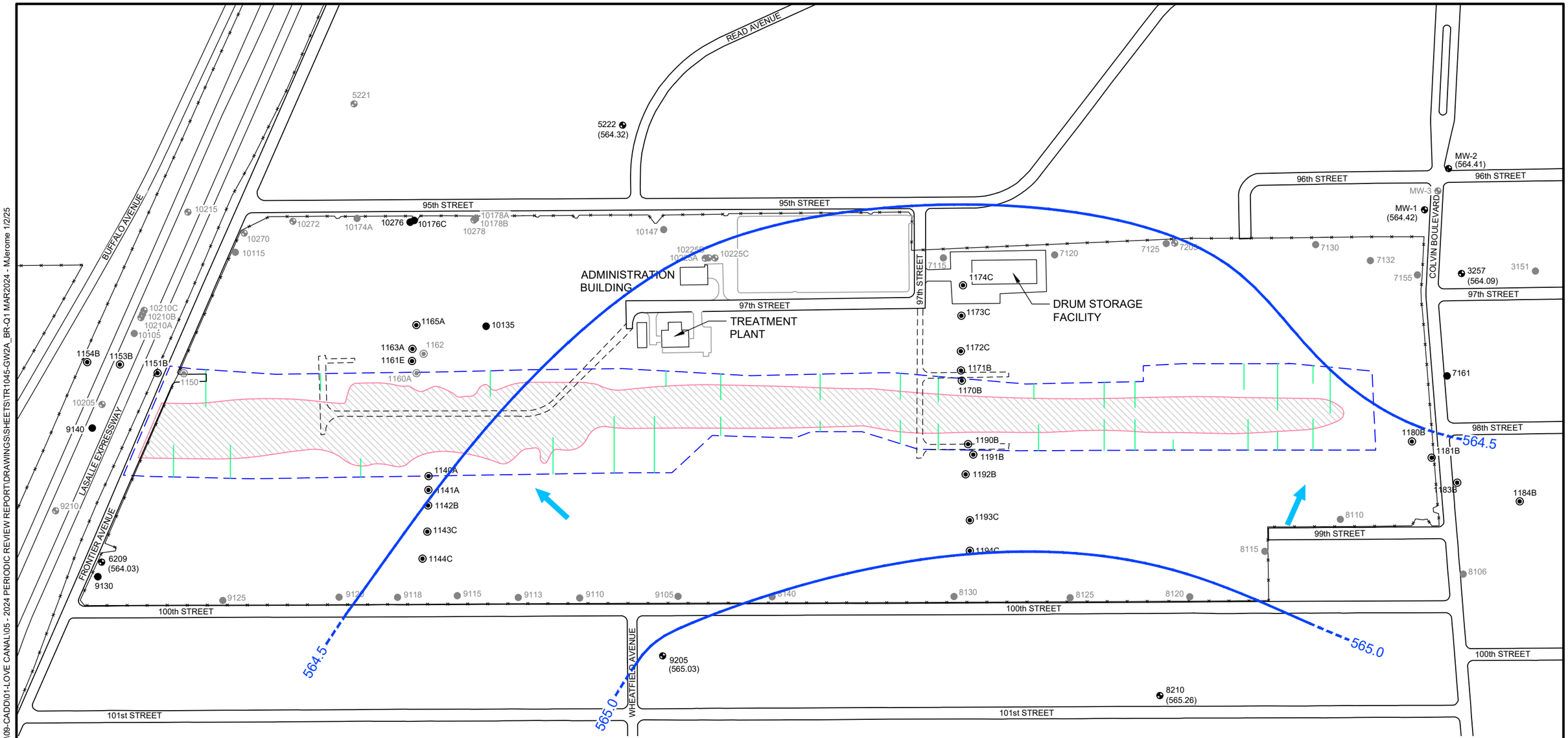
B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

FIGURE 3.9d

PROJECT NO: TR1045 | JANUARY 2025

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-GW1D_OB-Q4 DEC2024 - MJerome 1/2/25



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (564.03) GROUNDWATER ELEVATION
- 565.0 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024

0 250'
SCALE IN FEET

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

BEDROCK GROUNDWATER CONTOURS MARCH 5, 2024

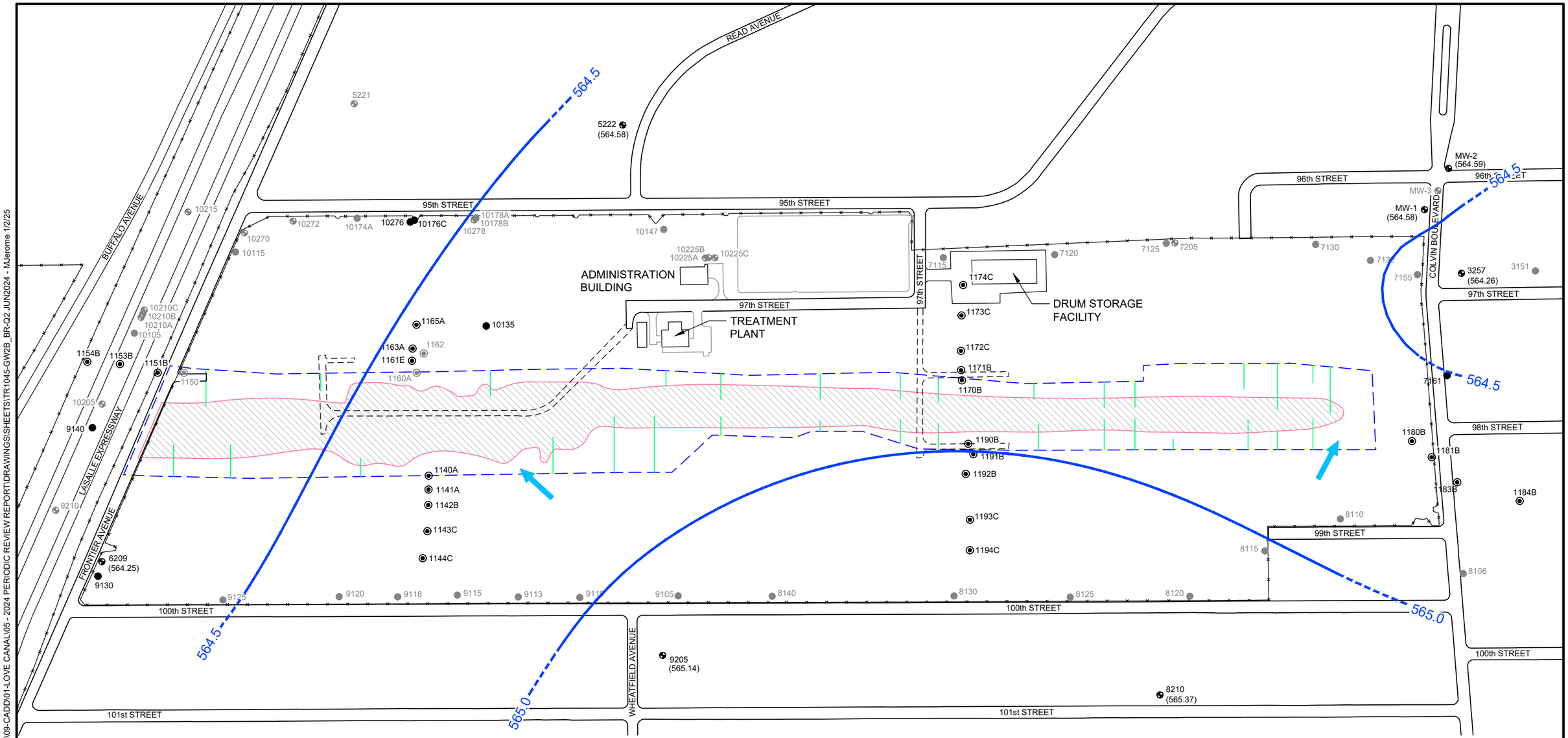
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL SITE
NYSDEC SITE NO. 932020
NIAGARA FALLS, NEW YORK

B&B Engineers & Geologists of new york, p.c.
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FIGURE 3.10a

PROJECT NO: TR1045 | JANUARY 2025

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-GW2A_BR-Q1 MAR2024 - MJerome 1/2/25



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 2024)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
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- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024

0 250'
SCALE IN FEET

BEDROCK GROUNDWATER CONTOURS JUNE 3, 2024

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

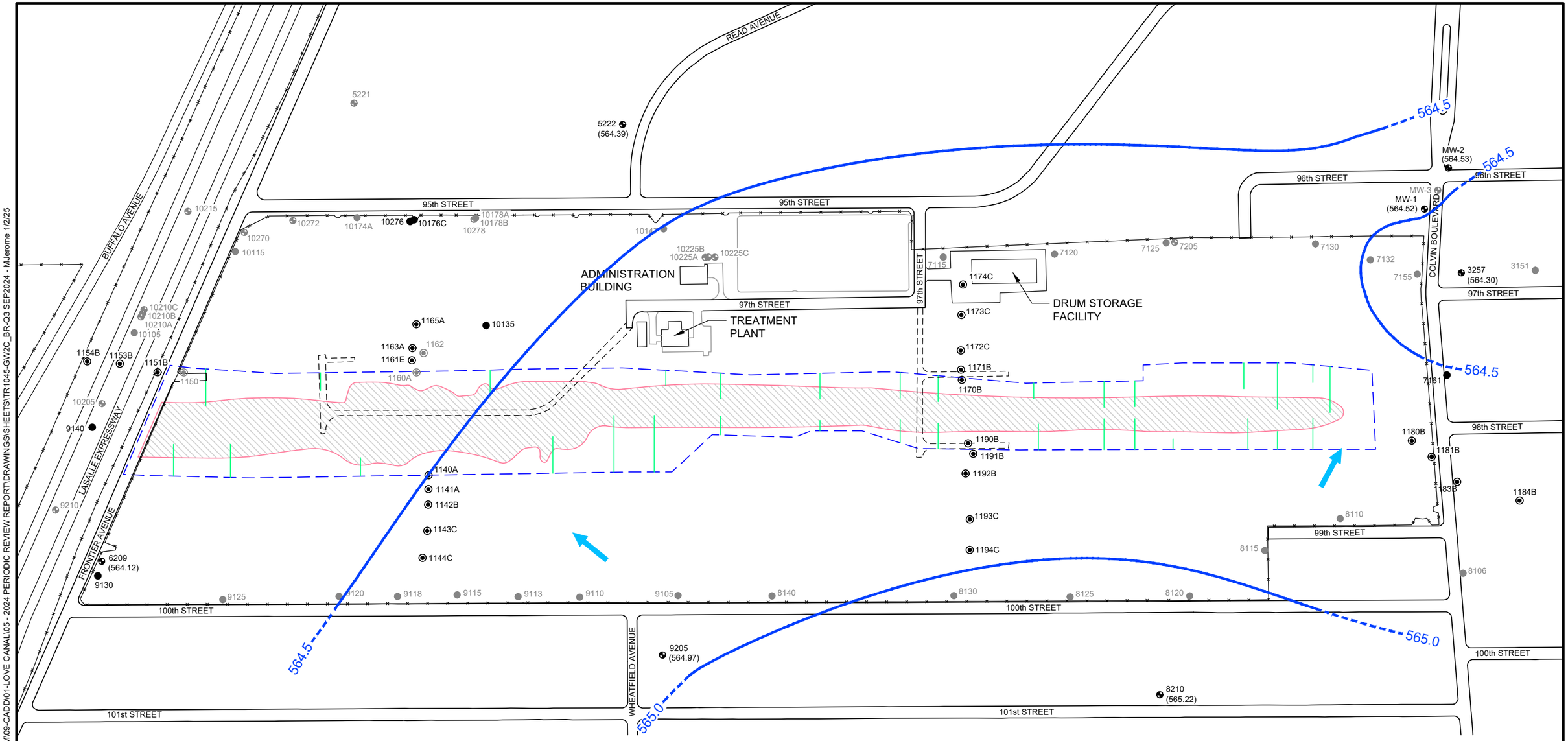
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PROJECT NO: TR1045 | JANUARY 2025

FIGURE 3.10b

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-GW2B_BR-Q2 JUN2024 - MJerome 1/2/25



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (564.12) GROUNDWATER ELEVATION
- 565.0 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
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- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
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- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024

0 250'
SCALE IN FEET

BEDROCK GROUNDWATER CONTOURS SEPTEMBER 3, 2024

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

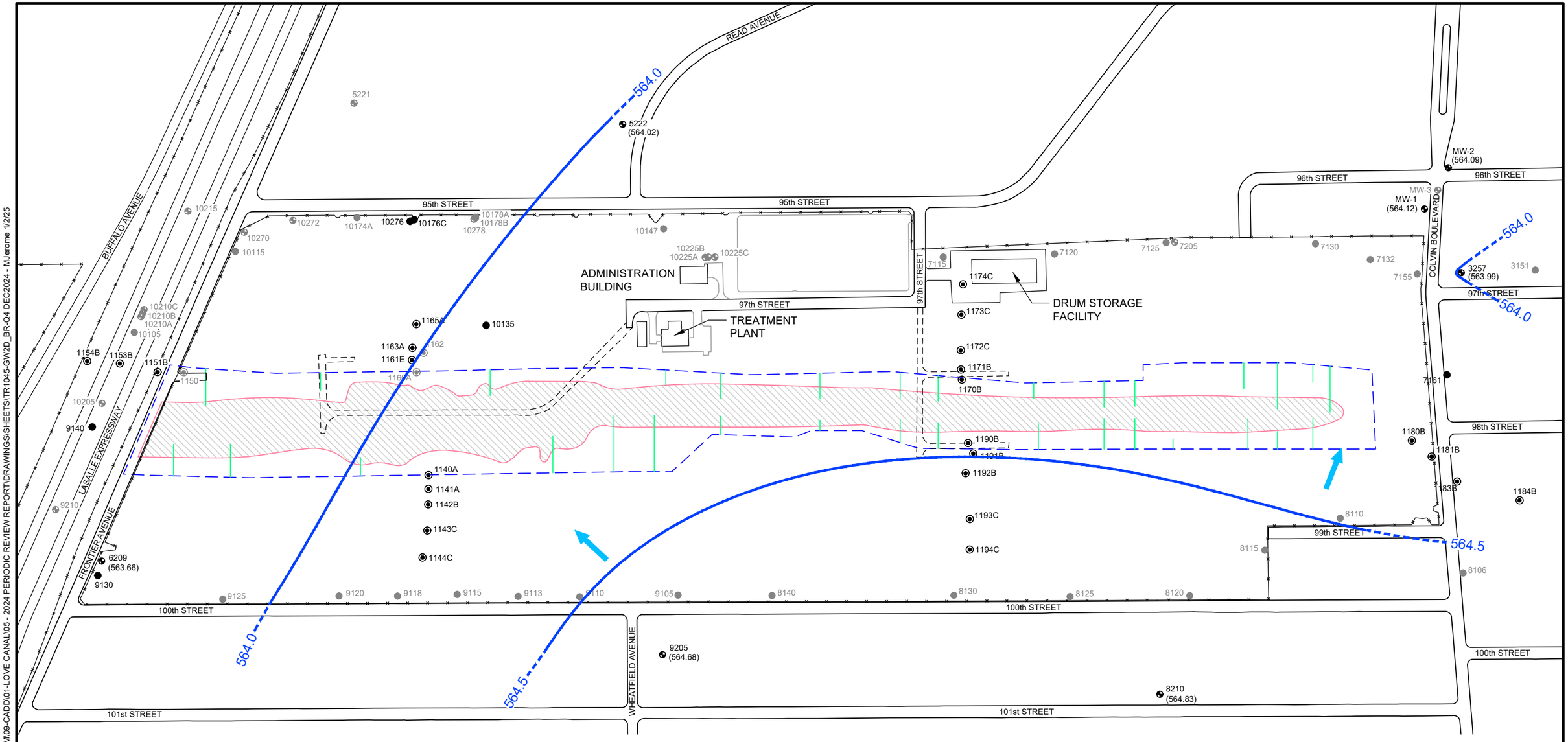
B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

PROJECT NO: TR1045 | JANUARY 2025

FIGURE 3.10c

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

\\WATERLOO-011\DATA\PRJPROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-GW2C_BR-Q3 SEP2024 - MJerome 1/2/25



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (563.66) GROUNDWATER ELEVATION
- 564.0 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 5221 BEDROCK GROUNDWATER MONITORING WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM FOR 2024)
- 7105 PIEZOMETER PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 9120 OVERBURDEN GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024
- 10270 BEDROCK GROUNDWATER MONITORING WELL PART OF HYDRAULIC MONITORING PROGRAM FOR 2024

0 250'
SCALE IN FEET

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

BEDROCK GROUNDWATER CONTOURS DECEMBER 3, 2024

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 2025

\\WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY O&M\09-CADD\01-LOVE CANAL\05 - 2024 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-GW2D_BR-Q4 DEC2024 - MJerome 1/2/25

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

11/12/2024

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, 2025**. 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, 2024 to December 31, 2024

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

	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
161.57-1-1
161.65-1-1
161.73-1-1
161.57-1-2
161.65-1-2
161.73-1-2
161.57-1-3
161.65-1-3
161.73-1-3
161.57-1-4
161.65-1-4
161.73-1-4
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161.73-1-6
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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 Branch (print name) at 7601 Old Channel Trail, Montague, MI 49437 (print business address)

am certifying as Owner (Owner or Remedial Party)

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

Signature of Owner or Remedial Party Rendering Certification — Date: 1-29-2025

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, P.E., P.Eng. at B&B Engineers & Geologists of New York, P.C. PO Box 651 Ransomville, New York 14131,
print name print business address

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



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

Stamp (Required for PE)

29 Janaury 2024
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 JUNE 13, 2024

Sector	MH 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	GASKET
	MH-8A	NW	Y	0.03	N	Y	N	
	MH-6C	NW	Y	1.08	N	Y	N	
	MH-6B	NW	Y	1.79	N	Y	N	
	MH-6A	NW	Y	1.58	N	Y	N	
	PC-2A	NW	N	NA	N	Y	N	
	MH-4A	NW	Y	0.74	N	Y	N	
	MH-2A	NW	Y	0.12	N	Y	N	
	MH-2	SW	N	NA	N	Y	N	
	MH-4	SW	Y	1.04	N	Y	N	
	MH-6	SW	Y	2.65	N	Y	N	
	MH-8/PC2	SW	Y	7.27	N	Y	N	NAPL PRESENT
	MH-10	SW	Y	2.42	N	Y	N	NAPL PRESENT
	MH-12	SW	Y	0.96	N	Y	N	
South Frontier	MH-14	SW	Y	0.30	N	Y	N	MARKED AS MH-12A ON FIGURE
North Colvin	NH-17A	NE	N	NA	N	Y	N	
	MH-15A	NE	N	NA	N	Y	N	
	MH-13A	NE	N	NA	N	Y	N	
	PC1A	NE	N	NA	N	Y	N	
	MH-11A	NE	N	NA	N	Y	N	
	MH-9A	NE	N	NA	N	Y	N	
	MH-7A	NE	N	NA	N	Y	N	
	MH-5A	NE	N	NA	Y	Y	N	MINOR DEBRIS
	MH-3A	NE	Y	0.12	Y	Y	N	MINOR DEBRIS, NAPL PRESENT
	MH-1A	NE	Y	0.30	N	Y	N	NAPL PRESENT
	MH-1	SE	N	NA	N	Y	N	
	MH-3	SE	Y	0.04	N	Y	N	NAPL PRESENT
	MH-5	SE	N	NA	N	Y	N	
	MH-7/PC1	SE	Y	7.38	N	Y	N	NAPL PRESENT
	MH-9	SE	Y	0.04	N	Y	N	
	MH-11	SE	Y	0.06	Y	Y	N	MINOR DEBRIS
South Frontier	MH-13	SE	N	NA	Y	Y	N	MARKED AS MH-19A ON FIGURE ASPHALT + MILLINGS

Signature: Shawn Haubrich

TREATMENT SYSTEM OFF FOR SAMPLING NEXT WEEK

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Love Canal Semi-Annual Barrier Drain Manhole Inspection

Date: OCTOBER 24, 2024 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	Y	Y	N	GASKET, REMOVED
	MH-8A	NW	Y	0.55	N	Y	N	
	MH-6C	NW	Y	2.09	N	Y	N	
	MH-6B	NW	Y	2.94	N	Y	N	
	MH-6A	NW	Y	2.62	N	Y	N	
	PC-2A	NW	Y	3.08	N	Y	N	
	MH-4A	NW	Y	0.01	N	Y	N	
	MH-2A	NW	Y	0.02	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	0.63	N	Y	N	
	MH-8/PC2	SW	Y	5.18	N	Y	N	NAPL PRESENT
	MH-10	SW	Y	0.34	N	Y	N	NAPL PRESENT
	MH-12	SW	Y	0.05	N	Y	N	
	MH-12A	SW	N	NA	N	Y	N	
North Colvin	NH-17A	NE	N	NA	N	Y	N	
	MH-15A	NE	Y	0.03	N	Y	N	NAPL PRESENT
	MH-13A	NE	Y	0.04	N	Y	N	NAPL PRESENT
	PC1A	NE	Y	1.67	N	Y	N	NAPL PRESENT
	MH-11A	NE	Y	0.01	N	Y	N	
	MH-9A	NE	Y	0.09	N	Y	N	NAPL PRESENT
	MH-7A	NE	Y	0.02	N	Y	N	
	MH-5A	NE	Y	0.01	Y	Y	N	ROPE
	MH-3A	NE	Y	0.05	N	Y	N	
	MH-1A	NE	Y	0.04	N	Y	N	
South Frontier	MH-1	SE	N	NA	N	Y	N	
	MH-3	SE	Y	0.07	N	Y	N	NAPL PRESENT
	MH-5	SE	Y	0.01	Y	Y	N	GASKET, REMOVED
	MH-7/PC1	SE	Y	2.15	N	Y	N	NAPL PRESENT
	MH-9	SE	Y	0.05	N	Y	N	
	MH-11	SE	Y	0.05	N	Y	N	
	MH-19A	SE	N	NA	N	Y	N	

Signature: 

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Love Canal Semiannual Barrier System / Pump Chamber Inspections

Date: 6/26/24 ***Weather:*** 79°F Sunny wind: 11 mph SSW

Inspector: CB, SG, JA

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	Sign of burrowing animal - all around concrete pad
PC-2A	Yes	Sign of burrowing animal - South of manhole lid
PC-3A	Yes	None

Comments:

Signature: [signature]

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Love Canal Semiannual Barrier System / Pump Chamber Inspections

Date: OCTOBER 25, 2024 ***Weather:*** 47°F MOSTLY CLOUDY

Inspector: J. ADAMS / S. GARDNER WINDS SSE 10-15 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 BURROWS
PC-2A	YES	SIGNS OF ANIMAL BURROWS
PC-3A	YES	NONE

Comments:

Signature:

Glenn Springs Holdings, Inc.

A subsidiary of Occidental Petroleum

Semiannual Site Cover and Fence Inspection

Site: Love Canal

Weather: 79°F Sunny

Date: 6/26/24

wind: 11mph SSW

Inspector: CB, SG, JA

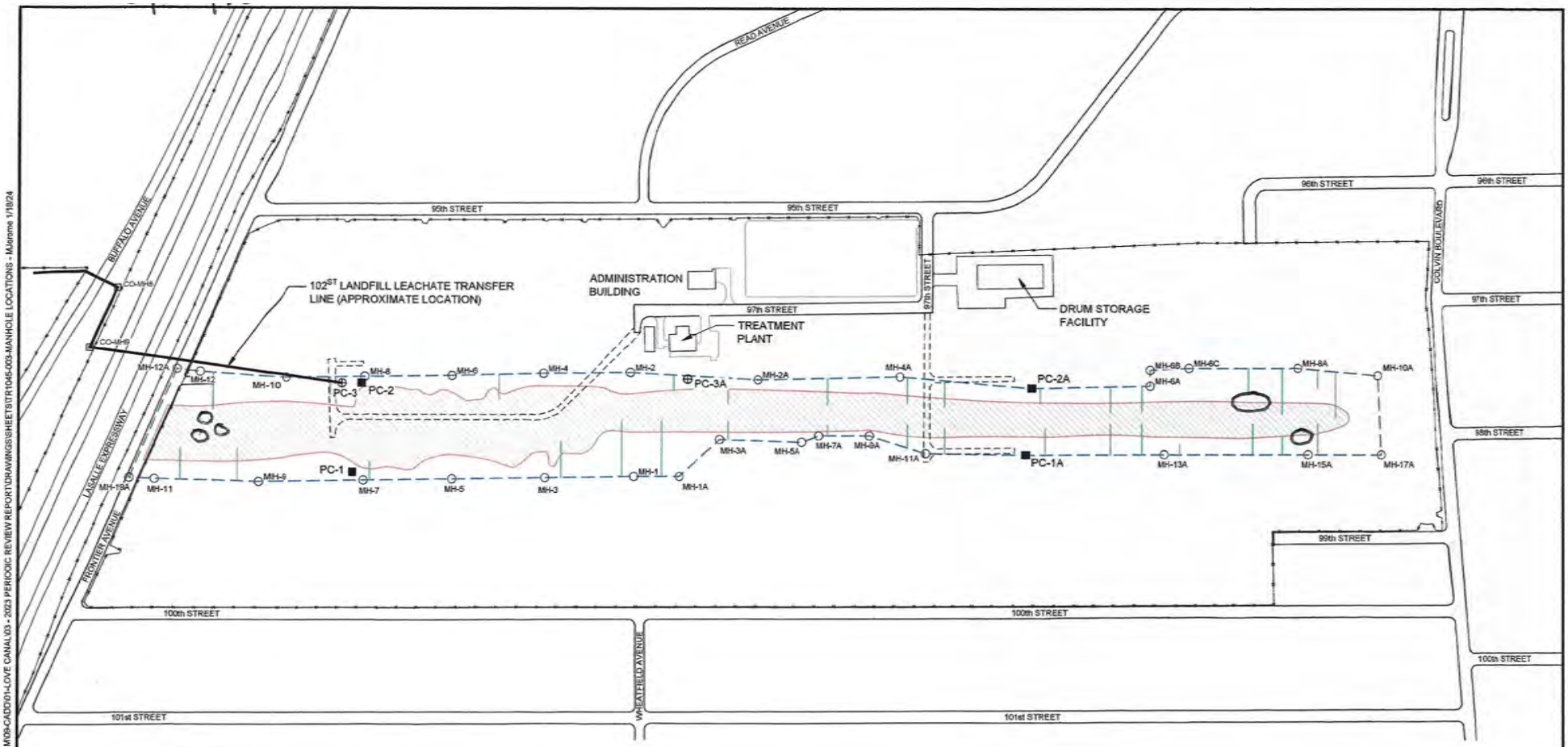
	Inspection Item	Applicable to Site	Inspect For	
1.	Landfill Cap	(Y) / N	- Signs of erosion (cap, ditches, swales)	Y / (N)
			- Exposure of the HDPE Liner	Y / (N)
			- Areas of insufficient grass coverage	Y / (N)
			- Signs of dead/dying grass	Y / (N)
			- Presence of washouts	Y / (N)
			- Settlement 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)

- Signs of burrowing animals around buildings and north side pump chambers
- No ponding water, but settlement on north and south (see attached map)

Notes:
HDPE – High Density Polyethylene

Signature: Charles Bucier



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-MH-9 — 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

Geosyntec consultants

FIGURE 2.2

PROJECT NO: TR1045 | JANUARY 2024

DATA SOURCE: GHD, 2021 PERIODIC REVIEW REPORT, SITE PLAN, DECEMBER 2021.

WATERLOO-01\DATA\PRJ\PROJECTS\TR1045 GSH WNY OAM\09-CADD\01-LOVE CANAL\03 - 2023 PERIODIC REVIEW REPORT\DRAWINGS\SHEETS\TR1045-003-MANHOLE LOCATIONS - Mdrome 1/18/24

Glenn Springs Holdings, Inc.

A subsidiary of Occidental Petroleum

Semiannual Site Cover and Fence Inspection

Site: LOVE CANAL

Date: 10/24/2024

Inspector: JA/SG

Weather: 53°F SUN + CLOUDS
WIND N 25-30 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)

- SIGNS OF BURROWING ANIMALS AROUND BUILDINGS + BY NORTH PUMP CHAMBERS
- SETTLEMENT ON NORTH END PONDING WATER, SOUTH SETTLEMENTS NO PONDING WATER

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…)

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.

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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 9th, 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. 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)

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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...)

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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)

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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)

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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.

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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)

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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

APPENDIX D - TABLE D.1

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 24, 2024 Service Request No:R2405028

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 07, 2024
For your reference, these analyses have been assigned our service request number **R2405028.**

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. **Service Request:** R2405028
Project: Love Canal:292-402-D02-3100 **Date Received:** 06/07/2024
Sample Matrix: Water

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:

Nineteen water samples were received for analysis at ALS Environmental on 06/07/2024. 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:

The RPD between the LCS and the LCSD was greater than the RPD limit. The percent recovery limit was met for both the LCS and the LCSD.

Method 8081B, 06/15/2024: The upper control criterion was exceeded for one or more analytes in the Duplicate Laboratory Control Sample (DLCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
The RPD between the MS and the MSD was greater than the RPD limit. The percent recovery limit was met for both the MS and the MSD.
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 8082A: 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 8260C, 06/15/2024: 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 8260C, 06/15/2024: 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 06/24/2024

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

R2405028-001	WG-TR1045-18A-410-060524-012-JA	6/5/2024	1005
R2405028-002	WG-TR1045-18A-410-060524-013-SG	6/5/2024	0920
R2405028-003	WG-TR1045-18A-410-060524-014-JA	6/5/2024	1135
R2405028-004	WG-TR1045-18A-410-060524-015-SG	6/5/2024	1035
R2405028-005	WG-TR1045-18A-410-060524-016-JA	6/5/2024	1445
R2405028-006	WG-TR1045-18A-410-060524-017-SG	6/5/2024	1145
R2405028-007	WG-TR1045-18A-410-060524-019-SG	6/5/2024	1310
R2405028-008	WG-TR1045-18A-410-060524-021-SG	6/5/2024	1450
R2405028-009	WG-TR1045-18A-410-060524-023-SG	6/5/2024	1450
R2405028-010	Trip Blank	6/5/2024	
R2405028-011	WG-TR1045-18A-410-060624-022-SG	6/6/2024	1020
R2405028-012	WG-TR1045-18A-410-060624-025-SG	6/6/2024	0855
R2405028-013	WG-TR1045-18A-410-060624-027-SG	6/6/2024	1140
R2405028-014	WG-TR1045-18A-410-060624-029-SG	6/6/2024	1300
R2405028-015	WG-TR1045-18A-410-060624-018-JA	6/6/2024	0930
R2405028-016	WG-TR1045-18A-410-060624-020-JA	6/6/2024	1020
R2405028-017	WG-TR1045-18A-410-060624-024-JA	6/6/2024	1215
R2405028-018	WG-TR1045-18A-410-060624-026-JA	6/6/2024	1350
R2405028-019	WG-TR1045-18A-410-060624-028-JA	6/6/2024	1350

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY:

DATE: 06/06/24
PAGE: 1 OF 3

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Bucior, & Dennis Hoyt
ADDRESS: 805 97th Street
CITY: Niagara Falls STATE: NY ZIP: 14304
TEL: 716-969-5567 Fax:

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)
PROJECT CONTACT: Christa Bucior & Dennis Hoyt
E-MAIL: christa.bucior@geosyntec.com; dhoyt@geosyntec.com

P.O. NO.: 292-402-D02-3100
SAMPLER(S): (PRINT) Shawn Gardner

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	Field Filtered	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 6260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060524-012-JA	6/5/2024	10:05	WG	3		X					X			
	WG-TR1045-18A-410-060524--012-JA	6/5/2024	10:05	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-013-SG	6/5/2024	9:20	WG	3		X					X			
	WG-TR1045-18A-410-060524-013-SG	6/5/2024	9:20	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-014-JA	6/5/2024	11:35	WG	3		X					X			
	WG-TR1045-18A-410-060524-014-JA	6/5/2024	11:35	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524--015-SG	6/5/2024	10:35	WG	3		X					X			
	WG-TR1045-18A-410-060524-015-SG	6/5/2024	10:35	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-016-JA	6/5/2024	14:45	WG	3		X					X			
	WG-TR1045-18A-410-060524-016-JA	6/5/2024	14:45	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-017-SG	6/5/2024	11:45	WG	3		X					X			
	WG-TR1045-18A-410-060524-017-SG	6/5/2024	11:45	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-019-SG	6/5/2024	13:10	WG	9		X					X			X
	WG-TR1045-18A-410-060524-019-SG	6/5/2024	13:10	WG	12	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	6/6/24	1500	Sarah S		6/7/24	1640

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY:

DATE: 06/06/24
PAGE: 2 OF 3

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Bucior, & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-969-5567 Fax:

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

PROJECT CONTACT: Christa Bucior & Dennis Hoyt

E-MAIL: christa.bucior@geosyntec.com dhoyt@geosyntec.com

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

SAMPLER(S): (PRINT) Shawn Gardner

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	Field Filtered	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060524-021-SG	6/5/2024	14:50	WG	3		X					X			
	WG-TR1045-18A-410-060524-021-SG	6/5/2024	14:50	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-023-SG	6/5/2024	14:50	WG	3		X					X			
	WG-TR1045-18A-410-060524-023-SG	6/5/2024	14:50	WG	4	X			X	X	X				
	TRIPBLANK	6/5/2024		WGQ	2		X					X			
	WG-TR1045-18A-410-060624-022-SG	6/6/2024	10:20	WG	3		X					X			
	WG-TR1045-18A-410-060624-022-SG	6/6/2024	10:20	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-025-SG	6/6/2024	8:55	WG	3		X					X			
	WG-TR1045-18A-410-060624-025-SG	6/6/2024	8:55	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-027-SG	6/6/2024	11:40	WG	3		X					X			
	WG-TR1045-18A-410-060624-027-SG	6/6/2024	11:40	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-029-SG	6/6/2024	13:00	WG	3		X					X			
	WG-TR1045-18A-410-060624-029-SG	6/6/2024	13:00	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-018-JA	6/6/2024	9:30	WG	3		X					X			

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
SHAWN GARDNER	Shawn Gardner	6/6/24	1500	Sarah S		6/7/24	1640

R2405028 5
GHD Services Inc.
Love Canal:292-402-D02-3100

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY:

DATE: 06/06/24
PAGE: 3 OF 3

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Bucior, & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-969-5567 Fax:

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

PROJECT CONTACT: Christa Bucior & Dennis Hoyt

E-MAIL: christa.bucior@geosyntec.com dhoyt@geosyntec.com

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

SAMPLER(S): (PRINT) Shawn Gardner

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	Field Filtered	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060624-018-JA	6/6/2024	9:30	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-020-JA	6/6/2024	10:20	WG	3		X					X			
	WG-TR1045-18A-410-060624-020-JA	6/6/2024	10:20	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-024-JA	6/6/2024	12:15	WG	3		X					X			
	WG-TR1045-18A-410-060624-024-JA	6/6/2024	12:15	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-026-JA	6/6/2024	13:50	WG	3		X					X			
	WG-TR1045-18A-410-060624-026-JA	6/6/2024	13:50	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-028-JA	6/6/2024	13:50	WG	3		X					X			
	WG-TR1045-18A-410-060624-028-JA	6/6/2024	13:50	WG	4	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	6/6/24	1500	Sarah S.		6/7/24	1640
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/Affiliation)	Date:	Time:

R2405028 5

GHD Services Inc.
Love Canal:292-402-D02-3100

Cooler Receipt and Preservation Check Form

Project/Client GHD Folder Number

Cooler received on 6/7/24 by: RDH **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: 6/7/24 Time: 1643 ID: IR#12 (IR#1) From: Temp Blank (Sample Bottle)

Temp (°C)	10.1	2.5	2.7	3.0	4.7	5.6	4.1
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 RDH on 6/7/24 at 1730
5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/7/24 Time: 1754 by: RDH

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: 012924-16J, 040624-3AHK

Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RDH *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
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.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Service Request: R2405028

Sample Name: WG-TR1045-18A-410-060524-012-JA
Lab Code: R2405028-001
Sample Matrix: Water
Date Collected: 06/5/24
Date Received: 06/7/24

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

Sample Name: WG-TR1045-18A-410-060524-013-SG
Lab Code: R2405028-002
Sample Matrix: Water
Date Collected: 06/5/24
Date Received: 06/7/24

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

Sample Name: WG-TR1045-18A-410-060524-014-JA
Lab Code: R2405028-003
Sample Matrix: Water
Date Collected: 06/5/24
Date Received: 06/7/24

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

Sample Name: WG-TR1045-18A-410-060524-015-SG
Lab Code: R2405028-004
Sample Matrix: Water
Date Collected: 06/5/24
Date Received: 06/7/24

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

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060524-015-SG **Date Collected:** 06/5/24
Lab Code: R2405028-004 **Date Received:** 06/7/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260C		KRUEST
8270D	JVANHEYNINGEN	BALLGEIER

Sample Name: WG-TR1045-18A-410-060524-016-JA **Date Collected:** 06/5/24
Lab Code: R2405028-005 **Date Received:** 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060524-017-SG **Date Collected:** 06/5/24
Lab Code: R2405028-006 **Date Received:** 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060524-019-SG **Date Collected:** 06/5/24
Lab Code: R2405028-007 **Date Received:** 06/7/24
Sample Matrix: Water

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

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Date Collected:**	06/5/24
Lab Code:	R2405028-007	**Date Received:**	06/7/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	JVANHEYNINGEN	BALLGEIER

Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Date Collected:**	06/5/24
Lab Code:	R2405028-008	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Date Collected:**	06/5/24
Lab Code:	R2405028-009	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	Trip Blank	**Date Collected:**	06/5/24
Lab Code:	R2405028-010	**Date Received:**	06/7/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Date Collected:**	06/6/24
Lab Code:	R2405028-011	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Date Collected:**	06/6/24
Lab Code:	R2405028-012	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Date Collected:**	06/6/24
Lab Code:	R2405028-013	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Date Collected:**	06/6/24
Lab Code:	R2405028-014	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060624-029-SG **Date Collected:** 06/6/24
Lab Code: R2405028-014 **Date Received:** 06/7/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260C		KRUEST
8270D	JVANHEYNINGEN	BALLGEIER

Sample Name: WG-TR1045-18A-410-060624-018-JA **Date Collected:** 06/6/24
Lab Code: R2405028-015 **Date Received:** 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060624-020-JA **Date Collected:** 06/6/24
Lab Code: R2405028-016 **Date Received:** 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060624-024-JA **Date Collected:** 06/6/24
Lab Code: R2405028-017 **Date Received:** 06/7/24
Sample Matrix: Water

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

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Date Collected:**	06/6/24
Lab Code:	R2405028-017	**Date Received:**	06/7/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	JVANHEYNINGEN	BALLGEIER

Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Date Collected:**	06/6/24
Lab Code:	R2405028-018	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Date Collected:**	06/6/24
Lab Code:	R2405028-019	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 00:27	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 00:27	
2-Hexanone	10 U	10	0.20	1	06/15/24 00:27	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 00:27	
Acetone	10 U	10	5.0	1	06/15/24 00:27	
Benzene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 00:27	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 00:27	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 00:27	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 00:27	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 00:27	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 00:27	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 00:27	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 00:27	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Styrene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 00:27	
Toluene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 00:27	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 00:27	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 00:27	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 00:27	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 00:27	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 00:27	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 00:27	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 00:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/15/24 00:27	
Dibromofluoromethane	98	80 - 116	06/15/24 00:27	
Toluene-d8	97	87 - 121	06/15/24 00:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	15.0	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 00:50	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 00:50	
2-Hexanone	10 U	10	0.20	1	06/15/24 00:50	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 00:50	
Acetone	10 U	10	5.0	1	06/15/24 00:50	
Benzene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 00:50	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 00:50	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 00:50	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 00:50	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 00:50	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 00:50	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 00:50	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 00:50	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Styrene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 00:50	
Toluene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 00:50	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 00:50	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 00:50	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 00:50	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 00:50	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 00:50	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 00:50	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 00:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/15/24 00:50	
Dibromofluoromethane	96	80 - 116	06/15/24 00:50	
Toluene-d8	97	87 - 121	06/15/24 00:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	19.4	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 17:45	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 17:45	
2-Hexanone	10 U	10	0.20	1	06/13/24 17:45	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 17:45	
Acetone	10 U	10	5.0	1	06/13/24 17:45	
Benzene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 17:45	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 17:45	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 17:45	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 17:45	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 17:45	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 17:45	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 17:45	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 17:45	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Styrene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 17:45	
Toluene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 17:45	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 17:45	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 17:45	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 17:45	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 17:45	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 17:45	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 17:45	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 17:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/13/24 17:45	
Dibromofluoromethane	98	80 - 116	06/13/24 17:45	
Toluene-d8	99	87 - 121	06/13/24 17:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	25.4	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 01:13	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 01:13	
2-Hexanone	10 U	10	0.20	1	06/15/24 01:13	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 01:13	
Acetone	10 U	10	5.0	1	06/15/24 01:13	
Benzene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 01:13	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 01:13	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 01:13	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 01:13	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 01:13	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 01:13	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 01:13	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 01:13	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Styrene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 01:13	
Toluene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 01:13	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 01:13	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 01:13	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 01:13	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 01:13	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 01:13	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 01:13	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 01:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/15/24 01:13	
Dibromofluoromethane	100	80 - 116	06/15/24 01:13	
Toluene-d8	100	87 - 121	06/15/24 01:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	20.8	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 18:08	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 18:08	
2-Hexanone	10 U	10	0.20	1	06/13/24 18:08	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 18:08	
Acetone	10 U	10	5.0	1	06/13/24 18:08	
Benzene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 18:08	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 18:08	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 18:08	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 18:08	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 18:08	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 18:08	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 18:08	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 18:08	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Styrene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 18:08	
Toluene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 18:08	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 18:08	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 18:08	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 18:08	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 18:08	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 18:08	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 18:08	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 18:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/13/24 18:08	
Dibromofluoromethane	97	80 - 116	06/13/24 18:08	
Toluene-d8	99	87 - 121	06/13/24 18:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	17.8	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 01:36	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 01:36	
2-Hexanone	10 U	10	0.20	1	06/15/24 01:36	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 01:36	
Acetone	10 U	10	5.0	1	06/15/24 01:36	
Benzene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 01:36	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 01:36	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 01:36	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 01:36	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 01:36	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 01:36	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 01:36	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 01:36	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Styrene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 01:36	
Toluene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 01:36	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 01:36	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 01:36	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 01:36	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 01:36	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 01:36	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 01:36	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 01:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/15/24 01:36	
Dibromofluoromethane	99	80 - 116	06/15/24 01:36	
Toluene-d8	100	87 - 121	06/15/24 01:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	16.8	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 18:31	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 18:31	
2-Hexanone	10 U	10	0.20	1	06/13/24 18:31	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 18:31	
Acetone	10 U	10	5.0	1	06/13/24 18:31	
Benzene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 18:31	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 18:31	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 18:31	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 18:31	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 18:31	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 18:31	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 18:31	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 18:31	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Styrene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 18:31	
Toluene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 18:31	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 18:31	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 18:31	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 18:31	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 18:31	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 18:31	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 18:31	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 18:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/13/24 18:31	
Dibromofluoromethane	98	80 - 116	06/13/24 18:31	
Toluene-d8	98	87 - 121	06/13/24 18:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	13.2	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 01:59	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 01:59	
2-Hexanone	10 U	10	0.20	1	06/15/24 01:59	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 01:59	
Acetone	10 U	10	5.0	1	06/15/24 01:59	
Benzene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 01:59	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 01:59	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 01:59	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 01:59	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 01:59	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 01:59	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 01:59	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 01:59	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Styrene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 01:59	
Toluene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 01:59	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 01:59	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 01:59	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 01:59	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 01:59	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 01:59	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 01:59	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 01:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/15/24 01:59	
Dibromofluoromethane	99	80 - 116	06/15/24 01:59	
Toluene-d8	99	87 - 121	06/15/24 01:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	16.4	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 02:22	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 02:22	
2-Hexanone	10 U	10	0.20	1	06/15/24 02:22	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 02:22	
Acetone	10 U	10	5.0	1	06/15/24 02:22	
Benzene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 02:22	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 02:22	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 02:22	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 02:22	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 02:22	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 02:22	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 02:22	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 02:22	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Styrene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 02:22	
Toluene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 02:22	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 02:22	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 02:22	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 02:22	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 02:22	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 02:22	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 02:22	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 02:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/15/24 02:22	
Dibromofluoromethane	97	80 - 116	06/15/24 02:22	
Toluene-d8	96	87 - 121	06/15/24 02:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	16.3	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405028-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 17:22	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 17:22	
2-Hexanone	10 U	10	0.20	1	06/13/24 17:22	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 17:22	
Acetone	10 U	10	5.0	1	06/13/24 17:22	
Benzene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 17:22	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 17:22	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 17:22	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 17:22	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 17:22	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 17:22	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 17:22	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 17:22	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Styrene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 17:22	
Toluene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 17:22	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 17:22	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 17:22	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 17:22	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 17:22	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 17:22	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 17:22	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 17:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405028-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/13/24 17:22	
Dibromofluoromethane	96	80 - 116	06/13/24 17:22	
Toluene-d8	98	87 - 121	06/13/24 17:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405028-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	7.1	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,1,2-Trichloroethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,2-Dichloroethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,2-Dichloropropane	5.0	U	5.0	0.20	1	06/15/24 02:45	
2-Butanone (MEK)	10	U	10	0.78	1	06/15/24 02:45	
2-Hexanone	10	U	10	0.20	1	06/15/24 02:45	
4-Methyl-2-pentanone	10	U	10	0.20	1	06/15/24 02:45	
Acetone	10	U	10	5.0	1	06/15/24 02:45	
Benzene	5.0	U	5.0	0.20	1	06/15/24 02:45	
Bromodichloromethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
Bromoform	5.0	U	5.0	0.25	1	06/15/24 02:45	
Bromomethane	5.0	U	5.0	0.70	1	06/15/24 02:45	
Carbon Disulfide	**160**		10	0.42	1	06/15/24 02:45	
Carbon Tetrachloride	5.0	U	5.0	0.34	1	06/15/24 02:45	
Chlorobenzene	5.0	U	5.0	0.20	1	06/15/24 02:45	
Chloroethane	5.0	U	5.0	0.23	1	06/15/24 02:45	
Chloroform	5.0	U	5.0	0.51	1	06/15/24 02:45	
Chloromethane	5.0	U	5.0	0.80	1	06/15/24 02:45	
Dibromochloromethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
Dichloromethane	5.0	U	5.0	0.65	1	06/15/24 02:45	
Ethylbenzene	5.0	U	5.0	0.20	1	06/15/24 02:45	
Styrene	5.0	U	5.0	0.20	1	06/15/24 02:45	
Tetrachloroethene (PCE)	5.0	U	5.0	0.21	1	06/15/24 02:45	
Toluene	**0.29**	**J**	5.0	0.20	1	06/15/24 02:45	
Trichloroethene (TCE)	5.0	U	5.0	0.20	1	06/15/24 02:45	
Vinyl Acetate	10	U	10	1.1	1	06/15/24 02:45	
Vinyl Chloride	5.0	U	5.0	0.20	1	06/15/24 02:45	
Xylenes, Total	5.0	U	5.0	0.23	1	06/15/24 02:45	
cis-1,2-Dichloroethene	5.0	U	5.0	0.23	1	06/15/24 02:45	
cis-1,3-Dichloropropene	5.0	U	5.0	0.20	1	06/15/24 02:45	
trans-1,2-Dichloroethene	5.0	U	5.0	0.20	1	06/15/24 02:45	
trans-1,3-Dichloropropene	5.0	U	5.0	0.23	1	06/15/24 02:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/15/24 02:45	
Dibromofluoromethane	101	80 - 116	06/15/24 02:45	
Toluene-d8	100	87 - 121	06/15/24 02:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	11.2	J
007446-09-5	Sulfur dioxide	1.14	5.9	JN
000074-93-1	Methanethiol	1.41	93.3	JN
	unknown	1.48	12.7	J
000104-76-7	1-Hexanol, 2-ethyl-	11.86	16.3	JN
000624-89-5	Ethane, (methylthio)-	3.89	26.5	JN
000624-92-0	Disulfide, dimethyl	7.87	30.5	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 03:08	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 03:08	
2-Hexanone	10 U	10	0.20	1	06/15/24 03:08	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 03:08	
Acetone	10 U	10	5.0	1	06/15/24 03:08	
Benzene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 03:08	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 03:08	
Carbon Disulfide	**1.2 J**	10	0.42	1	06/15/24 03:08	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 03:08	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 03:08	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 03:08	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 03:08	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 03:08	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Styrene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 03:08	
Toluene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 03:08	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 03:08	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 03:08	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 03:08	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 03:08	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 03:08	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 03:08	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 03:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	06/15/24 03:08	
Dibromofluoromethane	99	80 - 116	06/15/24 03:08	
Toluene-d8	99	87 - 121	06/15/24 03:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	18.4	J
007446-09-5	Sulfur dioxide	1.14	5.4	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 03:31	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 03:31	
2-Hexanone	10 U	10	0.20	1	06/15/24 03:31	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 03:31	
Acetone	10 U	10	5.0	1	06/15/24 03:31	
Benzene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 03:31	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 03:31	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 03:31	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 03:31	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 03:31	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 03:31	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 03:31	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 03:31	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Styrene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 03:31	
Toluene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 03:31	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 03:31	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 03:31	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 03:31	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 03:31	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 03:31	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 03:31	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 03:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	06/15/24 03:31	
Dibromofluoromethane	100	80 - 116	06/15/24 03:31	
Toluene-d8	100	87 - 121	06/15/24 03:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	17.0	J
000104-76-7	1-Hexanol, 2-ethyl-	11.86	104.9	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 03:54	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 03:54	
2-Hexanone	10 U	10	0.20	1	06/15/24 03:54	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 03:54	
Acetone	10 U	10	5.0	1	06/15/24 03:54	
Benzene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 03:54	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 03:54	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 03:54	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 03:54	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 03:54	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 03:54	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 03:54	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 03:54	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Styrene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 03:54	
Toluene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 03:54	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 03:54	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 03:54	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 03:54	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 03:54	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 03:54	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 03:54	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 03:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	06/15/24 03:54	
Dibromofluoromethane	97	80 - 116	06/15/24 03:54	
Toluene-d8	98	87 - 121	06/15/24 03:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	6.5	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 04:17	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 04:17	
2-Hexanone	10 U	10	0.20	1	06/15/24 04:17	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 04:17	
Acetone	10 U	10	5.0	1	06/15/24 04:17	
Benzene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 04:17	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 04:17	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 04:17	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 04:17	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 04:17	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 04:17	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 04:17	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 04:17	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Styrene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 04:17	
Toluene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 04:17	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 04:17	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 04:17	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 04:17	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 04:17	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 04:17	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 04:17	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 04:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/15/24 04:17	
Dibromofluoromethane	99	80 - 116	06/15/24 04:17	
Toluene-d8	100	87 - 121	06/15/24 04:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	18.8	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 04:40	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 04:40	
2-Hexanone	10 U	10	0.20	1	06/15/24 04:40	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 04:40	
Acetone	10 U	10	5.0	1	06/15/24 04:40	
Benzene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 04:40	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 04:40	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 04:40	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 04:40	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 04:40	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 04:40	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 04:40	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 04:40	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Styrene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 04:40	
Toluene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 04:40	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 04:40	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 04:40	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 04:40	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 04:40	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 04:40	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 04:40	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 04:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/15/24 04:40	
Dibromofluoromethane	100	80 - 116	06/15/24 04:40	
Toluene-d8	99	87 - 121	06/15/24 04:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	17.0	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 05:03	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 05:03	
2-Hexanone	10 U	10	0.20	1	06/15/24 05:03	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 05:03	
Acetone	10 U	10	5.0	1	06/15/24 05:03	
Benzene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 05:03	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 05:03	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 05:03	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 05:03	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 05:03	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 05:03	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 05:03	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 05:03	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Styrene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 05:03	
Toluene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 05:03	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 05:03	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 05:03	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 05:03	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 05:03	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 05:03	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 05:03	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 05:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	06/15/24 05:03	
Dibromofluoromethane	100	80 - 116	06/15/24 05:03	
Toluene-d8	101	87 - 121	06/15/24 05:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	17.7	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 19:17	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 19:17	
2-Hexanone	10 U	10	0.20	1	06/13/24 19:17	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 19:17	
Acetone	10 U	10	5.0	1	06/13/24 19:17	
Benzene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 19:17	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 19:17	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 19:17	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 19:17	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 19:17	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 19:17	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 19:17	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 19:17	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Styrene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 19:17	
Toluene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 19:17	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 19:17	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 19:17	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 19:17	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 19:17	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 19:17	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 19:17	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 19:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/13/24 19:17	
Dibromofluoromethane	97	80 - 116	06/13/24 19:17	
Toluene-d8	99	87 - 121	06/13/24 19:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	31.5	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 19:40	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 19:40	
2-Hexanone	10 U	10	0.20	1	06/13/24 19:40	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 19:40	
Acetone	10 U	10	5.0	1	06/13/24 19:40	
Benzene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 19:40	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 19:40	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 19:40	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 19:40	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 19:40	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 19:40	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 19:40	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 19:40	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Styrene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 19:40	
Toluene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 19:40	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 19:40	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 19:40	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 19:40	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 19:40	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 19:40	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 19:40	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 19:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/13/24 19:40	
Dibromofluoromethane	98	80 - 116	06/13/24 19:40	
Toluene-d8	98	87 - 121	06/13/24 19:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	33.9	J

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 19:19	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 19:19	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 19:19	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 19:19	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 19:19	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 19:19	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 19:19	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 19:19	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 19:19	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 19:19	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 19:19	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 19:19	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 19:19	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 19:19	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 19:19	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 19:19	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 19:19	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 19:19	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 19:19	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 19:19	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 19:19	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 19:19	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 19:19	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 19:19	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 19:19	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 19:19	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 19:19	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 19:19	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/12/24 19:19	
2-Fluorobiphenyl	68	25 - 99	06/12/24 19:19	
2-Fluorophenol	46	15 - 72	06/12/24 19:19	
Nitrobenzene-d5	71	22 - 104	06/12/24 19:19	
Phenol-d6	31	10 - 55	06/12/24 19:19	
p-Terphenyl-d14	77	10 - 143	06/12/24 19:19	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 19:43	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 19:43	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 19:43	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 19:43	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 19:43	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 19:43	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 19:43	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 19:43	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 19:43	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 19:43	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 19:43	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 19:43	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 19:43	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 19:43	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 19:43	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 19:43	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 19:43	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 19:43	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 19:43	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 19:43	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 19:43	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 19:43	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 19:43	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 19:43	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 19:43	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 19:43	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 19:43	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 19:43	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	82	31 - 133	06/12/24 19:43	
2-Fluorobiphenyl	69	25 - 99	06/12/24 19:43	
2-Fluorophenol	44	15 - 72	06/12/24 19:43	
Nitrobenzene-d5	71	22 - 104	06/12/24 19:43	
Phenol-d6	29	10 - 55	06/12/24 19:43	
p-Terphenyl-d14	98	10 - 143	06/12/24 19:43	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
1,2-Dichlorobenzene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
1,3-Dichlorobenzene	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
1,4-Dichlorobenzene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
2,4,5-Trichlorophenol	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
2,4,6-Trichlorophenol	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
2,4-Dichlorophenol	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
2,4-Dimethylphenol	9.8 U	9.8	4.3	1	06/12/24 20:07	6/10/24	
2,4-Dinitrophenol	49 U	49	20	1	06/12/24 20:07	6/10/24	
2,4-Dinitrotoluene	9.8 U	9.8	2.4	1	06/12/24 20:07	6/10/24	
2,6-Dinitrotoluene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
2-Chloronaphthalene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
2-Chlorophenol	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
2-Methylnaphthalene	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
2-Methylphenol	9.8 U	9.8	1.0	1	06/12/24 20:07	6/10/24	
2-Nitroaniline	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
2-Nitrophenol	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	
3,3'-Dichlorobenzidine	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
3- and 4-Methylphenol Coelution	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
3-Nitroaniline	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
4,6-Dinitro-2-methylphenol	49 U	49	8.7	1	06/12/24 20:07	6/10/24	
4-Bromophenyl Phenyl Ether	9.8 U	9.8	1.7	1	06/12/24 20:07	6/10/24	
4-Chloro-3-methylphenol	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
4-Chloroaniline	9.8 U	9.8	1.0	1	06/12/24 20:07	6/10/24	
4-Chlorophenyl Phenyl Ether	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	
4-Nitroaniline	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
4-Nitrophenol	49 U	49	6.4	1	06/12/24 20:07	6/10/24	
Acenaphthene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Acenaphthylene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Anthracene	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Benz(a)anthracene	9.8 U	9.8	1.6	1	06/12/24 20:07	6/10/24	
Benzo(a)pyrene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
Benzo(b)fluoranthene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
Benzo(g,h,i)perylene	9.8 U	9.8	2.1	1	06/12/24 20:07	6/10/24	
Benzo(k)fluoranthene	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Benzoic Acid	49 U	49	36	1	06/12/24 20:07	6/10/24	
Benzyl Alcohol	9.8 U	9.8	1.6	1	06/12/24 20:07	6/10/24	
2,2'-Oxybis(1-chloropropane)	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Bis(2-chloroethoxy)methane	9.8 U	9.8	1.9	1	06/12/24 20:07	6/10/24	
Bis(2-chloroethyl) Ether	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Bis(2-ethylhexyl) Phthalate	9.8 U	9.8	7.8	1	06/12/24 20:07	6/10/24	
Butyl Benzyl Phthalate	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Chrysene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	9.8 U	9.8	1.7	1	06/12/24 20:07	6/10/24	
Di-n-octyl Phthalate	9.8 U	9.8	3.3	1	06/12/24 20:07	6/10/24	
Dibenz(a,h)anthracene	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
Dibenzofuran	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Diethyl Phthalate	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
Dimethyl Phthalate	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Fluoranthene	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	
Fluorene	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Hexachlorobenzene	9.8 U	9.8	1.6	1	06/12/24 20:07	6/10/24	
Hexachlorobutadiene	9.8 U	9.8	1.0	1	06/12/24 20:07	6/10/24	
Hexachlorocyclopentadiene	9.8 U	9.8	2.2	1	06/12/24 20:07	6/10/24	
Hexachloroethane	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
Indeno(1,2,3-cd)pyrene	9.8 U	9.8	1.8	1	06/12/24 20:07	6/10/24	
Isophorone	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
N-Nitrosodi-n-propylamine	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
N-Nitrosodiphenylamine	9.8 U	9.8	2.7	1	06/12/24 20:07	6/10/24	
Naphthalene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
Nitrobenzene	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	
Pentachlorophenol (PCP)	49 U	49	9.7	1	06/12/24 20:07	6/10/24	
Phenanthrene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Phenol	9.8 U	9.8	1.0	1	06/12/24 20:07	6/10/24	
Pyrene	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	75	31 - 133	06/12/24 20:07	
2-Fluorobiphenyl	75	25 - 99	06/12/24 20:07	
2-Fluorophenol	45	15 - 72	06/12/24 20:07	
Nitrobenzene-d5	73	22 - 104	06/12/24 20:07	
Phenol-d6	31	10 - 55	06/12/24 20:07	
p-Terphenyl-d14	90	10 - 143	06/12/24 20:07	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 20:31	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 20:31	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 20:31	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 20:31	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 20:31	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 20:31	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 20:31	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 20:31	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 20:31	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 20:31	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 20:31	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 20:31	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 20:31	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 20:31	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 20:31	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 20:31	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 20:31	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 20:31	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 20:31	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 20:31	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 20:31	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 20:31	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 20:31	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 20:31	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 20:31	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 20:31	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 20:31	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 20:31	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	80	31 - 133	06/12/24 20:31	
2-Fluorobiphenyl	73	25 - 99	06/12/24 20:31	
2-Fluorophenol	45	15 - 72	06/12/24 20:31	
Nitrobenzene-d5	73	22 - 104	06/12/24 20:31	
Phenol-d6	31	10 - 55	06/12/24 20:31	
p-Terphenyl-d14	99	10 - 143	06/12/24 20:31	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 20:55	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 20:55	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 20:55	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 20:55	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 20:55	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 20:55	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 20:55	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 20:55	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 20:55	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 20:55	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 20:55	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 20:55	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 20:55	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 20:55	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 20:55	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 20:55	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 20:55	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 20:55	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 20:55	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 20:55	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 20:55	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 20:55	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 20:55	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 20:55	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 20:55	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 20:55	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 20:55	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 20:55	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	06/12/24 20:55	
2-Fluorobiphenyl	65	25 - 99	06/12/24 20:55	
2-Fluorophenol	41	15 - 72	06/12/24 20:55	
Nitrobenzene-d5	66	22 - 104	06/12/24 20:55	
Phenol-d6	29	10 - 55	06/12/24 20:55	
p-Terphenyl-d14	88	10 - 143	06/12/24 20:55	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 21:19	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 21:19	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 21:19	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 21:19	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 21:19	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 21:19	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 21:19	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 21:19	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 21:19	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 21:19	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 21:19	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 21:19	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 21:19	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 21:19	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 21:19	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 21:19	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 21:19	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 21:19	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 21:19	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 21:19	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 21:19	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 21:19	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 21:19	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 21:19	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 21:19	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 21:19	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 21:19	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 21:19	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	06/12/24 21:19	
2-Fluorobiphenyl	69	25 - 99	06/12/24 21:19	
2-Fluorophenol	44	15 - 72	06/12/24 21:19	
Nitrobenzene-d5	71	22 - 104	06/12/24 21:19	
Phenol-d6	29	10 - 55	06/12/24 21:19	
p-Terphenyl-d14	88	10 - 143	06/12/24 21:19	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 21:42	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 21:42	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 21:42	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 21:42	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 21:42	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 21:42	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 21:42	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 21:42	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 21:42	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 21:42	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 21:42	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 21:42	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 21:42	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 21:42	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 21:42	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 21:42	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 21:42	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 21:42	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 21:42	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 21:42	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 21:42	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 21:42	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 21:42	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 21:42	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 21:42	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 21:42	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 21:42	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 21:42	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	70	31 - 133	06/12/24 21:42	
2-Fluorobiphenyl	61	25 - 99	06/12/24 21:42	
2-Fluorophenol	42	15 - 72	06/12/24 21:42	
Nitrobenzene-d5	64	22 - 104	06/12/24 21:42	
Phenol-d6	27	10 - 55	06/12/24 21:42	
p-Terphenyl-d14	84	10 - 143	06/12/24 21:42	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 22:54	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 22:54	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 22:54	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 22:54	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 22:54	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 22:54	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 22:54	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 22:54	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 22:54	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 22:54	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 22:54	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 22:54	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 22:54	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 22:54	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 22:54	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 22:54	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 22:54	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 22:54	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 22:54	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 22:54	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 22:54	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 22:54	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 22:54	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 22:54	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 22:54	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 22:54	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 22:54	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 22:54	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	73	31 - 133	06/12/24 22:54	
2-Fluorobiphenyl	66	25 - 99	06/12/24 22:54	
2-Fluorophenol	41	15 - 72	06/12/24 22:54	
Nitrobenzene-d5	68	22 - 104	06/12/24 22:54	
Phenol-d6	28	10 - 55	06/12/24 22:54	
p-Terphenyl-d14	96	10 - 143	06/12/24 22:54	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 23:17	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 23:17	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 23:17	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 23:17	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 23:17	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 23:17	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 23:17	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 23:17	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 23:17	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 23:17	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 23:17	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 23:17	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 23:17	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 23:17	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 23:17	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 23:17	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 23:17	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 23:17	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 23:17	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 23:17	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 23:17	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 23:17	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 23:17	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 23:17	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 23:17	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 23:17	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 23:17	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 23:17	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	69	31 - 133	06/12/24 23:17	
2-Fluorobiphenyl	67	25 - 99	06/12/24 23:17	
2-Fluorophenol	44	15 - 72	06/12/24 23:17	
Nitrobenzene-d5	70	22 - 104	06/12/24 23:17	
Phenol-d6	29	10 - 55	06/12/24 23:17	
p-Terphenyl-d14	96	10 - 143	06/12/24 23:17	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 23:41	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 23:41	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 23:41	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 23:41	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 23:41	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 23:41	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 23:41	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 23:41	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 23:41	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 23:41	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 23:41	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 23:41	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 23:41	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 23:41	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 23:41	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 23:41	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 23:41	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 23:41	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Diethyl Phthalate	**2.3 J**	10	1.1	1	06/12/24 23:41	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 23:41	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 23:41	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 23:41	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 23:41	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 23:41	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 23:41	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 23:41	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 23:41	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 23:41	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 23:41	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	57	31 - 133	06/12/24 23:41	
2-Fluorobiphenyl	66	25 - 99	06/12/24 23:41	
2-Fluorophenol	57	15 - 72	06/12/24 23:41	
Nitrobenzene-d5	74	22 - 104	06/12/24 23:41	
Phenol-d6	54	10 - 55	06/12/24 23:41	
p-Terphenyl-d14	69	10 - 143	06/12/24 23:41	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 00:04	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 00:04	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 00:04	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 00:04	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 00:04	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 00:04	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 00:04	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 00:04	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 00:04	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 00:04	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 00:04	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 00:04	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 00:04	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 00:04	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 00:04	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 00:04	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 00:04	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 00:04	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 00:04	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 00:04	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 00:04	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 00:04	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 00:04	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 00:04	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 00:04	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 00:04	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 00:04	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 00:04	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	58	31 - 133	06/13/24 00:04	
2-Fluorobiphenyl	67	25 - 99	06/13/24 00:04	
2-Fluorophenol	45	15 - 72	06/13/24 00:04	
Nitrobenzene-d5	71	22 - 104	06/13/24 00:04	
Phenol-d6	29	10 - 55	06/13/24 00:04	
p-Terphenyl-d14	93	10 - 143	06/13/24 00:04	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 00:28	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 00:28	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 00:28	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 00:28	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 00:28	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 00:28	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 00:28	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 00:28	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 00:28	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 00:28	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 00:28	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 00:28	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 00:28	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 00:28	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 00:28	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 00:28	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 00:28	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 00:28	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 00:28	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 00:28	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 00:28	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 00:28	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 00:28	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 00:28	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 00:28	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 00:28	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 00:28	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 00:28	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	57	31 - 133	06/13/24 00:28	
2-Fluorobiphenyl	65	25 - 99	06/13/24 00:28	
2-Fluorophenol	44	15 - 72	06/13/24 00:28	
Nitrobenzene-d5	70	22 - 104	06/13/24 00:28	
Phenol-d6	29	10 - 55	06/13/24 00:28	
p-Terphenyl-d14	92	10 - 143	06/13/24 00:28	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 00:51	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 00:51	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 00:51	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 00:51	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 00:51	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 00:51	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 00:51	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 00:51	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 00:51	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 00:51	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 00:51	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 00:51	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 00:51	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 00:51	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 00:51	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 00:51	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 00:51	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 00:51	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 00:51	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 00:51	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 00:51	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 00:51	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 00:51	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 00:51	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 00:51	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 00:51	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 00:51	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 00:51	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	50	31 - 133	06/13/24 00:51	
2-Fluorobiphenyl	72	25 - 99	06/13/24 00:51	
2-Fluorophenol	46	15 - 72	06/13/24 00:51	
Nitrobenzene-d5	79	22 - 104	06/13/24 00:51	
Phenol-d6	30	10 - 55	06/13/24 00:51	
p-Terphenyl-d14	90	10 - 143	06/13/24 00:51	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 01:15	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 01:15	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 01:15	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 01:15	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 01:15	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 01:15	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 01:15	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 01:15	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 01:15	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 01:15	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 01:15	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 01:15	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 01:15	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 01:15	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 01:15	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 01:15	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 01:15	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 01:15	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 01:15	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 01:15	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 01:15	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 01:15	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 01:15	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 01:15	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 01:15	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 01:15	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 01:15	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 01:15	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	50	31 - 133	06/13/24 01:15	
2-Fluorobiphenyl	55	25 - 99	06/13/24 01:15	
2-Fluorophenol	39	15 - 72	06/13/24 01:15	
Nitrobenzene-d5	60	22 - 104	06/13/24 01:15	
Phenol-d6	25	10 - 55	06/13/24 01:15	
p-Terphenyl-d14	87	10 - 143	06/13/24 01:15	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 01:38	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 01:38	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 01:38	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 01:38	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 01:38	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 01:38	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 01:38	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 01:38	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 01:38	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 01:38	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 01:38	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 01:38	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 01:38	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 01:38	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 01:38	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 01:38	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 01:38	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 01:38	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 01:38	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 01:38	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 01:38	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 01:38	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 01:38	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 01:38	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 01:38	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 01:38	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 01:38	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 01:38	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	53	31 - 133	06/13/24 01:38	
2-Fluorobiphenyl	55	25 - 99	06/13/24 01:38	
2-Fluorophenol	39	15 - 72	06/13/24 01:38	
Nitrobenzene-d5	60	22 - 104	06/13/24 01:38	
Phenol-d6	27	10 - 55	06/13/24 01:38	
p-Terphenyl-d14	96	10 - 143	06/13/24 01:38	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 02:01	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 02:01	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 02:01	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 02:01	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 02:01	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 02:01	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 02:01	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 02:01	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 02:01	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 02:01	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 02:01	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 02:01	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 02:01	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 02:01	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 02:01	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 02:01	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 02:01	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 02:01	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 02:01	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 02:01	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 02:01	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 02:01	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 02:01	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 02:01	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 02:01	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 02:01	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 02:01	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 02:01	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	47	31 - 133	06/13/24 02:01	
2-Fluorobiphenyl	63	25 - 99	06/13/24 02:01	
2-Fluorophenol	43	15 - 72	06/13/24 02:01	
Nitrobenzene-d5	68	22 - 104	06/13/24 02:01	
Phenol-d6	27	10 - 55	06/13/24 02:01	
p-Terphenyl-d14	89	10 - 143	06/13/24 02:01	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 02:25	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 02:25	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 02:25	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 02:25	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 02:25	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 02:25	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 02:25	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 02:25	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 02:25	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 02:25	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 02:25	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 02:25	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 02:25	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 02:25	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 02:25	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 02:25	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 02:25	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 02:25	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 02:25	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 02:25	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 02:25	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 02:25	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 02:25	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 02:25	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 02:25	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 02:25	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 02:25	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 02:25	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	46	31 - 133	06/13/24 02:25	
2-Fluorobiphenyl	68	25 - 99	06/13/24 02:25	
2-Fluorophenol	43	15 - 72	06/13/24 02:25	
Nitrobenzene-d5	70	22 - 104	06/13/24 02:25	
Phenol-d6	30	10 - 55	06/13/24 02:25	
p-Terphenyl-d14	84	10 - 143	06/13/24 02:25	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 02:48	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 02:48	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 02:48	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 02:48	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 02:48	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 02:48	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 02:48	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 02:48	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 02:48	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 02:48	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 02:48	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 02:48	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 02:48	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 02:48	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 02:48	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 02:48	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 02:48	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 02:48	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 02:48	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 02:48	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 02:48	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 02:48	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 02:48	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 02:48	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 02:48	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 02:48	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 02:48	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 02:48	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	46	31 - 133	06/13/24 02:48	
2-Fluorobiphenyl	78	25 - 99	06/13/24 02:48	
2-Fluorophenol	49	15 - 72	06/13/24 02:48	
Nitrobenzene-d5	80	22 - 104	06/13/24 02:48	
Phenol-d6	34	10 - 55	06/13/24 02:48	
p-Terphenyl-d14	95	10 - 143	06/13/24 02:48	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**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	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 00:17	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	34	10 - 111	06/15/24 00:17	
Tetrachloro-m-xylene	63	10 - 101	06/15/24 00:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**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	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
4,4'-DDE	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
4,4'-DDT	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Aldrin	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Dieldrin	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endosulfan I	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endosulfan II	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endosulfan Sulfate	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endrin	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endrin Ketone	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Heptachlor	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Heptachlor Epoxide	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Methoxychlor	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 03:10	6/10/24	
alpha-BHC	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
alpha-Chlordane	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
beta-BHC	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
delta-BHC	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
gamma-BHC (Lindane)	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
gamma-Chlordane	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10 - 111	06/15/24 03:10	
Tetrachloro-m-xylene	65	10 - 101	06/15/24 03:10	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**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	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 00:34	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 111	06/15/24 00:34	
Tetrachloro-m-xylene	73	10 - 101	06/15/24 00:34	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**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	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 03:27	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	81	10 - 111	06/15/24 03:27	
Tetrachloro-m-xylene	70	10 - 101	06/15/24 03:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**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	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 03:44	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 111	06/15/24 03:44	
Tetrachloro-m-xylene	73	10 - 101	06/15/24 03:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**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	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 04:02	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 111	06/15/24 04:02	
Tetrachloro-m-xylene	65	10 - 101	06/15/24 04:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**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	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 05:11	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 111	06/15/24 05:11	
Tetrachloro-m-xylene	63	10 - 101	06/15/24 05:11	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**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	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 06:21	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	64	10 - 111	06/15/24 06:21	
Tetrachloro-m-xylene	72	10 - 101	06/15/24 06:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**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	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 06:38	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	67	10 - 111	06/15/24 06:38	
Tetrachloro-m-xylene	70	10 - 101	06/15/24 06:38	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**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	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 06:56	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	58	10 - 111	06/15/24 06:56	
Tetrachloro-m-xylene	62	10 - 101	06/15/24 06:56	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**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	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 13:01	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	10 - 111	06/19/24 13:01	
Tetrachloro-m-xylene	58	10 - 101	06/19/24 13:01	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**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	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 13:19	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	62	10 - 111	06/19/24 13:19	
Tetrachloro-m-xylene	57	10 - 101	06/19/24 13:19	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**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	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 16:13	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	45	10 - 111	06/19/24 16:13	
Tetrachloro-m-xylene	59	10 - 101	06/19/24 16:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**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	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 16:30	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	32	10 - 111	06/19/24 16:30	
Tetrachloro-m-xylene	49	10 - 101	06/19/24 16:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**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	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 16:48	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 111	06/19/24 16:48	
Tetrachloro-m-xylene	50	10 - 101	06/19/24 16:48	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**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	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 17:05	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 111	06/19/24 17:05	
Tetrachloro-m-xylene	46	10 - 101	06/19/24 17:05	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**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	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 14:28	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	60	10 - 111	06/19/24 14:28	
Tetrachloro-m-xylene	58	10 - 101	06/19/24 14:28	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**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	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 14:46	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 111	06/19/24 14:46	
Tetrachloro-m-xylene	45	10 - 101	06/19/24 14:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**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	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 16:43	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	27	10 - 118	06/12/24 16:43	
Tetrachloro-m-xylene	65	10 - 103	06/12/24 16:43	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**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	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 21:20	6/10/24	
Aroclor 1232	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1242	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1248	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1254	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1260	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 118	06/14/24 21:20	
Tetrachloro-m-xylene	69	10 - 103	06/14/24 21:20	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**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	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 17:10	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 118	06/12/24 17:10	
Tetrachloro-m-xylene	73	10 - 103	06/12/24 17:10	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**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	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 21:33	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	60	10 - 118	06/14/24 21:33	
Tetrachloro-m-xylene	73	10 - 103	06/14/24 21:33	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**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	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 21:47	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	29	10 - 118	06/14/24 21:47	
Tetrachloro-m-xylene	77	10 - 103	06/14/24 21:47	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**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	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 22:14	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	34	10 - 118	06/14/24 22:14	
Tetrachloro-m-xylene	66	10 - 103	06/14/24 22:14	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**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	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 23:08	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	33	10 - 118	06/14/24 23:08	
Tetrachloro-m-xylene	69	10 - 103	06/14/24 23:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**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	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 23:49	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/14/24 23:49	
Tetrachloro-m-xylene	72	10 - 103	06/14/24 23:49	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**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	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 00:02	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 118	06/15/24 00:02	
Tetrachloro-m-xylene	71	10 - 103	06/15/24 00:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**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	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 00:16	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/15/24 00:16	
Tetrachloro-m-xylene	56	10 - 103	06/15/24 00:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**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	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 00:43	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 118	06/15/24 00:43	
Tetrachloro-m-xylene	59	10 - 103	06/15/24 00:43	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**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	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 00:56	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10 - 118	06/15/24 00:56	
Tetrachloro-m-xylene	60	10 - 103	06/15/24 00:56	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**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	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 01:50	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	35	10 - 118	06/15/24 01:50	
Tetrachloro-m-xylene	62	10 - 103	06/15/24 01:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**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	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 02:04	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 118	06/15/24 02:04	
Tetrachloro-m-xylene	51	10 - 103	06/15/24 02:04	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**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	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 02:17	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/15/24 02:17	
Tetrachloro-m-xylene	53	10 - 103	06/15/24 02:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**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	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 02:31	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 118	06/15/24 02:31	
Tetrachloro-m-xylene	48	10 - 103	06/15/24 02:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**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	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/13/24 22:59	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 118	06/13/24 22:59	
Tetrachloro-m-xylene	54	10 - 103	06/13/24 22:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**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	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/13/24 23:26	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 118	06/13/24 23:26	
Tetrachloro-m-xylene	44	10 - 103	06/13/24 23:26	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028

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: 8260C

Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
WG-TR1045-18A-410-060524-012-JA	R2405028-001	101	98	97
WG-TR1045-18A-410-060524-013-SG	R2405028-002	102	96	97
WG-TR1045-18A-410-060524-014-JA	R2405028-003	103	98	99
WG-TR1045-18A-410-060524-015-SG	R2405028-004	105	100	100
WG-TR1045-18A-410-060524-016-JA	R2405028-005	102	97	99
WG-TR1045-18A-410-060524-017-SG	R2405028-006	102	99	100
WG-TR1045-18A-410-060524-019-SG	R2405028-007	102	98	98
WG-TR1045-18A-410-060524-021-SG	R2405028-008	102	99	99
WG-TR1045-18A-410-060524-023-SG	R2405028-009	99	97	96
Trip Blank	R2405028-010	101	96	98
WG-TR1045-18A-410-060624-022-SG	R2405028-011	102	101	100
WG-TR1045-18A-410-060624-025-SG	R2405028-012	106	99	99
WG-TR1045-18A-410-060624-027-SG	R2405028-013	107	100	100
WG-TR1045-18A-410-060624-029-SG	R2405028-014	104	97	98
WG-TR1045-18A-410-060624-018-JA	R2405028-015	105	99	100
WG-TR1045-18A-410-060624-020-JA	R2405028-016	103	100	99
WG-TR1045-18A-410-060624-024-JA	R2405028-017	108	100	101
WG-TR1045-18A-410-060624-026-JA	R2405028-018	102	97	99
WG-TR1045-18A-410-060624-028-JA	R2405028-019	101	98	98
Lab Control Sample	RQ2406809-03	107	101	100
Method Blank	RQ2406809-04	103	99	100
Lab Control Sample	RQ2406865-03	104	98	98
Method Blank	RQ2406865-04	100	97	96
WG-TR1045-18A-410-060524-019-SG MS	RQ2406865-05	105	102	100
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406865-06	111	102	101

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/15/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406865-05			RQ2406865-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	5.0 U	52.7	50.0	105	55.8	50.0	112	74-127	6	30
1,1,2,2-Tetrachloroethane	5.0 U	48.3	50.0	97	51.0	50.0	102	72-122	5	30
1,1,2-Trichloroethane	5.0 U	50.6	50.0	101	53.1	50.0	106	82-121	5	30
1,1-Dichloroethane (1,1-DCA)	5.0 U	49.7	50.0	99	52.5	50.0	105	74-132	5	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	51.1	50.0	102	53.9	50.0	108	71-118	5	30
1,2-Dichloroethane	5.0 U	50.9	50.0	102	53.7	50.0	107	68-130	5	30
1,2-Dichloropropane	5.0 U	44.2	50.0	88	47.2	50.0	94	79-124	7	30
2-Butanone (MEK)	10 U	56.1	50.0	112	56.8	50.0	114	61-137	1	30
2-Hexanone	10 U	53.8	50.0	108	54.0	50.0	108	56-132	<1	30
4-Methyl-2-pentanone	10 U	54.0	50.0	108	54.7	50.0	109	60-141	1	30
Acetone	10 U	60.4	50.0	121	60.6	50.0	121	35-183	<1	30
Benzene	5.0 U	50.8	50.0	102	54.2	50.0	108	76-129	6	30
Bromodichloromethane	5.0 U	50.5	50.0	101	53.9	50.0	108	78-133	7	30
Bromoform	5.0 U	51.5	50.0	103	56.6	50.0	113	58-133	9	30
Bromomethane	5.0 U	14.8	50.0	30	17.0	50.0	34	10-184	14	30
Carbon Disulfide	10 U	47.0	50.0	94	46.4	50.0	93	59-140	1	30
Carbon Tetrachloride	5.0 U	47.6	50.0	95	50.7	50.0	101	65-135	6	30
Chlorobenzene	5.0 U	47.7	50.0	95	50.4	50.0	101	76-125	6	30
Chloroethane	5.0 U	47.7	50.0	95	46.8	50.0	94	48-146	2	30
Chloroform	5.0 U	50.7	50.0	101	53.5	50.0	107	75-130	6	30
Chloromethane	5.0 U	32.0	50.0	64	32.9	50.0	66	55-160	3	30
Dibromochloromethane	5.0 U	48.6	50.0	97	52.0	50.0	104	72-128	7	30
Dichloromethane	5.0 U	48.7	50.0	97	50.7	50.0	101	73-122	4	30
Ethylbenzene	5.0 U	48.4	50.0	97	51.8	50.0	104	72-134	7	30
Styrene	5.0 U	49.2	50.0	98	52.4	50.0	105	74-136	6	30
Tetrachloroethene (PCE)	5.0 U	48.3	50.0	97	51.1	50.0	102	72-125	6	30
Toluene	5.0 U	50.6	50.0	101	54.1	50.0	108	79-119	7	30
Trichloroethene (TCE)	5.0 U	50.9	50.0	102	53.7	50.0	107	74-122	5	30
Vinyl Acetate	10 U	71.1	50.0	142	68.6	50.0	137	48-172	4	30
Vinyl Chloride	5.0 U	45.6	50.0	91	47.9	50.0	96	74-159	5	30
Xylenes, Total	5.0 U	148	150	99	157	150	104	78-121	6	30
cis-1,2-Dichloroethene	5.0 U	50.9	50.0	102	53.1	50.0	106	77-127	4	30
cis-1,3-Dichloropropene	5.0 U	49.8	50.0	100	53.3	50.0	107	52-134	7	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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/15/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2406865-05			Duplicate Matrix Spike RQ2406865-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
trans-1,2-Dichloroethene	5.0 U	48.7	50.0	97	51.2	50.0	102	73-118	5	30
trans-1,3-Dichloropropene	5.0 U	49.8	50.0	100	53.6	50.0	107	71-133	7	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:**	R2405028
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:	RQ2406809-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 16:50	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 16:50	
2-Hexanone	10 U	10	0.20	1	06/13/24 16:50	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 16:50	
Acetone	10 U	10	5.0	1	06/13/24 16:50	
Benzene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 16:50	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 16:50	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 16:50	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 16:50	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 16:50	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 16:50	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 16:50	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 16:50	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Styrene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 16:50	
Toluene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 16:50	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 16:50	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 16:50	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 16:50	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 16:50	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 16:50	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 16:50	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 16:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406809-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/13/24 16:50	
Dibromofluoromethane	99	80 - 116	06/13/24 16:50	
Toluene-d8	100	87 - 121	06/13/24 16:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406809-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	6.9	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 22:32	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 22:32	
2-Hexanone	10 U	10	0.20	1	06/14/24 22:32	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 22:32	
Acetone	10 U	10	5.0	1	06/14/24 22:32	
Benzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 22:32	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 22:32	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 22:32	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 22:32	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 22:32	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 22:32	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 22:32	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 22:32	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Styrene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 22:32	
Toluene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 22:32	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 22:32	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 22:32	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 22:32	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 22:32	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 22:32	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 22:32	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 22:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/14/24 22:32	
Dibromofluoromethane	97	80 - 116	06/14/24 22:32	
Toluene-d8	96	87 - 121	06/14/24 22:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	7.5	J

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/13/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406809-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	17.5	20.0	88	75-125
1,1,2,2-Tetrachloroethane	8260C	17.5	20.0	87	78-126
1,1,2-Trichloroethane	8260C	17.9	20.0	90	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	17.5	20.0	87	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	16.1	20.0	80	69-142
1,2-Dichloroethane	8260C	18.6	20.0	93	71-127
1,2-Dichloropropane	8260C	16.5	20.0	82	80-119
2-Butanone (MEK)	8260C	19.2	20.0	96	61-137
2-Hexanone	8260C	18.1	20.0	91	63-124
4-Methyl-2-pentanone	8260C	18.6	20.0	93	66-124
Acetone	8260C	18.2	20.0	91	40-161
Benzene	8260C	17.5	20.0	88	79-119
Bromodichloromethane	8260C	18.1	20.0	91	81-123
Bromoform	8260C	19.0	20.0	95	65-146
Bromomethane	8260C	14.0	20.0	70	42-166
Carbon Disulfide	8260C	16.1	20.0	81	66-128
Carbon Tetrachloride	8260C	15.4	20.0	77	70-127
Chlorobenzene	8260C	16.7	20.0	84	80-121
Chloroethane	8260C	13.4	20.0	67	62-131
Chloroform	8260C	18.2	20.0	91	79-120
Chloromethane	8260C	14.0	20.0	70 *	72-179
Dibromochloromethane	8260C	17.4	20.0	87	72-128
Dichloromethane	8260C	17.8	20.0	89	73-122
Ethylbenzene	8260C	16.6	20.0	83	76-120
Styrene	8260C	17.8	20.0	89	80-124
Tetrachloroethene (PCE)	8260C	16.4	20.0	82	72-125
Toluene	8260C	17.4	20.0	87	79-119
Trichloroethene (TCE)	8260C	17.1	20.0	86	74-122
Vinyl Acetate	8260C	28.7	20.0	143	52-174
Vinyl Chloride	8260C	15.4	20.0	77	74-159
Xylenes, Total	8260C	51.5	60.0	86	78-121
cis-1,2-Dichloroethene	8260C	18.0	20.0	90	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/13/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406809-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	18.6	20.0	93	77-122
trans-1,2-Dichloroethene	8260C	16.7	20.0	84	73-118
trans-1,3-Dichloropropene	8260C	18.8	20.0	94	71-133

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/14/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406865-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	20.8	20.0	104	75-125
1,1,2,2-Tetrachloroethane	8260C	21.0	20.0	105	78-126
1,1,2-Trichloroethane	8260C	20.9	20.0	105	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	19.9	20.0	100	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	19.8	20.0	99	69-142
1,2-Dichloroethane	8260C	21.2	20.0	106	71-127
1,2-Dichloropropane	8260C	17.7	20.0	89	80-119
2-Butanone (MEK)	8260C	22.7	20.0	113	61-137
2-Hexanone	8260C	21.2	20.0	106	63-124
4-Methyl-2-pentanone	8260C	20.9	20.0	104	66-124
Acetone	8260C	22.8	20.0	114	40-161
Benzene	8260C	20.3	20.0	101	79-119
Bromodichloromethane	8260C	20.4	20.0	102	81-123
Bromoform	8260C	21.6	20.0	108	65-146
Bromomethane	8260C	12.4	20.0	62	42-166
Carbon Disulfide	8260C	16.3	20.0	82	66-128
Carbon Tetrachloride	8260C	18.4	20.0	92	70-127
Chlorobenzene	8260C	19.3	20.0	97	80-121
Chloroethane	8260C	15.5	20.0	78	62-131
Chloroform	8260C	20.9	20.0	104	79-120
Chloromethane	8260C	15.2	20.0	76	72-179
Dibromochloromethane	8260C	20.2	20.0	101	72-128
Dichloromethane	8260C	20.2	20.0	101	73-122
Ethylbenzene	8260C	19.7	20.0	99	76-120
Styrene	8260C	20.8	20.0	104	80-124
Tetrachloroethene (PCE)	8260C	19.3	20.0	97	72-125
Toluene	8260C	20.2	20.0	101	79-119
Trichloroethene (TCE)	8260C	20.3	20.0	101	74-122
Vinyl Acetate	8260C	27.9	20.0	140	52-174
Vinyl Chloride	8260C	17.9	20.0	89	74-159
Xylenes, Total	8260C	60.3	60.0	101	78-121
cis-1,2-Dichloroethene	8260C	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: R2405028
Date Analyzed: 06/14/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406865-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	21.3	20.0	107	77-122
trans-1,2-Dichloroethene	8260C	19.5	20.0	97	73-118
trans-1,3-Dichloropropene	8260C	21.7	20.0	109	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:** R2405028

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: 8270D

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-18A-410-060524-012-JA	R2405028-001	72	68	46
WG-TR1045-18A-410-060524-013-SG	R2405028-002	82	69	44
WG-TR1045-18A-410-060524-014-JA	R2405028-003	75	75	45
WG-TR1045-18A-410-060524-015-SG	R2405028-004	80	73	45
WG-TR1045-18A-410-060524-016-JA	R2405028-005	74	65	41
WG-TR1045-18A-410-060524-017-SG	R2405028-006	74	69	44
WG-TR1045-18A-410-060524-019-SG	R2405028-007	70	61	42
WG-TR1045-18A-410-060524-021-SG	R2405028-008	73	66	41
WG-TR1045-18A-410-060524-023-SG	R2405028-009	69	67	44
WG-TR1045-18A-410-060624-022-SG	R2405028-011	57	66	57
WG-TR1045-18A-410-060624-025-SG	R2405028-012	58	67	45
WG-TR1045-18A-410-060624-027-SG	R2405028-013	57	65	44
WG-TR1045-18A-410-060624-029-SG	R2405028-014	50	72	46
WG-TR1045-18A-410-060624-018-JA	R2405028-015	50	55	39
WG-TR1045-18A-410-060624-020-JA	R2405028-016	53	55	39
WG-TR1045-18A-410-060624-024-JA	R2405028-017	47	63	43
WG-TR1045-18A-410-060624-026-JA	R2405028-018	46	68	43
WG-TR1045-18A-410-060624-028-JA	R2405028-019	46	78	49
WG-TR1045-18A-410-060524-019-SG MS	RQ2406506-01	104	85	53
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406506-02	93	76	46
Method Blank	RQ2406506-03	81	69	49
Lab Control Sample	RQ2406506-04	98	78	51
Duplicate Lab Control Sample	RQ2406506-05	101	78	55

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028
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: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-18A-410-060524-012-JA	R2405028-001	71	31	77
WG-TR1045-18A-410-060524-013-SG	R2405028-002	71	29	98
WG-TR1045-18A-410-060524-014-JA	R2405028-003	73	31	90
WG-TR1045-18A-410-060524-015-SG	R2405028-004	73	31	99
WG-TR1045-18A-410-060524-016-JA	R2405028-005	66	29	88
WG-TR1045-18A-410-060524-017-SG	R2405028-006	71	29	88
WG-TR1045-18A-410-060524-019-SG	R2405028-007	64	27	84
WG-TR1045-18A-410-060524-021-SG	R2405028-008	68	28	96
WG-TR1045-18A-410-060524-023-SG	R2405028-009	70	29	96
WG-TR1045-18A-410-060624-022-SG	R2405028-011	74	54	69
WG-TR1045-18A-410-060624-025-SG	R2405028-012	71	29	93
WG-TR1045-18A-410-060624-027-SG	R2405028-013	70	29	92
WG-TR1045-18A-410-060624-029-SG	R2405028-014	79	30	90
WG-TR1045-18A-410-060624-018-JA	R2405028-015	60	25	87
WG-TR1045-18A-410-060624-020-JA	R2405028-016	60	27	96
WG-TR1045-18A-410-060624-024-JA	R2405028-017	68	27	89
WG-TR1045-18A-410-060624-026-JA	R2405028-018	70	30	84
WG-TR1045-18A-410-060624-028-JA	R2405028-019	80	34	95
WG-TR1045-18A-410-060524-019-SG MS	RQ2406506-01	88	39	104
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406506-02	76	33	91
Method Blank	RQ2406506-03	75	34	101
Lab Control Sample	RQ2406506-04	80	38	104
Duplicate Lab Control Sample	RQ2406506-05	83	41	106

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24
		Date Extracted:	06/10/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406506-01			RQ2406506-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	9.8 U	53.2	78.4	68	45.6	80.0	57	10-127	18	30
1,2-Dichlorobenzene	9.8 U	53.2	78.4	68	46.8	80.0	58	17-105	16	30
1,3-Dichlorobenzene	9.8 U	49.6	78.4	63	44.7	80.0	56	21-99	12	30
1,4-Dichlorobenzene	9.8 U	47.0	78.4	60	43.0	80.0	54	10-124	11	30
2,4,5-Trichlorophenol	9.8 U	75.0	78.4	96	68.6	80.0	86	48-134	11	30
2,4,6-Trichlorophenol	9.8 U	72.9	78.4	93	64.8	80.0	81	44-135	14	30
2,4-Dichlorophenol	9.8 U	68.9	78.4	88	59.8	80.0	75	40-130	16	30
2,4-Dimethylphenol	9.8 U	70.6	78.4	90	62.1	80.0	78	35-99	14	30
2,4-Dinitrophenol	49 U	32.2 J	78.4	41	23.4 J	80.0	29	21-168	34*	30
2,4-Dinitrotoluene	9.8 U	90.4	78.4	115	78.2	80.0	98	37-143	16	30
2,6-Dinitrotoluene	9.8 U	87.0	78.4	111	79.4	80.0	99	39-136	11	30
2-Chloronaphthalene	9.8 U	63.6	78.4	81	57.5	80.0	72	40-108	12	30
2-Chlorophenol	9.8 U	60.6	78.4	77	55.1	80.0	69	37-112	11	30
2-Methylnaphthalene	9.8 U	57.7	78.4	74	50.3	80.0	63	34-102	16	30
2-Methylphenol	9.8 U	62.2	78.4	79	53.9	80.0	67	37-102	16	30
2-Nitroaniline	9.8 U	87.9	78.4	112	76.1	80.0	95	40-136	16	30
2-Nitrophenol	9.8 U	70.3	78.4	90	61.4	80.0	77	27-143	16	30
3,3'-Dichlorobenzidine	9.8 U	55.0	78.4	70	49.8	80.0	62	11-131	12	30
3- and 4-Methylphenol Coelution	9.8 U	62.6	78.4	80	55.1	80.0	69	30-95	15	30
3-Nitroaniline	9.8 U	78.8	78.4	100	72.1	80.0	90	19-117	11	30
4,6-Dinitro-2-methylphenol	49 U	59.8	78.4	76	52.9	80.0	66	25-154	14	30
4-Bromophenyl Phenyl Ether	9.8 U	69.9	78.4	89	61.0	80.0	76	39-115	16	30
4-Chloro-3-methylphenol	9.8 U	71.8	78.4	92	62.1	80.0	78	41-126	16	30
4-Chloroaniline	9.8 U	69.4	78.4	88	62.5	80.0	78	19-111	12	30
4-Chlorophenyl Phenyl Ether	9.8 U	65.7	78.4	84	59.5	80.0	74	41-111	13	30
4-Nitroaniline	9.8 U	85.2	78.4	109	74.2	80.0	93	18-143	16	30
4-Nitrophenol	49 U	31.5 J	78.4	40	26.8 J	80.0	33	10-126	19	30
Acenaphthene	9.8 U	69.3	78.4	88	61.8	80.0	77	43-117	13	30
Acenaphthylene	9.8 U	72.9	78.4	93	64.2	80.0	80	45-119	15	30
Anthracene	9.8 U	77.7	78.4	99	69.9	80.0	87	45-127	13	30
Benz(a)anthracene	9.8 U	79.9	78.4	102	70.7	80.0	88	46-126	15	30
Benzo(a)pyrene	9.8 U	82.4	78.4	105	72.4	80.0	90	44-114	15	30
Benzo(b)fluoranthene	9.8 U	77.3	78.4	99	67.5	80.0	84	41-127	16	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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24
		Date Extracted:	06/10/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike RQ2406506-01			Duplicate Matrix Spike RQ2406506-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	9.8 U	78.4	78.4	100	69.9	80.0	87	50-143	14	30
Benzo(k)fluoranthene	9.8 U	80.6	78.4	103	72.6	80.0	91	46-139	12	30
Benzoic Acid	49 U	56.2	78.4	72	46.9 J	80.0	59	10-94	20	30
Benzyl Alcohol	9.8 U	62.0	78.4	79	57.1	80.0	71	31-109	11	30
2,2'-Oxybis(1-chloropropane)	9.8 U	66.9	78.4	85	61.2	80.0	76	21-126	11	30
Bis(2-chloroethoxy)methane	9.8 U	75.8	78.4	97	66.2	80.0	83	41-118	16	30
Bis(2-chloroethyl) Ether	9.8 U	67.1	78.4	86	60.0	80.0	75	33-108	14	30
Bis(2-ethylhexyl) Phthalate	9.8 U	76.6	78.4	98	66.9	80.0	84	41-132	15	30
Butyl Benzyl Phthalate	9.8 U	75.0	78.4	96	65.8	80.0	82	41-148	16	30
Chrysene	9.8 U	79.5	78.4	101	69.6	80.0	87	47-126	15	30
Di-n-butyl Phthalate	9.8 U	75.9	78.4	97	67.5	80.0	84	43-130	14	30
Di-n-octyl Phthalate	9.8 U	77.5	78.4	99	66.3	80.0	83	40-139	18	30
Dibenz(a,h)anthracene	9.8 U	75.1	78.4	96	66.5	80.0	83	43-136	15	30
Dibenzofuran	9.8 U	71.1	78.4	91	62.9	80.0	79	46-119	14	30
Diethyl Phthalate	9.8 U	79.7	78.4	102	71.4	80.0	89	36-122	14	30
Dimethyl Phthalate	9.8 U	78.4	78.4	100	70.5	80.0	88	33-123	13	30
Fluoranthene	9.8 U	79.7	78.4	102	72.1	80.0	90	43-135	13	30
Fluorene	9.8 U	72.7	78.4	93	64.7	80.0	81	43-113	14	30
Hexachlorobenzene	9.8 U	68.2	78.4	87	60.4	80.0	76	42-125	13	30
Hexachlorobutadiene	9.8 U	53.4	78.4	68	45.0	80.0	56	10-111	19	30
Hexachlorocyclopentadiene	9.8 U	31.9	78.4	41	27.6	80.0	34	10-103	19	30
Hexachloroethane	9.8 U	47.8	78.4	61	43.9	80.0	55	12-101	10	30
Indeno(1,2,3-cd)pyrene	9.8 U	73.5	78.4	94	66.4	80.0	83	49-140	12	30
Isophorone	9.8 U	68.2	78.4	87	59.8	80.0	75	40-111	15	30
N-Nitrosodi-n-propylamine	9.8 U	70.1	78.4	89	63.0	80.0	79	35-108	12	30
N-Nitrosodiphenylamine	9.8 U	80.9	78.4	103	73.0	80.0	91	43-127	12	30
Naphthalene	9.8 U	58.4	78.4	74	51.0	80.0	64	37-108	14	30
Nitrobenzene	9.8 U	69.3	78.4	88	61.1	80.0	76	35-112	15	30
Pentachlorophenol (PCP)	49 U	45.1 J	78.4	57	36.6 J	80.0	46	29-164	21	30
Phenanthrene	9.8 U	75.3	78.4	96	67.5	80.0	84	46-123	13	30
Phenol	9.8 U	33.3	78.4	43	28.6	80.0	36	10-113	18	30
Pyrene	9.8 U	78.8	78.4	101	68.9	80.0	86	44-129	16	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:**	R2405028
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:	RQ2406506-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 18:07	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 18:07	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 18:07	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 18:07	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 18:07	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 18:07	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 18:07	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 18:07	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 18:07	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 18:07	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 18:07	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 18:07	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 18:07	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 18:07	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 18:07	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 18:07	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406506-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 18:07	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 18:07	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 18:07	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 18:07	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 18:07	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 18:07	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 18:07	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 18:07	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 18:07	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 18:07	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 18:07	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 18:07	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	81	31 - 133	06/12/24 18:07	
2-Fluorobiphenyl	69	25 - 99	06/12/24 18:07	
2-Fluorophenol	49	15 - 72	06/12/24 18:07	
Nitrobenzene-d5	75	22 - 104	06/12/24 18:07	
Phenol-d6	34	10 - 55	06/12/24 18:07	
p-Terphenyl-d14	101	10 - 143	06/12/24 18:07	

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: R2405028
Date Analyzed: 06/12/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406506-04			RQ2406506-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270D	47.9	80.0	60	54.6	80.0	68	26-85	13	30
1,2-Dichlorobenzene	8270D	46.6	80.0	58	55.7	80.0	70	20-85	19	30
1,3-Dichlorobenzene	8270D	45.3	80.0	57	51.9	80.0	65	18-83	13	30
1,4-Dichlorobenzene	8270D	42.2	80.0	53	50.7	80.0	63	18-82	17	30
2,4,5-Trichlorophenol	8270D	71.3	80.0	89	76.1	80.0	95	55-114	7	30
2,4,6-Trichlorophenol	8270D	69.4	80.0	87	72.3	80.0	90	49-103	3	30
2,4-Dichlorophenol	8270D	64.2	80.0	80	68.0	80.0	85	43-101	6	30
2,4-Dimethylphenol	8270D	69.2	80.0	87	69.9	80.0	87	45-129	<1	30
2,4-Dinitrophenol	8270D	56.9	80.0	71	65.4	80.0	82	14-129	14	30
2,4-Dinitrotoluene	8270D	82.8	80.0	103	87.8	80.0	110	58-124	7	30
2,6-Dinitrotoluene	8270D	79.6	80.0	100	84.6	80.0	106	62-126	6	30
2-Chloronaphthalene	8270D	55.4	80.0	69	60.7	80.0	76	38-97	10	30
2-Chlorophenol	8270D	56.8	80.0	71	62.3	80.0	78	33-93	9	30
2-Methylnaphthalene	8270D	51.5	80.0	64	55.9	80.0	70	35-94	9	30
2-Methylphenol	8270D	57.8	80.0	72	64.9	80.0	81	41-97	12	30
2-Nitroaniline	8270D	79.0	80.0	99	83.6	80.0	105	56-122	6	30
2-Nitrophenol	8270D	66.0	80.0	83	69.4	80.0	87	36-101	5	30
3,3'-Dichlorobenzidine	8270D	51.5	80.0	64	55.5	80.0	69	37-130	8	30
3- and 4-Methylphenol Coelution	8270D	58.9	80.0	74	63.1	80.0	79	40-92	7	30
3-Nitroaniline	8270D	75.4	80.0	94	78.8	80.0	99	52-115	5	30
4,6-Dinitro-2-methylphenol	8270D	59.4	80.0	74	64.2	80.0	80	31-119	8	30
4-Bromophenyl Phenyl Ether	8270D	61.4	80.0	77	66.3	80.0	83	54-123	8	30
4-Chloro-3-methylphenol	8270D	68.1	80.0	85	70.4	80.0	88	52-104	3	30
4-Chloroaniline	8270D	67.4	80.0	84	73.8	80.0	92	43-113	9	30
4-Chlorophenyl Phenyl Ether	8270D	57.7	80.0	72	63.0	80.0	79	52-113	9	30
4-Nitroaniline	8270D	77.9	80.0	97	81.8	80.0	102	54-118	5	30
4-Nitrophenol	8270D	29.3 J	80.0	37	34.0 J	80.0	43	16-64	15	30
Acenaphthene	8270D	59.0	80.0	74	63.6	80.0	79	46-103	7	30
Acenaphthylene	8270D	62.7	80.0	78	67.5	80.0	84	51-114	7	30
Anthracene	8270D	71.0	80.0	89	74.7	80.0	93	61-115	4	30
Benz(a)anthracene	8270D	73.1	80.0	91	76.2	80.0	95	60-110	4	30
Benzo(a)pyrene	8270D	73.0	80.0	91	76.2	80.0	95	68-137	4	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/12/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406506-04			RQ2406506-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	72.0	80.0	90	75.4	80.0	94	59-114	4	30
Benzo(g,h,i)perylene	8270D	73.5	80.0	92	75.2	80.0	94	60-123	2	30
Benzo(k)fluoranthene	8270D	74.7	80.0	93	80.2	80.0	100	62-122	7	30
Benzoic Acid	8270D	68.8	80.0	86	72.9	80.0	91	10-110	6	30
Benzyl Alcohol	8270D	61.6	80.0	77	64.9	80.0	81	46-106	5	30
2,2'-Oxybis(1-chloropropane)	8270D	61.9	80.0	77	68.1	80.0	85	32-104	10	30
Bis(2-chloroethoxy)methane	8270D	71.7	80.0	90	75.2	80.0	94	55-126	4	30
Bis(2-chloroethyl) Ether	8270D	60.4	80.0	75	66.7	80.0	83	36-101	10	30
Bis(2-ethylhexyl) Phthalate	8270D	73.3	80.0	92	78.6	80.0	98	51-132	6	30
Butyl Benzyl Phthalate	8270D	67.7	80.0	85	73.4	80.0	92	54-122	8	30
Chrysene	8270D	74.4	80.0	93	76.0	80.0	95	64-116	2	30
Di-n-butyl Phthalate	8270D	72.2	80.0	90	77.2	80.0	97	61-147	7	30
Di-n-octyl Phthalate	8270D	71.7	80.0	90	78.8	80.0	99	43-139	10	30
Dibenz(a,h)anthracene	8270D	70.8	80.0	88	74.7	80.0	93	34-140	6	30
Dibenzofuran	8270D	61.4	80.0	77	66.9	80.0	84	50-107	9	30
Diethyl Phthalate	8270D	74.0	80.0	92	78.8	80.0	98	57-113	6	30
Dimethyl Phthalate	8270D	74.1	80.0	93	77.5	80.0	97	64-114	4	30
Fluoranthene	8270D	71.1	80.0	89	73.9	80.0	92	58-129	3	30
Fluorene	8270D	64.5	80.0	81	68.4	80.0	86	54-111	6	30
Hexachlorobenzene	8270D	63.4	80.0	79	66.3	80.0	83	54-122	5	30
Hexachlorobutadiene	8270D	47.0	80.0	59	54.6	80.0	68	25-89	14	30
Hexachlorocyclopentadiene	8270D	30.4	80.0	38	35.6	80.0	45	10-71	17	30
Hexachloroethane	8270D	43.1	80.0	54	52.4	80.0	65	16-81	18	30
Indeno(1,2,3-cd)pyrene	8270D	69.9	80.0	87	71.2	80.0	89	54-119	2	30
Isophorone	8270D	63.7	80.0	80	65.7	80.0	82	51-108	2	30
N-Nitrosodi-n-propylamine	8270D	63.7	80.0	80	70.8	80.0	89	44-101	11	30
N-Nitrosodiphenylamine	8270D	75.4	80.0	94	79.3	80.0	99	65-126	5	30
Naphthalene	8270D	53.1	80.0	66	58.8	80.0	74	32-91	11	30
Nitrobenzene	8270D	65.1	80.0	81	67.2	80.0	84	39-100	4	30
Pentachlorophenol (PCP)	8270D	51.9	80.0	65	57.2	80.0	72	11-154	10	30
Phenanthrene	8270D	70.2	80.0	88	72.7	80.0	91	60-111	3	30
Phenol	8270D	32.9	80.0	41	35.8	80.0	45	10-67	9	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/12/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406506-04			RQ2406506-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	70.2	80.0	88	74.4	80.0	93	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:** R2405028

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-TR1045-18A-410-060524-012-JA	R2405028-001	34	63
WG-TR1045-18A-410-060524-013-SG	R2405028-002	56	65
WG-TR1045-18A-410-060524-014-JA	R2405028-003	70	73
WG-TR1045-18A-410-060524-015-SG	R2405028-004	81	70
WG-TR1045-18A-410-060524-016-JA	R2405028-005	40	73
WG-TR1045-18A-410-060524-017-SG	R2405028-006	42	65
WG-TR1045-18A-410-060524-019-SG	R2405028-007	39	63
WG-TR1045-18A-410-060524-021-SG	R2405028-008	64	72
WG-TR1045-18A-410-060524-023-SG	R2405028-009	67	70
WG-TR1045-18A-410-060624-022-SG	R2405028-011	58	62
WG-TR1045-18A-410-060624-025-SG	R2405028-012	53	58
WG-TR1045-18A-410-060624-027-SG	R2405028-013	62	57
WG-TR1045-18A-410-060624-029-SG	R2405028-014	45	59
WG-TR1045-18A-410-060624-018-JA	R2405028-015	32	49
WG-TR1045-18A-410-060624-020-JA	R2405028-016	54	50
WG-TR1045-18A-410-060624-024-JA	R2405028-017	49	46
WG-TR1045-18A-410-060624-026-JA	R2405028-018	60	58
WG-TR1045-18A-410-060624-028-JA	R2405028-019	54	45
Method Blank	RQ2406510-01	41	69
Method Blank	RQ2406510-01	39	64
Lab Control Sample	RQ2406510-02	65	68
Lab Control Sample	RQ2406510-02	68	67
Duplicate Lab Control Sample	RQ2406510-03	66	62
Duplicate Lab Control Sample	RQ2406510-03	66	63
WG-TR1045-18A-410-060524-019-SG MS	RQ2406530-01	49	70
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406530-02	36	60
Method Blank	RQ2406530-05	51	55
Lab Control Sample	RQ2406530-06	60	66
Duplicate Lab Control Sample	RQ2406530-07	51	64
Method Blank	RQ2406568-01	63	53
Method Blank	RQ2406568-01	61	48
Lab Control Sample	RQ2406568-02	56	58
Lab Control Sample	RQ2406568-02	61	56
Duplicate Lab Control Sample	RQ2406568-03	54	61
Duplicate Lab Control Sample	RQ2406568-03	52	54

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/15/24
		Date Extracted:	06/10/24

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8081B		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406530-01			RQ2406530-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	0.050 U	0.313	0.400	78	0.263	0.400	66	38-157	17	30
4,4'-DDE	0.050 U	0.317	0.400	79	0.336	0.400	84	10-200	6	30
4,4'-DDT	0.050 U	0.248	0.400	62	0.221	0.400	55	19-154	12	30
Aldrin	0.050 U	0.314	0.400	78	0.269	0.400	67	26-149	15	30
Dieldrin	0.050 U	0.340	0.400	85	0.317	0.400	79	41-164	7	30
Endosulfan I	0.050 U	0.330	0.400	82	0.294	0.400	74	47-149	11	30
Endosulfan II	0.050 U	0.327	0.400	82	0.295	0.400	74	51-148	10	30
Endosulfan Sulfate	0.050 U	0.241	0.400	60	0.153	0.400	38	10-170	44*	30
Endrin	0.050 U	0.317	0.400	79	0.307	0.400	77	48-165	3	30
Endrin Ketone	0.050 U	0.335	0.400	84	0.311	0.400	78	48-162	8	30
Heptachlor	0.050 U	0.318	0.400	79	0.285	0.400	71	29-168	11	30
Heptachlor Epoxide	0.050 U	0.367	0.400	92	0.330	0.400	82	29-180	11	30
Methoxychlor	0.050 U	0.278	0.400	70	0.265	0.400	66	38-162	5	30
alpha-BHC	0.050 U	0.349	0.400	87	0.295	0.400	74	27-154	17	30
alpha-Chlordane	0.050 U	0.334	0.400	84	0.294	0.400	74	35-160	13	30
beta-BHC	0.050 U	0.369	0.400	92	0.328	0.400	82	32-184	12	30
delta-BHC	0.050 U	0.275	0.400	69	0.181	0.400	45	10-182	41*	30
gamma-BHC (Lindane)	0.050 U	0.342	0.400	85	0.284	0.400	71	43-164	18	30
gamma-Chlordane	0.050 U	0.339	0.400	85	0.313	0.400	78	35-165	8	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:**	R2405028
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:	RQ2406510-01	**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	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 20:49	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406510-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	41	10 - 111	06/14/24 20:49	
Tetrachloro-m-xylene	68	10 - 101	06/14/24 20:49	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406510-01	**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	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 00:51	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406510-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 111	06/15/24 00:51	
Tetrachloro-m-xylene	64	10 - 101	06/15/24 00:51	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406530-05	**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	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 04:19	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 111	06/15/24 04:19	
Tetrachloro-m-xylene	55	10 - 101	06/15/24 04:19	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**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	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 13:36	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	63	10 - 111	06/19/24 13:36	
Tetrachloro-m-xylene	52	10 - 101	06/19/24 13:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**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	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 15:03	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	61	10 - 111	06/19/24 15:03	
Tetrachloro-m-xylene	48	10 - 101	06/19/24 15:03	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/15/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406510-02			RQ2406510-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.389	0.400	97	0.394	0.400	99	38-116	1	30
4,4'-DDE	8081B	0.373	0.400	93	0.366	0.400	92	40-107	2	30
4,4'-DDT	8081B	0.402	0.400	100	0.395	0.400	99	41-121	2	30
Aldrin	8081B	0.279	0.400	70	0.238	0.400	60	27-85	16	30
Dieldrin	8081B	0.396	0.400	99	0.392	0.400	98	45-112	<1	30
Endosulfan I	8081B	0.358	0.400	90	0.359	0.400	90	44-111	<1	30
Endosulfan II	8081B	0.396	0.400	99	0.374	0.400	94	44-114	6	30
Endosulfan Sulfate	8081B	0.401	0.400	100	0.397	0.400	99	38-119	1	30
Endrin	8081B	0.449	0.400	112	0.442	0.400	110	47-116	2	30
Endrin Ketone	8081B	0.403	0.400	101	0.406	0.400	102	44-120	<1	30
Heptachlor	8081B	0.346	0.400	86	0.305	0.400	76	33-99	12	30
Heptachlor Epoxide	8081B	0.403	0.400	101	0.404	0.400	101	46-111	<1	30
Methoxychlor	8081B	0.389	0.400	97	0.453	0.400	113	29-138	15	30
alpha-BHC	8081B	0.380	0.400	95	0.385	0.400	96	39-107	1	30
alpha-Chlordane	8081B	0.376	0.400	94	0.367	0.400	92	44-107	3	30
beta-BHC	8081B	0.389	0.400	97	0.395	0.400	99	47-110	1	30
delta-BHC	8081B	0.401	0.400	100	0.406	0.400	102	43-109	1	30
gamma-BHC (Lindane)	8081B	0.388	0.400	97	0.379	0.400	95	41-105	2	30
gamma-Chlordane	8081B	0.384	0.400	96	0.372	0.400	93	41-107	3	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/15/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406530-06			RQ2406530-07					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.313	0.400	78	0.327	0.400	82	38-116	4	30
4,4'-DDE	8081B	0.350	0.400	87	0.338	0.400	84	40-107	4	30
4,4'-DDT	8081B	0.261	0.400	65	0.289	0.400	72	41-121	10	30
Aldrin	8081B	0.280	0.400	70	0.279	0.400	70	27-85	<1	30
Dieldrin	8081B	0.346	0.400	86	0.350	0.400	88	45-112	1	30
Endosulfan I	8081B	0.320	0.400	80	0.318	0.400	80	44-111	<1	30
Endosulfan II	8081B	0.326	0.400	82	0.332	0.400	83	44-114	2	30
Endosulfan Sulfate	8081B	0.267	0.400	67	0.317	0.400	79	38-119	17	30
Endrin	8081B	0.327	0.400	82	0.321	0.400	80	47-116	2	30
Endrin Ketone	8081B	0.346	0.400	87	0.355	0.400	89	44-120	2	30
Heptachlor	8081B	0.291	0.400	73	0.288	0.400	72	33-99	1	30
Heptachlor Epoxide	8081B	0.343	0.400	86	0.348	0.400	87	46-111	1	30
Methoxychlor	8081B	0.267	0.400	67	0.298	0.400	75	29-138	11	30
alpha-BHC	8081B	0.352	0.400	88	0.353	0.400	88	39-107	<1	30
alpha-Chlordane	8081B	0.336	0.400	84	0.329	0.400	82	44-107	2	30
beta-BHC	8081B	0.357	0.400	89	0.353	0.400	88	47-110	<1	30
delta-BHC	8081B	0.294	0.400	74	0.343	0.400	86	43-109	15	30
gamma-BHC (Lindane)	8081B	0.345	0.400	86	0.351	0.400	88	41-105	2	30
gamma-Chlordane	8081B	0.342	0.400	85	0.346	0.400	87	41-107	1	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/19/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406568-02			RQ2406568-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.329	0.400	82	0.301	0.400	75	38-116	9	30
4,4'-DDE	8081B	0.326	0.400	82	0.342	0.400	85	40-107	5	30
4,4'-DDT	8081B	0.333	0.400	83	0.306	0.400	77	41-121	8	30
Aldrin	8081B	0.230	0.400	57	0.230	0.400	57	27-85	<1	30
Dieldrin	8081B	0.338	0.400	85	0.332	0.400	83	45-112	2	30
Endosulfan I	8081B	0.306	0.400	77	0.307	0.400	77	44-111	<1	30
Endosulfan II	8081B	0.321	0.400	80	0.313	0.400	78	44-114	2	30
Endosulfan Sulfate	8081B	0.261	0.400	65	0.176	0.400	44	38-119	39*	30
Endrin	8081B	0.383	0.400	96	0.378	0.400	94	47-116	1	30
Endrin Ketone	8081B	0.342	0.400	85	0.352	0.400	88	44-120	3	30
Heptachlor	8081B	0.290	0.400	73	0.283	0.400	71	33-99	3	30
Heptachlor Epoxide	8081B	0.351	0.400	88	0.347	0.400	87	46-111	1	30
Methoxychlor	8081B	0.419	0.400	105	0.413	0.400	103	29-138	1	30
alpha-BHC	8081B	0.326	0.400	81	0.313	0.400	78	39-107	4	30
alpha-Chlordane	8081B	0.315	0.400	79	0.310	0.400	77	44-107	2	30
beta-BHC	8081B	0.336	0.400	84	0.335	0.400	84	47-110	<1	30
delta-BHC	8081B	0.267	0.400	67	0.194	0.400	48	43-109	32*	30
gamma-BHC (Lindane)	8081B	0.314	0.400	79	0.298	0.400	75	41-105	5	30
gamma-Chlordane	8081B	0.320	0.400	80	0.316	0.400	79	41-107	1	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028

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-TR1045-18A-410-060524-012-JA	R2405028-001	27	65
WG-TR1045-18A-410-060524-013-SG	R2405028-002	44	69
WG-TR1045-18A-410-060524-014-JA	R2405028-003	51	73
WG-TR1045-18A-410-060524-015-SG	R2405028-004	60	73
WG-TR1045-18A-410-060524-016-JA	R2405028-005	29	77
WG-TR1045-18A-410-060524-017-SG	R2405028-006	34	66
WG-TR1045-18A-410-060524-019-SG	R2405028-007	33	69
WG-TR1045-18A-410-060524-021-SG	R2405028-008	49	72
WG-TR1045-18A-410-060524-023-SG	R2405028-009	54	71
WG-TR1045-18A-410-060624-022-SG	R2405028-011	49	56
WG-TR1045-18A-410-060624-025-SG	R2405028-012	48	59
WG-TR1045-18A-410-060624-027-SG	R2405028-013	52	60
WG-TR1045-18A-410-060624-029-SG	R2405028-014	35	62
WG-TR1045-18A-410-060624-018-JA	R2405028-015	28	51
WG-TR1045-18A-410-060624-020-JA	R2405028-016	49	53
WG-TR1045-18A-410-060624-024-JA	R2405028-017	44	48
WG-TR1045-18A-410-060624-026-JA	R2405028-018	42	54
WG-TR1045-18A-410-060624-028-JA	R2405028-019	39	44
Method Blank	RQ2406510-01	30	69
Method Blank	RQ2406510-01	28	65
Lab Control Sample	RQ2406510-04	52	76
Lab Control Sample	RQ2406510-04	49	73
Duplicate Lab Control Sample	RQ2406510-05	51	64
Duplicate Lab Control Sample	RQ2406510-05	47	65
WG-TR1045-18A-410-060524-019-SG MS	RQ2406530-03	38	73
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406530-04	36	68
Method Blank	RQ2406530-05	40	59
Lab Control Sample	RQ2406530-08	56	67
Duplicate Lab Control Sample	RQ2406530-09	51	61
Method Blank	RQ2406568-01	47	52
Method Blank	RQ2406568-01	46	51
Lab Control Sample	RQ2406568-04	56	60
Lab Control Sample	RQ2406568-04	58	60
Duplicate Lab Control Sample	RQ2406568-05	48	51
Duplicate Lab Control Sample	RQ2406568-05	48	49

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/14/24
		Date Extracted:	06/10/24

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406530-03			RQ2406530-04					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	1.0 U	3.53	4.00	88	3.50	4.00	87	32-142	<1	30
Aroclor 1260	1.0 U	3.12	4.00	78	3.22	4.00	81	28-142	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:**	R2405028
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:	RQ2406510-01	**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	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 12:53	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	30	10 - 118	06/12/24 12:53	
Tetrachloro-m-xylene	64	10 - 103	06/12/24 12:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406510-01	**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	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 19:45	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 118	06/14/24 19:45	
Tetrachloro-m-xylene	65	10 - 103	06/14/24 19:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406530-05	**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	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 22:27	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 118	06/14/24 22:27	
Tetrachloro-m-xylene	59	10 - 103	06/14/24 22:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**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	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/13/24 21:24	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 118	06/13/24 21:24	
Tetrachloro-m-xylene	51	10 - 103	06/13/24 21:24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**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	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 01:10	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	46	10 - 118	06/15/24 01:10	
Tetrachloro-m-xylene	51	10 - 103	06/15/24 01:10	

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: R2405028
Date Analyzed: 06/14/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406510-04			RQ2406510-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.89	4.00	97	3.75	4.00	94	35-131	4	30
Aroclor 1260	8082A	3.52	4.00	88	3.33	4.00	83	37-141	5	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: R2405028
Date Analyzed: 06/14/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample RQ2406530-08			Duplicate Lab Control Sample RQ2406530-09					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.81	4.00	95	3.63	4.00	91	35-131	5	30
Aroclor 1260	8082A	3.16	4.00	79	3.16	4.00	79	37-141	<1	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: R2405028
Date Analyzed: 06/15/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample RQ2406568-04			Duplicate Lab Control Sample RQ2406568-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.47	4.00	87	3.28	4.00	82	35-131	6	30
Aroclor 1260	8082A	3.08	4.00	77	2.88	4.00	72	37-141	7	30

June 24, 2024 Service Request No:R2405028

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 07, 2024
For your reference, these analyses have been assigned our service request number **R2405028.**

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. **Service Request:** R2405028
Project: Love Canal:292-402-D02-3100 **Date Received:** 06/07/2024
Sample Matrix: Water

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:

Nineteen water samples were received for analysis at ALS Environmental on 06/07/2024. 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:

The RPD between the LCS and the LCSD was greater than the RPD limit. The percent recovery limit was met for both the LCS and the LCSD.

Method 8081B, 06/15/2024: The upper control criterion was exceeded for one or more analytes in the Duplicate Laboratory Control Sample (DLCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.
The RPD between the MS and the MSD was greater than the RPD limit. The percent recovery limit was met for both the MS and the MSD.
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 8082A: 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 8260C, 06/15/2024: 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 8260C, 06/15/2024: 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 06/24/2024

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

R2405028-001	WG-TR1045-18A-410-060524-012-JA	6/5/2024	1005
R2405028-002	WG-TR1045-18A-410-060524-013-SG	6/5/2024	0920
R2405028-003	WG-TR1045-18A-410-060524-014-JA	6/5/2024	1135
R2405028-004	WG-TR1045-18A-410-060524-015-SG	6/5/2024	1035
R2405028-005	WG-TR1045-18A-410-060524-016-JA	6/5/2024	1445
R2405028-006	WG-TR1045-18A-410-060524-017-SG	6/5/2024	1145
R2405028-007	WG-TR1045-18A-410-060524-019-SG	6/5/2024	1310
R2405028-008	WG-TR1045-18A-410-060524-021-SG	6/5/2024	1450
R2405028-009	WG-TR1045-18A-410-060524-023-SG	6/5/2024	1450
R2405028-010	Trip Blank	6/5/2024	
R2405028-011	WG-TR1045-18A-410-060624-022-SG	6/6/2024	1020
R2405028-012	WG-TR1045-18A-410-060624-025-SG	6/6/2024	0855
R2405028-013	WG-TR1045-18A-410-060624-027-SG	6/6/2024	1140
R2405028-014	WG-TR1045-18A-410-060624-029-SG	6/6/2024	1300
R2405028-015	WG-TR1045-18A-410-060624-018-JA	6/6/2024	0930
R2405028-016	WG-TR1045-18A-410-060624-020-JA	6/6/2024	1020
R2405028-017	WG-TR1045-18A-410-060624-024-JA	6/6/2024	1215
R2405028-018	WG-TR1045-18A-410-060624-026-JA	6/6/2024	1350
R2405028-019	WG-TR1045-18A-410-060624-028-JA	6/6/2024	1350

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY:

DATE: 06/06/24
PAGE: 1 OF 3

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Bucior, & Dennis Hoyt
ADDRESS: 805 97th Street
CITY: Niagara Falls STATE: NY ZIP: 14304
TEL: 716-969-5567 Fax:

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)
PROJECT CONTACT: Christa Bucior & Dennis Hoyt
E-MAIL: christa.bucior@geosyntec.com; dhoyt@geosyntec.com

P.O. NO.: 292-402-D02-3100
SAMPLER(S): (PRINT) Shawn Gardner

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	Field Filtered	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 6260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060524-012-JA	6/5/2024	10:05	WG	3		X					X			
	WG-TR1045-18A-410-060524--012-JA	6/5/2024	10:05	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-013-SG	6/5/2024	9:20	WG	3		X					X			
	WG-TR1045-18A-410-060524-013-SG	6/5/2024	9:20	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-014-JA	6/5/2024	11:35	WG	3		X					X			
	WG-TR1045-18A-410-060524-014-JA	6/5/2024	11:35	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524--015-SG	6/5/2024	10:35	WG	3		X					X			
	WG-TR1045-18A-410-060524-015-SG	6/5/2024	10:35	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-016-JA	6/5/2024	14:45	WG	3		X					X			
	WG-TR1045-18A-410-060524-016-JA	6/5/2024	14:45	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-017-SG	6/5/2024	11:45	WG	3		X					X			
	WG-TR1045-18A-410-060524-017-SG	6/5/2024	11:45	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-019-SG	6/5/2024	13:10	WG	9		X					X			X
	WG-TR1045-18A-410-060524-019-SG	6/5/2024	13:10	WG	12	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	6/6/24	1500	Sarah S		6/7/24	1640

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY:

DATE: 06/06/24
PAGE: 2 OF 3

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Bucior, & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-969-5567 Fax:

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

PROJECT CONTACT: Christa Bucior & Dennis Hoyt

E-MAIL: christa.bucior@geosyntec.com dhoyt@geosyntec.com

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

SAMPLER(S): (PRINT) Shawn Gardner

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	Field Filtered	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060524-021-SG	6/5/2024	14:50	WG	3		X					X			
	WG-TR1045-18A-410-060524-021-SG	6/5/2024	14:50	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060524-023-SG	6/5/2024	14:50	WG	3		X					X			
	WG-TR1045-18A-410-060524-023-SG	6/5/2024	14:50	WG	4	X			X	X	X				
	TRIPBLANK	6/5/2024		WGQ	2		X					X			
	WG-TR1045-18A-410-060624-022-SG	6/6/2024	10:20	WG	3		X					X			
	WG-TR1045-18A-410-060624-022-SG	6/6/2024	10:20	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-025-SG	6/6/2024	8:55	WG	3		X					X			
	WG-TR1045-18A-410-060624-025-SG	6/6/2024	8:55	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-027-SG	6/6/2024	11:40	WG	3		X					X			
	WG-TR1045-18A-410-060624-027-SG	6/6/2024	11:40	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-029-SG	6/6/2024	13:00	WG	3		X					X			
	WG-TR1045-18A-410-060624-029-SG	6/6/2024	13:00	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-018-JA	6/6/2024	9:30	WG	3		X					X			

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
SHAWN GARDNER	Shawn Gardner	6/6/24	1500	Sarah S		6/7/24	1640

R2405028 5
GHD Services Inc.
Love Canal:292-402-D02-3100

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY:

DATE: 06/06/24
PAGE: 3 OF 3

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Bucior, & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-969-5567 Fax:

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

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E-MAIL: christa.bucior@geosyntec.com dhoyt@geosyntec.com

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

SAMPLER(S): (PRINT) Shawn Gardner

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	Field Filtered	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060624-018-JA	6/6/2024	9:30	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-020-JA	6/6/2024	10:20	WG	3		X					X			
	WG-TR1045-18A-410-060624-020-JA	6/6/2024	10:20	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-024-JA	6/6/2024	12:15	WG	3		X					X			
	WG-TR1045-18A-410-060624-024-JA	6/6/2024	12:15	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-026-JA	6/6/2024	13:50	WG	3		X					X			
	WG-TR1045-18A-410-060624-026-JA	6/6/2024	13:50	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060624-028-JA	6/6/2024	13:50	WG	3		X					X			
	WG-TR1045-18A-410-060624-028-JA	6/6/2024	13:50	WG	4	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	6/6/24	1500	Sarah S.		6/7/24	1640
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/Affiliation)	Date:	Time:

R2405028 5

GHD Services Inc.
Love Canal:292-402-D02-3100

Cooler Receipt and Preservation Check Form

Project/Client GHD Folder Number

Cooler received on 6/7/24 by: RDH **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: 6/7/24 Time: 1643 ID: IR#12 (IR#1) From: Temp Blank (Sample Bottle)

Temp (°C)	10.1	2.5	2.7	3.0	4.7	5.6	4.1
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 RDH on 6/7/24 at 1730
5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/7/24 Time: 1754 by: RDH

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: 012924-16J, 040624-3AHK

Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RDH *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
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.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Service Request: R2405028

Sample Name: WG-TR1045-18A-410-060524-012-JA
Lab Code: R2405028-001
Sample Matrix: Water
Date Collected: 06/5/24
Date Received: 06/7/24

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

Sample Name: WG-TR1045-18A-410-060524-013-SG
Lab Code: R2405028-002
Sample Matrix: Water
Date Collected: 06/5/24
Date Received: 06/7/24

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

Sample Name: WG-TR1045-18A-410-060524-014-JA
Lab Code: R2405028-003
Sample Matrix: Water
Date Collected: 06/5/24
Date Received: 06/7/24

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

Sample Name: WG-TR1045-18A-410-060524-015-SG
Lab Code: R2405028-004
Sample Matrix: Water
Date Collected: 06/5/24
Date Received: 06/7/24

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

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060524-015-SG **Date Collected:** 06/5/24
Lab Code: R2405028-004 **Date Received:** 06/7/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260C		KRUEST
8270D	JVANHEYNINGEN	BALLGEIER

Sample Name: WG-TR1045-18A-410-060524-016-JA **Date Collected:** 06/5/24
Lab Code: R2405028-005 **Date Received:** 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060524-017-SG **Date Collected:** 06/5/24
Lab Code: R2405028-006 **Date Received:** 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060524-019-SG **Date Collected:** 06/5/24
Lab Code: R2405028-007 **Date Received:** 06/7/24
Sample Matrix: Water

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

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Date Collected:**	06/5/24
Lab Code:	R2405028-007	**Date Received:**	06/7/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	JVANHEYNINGEN	BALLGEIER

Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Date Collected:**	06/5/24
Lab Code:	R2405028-008	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Date Collected:**	06/5/24
Lab Code:	R2405028-009	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	Trip Blank	**Date Collected:**	06/5/24
Lab Code:	R2405028-010	**Date Received:**	06/7/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client: Glenn Springs Holdings, Inc.
Service Request: R2405028
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060624-022-SG
Date Collected: 06/6/24
Lab Code: R2405028-011
Date Received: 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060624-025-SG
Date Collected: 06/6/24
Lab Code: R2405028-012
Date Received: 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060624-027-SG
Date Collected: 06/6/24
Lab Code: R2405028-013
Date Received: 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060624-029-SG
Date Collected: 06/6/24
Lab Code: R2405028-014
Date Received: 06/7/24
Sample Matrix: Water

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

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060624-029-SG **Date Collected:** 06/6/24
Lab Code: R2405028-014 **Date Received:** 06/7/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260C		KRUEST
8270D	JVANHEYNINGEN	BALLGEIER

Sample Name: WG-TR1045-18A-410-060624-018-JA **Date Collected:** 06/6/24
Lab Code: R2405028-015 **Date Received:** 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060624-020-JA **Date Collected:** 06/6/24
Lab Code: R2405028-016 **Date Received:** 06/7/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060624-024-JA **Date Collected:** 06/6/24
Lab Code: R2405028-017 **Date Received:** 06/7/24
Sample Matrix: Water

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

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Date Collected:**	06/6/24
Lab Code:	R2405028-017	**Date Received:**	06/7/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	JVANHEYNINGEN	BALLGEIER

Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Date Collected:**	06/6/24
Lab Code:	R2405028-018	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Date Collected:**	06/6/24
Lab Code:	R2405028-019	**Date Received:**	06/7/24
Sample Matrix:	Water		

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

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 00:27	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 00:27	
2-Hexanone	10 U	10	0.20	1	06/15/24 00:27	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 00:27	
Acetone	10 U	10	5.0	1	06/15/24 00:27	
Benzene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 00:27	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 00:27	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 00:27	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 00:27	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 00:27	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 00:27	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 00:27	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 00:27	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 00:27	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Styrene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 00:27	
Toluene	5.0 U	5.0	0.20	1	06/15/24 00:27	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 00:27	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 00:27	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 00:27	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 00:27	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 00:27	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 00:27	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 00:27	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 00:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/15/24 00:27	
Dibromofluoromethane	98	80 - 116	06/15/24 00:27	
Toluene-d8	97	87 - 121	06/15/24 00:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	15.0	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 00:50	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 00:50	
2-Hexanone	10 U	10	0.20	1	06/15/24 00:50	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 00:50	
Acetone	10 U	10	5.0	1	06/15/24 00:50	
Benzene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 00:50	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 00:50	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 00:50	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 00:50	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 00:50	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 00:50	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 00:50	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 00:50	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 00:50	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Styrene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 00:50	
Toluene	5.0 U	5.0	0.20	1	06/15/24 00:50	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 00:50	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 00:50	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 00:50	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 00:50	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 00:50	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 00:50	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 00:50	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 00:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/15/24 00:50	
Dibromofluoromethane	96	80 - 116	06/15/24 00:50	
Toluene-d8	97	87 - 121	06/15/24 00:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	19.4	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 17:45	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 17:45	
2-Hexanone	10 U	10	0.20	1	06/13/24 17:45	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 17:45	
Acetone	10 U	10	5.0	1	06/13/24 17:45	
Benzene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 17:45	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 17:45	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 17:45	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 17:45	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 17:45	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 17:45	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 17:45	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 17:45	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 17:45	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Styrene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 17:45	
Toluene	5.0 U	5.0	0.20	1	06/13/24 17:45	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 17:45	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 17:45	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 17:45	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 17:45	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 17:45	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 17:45	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 17:45	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 17:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/13/24 17:45	
Dibromofluoromethane	98	80 - 116	06/13/24 17:45	
Toluene-d8	99	87 - 121	06/13/24 17:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	25.4	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 01:13	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 01:13	
2-Hexanone	10 U	10	0.20	1	06/15/24 01:13	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 01:13	
Acetone	10 U	10	5.0	1	06/15/24 01:13	
Benzene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 01:13	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 01:13	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 01:13	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 01:13	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 01:13	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 01:13	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 01:13	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 01:13	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 01:13	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Styrene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 01:13	
Toluene	5.0 U	5.0	0.20	1	06/15/24 01:13	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 01:13	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 01:13	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 01:13	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 01:13	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 01:13	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 01:13	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 01:13	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 01:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/15/24 01:13	
Dibromofluoromethane	100	80 - 116	06/15/24 01:13	
Toluene-d8	100	87 - 121	06/15/24 01:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	20.8	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 18:08	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 18:08	
2-Hexanone	10 U	10	0.20	1	06/13/24 18:08	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 18:08	
Acetone	10 U	10	5.0	1	06/13/24 18:08	
Benzene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 18:08	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 18:08	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 18:08	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 18:08	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 18:08	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 18:08	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 18:08	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 18:08	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 18:08	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Styrene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 18:08	
Toluene	5.0 U	5.0	0.20	1	06/13/24 18:08	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 18:08	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 18:08	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 18:08	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 18:08	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 18:08	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 18:08	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 18:08	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 18:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/13/24 18:08	
Dibromofluoromethane	97	80 - 116	06/13/24 18:08	
Toluene-d8	99	87 - 121	06/13/24 18:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	17.8	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 01:36	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 01:36	
2-Hexanone	10 U	10	0.20	1	06/15/24 01:36	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 01:36	
Acetone	10 U	10	5.0	1	06/15/24 01:36	
Benzene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 01:36	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 01:36	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 01:36	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 01:36	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 01:36	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 01:36	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 01:36	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 01:36	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 01:36	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Styrene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 01:36	
Toluene	5.0 U	5.0	0.20	1	06/15/24 01:36	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 01:36	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 01:36	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 01:36	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 01:36	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 01:36	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 01:36	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 01:36	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 01:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/15/24 01:36	
Dibromofluoromethane	99	80 - 116	06/15/24 01:36	
Toluene-d8	100	87 - 121	06/15/24 01:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	16.8	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 18:31	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 18:31	
2-Hexanone	10 U	10	0.20	1	06/13/24 18:31	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 18:31	
Acetone	10 U	10	5.0	1	06/13/24 18:31	
Benzene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 18:31	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 18:31	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 18:31	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 18:31	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 18:31	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 18:31	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 18:31	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 18:31	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 18:31	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Styrene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 18:31	
Toluene	5.0 U	5.0	0.20	1	06/13/24 18:31	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 18:31	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 18:31	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 18:31	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 18:31	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 18:31	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 18:31	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 18:31	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 18:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/13/24 18:31	
Dibromofluoromethane	98	80 - 116	06/13/24 18:31	
Toluene-d8	98	87 - 121	06/13/24 18:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	13.2	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 01:59	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 01:59	
2-Hexanone	10 U	10	0.20	1	06/15/24 01:59	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 01:59	
Acetone	10 U	10	5.0	1	06/15/24 01:59	
Benzene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 01:59	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 01:59	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 01:59	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 01:59	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 01:59	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 01:59	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 01:59	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 01:59	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 01:59	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Styrene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 01:59	
Toluene	5.0 U	5.0	0.20	1	06/15/24 01:59	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 01:59	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 01:59	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 01:59	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 01:59	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 01:59	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 01:59	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 01:59	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 01:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/15/24 01:59	
Dibromofluoromethane	99	80 - 116	06/15/24 01:59	
Toluene-d8	99	87 - 121	06/15/24 01:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	16.4	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 02:22	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 02:22	
2-Hexanone	10 U	10	0.20	1	06/15/24 02:22	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 02:22	
Acetone	10 U	10	5.0	1	06/15/24 02:22	
Benzene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 02:22	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 02:22	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 02:22	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 02:22	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 02:22	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 02:22	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 02:22	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 02:22	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 02:22	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Styrene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 02:22	
Toluene	5.0 U	5.0	0.20	1	06/15/24 02:22	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 02:22	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 02:22	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 02:22	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 02:22	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 02:22	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 02:22	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 02:22	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 02:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/15/24 02:22	
Dibromofluoromethane	97	80 - 116	06/15/24 02:22	
Toluene-d8	96	87 - 121	06/15/24 02:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	16.3	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405028-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 17:22	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 17:22	
2-Hexanone	10 U	10	0.20	1	06/13/24 17:22	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 17:22	
Acetone	10 U	10	5.0	1	06/13/24 17:22	
Benzene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 17:22	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 17:22	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 17:22	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 17:22	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 17:22	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 17:22	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 17:22	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 17:22	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 17:22	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Styrene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 17:22	
Toluene	5.0 U	5.0	0.20	1	06/13/24 17:22	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 17:22	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 17:22	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 17:22	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 17:22	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 17:22	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 17:22	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 17:22	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 17:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405028-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/13/24 17:22	
Dibromofluoromethane	96	80 - 116	06/13/24 17:22	
Toluene-d8	98	87 - 121	06/13/24 17:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405028-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	7.1	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,1,2-Trichloroethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,2-Dichloroethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
1,2-Dichloropropane	5.0	U	5.0	0.20	1	06/15/24 02:45	
2-Butanone (MEK)	10	U	10	0.78	1	06/15/24 02:45	
2-Hexanone	10	U	10	0.20	1	06/15/24 02:45	
4-Methyl-2-pentanone	10	U	10	0.20	1	06/15/24 02:45	
Acetone	10	U	10	5.0	1	06/15/24 02:45	
Benzene	5.0	U	5.0	0.20	1	06/15/24 02:45	
Bromodichloromethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
Bromoform	5.0	U	5.0	0.25	1	06/15/24 02:45	
Bromomethane	5.0	U	5.0	0.70	1	06/15/24 02:45	
Carbon Disulfide	**160**		10	0.42	1	06/15/24 02:45	
Carbon Tetrachloride	5.0	U	5.0	0.34	1	06/15/24 02:45	
Chlorobenzene	5.0	U	5.0	0.20	1	06/15/24 02:45	
Chloroethane	5.0	U	5.0	0.23	1	06/15/24 02:45	
Chloroform	5.0	U	5.0	0.51	1	06/15/24 02:45	
Chloromethane	5.0	U	5.0	0.80	1	06/15/24 02:45	
Dibromochloromethane	5.0	U	5.0	0.20	1	06/15/24 02:45	
Dichloromethane	5.0	U	5.0	0.65	1	06/15/24 02:45	
Ethylbenzene	5.0	U	5.0	0.20	1	06/15/24 02:45	
Styrene	5.0	U	5.0	0.20	1	06/15/24 02:45	
Tetrachloroethene (PCE)	5.0	U	5.0	0.21	1	06/15/24 02:45	
Toluene	**0.29**	**J**	5.0	0.20	1	06/15/24 02:45	
Trichloroethene (TCE)	5.0	U	5.0	0.20	1	06/15/24 02:45	
Vinyl Acetate	10	U	10	1.1	1	06/15/24 02:45	
Vinyl Chloride	5.0	U	5.0	0.20	1	06/15/24 02:45	
Xylenes, Total	5.0	U	5.0	0.23	1	06/15/24 02:45	
cis-1,2-Dichloroethene	5.0	U	5.0	0.23	1	06/15/24 02:45	
cis-1,3-Dichloropropene	5.0	U	5.0	0.20	1	06/15/24 02:45	
trans-1,2-Dichloroethene	5.0	U	5.0	0.20	1	06/15/24 02:45	
trans-1,3-Dichloropropene	5.0	U	5.0	0.23	1	06/15/24 02:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/15/24 02:45	
Dibromofluoromethane	101	80 - 116	06/15/24 02:45	
Toluene-d8	100	87 - 121	06/15/24 02:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	11.2	J
007446-09-5	Sulfur dioxide	1.14	5.9	JN
000074-93-1	Methanethiol	1.41	93.3	JN
	unknown	1.48	12.7	J
000104-76-7	1-Hexanol, 2-ethyl-	11.86	16.3	JN
000624-89-5	Ethane, (methylthio)-	3.89	26.5	JN
000624-92-0	Disulfide, dimethyl	7.87	30.5	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 03:08	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 03:08	
2-Hexanone	10 U	10	0.20	1	06/15/24 03:08	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 03:08	
Acetone	10 U	10	5.0	1	06/15/24 03:08	
Benzene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 03:08	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 03:08	
Carbon Disulfide	**1.2 J**	10	0.42	1	06/15/24 03:08	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 03:08	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 03:08	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 03:08	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 03:08	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 03:08	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 03:08	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Styrene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 03:08	
Toluene	5.0 U	5.0	0.20	1	06/15/24 03:08	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 03:08	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 03:08	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 03:08	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 03:08	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 03:08	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 03:08	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 03:08	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 03:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	06/15/24 03:08	
Dibromofluoromethane	99	80 - 116	06/15/24 03:08	
Toluene-d8	99	87 - 121	06/15/24 03:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	18.4	J
007446-09-5	Sulfur dioxide	1.14	5.4	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 03:31	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 03:31	
2-Hexanone	10 U	10	0.20	1	06/15/24 03:31	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 03:31	
Acetone	10 U	10	5.0	1	06/15/24 03:31	
Benzene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 03:31	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 03:31	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 03:31	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 03:31	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 03:31	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 03:31	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 03:31	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 03:31	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 03:31	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Styrene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 03:31	
Toluene	5.0 U	5.0	0.20	1	06/15/24 03:31	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 03:31	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 03:31	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 03:31	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 03:31	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 03:31	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 03:31	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 03:31	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 03:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	06/15/24 03:31	
Dibromofluoromethane	100	80 - 116	06/15/24 03:31	
Toluene-d8	100	87 - 121	06/15/24 03:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	17.0	J
000104-76-7	1-Hexanol, 2-ethyl-	11.86	104.9	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 03:54	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 03:54	
2-Hexanone	10 U	10	0.20	1	06/15/24 03:54	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 03:54	
Acetone	10 U	10	5.0	1	06/15/24 03:54	
Benzene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 03:54	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 03:54	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 03:54	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 03:54	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 03:54	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 03:54	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 03:54	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 03:54	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 03:54	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Styrene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 03:54	
Toluene	5.0 U	5.0	0.20	1	06/15/24 03:54	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 03:54	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 03:54	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 03:54	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 03:54	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 03:54	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 03:54	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 03:54	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 03:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	06/15/24 03:54	
Dibromofluoromethane	97	80 - 116	06/15/24 03:54	
Toluene-d8	98	87 - 121	06/15/24 03:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	6.5	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 04:17	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 04:17	
2-Hexanone	10 U	10	0.20	1	06/15/24 04:17	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 04:17	
Acetone	10 U	10	5.0	1	06/15/24 04:17	
Benzene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 04:17	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 04:17	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 04:17	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 04:17	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 04:17	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 04:17	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 04:17	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 04:17	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 04:17	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Styrene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 04:17	
Toluene	5.0 U	5.0	0.20	1	06/15/24 04:17	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 04:17	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 04:17	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 04:17	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 04:17	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 04:17	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 04:17	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 04:17	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 04:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/15/24 04:17	
Dibromofluoromethane	99	80 - 116	06/15/24 04:17	
Toluene-d8	100	87 - 121	06/15/24 04:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	18.8	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 04:40	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 04:40	
2-Hexanone	10 U	10	0.20	1	06/15/24 04:40	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 04:40	
Acetone	10 U	10	5.0	1	06/15/24 04:40	
Benzene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 04:40	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 04:40	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 04:40	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 04:40	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 04:40	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 04:40	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 04:40	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 04:40	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 04:40	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Styrene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 04:40	
Toluene	5.0 U	5.0	0.20	1	06/15/24 04:40	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 04:40	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 04:40	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 04:40	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 04:40	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 04:40	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 04:40	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 04:40	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 04:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/15/24 04:40	
Dibromofluoromethane	100	80 - 116	06/15/24 04:40	
Toluene-d8	99	87 - 121	06/15/24 04:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	17.0	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 05:03	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 05:03	
2-Hexanone	10 U	10	0.20	1	06/15/24 05:03	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 05:03	
Acetone	10 U	10	5.0	1	06/15/24 05:03	
Benzene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 05:03	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 05:03	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 05:03	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 05:03	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 05:03	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 05:03	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 05:03	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 05:03	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 05:03	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Styrene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 05:03	
Toluene	5.0 U	5.0	0.20	1	06/15/24 05:03	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 05:03	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 05:03	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 05:03	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 05:03	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 05:03	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 05:03	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 05:03	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 05:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	06/15/24 05:03	
Dibromofluoromethane	100	80 - 116	06/15/24 05:03	
Toluene-d8	101	87 - 121	06/15/24 05:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	17.7	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 19:17	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 19:17	
2-Hexanone	10 U	10	0.20	1	06/13/24 19:17	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 19:17	
Acetone	10 U	10	5.0	1	06/13/24 19:17	
Benzene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 19:17	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 19:17	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 19:17	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 19:17	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 19:17	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 19:17	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 19:17	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 19:17	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 19:17	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Styrene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 19:17	
Toluene	5.0 U	5.0	0.20	1	06/13/24 19:17	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 19:17	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 19:17	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 19:17	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 19:17	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 19:17	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 19:17	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 19:17	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 19:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/13/24 19:17	
Dibromofluoromethane	97	80 - 116	06/13/24 19:17	
Toluene-d8	99	87 - 121	06/13/24 19:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	31.5	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 19:40	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 19:40	
2-Hexanone	10 U	10	0.20	1	06/13/24 19:40	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 19:40	
Acetone	10 U	10	5.0	1	06/13/24 19:40	
Benzene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 19:40	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 19:40	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 19:40	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 19:40	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 19:40	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 19:40	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 19:40	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 19:40	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 19:40	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Styrene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 19:40	
Toluene	5.0 U	5.0	0.20	1	06/13/24 19:40	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 19:40	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 19:40	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 19:40	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 19:40	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 19:40	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 19:40	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 19:40	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 19:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/13/24 19:40	
Dibromofluoromethane	98	80 - 116	06/13/24 19:40	
Toluene-d8	98	87 - 121	06/13/24 19:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	33.9	J

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 19:19	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 19:19	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 19:19	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 19:19	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 19:19	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 19:19	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 19:19	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 19:19	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 19:19	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 19:19	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 19:19	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 19:19	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 19:19	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 19:19	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 19:19	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 19:19	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 19:19	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 19:19	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 19:19	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 19:19	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 19:19	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 19:19	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 19:19	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 19:19	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 19:19	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 19:19	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 19:19	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 19:19	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 19:19	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 19:19	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 19:19	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 19:19	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/12/24 19:19	
2-Fluorobiphenyl	68	25 - 99	06/12/24 19:19	
2-Fluorophenol	46	15 - 72	06/12/24 19:19	
Nitrobenzene-d5	71	22 - 104	06/12/24 19:19	
Phenol-d6	31	10 - 55	06/12/24 19:19	
p-Terphenyl-d14	77	10 - 143	06/12/24 19:19	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 19:43	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 19:43	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 19:43	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 19:43	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 19:43	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 19:43	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 19:43	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 19:43	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 19:43	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 19:43	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 19:43	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 19:43	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 19:43	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 19:43	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 19:43	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 19:43	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 19:43	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 19:43	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 19:43	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 19:43	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 19:43	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 19:43	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 19:43	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 19:43	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 19:43	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 19:43	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 19:43	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 19:43	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 19:43	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 19:43	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 19:43	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 19:43	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	82	31 - 133	06/12/24 19:43	
2-Fluorobiphenyl	69	25 - 99	06/12/24 19:43	
2-Fluorophenol	44	15 - 72	06/12/24 19:43	
Nitrobenzene-d5	71	22 - 104	06/12/24 19:43	
Phenol-d6	29	10 - 55	06/12/24 19:43	
p-Terphenyl-d14	98	10 - 143	06/12/24 19:43	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
1,2-Dichlorobenzene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
1,3-Dichlorobenzene	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
1,4-Dichlorobenzene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
2,4,5-Trichlorophenol	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
2,4,6-Trichlorophenol	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
2,4-Dichlorophenol	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
2,4-Dimethylphenol	9.8 U	9.8	4.3	1	06/12/24 20:07	6/10/24	
2,4-Dinitrophenol	49 U	49	20	1	06/12/24 20:07	6/10/24	
2,4-Dinitrotoluene	9.8 U	9.8	2.4	1	06/12/24 20:07	6/10/24	
2,6-Dinitrotoluene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
2-Chloronaphthalene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
2-Chlorophenol	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
2-Methylnaphthalene	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
2-Methylphenol	9.8 U	9.8	1.0	1	06/12/24 20:07	6/10/24	
2-Nitroaniline	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
2-Nitrophenol	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	
3,3'-Dichlorobenzidine	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
3- and 4-Methylphenol Coelution	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
3-Nitroaniline	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
4,6-Dinitro-2-methylphenol	49 U	49	8.7	1	06/12/24 20:07	6/10/24	
4-Bromophenyl Phenyl Ether	9.8 U	9.8	1.7	1	06/12/24 20:07	6/10/24	
4-Chloro-3-methylphenol	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
4-Chloroaniline	9.8 U	9.8	1.0	1	06/12/24 20:07	6/10/24	
4-Chlorophenyl Phenyl Ether	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	
4-Nitroaniline	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
4-Nitrophenol	49 U	49	6.4	1	06/12/24 20:07	6/10/24	
Acenaphthene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Acenaphthylene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Anthracene	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Benz(a)anthracene	9.8 U	9.8	1.6	1	06/12/24 20:07	6/10/24	
Benzo(a)pyrene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
Benzo(b)fluoranthene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
Benzo(g,h,i)perylene	9.8 U	9.8	2.1	1	06/12/24 20:07	6/10/24	
Benzo(k)fluoranthene	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Benzoic Acid	49 U	49	36	1	06/12/24 20:07	6/10/24	
Benzyl Alcohol	9.8 U	9.8	1.6	1	06/12/24 20:07	6/10/24	
2,2'-Oxybis(1-chloropropane)	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Bis(2-chloroethoxy)methane	9.8 U	9.8	1.9	1	06/12/24 20:07	6/10/24	
Bis(2-chloroethyl) Ether	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Bis(2-ethylhexyl) Phthalate	9.8 U	9.8	7.8	1	06/12/24 20:07	6/10/24	
Butyl Benzyl Phthalate	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Chrysene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	9.8 U	9.8	1.7	1	06/12/24 20:07	6/10/24	
Di-n-octyl Phthalate	9.8 U	9.8	3.3	1	06/12/24 20:07	6/10/24	
Dibenz(a,h)anthracene	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
Dibenzofuran	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Diethyl Phthalate	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
Dimethyl Phthalate	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Fluoranthene	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	
Fluorene	9.8 U	9.8	1.3	1	06/12/24 20:07	6/10/24	
Hexachlorobenzene	9.8 U	9.8	1.6	1	06/12/24 20:07	6/10/24	
Hexachlorobutadiene	9.8 U	9.8	1.0	1	06/12/24 20:07	6/10/24	
Hexachlorocyclopentadiene	9.8 U	9.8	2.2	1	06/12/24 20:07	6/10/24	
Hexachloroethane	9.8 U	9.8	1.1	1	06/12/24 20:07	6/10/24	
Indeno(1,2,3-cd)pyrene	9.8 U	9.8	1.8	1	06/12/24 20:07	6/10/24	
Isophorone	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
N-Nitrosodi-n-propylamine	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
N-Nitrosodiphenylamine	9.8 U	9.8	2.7	1	06/12/24 20:07	6/10/24	
Naphthalene	9.8 U	9.8	1.2	1	06/12/24 20:07	6/10/24	
Nitrobenzene	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	
Pentachlorophenol (PCP)	49 U	49	9.7	1	06/12/24 20:07	6/10/24	
Phenanthrene	9.8 U	9.8	1.4	1	06/12/24 20:07	6/10/24	
Phenol	9.8 U	9.8	1.0	1	06/12/24 20:07	6/10/24	
Pyrene	9.8 U	9.8	1.5	1	06/12/24 20:07	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	75	31 - 133	06/12/24 20:07	
2-Fluorobiphenyl	75	25 - 99	06/12/24 20:07	
2-Fluorophenol	45	15 - 72	06/12/24 20:07	
Nitrobenzene-d5	73	22 - 104	06/12/24 20:07	
Phenol-d6	31	10 - 55	06/12/24 20:07	
p-Terphenyl-d14	90	10 - 143	06/12/24 20:07	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 20:31	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 20:31	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 20:31	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 20:31	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 20:31	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 20:31	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 20:31	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 20:31	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 20:31	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 20:31	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 20:31	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 20:31	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 20:31	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 20:31	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 20:31	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 20:31	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 20:31	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 20:31	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 20:31	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 20:31	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 20:31	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 20:31	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 20:31	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 20:31	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 20:31	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 20:31	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 20:31	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 20:31	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 20:31	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 20:31	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 20:31	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 20:31	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	80	31 - 133	06/12/24 20:31	
2-Fluorobiphenyl	73	25 - 99	06/12/24 20:31	
2-Fluorophenol	45	15 - 72	06/12/24 20:31	
Nitrobenzene-d5	73	22 - 104	06/12/24 20:31	
Phenol-d6	31	10 - 55	06/12/24 20:31	
p-Terphenyl-d14	99	10 - 143	06/12/24 20:31	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 20:55	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 20:55	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 20:55	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 20:55	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 20:55	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 20:55	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 20:55	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 20:55	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 20:55	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 20:55	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 20:55	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 20:55	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 20:55	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 20:55	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 20:55	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 20:55	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 20:55	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 20:55	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 20:55	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 20:55	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 20:55	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 20:55	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 20:55	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 20:55	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 20:55	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 20:55	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 20:55	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 20:55	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 20:55	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 20:55	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 20:55	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 20:55	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	06/12/24 20:55	
2-Fluorobiphenyl	65	25 - 99	06/12/24 20:55	
2-Fluorophenol	41	15 - 72	06/12/24 20:55	
Nitrobenzene-d5	66	22 - 104	06/12/24 20:55	
Phenol-d6	29	10 - 55	06/12/24 20:55	
p-Terphenyl-d14	88	10 - 143	06/12/24 20:55	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 21:19	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 21:19	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 21:19	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 21:19	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 21:19	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 21:19	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 21:19	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 21:19	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 21:19	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 21:19	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 21:19	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 21:19	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 21:19	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 21:19	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 21:19	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 21:19	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 21:19	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 21:19	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 21:19	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 21:19	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 21:19	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 21:19	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 21:19	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 21:19	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 21:19	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 21:19	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 21:19	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 21:19	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 21:19	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 21:19	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 21:19	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 21:19	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	06/12/24 21:19	
2-Fluorobiphenyl	69	25 - 99	06/12/24 21:19	
2-Fluorophenol	44	15 - 72	06/12/24 21:19	
Nitrobenzene-d5	71	22 - 104	06/12/24 21:19	
Phenol-d6	29	10 - 55	06/12/24 21:19	
p-Terphenyl-d14	88	10 - 143	06/12/24 21:19	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 21:42	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 21:42	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 21:42	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 21:42	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 21:42	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 21:42	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 21:42	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 21:42	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 21:42	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 21:42	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 21:42	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 21:42	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 21:42	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 21:42	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 21:42	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 21:42	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 21:42	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 21:42	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 21:42	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 21:42	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 21:42	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 21:42	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 21:42	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 21:42	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 21:42	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 21:42	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 21:42	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 21:42	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 21:42	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 21:42	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 21:42	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 21:42	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	70	31 - 133	06/12/24 21:42	
2-Fluorobiphenyl	61	25 - 99	06/12/24 21:42	
2-Fluorophenol	42	15 - 72	06/12/24 21:42	
Nitrobenzene-d5	64	22 - 104	06/12/24 21:42	
Phenol-d6	27	10 - 55	06/12/24 21:42	
p-Terphenyl-d14	84	10 - 143	06/12/24 21:42	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 22:54	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 22:54	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 22:54	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 22:54	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 22:54	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 22:54	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 22:54	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 22:54	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 22:54	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 22:54	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 22:54	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 22:54	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 22:54	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 22:54	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 22:54	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 22:54	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 22:54	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 22:54	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 22:54	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 22:54	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 22:54	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 22:54	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 22:54	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 22:54	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 22:54	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 22:54	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 22:54	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 22:54	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 22:54	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 22:54	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 22:54	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 22:54	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	73	31 - 133	06/12/24 22:54	
2-Fluorobiphenyl	66	25 - 99	06/12/24 22:54	
2-Fluorophenol	41	15 - 72	06/12/24 22:54	
Nitrobenzene-d5	68	22 - 104	06/12/24 22:54	
Phenol-d6	28	10 - 55	06/12/24 22:54	
p-Terphenyl-d14	96	10 - 143	06/12/24 22:54	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 23:17	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 23:17	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 23:17	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 23:17	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 23:17	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 23:17	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 23:17	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 23:17	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 23:17	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 23:17	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 23:17	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 23:17	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 23:17	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 23:17	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 23:17	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 23:17	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 23:17	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 23:17	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 23:17	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 23:17	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 23:17	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 23:17	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 23:17	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 23:17	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 23:17	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 23:17	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 23:17	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 23:17	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 23:17	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 23:17	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 23:17	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 23:17	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	69	31 - 133	06/12/24 23:17	
2-Fluorobiphenyl	67	25 - 99	06/12/24 23:17	
2-Fluorophenol	44	15 - 72	06/12/24 23:17	
Nitrobenzene-d5	70	22 - 104	06/12/24 23:17	
Phenol-d6	29	10 - 55	06/12/24 23:17	
p-Terphenyl-d14	96	10 - 143	06/12/24 23:17	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 23:41	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 23:41	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 23:41	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 23:41	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 23:41	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 23:41	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 23:41	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 23:41	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 23:41	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 23:41	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 23:41	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 23:41	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 23:41	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 23:41	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 23:41	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 23:41	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 23:41	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 23:41	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Diethyl Phthalate	**2.3 J**	10	1.1	1	06/12/24 23:41	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 23:41	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 23:41	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 23:41	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 23:41	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 23:41	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 23:41	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 23:41	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 23:41	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 23:41	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 23:41	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 23:41	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 23:41	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 23:41	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 23:41	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	57	31 - 133	06/12/24 23:41	
2-Fluorobiphenyl	66	25 - 99	06/12/24 23:41	
2-Fluorophenol	57	15 - 72	06/12/24 23:41	
Nitrobenzene-d5	74	22 - 104	06/12/24 23:41	
Phenol-d6	54	10 - 55	06/12/24 23:41	
p-Terphenyl-d14	69	10 - 143	06/12/24 23:41	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 00:04	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 00:04	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 00:04	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 00:04	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 00:04	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 00:04	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 00:04	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 00:04	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 00:04	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 00:04	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 00:04	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 00:04	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 00:04	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 00:04	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 00:04	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 00:04	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 00:04	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 00:04	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 00:04	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 00:04	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 00:04	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 00:04	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 00:04	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 00:04	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 00:04	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 00:04	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 00:04	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 00:04	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 00:04	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 00:04	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 00:04	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 00:04	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	58	31 - 133	06/13/24 00:04	
2-Fluorobiphenyl	67	25 - 99	06/13/24 00:04	
2-Fluorophenol	45	15 - 72	06/13/24 00:04	
Nitrobenzene-d5	71	22 - 104	06/13/24 00:04	
Phenol-d6	29	10 - 55	06/13/24 00:04	
p-Terphenyl-d14	93	10 - 143	06/13/24 00:04	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 00:28	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 00:28	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 00:28	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 00:28	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 00:28	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 00:28	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 00:28	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 00:28	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 00:28	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 00:28	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 00:28	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 00:28	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 00:28	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 00:28	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 00:28	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 00:28	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 00:28	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 00:28	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 00:28	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 00:28	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 00:28	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 00:28	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 00:28	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 00:28	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 00:28	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 00:28	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 00:28	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 00:28	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 00:28	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 00:28	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 00:28	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 00:28	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	57	31 - 133	06/13/24 00:28	
2-Fluorobiphenyl	65	25 - 99	06/13/24 00:28	
2-Fluorophenol	44	15 - 72	06/13/24 00:28	
Nitrobenzene-d5	70	22 - 104	06/13/24 00:28	
Phenol-d6	29	10 - 55	06/13/24 00:28	
p-Terphenyl-d14	92	10 - 143	06/13/24 00:28	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 00:51	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 00:51	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 00:51	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 00:51	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 00:51	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 00:51	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 00:51	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 00:51	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 00:51	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 00:51	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 00:51	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 00:51	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 00:51	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 00:51	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 00:51	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 00:51	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 00:51	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 00:51	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 00:51	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 00:51	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 00:51	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 00:51	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 00:51	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 00:51	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 00:51	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 00:51	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 00:51	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 00:51	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 00:51	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 00:51	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 00:51	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 00:51	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	50	31 - 133	06/13/24 00:51	
2-Fluorobiphenyl	72	25 - 99	06/13/24 00:51	
2-Fluorophenol	46	15 - 72	06/13/24 00:51	
Nitrobenzene-d5	79	22 - 104	06/13/24 00:51	
Phenol-d6	30	10 - 55	06/13/24 00:51	
p-Terphenyl-d14	90	10 - 143	06/13/24 00:51	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 01:15	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 01:15	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 01:15	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 01:15	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 01:15	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 01:15	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 01:15	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 01:15	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 01:15	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 01:15	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 01:15	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 01:15	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 01:15	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 01:15	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 01:15	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 01:15	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 01:15	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 01:15	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 01:15	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 01:15	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 01:15	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 01:15	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 01:15	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 01:15	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 01:15	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 01:15	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 01:15	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 01:15	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 01:15	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 01:15	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 01:15	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 01:15	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	50	31 - 133	06/13/24 01:15	
2-Fluorobiphenyl	55	25 - 99	06/13/24 01:15	
2-Fluorophenol	39	15 - 72	06/13/24 01:15	
Nitrobenzene-d5	60	22 - 104	06/13/24 01:15	
Phenol-d6	25	10 - 55	06/13/24 01:15	
p-Terphenyl-d14	87	10 - 143	06/13/24 01:15	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 01:38	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 01:38	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 01:38	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 01:38	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 01:38	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 01:38	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 01:38	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 01:38	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 01:38	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 01:38	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 01:38	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 01:38	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 01:38	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 01:38	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 01:38	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 01:38	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 01:38	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 01:38	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 01:38	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 01:38	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 01:38	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 01:38	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 01:38	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 01:38	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 01:38	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 01:38	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 01:38	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 01:38	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 01:38	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 01:38	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 01:38	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 01:38	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	53	31 - 133	06/13/24 01:38	
2-Fluorobiphenyl	55	25 - 99	06/13/24 01:38	
2-Fluorophenol	39	15 - 72	06/13/24 01:38	
Nitrobenzene-d5	60	22 - 104	06/13/24 01:38	
Phenol-d6	27	10 - 55	06/13/24 01:38	
p-Terphenyl-d14	96	10 - 143	06/13/24 01:38	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 02:01	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 02:01	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 02:01	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 02:01	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 02:01	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 02:01	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 02:01	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 02:01	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 02:01	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 02:01	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 02:01	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 02:01	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 02:01	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 02:01	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 02:01	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 02:01	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 02:01	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 02:01	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 02:01	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 02:01	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 02:01	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 02:01	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 02:01	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 02:01	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 02:01	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 02:01	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 02:01	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 02:01	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 02:01	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 02:01	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 02:01	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 02:01	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	47	31 - 133	06/13/24 02:01	
2-Fluorobiphenyl	63	25 - 99	06/13/24 02:01	
2-Fluorophenol	43	15 - 72	06/13/24 02:01	
Nitrobenzene-d5	68	22 - 104	06/13/24 02:01	
Phenol-d6	27	10 - 55	06/13/24 02:01	
p-Terphenyl-d14	89	10 - 143	06/13/24 02:01	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 02:25	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 02:25	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 02:25	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 02:25	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 02:25	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 02:25	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 02:25	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 02:25	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 02:25	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 02:25	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 02:25	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 02:25	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 02:25	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 02:25	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 02:25	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 02:25	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 02:25	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 02:25	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 02:25	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 02:25	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 02:25	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 02:25	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 02:25	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 02:25	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 02:25	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 02:25	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 02:25	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 02:25	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 02:25	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 02:25	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 02:25	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 02:25	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	46	31 - 133	06/13/24 02:25	
2-Fluorobiphenyl	68	25 - 99	06/13/24 02:25	
2-Fluorophenol	43	15 - 72	06/13/24 02:25	
Nitrobenzene-d5	70	22 - 104	06/13/24 02:25	
Phenol-d6	30	10 - 55	06/13/24 02:25	
p-Terphenyl-d14	84	10 - 143	06/13/24 02:25	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 02:48	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 02:48	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 02:48	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 02:48	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 02:48	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 02:48	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 02:48	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 02:48	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 02:48	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 02:48	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Anthracene	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 02:48	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 02:48	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Benzoic Acid	50 U	50	36	1	06/13/24 02:48	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 02:48	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 02:48	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 02:48	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Chrysene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 02:48	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 02:48	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 02:48	6/10/24	
Fluorene	10 U	10	1.3	1	06/13/24 02:48	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 02:48	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 02:48	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 02:48	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 02:48	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 02:48	6/10/24	
Isophorone	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 02:48	6/10/24	
Naphthalene	10 U	10	1.2	1	06/13/24 02:48	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 02:48	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 02:48	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 02:48	6/10/24	
Phenol	10 U	10	1.0	1	06/13/24 02:48	6/10/24	
Pyrene	10 U	10	1.5	1	06/13/24 02:48	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	46	31 - 133	06/13/24 02:48	
2-Fluorobiphenyl	78	25 - 99	06/13/24 02:48	
2-Fluorophenol	49	15 - 72	06/13/24 02:48	
Nitrobenzene-d5	80	22 - 104	06/13/24 02:48	
Phenol-d6	34	10 - 55	06/13/24 02:48	
p-Terphenyl-d14	95	10 - 143	06/13/24 02:48	

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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**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	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 00:17	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:17	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	34	10 - 111	06/15/24 00:17	
Tetrachloro-m-xylene	63	10 - 101	06/15/24 00:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**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	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
4,4'-DDE	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
4,4'-DDT	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Aldrin	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Dieldrin	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endosulfan I	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endosulfan II	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endosulfan Sulfate	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endrin	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Endrin Ketone	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Heptachlor	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Heptachlor Epoxide	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Methoxychlor	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 03:10	6/10/24	
alpha-BHC	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
alpha-Chlordane	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
beta-BHC	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
delta-BHC	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
gamma-BHC (Lindane)	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	
gamma-Chlordane	0.049 U	0.049	0.020	1	06/15/24 03:10	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10 - 111	06/15/24 03:10	
Tetrachloro-m-xylene	65	10 - 101	06/15/24 03:10	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**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	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 00:34	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:34	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 111	06/15/24 00:34	
Tetrachloro-m-xylene	73	10 - 101	06/15/24 00:34	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**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	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 03:27	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 03:27	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	81	10 - 111	06/15/24 03:27	
Tetrachloro-m-xylene	70	10 - 101	06/15/24 03:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**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	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 03:44	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 03:44	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 111	06/15/24 03:44	
Tetrachloro-m-xylene	73	10 - 101	06/15/24 03:44	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**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	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 04:02	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 04:02	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 111	06/15/24 04:02	
Tetrachloro-m-xylene	65	10 - 101	06/15/24 04:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**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	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 05:11	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 05:11	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 111	06/15/24 05:11	
Tetrachloro-m-xylene	63	10 - 101	06/15/24 05:11	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**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	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 06:21	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:21	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	64	10 - 111	06/15/24 06:21	
Tetrachloro-m-xylene	72	10 - 101	06/15/24 06:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**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	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 06:38	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:38	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	67	10 - 111	06/15/24 06:38	
Tetrachloro-m-xylene	70	10 - 101	06/15/24 06:38	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**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	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 06:56	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 06:56	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	58	10 - 111	06/15/24 06:56	
Tetrachloro-m-xylene	62	10 - 101	06/15/24 06:56	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**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	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 13:01	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:01	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	10 - 111	06/19/24 13:01	
Tetrachloro-m-xylene	58	10 - 101	06/19/24 13:01	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**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	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 13:19	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:19	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	62	10 - 111	06/19/24 13:19	
Tetrachloro-m-xylene	57	10 - 101	06/19/24 13:19	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**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	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 16:13	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:13	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	45	10 - 111	06/19/24 16:13	
Tetrachloro-m-xylene	59	10 - 101	06/19/24 16:13	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**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	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 16:30	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:30	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	32	10 - 111	06/19/24 16:30	
Tetrachloro-m-xylene	49	10 - 101	06/19/24 16:30	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**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	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 16:48	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 16:48	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 111	06/19/24 16:48	
Tetrachloro-m-xylene	50	10 - 101	06/19/24 16:48	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**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	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 17:05	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 17:05	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 111	06/19/24 17:05	
Tetrachloro-m-xylene	46	10 - 101	06/19/24 17:05	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**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	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 14:28	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 14:28	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	60	10 - 111	06/19/24 14:28	
Tetrachloro-m-xylene	58	10 - 101	06/19/24 14:28	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**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	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 14:46	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 14:46	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 111	06/19/24 14:46	
Tetrachloro-m-xylene	45	10 - 101	06/19/24 14:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:05
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-012-JA	**Units:**	ug/L
Lab Code:	R2405028-001	**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	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 16:43	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 16:43	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	27	10 - 118	06/12/24 16:43	
Tetrachloro-m-xylene	65	10 - 103	06/12/24 16:43	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 09:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-013-SG	**Units:**	ug/L
Lab Code:	R2405028-002	**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	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 21:20	6/10/24	
Aroclor 1232	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1242	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1248	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1254	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	
Aroclor 1260	0.98 U	0.98	0.50	1	06/14/24 21:20	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 118	06/14/24 21:20	
Tetrachloro-m-xylene	69	10 - 103	06/14/24 21:20	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-014-JA	**Units:**	ug/L
Lab Code:	R2405028-003	**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	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 17:10	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 17:10	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 118	06/12/24 17:10	
Tetrachloro-m-xylene	73	10 - 103	06/12/24 17:10	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 10:35
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-015-SG	**Units:**	ug/L
Lab Code:	R2405028-004	**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	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 21:33	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 21:33	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	60	10 - 118	06/14/24 21:33	
Tetrachloro-m-xylene	73	10 - 103	06/14/24 21:33	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-016-JA	**Units:**	ug/L
Lab Code:	R2405028-005	**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	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 21:47	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 21:47	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	29	10 - 118	06/14/24 21:47	
Tetrachloro-m-xylene	77	10 - 103	06/14/24 21:47	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 11:45
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-017-SG	**Units:**	ug/L
Lab Code:	R2405028-006	**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	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 22:14	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 22:14	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	34	10 - 118	06/14/24 22:14	
Tetrachloro-m-xylene	66	10 - 103	06/14/24 22:14	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 13:10
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**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	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 23:08	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 23:08	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	33	10 - 118	06/14/24 23:08	
Tetrachloro-m-xylene	69	10 - 103	06/14/24 23:08	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-021-SG	**Units:**	ug/L
Lab Code:	R2405028-008	**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	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 23:49	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 23:49	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/14/24 23:49	
Tetrachloro-m-xylene	72	10 - 103	06/14/24 23:49	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24 14:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060524-023-SG	**Units:**	ug/L
Lab Code:	R2405028-009	**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	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 00:02	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 00:02	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 118	06/15/24 00:02	
Tetrachloro-m-xylene	71	10 - 103	06/15/24 00:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-022-SG	**Units:**	ug/L
Lab Code:	R2405028-011	**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	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 00:16	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 00:16	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/15/24 00:16	
Tetrachloro-m-xylene	56	10 - 103	06/15/24 00:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 08:55
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-025-SG	**Units:**	ug/L
Lab Code:	R2405028-012	**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	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 00:43	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 00:43	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 118	06/15/24 00:43	
Tetrachloro-m-xylene	59	10 - 103	06/15/24 00:43	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 11:40
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-027-SG	**Units:**	ug/L
Lab Code:	R2405028-013	**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	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 00:56	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 00:56	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10 - 118	06/15/24 00:56	
Tetrachloro-m-xylene	60	10 - 103	06/15/24 00:56	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:00
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-029-SG	**Units:**	ug/L
Lab Code:	R2405028-014	**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	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 01:50	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 01:50	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	35	10 - 118	06/15/24 01:50	
Tetrachloro-m-xylene	62	10 - 103	06/15/24 01:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 09:30
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-018-JA	**Units:**	ug/L
Lab Code:	R2405028-015	**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	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 02:04	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 02:04	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 118	06/15/24 02:04	
Tetrachloro-m-xylene	51	10 - 103	06/15/24 02:04	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 10:20
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-020-JA	**Units:**	ug/L
Lab Code:	R2405028-016	**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	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 02:17	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 02:17	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/15/24 02:17	
Tetrachloro-m-xylene	53	10 - 103	06/15/24 02:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 12:15
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-024-JA	**Units:**	ug/L
Lab Code:	R2405028-017	**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	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 02:31	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 02:31	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	44	10 - 118	06/15/24 02:31	
Tetrachloro-m-xylene	48	10 - 103	06/15/24 02:31	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-026-JA	**Units:**	ug/L
Lab Code:	R2405028-018	**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	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/13/24 22:59	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/13/24 22:59	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 118	06/13/24 22:59	
Tetrachloro-m-xylene	54	10 - 103	06/13/24 22:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/06/24 13:50
Sample Matrix:	Water	**Date Received:**	06/07/24 16:40
Sample Name:	WG-TR1045-18A-410-060624-028-JA	**Units:**	ug/L
Lab Code:	R2405028-019	**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	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/13/24 23:26	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/13/24 23:26	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 118	06/13/24 23:26	
Tetrachloro-m-xylene	44	10 - 103	06/13/24 23:26	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028

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: 8260C

Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
WG-TR1045-18A-410-060524-012-JA	R2405028-001	101	98	97
WG-TR1045-18A-410-060524-013-SG	R2405028-002	102	96	97
WG-TR1045-18A-410-060524-014-JA	R2405028-003	103	98	99
WG-TR1045-18A-410-060524-015-SG	R2405028-004	105	100	100
WG-TR1045-18A-410-060524-016-JA	R2405028-005	102	97	99
WG-TR1045-18A-410-060524-017-SG	R2405028-006	102	99	100
WG-TR1045-18A-410-060524-019-SG	R2405028-007	102	98	98
WG-TR1045-18A-410-060524-021-SG	R2405028-008	102	99	99
WG-TR1045-18A-410-060524-023-SG	R2405028-009	99	97	96
Trip Blank	R2405028-010	101	96	98
WG-TR1045-18A-410-060624-022-SG	R2405028-011	102	101	100
WG-TR1045-18A-410-060624-025-SG	R2405028-012	106	99	99
WG-TR1045-18A-410-060624-027-SG	R2405028-013	107	100	100
WG-TR1045-18A-410-060624-029-SG	R2405028-014	104	97	98
WG-TR1045-18A-410-060624-018-JA	R2405028-015	105	99	100
WG-TR1045-18A-410-060624-020-JA	R2405028-016	103	100	99
WG-TR1045-18A-410-060624-024-JA	R2405028-017	108	100	101
WG-TR1045-18A-410-060624-026-JA	R2405028-018	102	97	99
WG-TR1045-18A-410-060624-028-JA	R2405028-019	101	98	98
Lab Control Sample	RQ2406809-03	107	101	100
Method Blank	RQ2406809-04	103	99	100
Lab Control Sample	RQ2406865-03	104	98	98
Method Blank	RQ2406865-04	100	97	96
WG-TR1045-18A-410-060524-019-SG MS	RQ2406865-05	105	102	100
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406865-06	111	102	101

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/15/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406865-05			RQ2406865-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	5.0 U	52.7	50.0	105	55.8	50.0	112	74-127	6	30
1,1,2,2-Tetrachloroethane	5.0 U	48.3	50.0	97	51.0	50.0	102	72-122	5	30
1,1,2-Trichloroethane	5.0 U	50.6	50.0	101	53.1	50.0	106	82-121	5	30
1,1-Dichloroethane (1,1-DCA)	5.0 U	49.7	50.0	99	52.5	50.0	105	74-132	5	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	51.1	50.0	102	53.9	50.0	108	71-118	5	30
1,2-Dichloroethane	5.0 U	50.9	50.0	102	53.7	50.0	107	68-130	5	30
1,2-Dichloropropane	5.0 U	44.2	50.0	88	47.2	50.0	94	79-124	7	30
2-Butanone (MEK)	10 U	56.1	50.0	112	56.8	50.0	114	61-137	1	30
2-Hexanone	10 U	53.8	50.0	108	54.0	50.0	108	56-132	<1	30
4-Methyl-2-pentanone	10 U	54.0	50.0	108	54.7	50.0	109	60-141	1	30
Acetone	10 U	60.4	50.0	121	60.6	50.0	121	35-183	<1	30
Benzene	5.0 U	50.8	50.0	102	54.2	50.0	108	76-129	6	30
Bromodichloromethane	5.0 U	50.5	50.0	101	53.9	50.0	108	78-133	7	30
Bromoform	5.0 U	51.5	50.0	103	56.6	50.0	113	58-133	9	30
Bromomethane	5.0 U	14.8	50.0	30	17.0	50.0	34	10-184	14	30
Carbon Disulfide	10 U	47.0	50.0	94	46.4	50.0	93	59-140	1	30
Carbon Tetrachloride	5.0 U	47.6	50.0	95	50.7	50.0	101	65-135	6	30
Chlorobenzene	5.0 U	47.7	50.0	95	50.4	50.0	101	76-125	6	30
Chloroethane	5.0 U	47.7	50.0	95	46.8	50.0	94	48-146	2	30
Chloroform	5.0 U	50.7	50.0	101	53.5	50.0	107	75-130	6	30
Chloromethane	5.0 U	32.0	50.0	64	32.9	50.0	66	55-160	3	30
Dibromochloromethane	5.0 U	48.6	50.0	97	52.0	50.0	104	72-128	7	30
Dichloromethane	5.0 U	48.7	50.0	97	50.7	50.0	101	73-122	4	30
Ethylbenzene	5.0 U	48.4	50.0	97	51.8	50.0	104	72-134	7	30
Styrene	5.0 U	49.2	50.0	98	52.4	50.0	105	74-136	6	30
Tetrachloroethene (PCE)	5.0 U	48.3	50.0	97	51.1	50.0	102	72-125	6	30
Toluene	5.0 U	50.6	50.0	101	54.1	50.0	108	79-119	7	30
Trichloroethene (TCE)	5.0 U	50.9	50.0	102	53.7	50.0	107	74-122	5	30
Vinyl Acetate	10 U	71.1	50.0	142	68.6	50.0	137	48-172	4	30
Vinyl Chloride	5.0 U	45.6	50.0	91	47.9	50.0	96	74-159	5	30
Xylenes, Total	5.0 U	148	150	99	157	150	104	78-121	6	30
cis-1,2-Dichloroethene	5.0 U	50.9	50.0	102	53.1	50.0	106	77-127	4	30
cis-1,3-Dichloropropene	5.0 U	49.8	50.0	100	53.3	50.0	107	52-134	7	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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/15/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2406865-05			Duplicate Matrix Spike RQ2406865-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
trans-1,2-Dichloroethene	5.0 U	48.7	50.0	97	51.2	50.0	102	73-118	5	30
trans-1,3-Dichloropropene	5.0 U	49.8	50.0	100	53.6	50.0	107	71-133	7	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:**	R2405028
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:	RQ2406809-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/13/24 16:50	
2-Butanone (MEK)	10 U	10	0.78	1	06/13/24 16:50	
2-Hexanone	10 U	10	0.20	1	06/13/24 16:50	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/13/24 16:50	
Acetone	10 U	10	5.0	1	06/13/24 16:50	
Benzene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
Bromoform	5.0 U	5.0	0.25	1	06/13/24 16:50	
Bromomethane	5.0 U	5.0	0.70	1	06/13/24 16:50	
Carbon Disulfide	10 U	10	0.42	1	06/13/24 16:50	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/13/24 16:50	
Chlorobenzene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Chloroethane	5.0 U	5.0	0.23	1	06/13/24 16:50	
Chloroform	5.0 U	5.0	0.51	1	06/13/24 16:50	
Chloromethane	5.0 U	5.0	0.80	1	06/13/24 16:50	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/13/24 16:50	
Dichloromethane	5.0 U	5.0	0.65	1	06/13/24 16:50	
Ethylbenzene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Styrene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/13/24 16:50	
Toluene	5.0 U	5.0	0.20	1	06/13/24 16:50	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/13/24 16:50	
Vinyl Acetate	10 U	10	1.1	1	06/13/24 16:50	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/13/24 16:50	
Xylenes, Total	5.0 U	5.0	0.23	1	06/13/24 16:50	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/13/24 16:50	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/13/24 16:50	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/13/24 16:50	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/13/24 16:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406809-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/13/24 16:50	
Dibromofluoromethane	99	80 - 116	06/13/24 16:50	
Toluene-d8	100	87 - 121	06/13/24 16:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406809-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	6.9	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 22:32	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 22:32	
2-Hexanone	10 U	10	0.20	1	06/14/24 22:32	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 22:32	
Acetone	10 U	10	5.0	1	06/14/24 22:32	
Benzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 22:32	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 22:32	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 22:32	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 22:32	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 22:32	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 22:32	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 22:32	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 22:32	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Styrene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 22:32	
Toluene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 22:32	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 22:32	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 22:32	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 22:32	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 22:32	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 22:32	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 22:32	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 22:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/14/24 22:32	
Dibromofluoromethane	97	80 - 116	06/14/24 22:32	
Toluene-d8	96	87 - 121	06/14/24 22:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	7.5	J

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/13/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406809-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	17.5	20.0	88	75-125
1,1,2,2-Tetrachloroethane	8260C	17.5	20.0	87	78-126
1,1,2-Trichloroethane	8260C	17.9	20.0	90	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	17.5	20.0	87	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	16.1	20.0	80	69-142
1,2-Dichloroethane	8260C	18.6	20.0	93	71-127
1,2-Dichloropropane	8260C	16.5	20.0	82	80-119
2-Butanone (MEK)	8260C	19.2	20.0	96	61-137
2-Hexanone	8260C	18.1	20.0	91	63-124
4-Methyl-2-pentanone	8260C	18.6	20.0	93	66-124
Acetone	8260C	18.2	20.0	91	40-161
Benzene	8260C	17.5	20.0	88	79-119
Bromodichloromethane	8260C	18.1	20.0	91	81-123
Bromoform	8260C	19.0	20.0	95	65-146
Bromomethane	8260C	14.0	20.0	70	42-166
Carbon Disulfide	8260C	16.1	20.0	81	66-128
Carbon Tetrachloride	8260C	15.4	20.0	77	70-127
Chlorobenzene	8260C	16.7	20.0	84	80-121
Chloroethane	8260C	13.4	20.0	67	62-131
Chloroform	8260C	18.2	20.0	91	79-120
Chloromethane	8260C	14.0	20.0	70 *	72-179
Dibromochloromethane	8260C	17.4	20.0	87	72-128
Dichloromethane	8260C	17.8	20.0	89	73-122
Ethylbenzene	8260C	16.6	20.0	83	76-120
Styrene	8260C	17.8	20.0	89	80-124
Tetrachloroethene (PCE)	8260C	16.4	20.0	82	72-125
Toluene	8260C	17.4	20.0	87	79-119
Trichloroethene (TCE)	8260C	17.1	20.0	86	74-122
Vinyl Acetate	8260C	28.7	20.0	143	52-174
Vinyl Chloride	8260C	15.4	20.0	77	74-159
Xylenes, Total	8260C	51.5	60.0	86	78-121
cis-1,2-Dichloroethene	8260C	18.0	20.0	90	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/13/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406809-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	18.6	20.0	93	77-122
trans-1,2-Dichloroethene	8260C	16.7	20.0	84	73-118
trans-1,3-Dichloropropene	8260C	18.8	20.0	94	71-133

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/14/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406865-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	20.8	20.0	104	75-125
1,1,2,2-Tetrachloroethane	8260C	21.0	20.0	105	78-126
1,1,2-Trichloroethane	8260C	20.9	20.0	105	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	19.9	20.0	100	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	19.8	20.0	99	69-142
1,2-Dichloroethane	8260C	21.2	20.0	106	71-127
1,2-Dichloropropane	8260C	17.7	20.0	89	80-119
2-Butanone (MEK)	8260C	22.7	20.0	113	61-137
2-Hexanone	8260C	21.2	20.0	106	63-124
4-Methyl-2-pentanone	8260C	20.9	20.0	104	66-124
Acetone	8260C	22.8	20.0	114	40-161
Benzene	8260C	20.3	20.0	101	79-119
Bromodichloromethane	8260C	20.4	20.0	102	81-123
Bromoform	8260C	21.6	20.0	108	65-146
Bromomethane	8260C	12.4	20.0	62	42-166
Carbon Disulfide	8260C	16.3	20.0	82	66-128
Carbon Tetrachloride	8260C	18.4	20.0	92	70-127
Chlorobenzene	8260C	19.3	20.0	97	80-121
Chloroethane	8260C	15.5	20.0	78	62-131
Chloroform	8260C	20.9	20.0	104	79-120
Chloromethane	8260C	15.2	20.0	76	72-179
Dibromochloromethane	8260C	20.2	20.0	101	72-128
Dichloromethane	8260C	20.2	20.0	101	73-122
Ethylbenzene	8260C	19.7	20.0	99	76-120
Styrene	8260C	20.8	20.0	104	80-124
Tetrachloroethene (PCE)	8260C	19.3	20.0	97	72-125
Toluene	8260C	20.2	20.0	101	79-119
Trichloroethene (TCE)	8260C	20.3	20.0	101	74-122
Vinyl Acetate	8260C	27.9	20.0	140	52-174
Vinyl Chloride	8260C	17.9	20.0	89	74-159
Xylenes, Total	8260C	60.3	60.0	101	78-121
cis-1,2-Dichloroethene	8260C	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: R2405028
Date Analyzed: 06/14/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406865-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	21.3	20.0	107	77-122
trans-1,2-Dichloroethene	8260C	19.5	20.0	97	73-118
trans-1,3-Dichloropropene	8260C	21.7	20.0	109	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:** R2405028

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: 8270D

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-18A-410-060524-012-JA	R2405028-001	72	68	46
WG-TR1045-18A-410-060524-013-SG	R2405028-002	82	69	44
WG-TR1045-18A-410-060524-014-JA	R2405028-003	75	75	45
WG-TR1045-18A-410-060524-015-SG	R2405028-004	80	73	45
WG-TR1045-18A-410-060524-016-JA	R2405028-005	74	65	41
WG-TR1045-18A-410-060524-017-SG	R2405028-006	74	69	44
WG-TR1045-18A-410-060524-019-SG	R2405028-007	70	61	42
WG-TR1045-18A-410-060524-021-SG	R2405028-008	73	66	41
WG-TR1045-18A-410-060524-023-SG	R2405028-009	69	67	44
WG-TR1045-18A-410-060624-022-SG	R2405028-011	57	66	57
WG-TR1045-18A-410-060624-025-SG	R2405028-012	58	67	45
WG-TR1045-18A-410-060624-027-SG	R2405028-013	57	65	44
WG-TR1045-18A-410-060624-029-SG	R2405028-014	50	72	46
WG-TR1045-18A-410-060624-018-JA	R2405028-015	50	55	39
WG-TR1045-18A-410-060624-020-JA	R2405028-016	53	55	39
WG-TR1045-18A-410-060624-024-JA	R2405028-017	47	63	43
WG-TR1045-18A-410-060624-026-JA	R2405028-018	46	68	43
WG-TR1045-18A-410-060624-028-JA	R2405028-019	46	78	49
WG-TR1045-18A-410-060524-019-SG MS	RQ2406506-01	104	85	53
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406506-02	93	76	46
Method Blank	RQ2406506-03	81	69	49
Lab Control Sample	RQ2406506-04	98	78	51
Duplicate Lab Control Sample	RQ2406506-05	101	78	55

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028
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: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-18A-410-060524-012-JA	R2405028-001	71	31	77
WG-TR1045-18A-410-060524-013-SG	R2405028-002	71	29	98
WG-TR1045-18A-410-060524-014-JA	R2405028-003	73	31	90
WG-TR1045-18A-410-060524-015-SG	R2405028-004	73	31	99
WG-TR1045-18A-410-060524-016-JA	R2405028-005	66	29	88
WG-TR1045-18A-410-060524-017-SG	R2405028-006	71	29	88
WG-TR1045-18A-410-060524-019-SG	R2405028-007	64	27	84
WG-TR1045-18A-410-060524-021-SG	R2405028-008	68	28	96
WG-TR1045-18A-410-060524-023-SG	R2405028-009	70	29	96
WG-TR1045-18A-410-060624-022-SG	R2405028-011	74	54	69
WG-TR1045-18A-410-060624-025-SG	R2405028-012	71	29	93
WG-TR1045-18A-410-060624-027-SG	R2405028-013	70	29	92
WG-TR1045-18A-410-060624-029-SG	R2405028-014	79	30	90
WG-TR1045-18A-410-060624-018-JA	R2405028-015	60	25	87
WG-TR1045-18A-410-060624-020-JA	R2405028-016	60	27	96
WG-TR1045-18A-410-060624-024-JA	R2405028-017	68	27	89
WG-TR1045-18A-410-060624-026-JA	R2405028-018	70	30	84
WG-TR1045-18A-410-060624-028-JA	R2405028-019	80	34	95
WG-TR1045-18A-410-060524-019-SG MS	RQ2406506-01	88	39	104
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406506-02	76	33	91
Method Blank	RQ2406506-03	75	34	101
Lab Control Sample	RQ2406506-04	80	38	104
Duplicate Lab Control Sample	RQ2406506-05	83	41	106

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24
		Date Extracted:	06/10/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406506-01			RQ2406506-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	9.8 U	53.2	78.4	68	45.6	80.0	57	10-127	18	30
1,2-Dichlorobenzene	9.8 U	53.2	78.4	68	46.8	80.0	58	17-105	16	30
1,3-Dichlorobenzene	9.8 U	49.6	78.4	63	44.7	80.0	56	21-99	12	30
1,4-Dichlorobenzene	9.8 U	47.0	78.4	60	43.0	80.0	54	10-124	11	30
2,4,5-Trichlorophenol	9.8 U	75.0	78.4	96	68.6	80.0	86	48-134	11	30
2,4,6-Trichlorophenol	9.8 U	72.9	78.4	93	64.8	80.0	81	44-135	14	30
2,4-Dichlorophenol	9.8 U	68.9	78.4	88	59.8	80.0	75	40-130	16	30
2,4-Dimethylphenol	9.8 U	70.6	78.4	90	62.1	80.0	78	35-99	14	30
2,4-Dinitrophenol	49 U	32.2 J	78.4	41	23.4 J	80.0	29	21-168	34*	30
2,4-Dinitrotoluene	9.8 U	90.4	78.4	115	78.2	80.0	98	37-143	16	30
2,6-Dinitrotoluene	9.8 U	87.0	78.4	111	79.4	80.0	99	39-136	11	30
2-Chloronaphthalene	9.8 U	63.6	78.4	81	57.5	80.0	72	40-108	12	30
2-Chlorophenol	9.8 U	60.6	78.4	77	55.1	80.0	69	37-112	11	30
2-Methylnaphthalene	9.8 U	57.7	78.4	74	50.3	80.0	63	34-102	16	30
2-Methylphenol	9.8 U	62.2	78.4	79	53.9	80.0	67	37-102	16	30
2-Nitroaniline	9.8 U	87.9	78.4	112	76.1	80.0	95	40-136	16	30
2-Nitrophenol	9.8 U	70.3	78.4	90	61.4	80.0	77	27-143	16	30
3,3'-Dichlorobenzidine	9.8 U	55.0	78.4	70	49.8	80.0	62	11-131	12	30
3- and 4-Methylphenol Coelution	9.8 U	62.6	78.4	80	55.1	80.0	69	30-95	15	30
3-Nitroaniline	9.8 U	78.8	78.4	100	72.1	80.0	90	19-117	11	30
4,6-Dinitro-2-methylphenol	49 U	59.8	78.4	76	52.9	80.0	66	25-154	14	30
4-Bromophenyl Phenyl Ether	9.8 U	69.9	78.4	89	61.0	80.0	76	39-115	16	30
4-Chloro-3-methylphenol	9.8 U	71.8	78.4	92	62.1	80.0	78	41-126	16	30
4-Chloroaniline	9.8 U	69.4	78.4	88	62.5	80.0	78	19-111	12	30
4-Chlorophenyl Phenyl Ether	9.8 U	65.7	78.4	84	59.5	80.0	74	41-111	13	30
4-Nitroaniline	9.8 U	85.2	78.4	109	74.2	80.0	93	18-143	16	30
4-Nitrophenol	49 U	31.5 J	78.4	40	26.8 J	80.0	33	10-126	19	30
Acenaphthene	9.8 U	69.3	78.4	88	61.8	80.0	77	43-117	13	30
Acenaphthylene	9.8 U	72.9	78.4	93	64.2	80.0	80	45-119	15	30
Anthracene	9.8 U	77.7	78.4	99	69.9	80.0	87	45-127	13	30
Benz(a)anthracene	9.8 U	79.9	78.4	102	70.7	80.0	88	46-126	15	30
Benzo(a)pyrene	9.8 U	82.4	78.4	105	72.4	80.0	90	44-114	15	30
Benzo(b)fluoranthene	9.8 U	77.3	78.4	99	67.5	80.0	84	41-127	16	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:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24
		Date Extracted:	06/10/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike RQ2406506-01			Duplicate Matrix Spike RQ2406506-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	9.8 U	78.4	78.4	100	69.9	80.0	87	50-143	14	30
Benzo(k)fluoranthene	9.8 U	80.6	78.4	103	72.6	80.0	91	46-139	12	30
Benzoic Acid	49 U	56.2	78.4	72	46.9 J	80.0	59	10-94	20	30
Benzyl Alcohol	9.8 U	62.0	78.4	79	57.1	80.0	71	31-109	11	30
2,2'-Oxybis(1-chloropropane)	9.8 U	66.9	78.4	85	61.2	80.0	76	21-126	11	30
Bis(2-chloroethoxy)methane	9.8 U	75.8	78.4	97	66.2	80.0	83	41-118	16	30
Bis(2-chloroethyl) Ether	9.8 U	67.1	78.4	86	60.0	80.0	75	33-108	14	30
Bis(2-ethylhexyl) Phthalate	9.8 U	76.6	78.4	98	66.9	80.0	84	41-132	15	30
Butyl Benzyl Phthalate	9.8 U	75.0	78.4	96	65.8	80.0	82	41-148	16	30
Chrysene	9.8 U	79.5	78.4	101	69.6	80.0	87	47-126	15	30
Di-n-butyl Phthalate	9.8 U	75.9	78.4	97	67.5	80.0	84	43-130	14	30
Di-n-octyl Phthalate	9.8 U	77.5	78.4	99	66.3	80.0	83	40-139	18	30
Dibenz(a,h)anthracene	9.8 U	75.1	78.4	96	66.5	80.0	83	43-136	15	30
Dibenzofuran	9.8 U	71.1	78.4	91	62.9	80.0	79	46-119	14	30
Diethyl Phthalate	9.8 U	79.7	78.4	102	71.4	80.0	89	36-122	14	30
Dimethyl Phthalate	9.8 U	78.4	78.4	100	70.5	80.0	88	33-123	13	30
Fluoranthene	9.8 U	79.7	78.4	102	72.1	80.0	90	43-135	13	30
Fluorene	9.8 U	72.7	78.4	93	64.7	80.0	81	43-113	14	30
Hexachlorobenzene	9.8 U	68.2	78.4	87	60.4	80.0	76	42-125	13	30
Hexachlorobutadiene	9.8 U	53.4	78.4	68	45.0	80.0	56	10-111	19	30
Hexachlorocyclopentadiene	9.8 U	31.9	78.4	41	27.6	80.0	34	10-103	19	30
Hexachloroethane	9.8 U	47.8	78.4	61	43.9	80.0	55	12-101	10	30
Indeno(1,2,3-cd)pyrene	9.8 U	73.5	78.4	94	66.4	80.0	83	49-140	12	30
Isophorone	9.8 U	68.2	78.4	87	59.8	80.0	75	40-111	15	30
N-Nitrosodi-n-propylamine	9.8 U	70.1	78.4	89	63.0	80.0	79	35-108	12	30
N-Nitrosodiphenylamine	9.8 U	80.9	78.4	103	73.0	80.0	91	43-127	12	30
Naphthalene	9.8 U	58.4	78.4	74	51.0	80.0	64	37-108	14	30
Nitrobenzene	9.8 U	69.3	78.4	88	61.1	80.0	76	35-112	15	30
Pentachlorophenol (PCP)	49 U	45.1 J	78.4	57	36.6 J	80.0	46	29-164	21	30
Phenanthrene	9.8 U	75.3	78.4	96	67.5	80.0	84	46-123	13	30
Phenol	9.8 U	33.3	78.4	43	28.6	80.0	36	10-113	18	30
Pyrene	9.8 U	78.8	78.4	101	68.9	80.0	86	44-129	16	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:**	R2405028
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:	RQ2406506-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/12/24 18:07	6/10/24	
2,4-Dinitrophenol	50 U	50	20	1	06/12/24 18:07	6/10/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/12/24 18:07	6/10/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
2-Chlorophenol	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
2-Methylphenol	10 U	10	1.0	1	06/12/24 18:07	6/10/24	
2-Nitroaniline	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
2-Nitrophenol	10 U	10	1.5	1	06/12/24 18:07	6/10/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
3-Nitroaniline	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/12/24 18:07	6/10/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/12/24 18:07	6/10/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
4-Chloroaniline	10 U	10	1.0	1	06/12/24 18:07	6/10/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/12/24 18:07	6/10/24	
4-Nitroaniline	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
4-Nitrophenol	50 U	50	6.4	1	06/12/24 18:07	6/10/24	
Acenaphthene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Acenaphthylene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Anthracene	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Benz(a)anthracene	10 U	10	1.6	1	06/12/24 18:07	6/10/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/12/24 18:07	6/10/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Benzoic Acid	50 U	50	36	1	06/12/24 18:07	6/10/24	
Benzyl Alcohol	10 U	10	1.6	1	06/12/24 18:07	6/10/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/12/24 18:07	6/10/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/12/24 18:07	6/10/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Chrysene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406506-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/12/24 18:07	6/10/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/12/24 18:07	6/10/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
Dibenzofuran	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Diethyl Phthalate	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Fluoranthene	10 U	10	1.5	1	06/12/24 18:07	6/10/24	
Fluorene	10 U	10	1.3	1	06/12/24 18:07	6/10/24	
Hexachlorobenzene	10 U	10	1.6	1	06/12/24 18:07	6/10/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/12/24 18:07	6/10/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/12/24 18:07	6/10/24	
Hexachloroethane	10 U	10	1.1	1	06/12/24 18:07	6/10/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/12/24 18:07	6/10/24	
Isophorone	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/12/24 18:07	6/10/24	
Naphthalene	10 U	10	1.2	1	06/12/24 18:07	6/10/24	
Nitrobenzene	10 U	10	1.5	1	06/12/24 18:07	6/10/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/12/24 18:07	6/10/24	
Phenanthrene	10 U	10	1.4	1	06/12/24 18:07	6/10/24	
Phenol	10 U	10	1.0	1	06/12/24 18:07	6/10/24	
Pyrene	10 U	10	1.5	1	06/12/24 18:07	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	81	31 - 133	06/12/24 18:07	
2-Fluorobiphenyl	69	25 - 99	06/12/24 18:07	
2-Fluorophenol	49	15 - 72	06/12/24 18:07	
Nitrobenzene-d5	75	22 - 104	06/12/24 18:07	
Phenol-d6	34	10 - 55	06/12/24 18:07	
p-Terphenyl-d14	101	10 - 143	06/12/24 18:07	

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: R2405028
Date Analyzed: 06/12/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406506-04			RQ2406506-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270D	47.9	80.0	60	54.6	80.0	68	26-85	13	30
1,2-Dichlorobenzene	8270D	46.6	80.0	58	55.7	80.0	70	20-85	19	30
1,3-Dichlorobenzene	8270D	45.3	80.0	57	51.9	80.0	65	18-83	13	30
1,4-Dichlorobenzene	8270D	42.2	80.0	53	50.7	80.0	63	18-82	17	30
2,4,5-Trichlorophenol	8270D	71.3	80.0	89	76.1	80.0	95	55-114	7	30
2,4,6-Trichlorophenol	8270D	69.4	80.0	87	72.3	80.0	90	49-103	3	30
2,4-Dichlorophenol	8270D	64.2	80.0	80	68.0	80.0	85	43-101	6	30
2,4-Dimethylphenol	8270D	69.2	80.0	87	69.9	80.0	87	45-129	<1	30
2,4-Dinitrophenol	8270D	56.9	80.0	71	65.4	80.0	82	14-129	14	30
2,4-Dinitrotoluene	8270D	82.8	80.0	103	87.8	80.0	110	58-124	7	30
2,6-Dinitrotoluene	8270D	79.6	80.0	100	84.6	80.0	106	62-126	6	30
2-Chloronaphthalene	8270D	55.4	80.0	69	60.7	80.0	76	38-97	10	30
2-Chlorophenol	8270D	56.8	80.0	71	62.3	80.0	78	33-93	9	30
2-Methylnaphthalene	8270D	51.5	80.0	64	55.9	80.0	70	35-94	9	30
2-Methylphenol	8270D	57.8	80.0	72	64.9	80.0	81	41-97	12	30
2-Nitroaniline	8270D	79.0	80.0	99	83.6	80.0	105	56-122	6	30
2-Nitrophenol	8270D	66.0	80.0	83	69.4	80.0	87	36-101	5	30
3,3'-Dichlorobenzidine	8270D	51.5	80.0	64	55.5	80.0	69	37-130	8	30
3- and 4-Methylphenol Coelution	8270D	58.9	80.0	74	63.1	80.0	79	40-92	7	30
3-Nitroaniline	8270D	75.4	80.0	94	78.8	80.0	99	52-115	5	30
4,6-Dinitro-2-methylphenol	8270D	59.4	80.0	74	64.2	80.0	80	31-119	8	30
4-Bromophenyl Phenyl Ether	8270D	61.4	80.0	77	66.3	80.0	83	54-123	8	30
4-Chloro-3-methylphenol	8270D	68.1	80.0	85	70.4	80.0	88	52-104	3	30
4-Chloroaniline	8270D	67.4	80.0	84	73.8	80.0	92	43-113	9	30
4-Chlorophenyl Phenyl Ether	8270D	57.7	80.0	72	63.0	80.0	79	52-113	9	30
4-Nitroaniline	8270D	77.9	80.0	97	81.8	80.0	102	54-118	5	30
4-Nitrophenol	8270D	29.3 J	80.0	37	34.0 J	80.0	43	16-64	15	30
Acenaphthene	8270D	59.0	80.0	74	63.6	80.0	79	46-103	7	30
Acenaphthylene	8270D	62.7	80.0	78	67.5	80.0	84	51-114	7	30
Anthracene	8270D	71.0	80.0	89	74.7	80.0	93	61-115	4	30
Benz(a)anthracene	8270D	73.1	80.0	91	76.2	80.0	95	60-110	4	30
Benzo(a)pyrene	8270D	73.0	80.0	91	76.2	80.0	95	68-137	4	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/12/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406506-04			RQ2406506-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	72.0	80.0	90	75.4	80.0	94	59-114	4	30
Benzo(g,h,i)perylene	8270D	73.5	80.0	92	75.2	80.0	94	60-123	2	30
Benzo(k)fluoranthene	8270D	74.7	80.0	93	80.2	80.0	100	62-122	7	30
Benzoic Acid	8270D	68.8	80.0	86	72.9	80.0	91	10-110	6	30
Benzyl Alcohol	8270D	61.6	80.0	77	64.9	80.0	81	46-106	5	30
2,2'-Oxybis(1-chloropropane)	8270D	61.9	80.0	77	68.1	80.0	85	32-104	10	30
Bis(2-chloroethoxy)methane	8270D	71.7	80.0	90	75.2	80.0	94	55-126	4	30
Bis(2-chloroethyl) Ether	8270D	60.4	80.0	75	66.7	80.0	83	36-101	10	30
Bis(2-ethylhexyl) Phthalate	8270D	73.3	80.0	92	78.6	80.0	98	51-132	6	30
Butyl Benzyl Phthalate	8270D	67.7	80.0	85	73.4	80.0	92	54-122	8	30
Chrysene	8270D	74.4	80.0	93	76.0	80.0	95	64-116	2	30
Di-n-butyl Phthalate	8270D	72.2	80.0	90	77.2	80.0	97	61-147	7	30
Di-n-octyl Phthalate	8270D	71.7	80.0	90	78.8	80.0	99	43-139	10	30
Dibenz(a,h)anthracene	8270D	70.8	80.0	88	74.7	80.0	93	34-140	6	30
Dibenzofuran	8270D	61.4	80.0	77	66.9	80.0	84	50-107	9	30
Diethyl Phthalate	8270D	74.0	80.0	92	78.8	80.0	98	57-113	6	30
Dimethyl Phthalate	8270D	74.1	80.0	93	77.5	80.0	97	64-114	4	30
Fluoranthene	8270D	71.1	80.0	89	73.9	80.0	92	58-129	3	30
Fluorene	8270D	64.5	80.0	81	68.4	80.0	86	54-111	6	30
Hexachlorobenzene	8270D	63.4	80.0	79	66.3	80.0	83	54-122	5	30
Hexachlorobutadiene	8270D	47.0	80.0	59	54.6	80.0	68	25-89	14	30
Hexachlorocyclopentadiene	8270D	30.4	80.0	38	35.6	80.0	45	10-71	17	30
Hexachloroethane	8270D	43.1	80.0	54	52.4	80.0	65	16-81	18	30
Indeno(1,2,3-cd)pyrene	8270D	69.9	80.0	87	71.2	80.0	89	54-119	2	30
Isophorone	8270D	63.7	80.0	80	65.7	80.0	82	51-108	2	30
N-Nitrosodi-n-propylamine	8270D	63.7	80.0	80	70.8	80.0	89	44-101	11	30
N-Nitrosodiphenylamine	8270D	75.4	80.0	94	79.3	80.0	99	65-126	5	30
Naphthalene	8270D	53.1	80.0	66	58.8	80.0	74	32-91	11	30
Nitrobenzene	8270D	65.1	80.0	81	67.2	80.0	84	39-100	4	30
Pentachlorophenol (PCP)	8270D	51.9	80.0	65	57.2	80.0	72	11-154	10	30
Phenanthrene	8270D	70.2	80.0	88	72.7	80.0	91	60-111	3	30
Phenol	8270D	32.9	80.0	41	35.8	80.0	45	10-67	9	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/12/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406506-04			RQ2406506-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	70.2	80.0	88	74.4	80.0	93	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:** R2405028

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-TR1045-18A-410-060524-012-JA	R2405028-001	34	63
WG-TR1045-18A-410-060524-013-SG	R2405028-002	56	65
WG-TR1045-18A-410-060524-014-JA	R2405028-003	70	73
WG-TR1045-18A-410-060524-015-SG	R2405028-004	81	70
WG-TR1045-18A-410-060524-016-JA	R2405028-005	40	73
WG-TR1045-18A-410-060524-017-SG	R2405028-006	42	65
WG-TR1045-18A-410-060524-019-SG	R2405028-007	39	63
WG-TR1045-18A-410-060524-021-SG	R2405028-008	64	72
WG-TR1045-18A-410-060524-023-SG	R2405028-009	67	70
WG-TR1045-18A-410-060624-022-SG	R2405028-011	58	62
WG-TR1045-18A-410-060624-025-SG	R2405028-012	53	58
WG-TR1045-18A-410-060624-027-SG	R2405028-013	62	57
WG-TR1045-18A-410-060624-029-SG	R2405028-014	45	59
WG-TR1045-18A-410-060624-018-JA	R2405028-015	32	49
WG-TR1045-18A-410-060624-020-JA	R2405028-016	54	50
WG-TR1045-18A-410-060624-024-JA	R2405028-017	49	46
WG-TR1045-18A-410-060624-026-JA	R2405028-018	60	58
WG-TR1045-18A-410-060624-028-JA	R2405028-019	54	45
Method Blank	RQ2406510-01	41	69
Method Blank	RQ2406510-01	39	64
Lab Control Sample	RQ2406510-02	65	68
Lab Control Sample	RQ2406510-02	68	67
Duplicate Lab Control Sample	RQ2406510-03	66	62
Duplicate Lab Control Sample	RQ2406510-03	66	63
WG-TR1045-18A-410-060524-019-SG MS	RQ2406530-01	49	70
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406530-02	36	60
Method Blank	RQ2406530-05	51	55
Lab Control Sample	RQ2406530-06	60	66
Duplicate Lab Control Sample	RQ2406530-07	51	64
Method Blank	RQ2406568-01	63	53
Method Blank	RQ2406568-01	61	48
Lab Control Sample	RQ2406568-02	56	58
Lab Control Sample	RQ2406568-02	61	56
Duplicate Lab Control Sample	RQ2406568-03	54	61
Duplicate Lab Control Sample	RQ2406568-03	52	54

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/15/24
		Date Extracted:	06/10/24

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8081B		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406530-01			RQ2406530-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	0.050 U	0.313	0.400	78	0.263	0.400	66	38-157	17	30
4,4'-DDE	0.050 U	0.317	0.400	79	0.336	0.400	84	10-200	6	30
4,4'-DDT	0.050 U	0.248	0.400	62	0.221	0.400	55	19-154	12	30
Aldrin	0.050 U	0.314	0.400	78	0.269	0.400	67	26-149	15	30
Dieldrin	0.050 U	0.340	0.400	85	0.317	0.400	79	41-164	7	30
Endosulfan I	0.050 U	0.330	0.400	82	0.294	0.400	74	47-149	11	30
Endosulfan II	0.050 U	0.327	0.400	82	0.295	0.400	74	51-148	10	30
Endosulfan Sulfate	0.050 U	0.241	0.400	60	0.153	0.400	38	10-170	44*	30
Endrin	0.050 U	0.317	0.400	79	0.307	0.400	77	48-165	3	30
Endrin Ketone	0.050 U	0.335	0.400	84	0.311	0.400	78	48-162	8	30
Heptachlor	0.050 U	0.318	0.400	79	0.285	0.400	71	29-168	11	30
Heptachlor Epoxide	0.050 U	0.367	0.400	92	0.330	0.400	82	29-180	11	30
Methoxychlor	0.050 U	0.278	0.400	70	0.265	0.400	66	38-162	5	30
alpha-BHC	0.050 U	0.349	0.400	87	0.295	0.400	74	27-154	17	30
alpha-Chlordane	0.050 U	0.334	0.400	84	0.294	0.400	74	35-160	13	30
beta-BHC	0.050 U	0.369	0.400	92	0.328	0.400	82	32-184	12	30
delta-BHC	0.050 U	0.275	0.400	69	0.181	0.400	45	10-182	41*	30
gamma-BHC (Lindane)	0.050 U	0.342	0.400	85	0.284	0.400	71	43-164	18	30
gamma-Chlordane	0.050 U	0.339	0.400	85	0.313	0.400	78	35-165	8	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:**	R2405028
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:	RQ2406510-01	**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	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 20:49	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/14/24 20:49	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406510-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	41	10 - 111	06/14/24 20:49	
Tetrachloro-m-xylene	68	10 - 101	06/14/24 20:49	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406510-01	**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	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 00:51	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406510-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 111	06/15/24 00:51	
Tetrachloro-m-xylene	64	10 - 101	06/15/24 00:51	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406530-05	**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	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 04:19	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 04:19	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 111	06/15/24 04:19	
Tetrachloro-m-xylene	55	10 - 101	06/15/24 04:19	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**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	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 13:36	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 13:36	6/11/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	63	10 - 111	06/19/24 13:36	
Tetrachloro-m-xylene	52	10 - 101	06/19/24 13:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**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	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 15:03	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 15:03	6/11/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	61	10 - 111	06/19/24 15:03	
Tetrachloro-m-xylene	48	10 - 101	06/19/24 15:03	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/15/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406510-02			RQ2406510-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.389	0.400	97	0.394	0.400	99	38-116	1	30
4,4'-DDE	8081B	0.373	0.400	93	0.366	0.400	92	40-107	2	30
4,4'-DDT	8081B	0.402	0.400	100	0.395	0.400	99	41-121	2	30
Aldrin	8081B	0.279	0.400	70	0.238	0.400	60	27-85	16	30
Dieldrin	8081B	0.396	0.400	99	0.392	0.400	98	45-112	<1	30
Endosulfan I	8081B	0.358	0.400	90	0.359	0.400	90	44-111	<1	30
Endosulfan II	8081B	0.396	0.400	99	0.374	0.400	94	44-114	6	30
Endosulfan Sulfate	8081B	0.401	0.400	100	0.397	0.400	99	38-119	1	30
Endrin	8081B	0.449	0.400	112	0.442	0.400	110	47-116	2	30
Endrin Ketone	8081B	0.403	0.400	101	0.406	0.400	102	44-120	<1	30
Heptachlor	8081B	0.346	0.400	86	0.305	0.400	76	33-99	12	30
Heptachlor Epoxide	8081B	0.403	0.400	101	0.404	0.400	101	46-111	<1	30
Methoxychlor	8081B	0.389	0.400	97	0.453	0.400	113	29-138	15	30
alpha-BHC	8081B	0.380	0.400	95	0.385	0.400	96	39-107	1	30
alpha-Chlordane	8081B	0.376	0.400	94	0.367	0.400	92	44-107	3	30
beta-BHC	8081B	0.389	0.400	97	0.395	0.400	99	47-110	1	30
delta-BHC	8081B	0.401	0.400	100	0.406	0.400	102	43-109	1	30
gamma-BHC (Lindane)	8081B	0.388	0.400	97	0.379	0.400	95	41-105	2	30
gamma-Chlordane	8081B	0.384	0.400	96	0.372	0.400	93	41-107	3	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/15/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406530-06			RQ2406530-07					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.313	0.400	78	0.327	0.400	82	38-116	4	30
4,4'-DDE	8081B	0.350	0.400	87	0.338	0.400	84	40-107	4	30
4,4'-DDT	8081B	0.261	0.400	65	0.289	0.400	72	41-121	10	30
Aldrin	8081B	0.280	0.400	70	0.279	0.400	70	27-85	<1	30
Dieldrin	8081B	0.346	0.400	86	0.350	0.400	88	45-112	1	30
Endosulfan I	8081B	0.320	0.400	80	0.318	0.400	80	44-111	<1	30
Endosulfan II	8081B	0.326	0.400	82	0.332	0.400	83	44-114	2	30
Endosulfan Sulfate	8081B	0.267	0.400	67	0.317	0.400	79	38-119	17	30
Endrin	8081B	0.327	0.400	82	0.321	0.400	80	47-116	2	30
Endrin Ketone	8081B	0.346	0.400	87	0.355	0.400	89	44-120	2	30
Heptachlor	8081B	0.291	0.400	73	0.288	0.400	72	33-99	1	30
Heptachlor Epoxide	8081B	0.343	0.400	86	0.348	0.400	87	46-111	1	30
Methoxychlor	8081B	0.267	0.400	67	0.298	0.400	75	29-138	11	30
alpha-BHC	8081B	0.352	0.400	88	0.353	0.400	88	39-107	<1	30
alpha-Chlordane	8081B	0.336	0.400	84	0.329	0.400	82	44-107	2	30
beta-BHC	8081B	0.357	0.400	89	0.353	0.400	88	47-110	<1	30
delta-BHC	8081B	0.294	0.400	74	0.343	0.400	86	43-109	15	30
gamma-BHC (Lindane)	8081B	0.345	0.400	86	0.351	0.400	88	41-105	2	30
gamma-Chlordane	8081B	0.342	0.400	85	0.346	0.400	87	41-107	1	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405028
Date Analyzed: 06/19/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406568-02			RQ2406568-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.329	0.400	82	0.301	0.400	75	38-116	9	30
4,4'-DDE	8081B	0.326	0.400	82	0.342	0.400	85	40-107	5	30
4,4'-DDT	8081B	0.333	0.400	83	0.306	0.400	77	41-121	8	30
Aldrin	8081B	0.230	0.400	57	0.230	0.400	57	27-85	<1	30
Dieldrin	8081B	0.338	0.400	85	0.332	0.400	83	45-112	2	30
Endosulfan I	8081B	0.306	0.400	77	0.307	0.400	77	44-111	<1	30
Endosulfan II	8081B	0.321	0.400	80	0.313	0.400	78	44-114	2	30
Endosulfan Sulfate	8081B	0.261	0.400	65	0.176	0.400	44	38-119	39*	30
Endrin	8081B	0.383	0.400	96	0.378	0.400	94	47-116	1	30
Endrin Ketone	8081B	0.342	0.400	85	0.352	0.400	88	44-120	3	30
Heptachlor	8081B	0.290	0.400	73	0.283	0.400	71	33-99	3	30
Heptachlor Epoxide	8081B	0.351	0.400	88	0.347	0.400	87	46-111	1	30
Methoxychlor	8081B	0.419	0.400	105	0.413	0.400	103	29-138	1	30
alpha-BHC	8081B	0.326	0.400	81	0.313	0.400	78	39-107	4	30
alpha-Chlordane	8081B	0.315	0.400	79	0.310	0.400	77	44-107	2	30
beta-BHC	8081B	0.336	0.400	84	0.335	0.400	84	47-110	<1	30
delta-BHC	8081B	0.267	0.400	67	0.194	0.400	48	43-109	32*	30
gamma-BHC (Lindane)	8081B	0.314	0.400	79	0.298	0.400	75	41-105	5	30
gamma-Chlordane	8081B	0.320	0.400	80	0.316	0.400	79	41-107	1	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405028

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-TR1045-18A-410-060524-012-JA	R2405028-001	27	65
WG-TR1045-18A-410-060524-013-SG	R2405028-002	44	69
WG-TR1045-18A-410-060524-014-JA	R2405028-003	51	73
WG-TR1045-18A-410-060524-015-SG	R2405028-004	60	73
WG-TR1045-18A-410-060524-016-JA	R2405028-005	29	77
WG-TR1045-18A-410-060524-017-SG	R2405028-006	34	66
WG-TR1045-18A-410-060524-019-SG	R2405028-007	33	69
WG-TR1045-18A-410-060524-021-SG	R2405028-008	49	72
WG-TR1045-18A-410-060524-023-SG	R2405028-009	54	71
WG-TR1045-18A-410-060624-022-SG	R2405028-011	49	56
WG-TR1045-18A-410-060624-025-SG	R2405028-012	48	59
WG-TR1045-18A-410-060624-027-SG	R2405028-013	52	60
WG-TR1045-18A-410-060624-029-SG	R2405028-014	35	62
WG-TR1045-18A-410-060624-018-JA	R2405028-015	28	51
WG-TR1045-18A-410-060624-020-JA	R2405028-016	49	53
WG-TR1045-18A-410-060624-024-JA	R2405028-017	44	48
WG-TR1045-18A-410-060624-026-JA	R2405028-018	42	54
WG-TR1045-18A-410-060624-028-JA	R2405028-019	39	44
Method Blank	RQ2406510-01	30	69
Method Blank	RQ2406510-01	28	65
Lab Control Sample	RQ2406510-04	52	76
Lab Control Sample	RQ2406510-04	49	73
Duplicate Lab Control Sample	RQ2406510-05	51	64
Duplicate Lab Control Sample	RQ2406510-05	47	65
WG-TR1045-18A-410-060524-019-SG MS	RQ2406530-03	38	73
WG-TR1045-18A-410-060524-019-SG DMS	RQ2406530-04	36	68
Method Blank	RQ2406530-05	40	59
Lab Control Sample	RQ2406530-08	56	67
Duplicate Lab Control Sample	RQ2406530-09	51	61
Method Blank	RQ2406568-01	47	52
Method Blank	RQ2406568-01	46	51
Lab Control Sample	RQ2406568-04	56	60
Lab Control Sample	RQ2406568-04	58	60
Duplicate Lab Control Sample	RQ2406568-05	48	51
Duplicate Lab Control Sample	RQ2406568-05	48	49

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/05/24
Sample Matrix:	Water	**Date Received:**	06/07/24
		Date Analyzed:	06/14/24
		Date Extracted:	06/10/24

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	WG-TR1045-18A-410-060524-019-SG	**Units:**	ug/L
Lab Code:	R2405028-007	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406530-03			RQ2406530-04					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	1.0 U	3.53	4.00	88	3.50	4.00	87	32-142	<1	30
Aroclor 1260	1.0 U	3.12	4.00	78	3.22	4.00	81	28-142	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:**	R2405028
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:	RQ2406510-01	**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	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 12:53	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	30	10 - 118	06/12/24 12:53	
Tetrachloro-m-xylene	64	10 - 103	06/12/24 12:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406510-01	**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	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 19:45	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 118	06/14/24 19:45	
Tetrachloro-m-xylene	65	10 - 103	06/14/24 19:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406530-05	**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	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 22:27	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 22:27	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 118	06/14/24 22:27	
Tetrachloro-m-xylene	59	10 - 103	06/14/24 22:27	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**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	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/13/24 21:24	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/13/24 21:24	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 118	06/13/24 21:24	
Tetrachloro-m-xylene	51	10 - 103	06/13/24 21:24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405028
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:	RQ2406568-01	**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	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 01:10	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 01:10	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	46	10 - 118	06/15/24 01:10	
Tetrachloro-m-xylene	51	10 - 103	06/15/24 01:10	

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: R2405028
Date Analyzed: 06/14/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406510-04			RQ2406510-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.89	4.00	97	3.75	4.00	94	35-131	4	30
Aroclor 1260	8082A	3.52	4.00	88	3.33	4.00	83	37-141	5	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: R2405028
Date Analyzed: 06/14/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample RQ2406530-08			Duplicate Lab Control Sample RQ2406530-09					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.81	4.00	95	3.63	4.00	91	35-131	5	30
Aroclor 1260	8082A	3.16	4.00	79	3.16	4.00	79	37-141	<1	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: R2405028
Date Analyzed: 06/15/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample RQ2406568-04			Duplicate Lab Control Sample RQ2406568-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.47	4.00	87	3.28	4.00	82	35-131	6	30
Aroclor 1260	8082A	3.08	4.00	77	2.88	4.00	72	37-141	7	30

June 27, 2024 Service Request No:R2405032

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 08, 2024
For your reference, these analyses have been assigned our service request number **R2405032.**

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: R2405032
Date Received: 06/08/2024

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:

Eight water samples were received for analysis at ALS Environmental on 06/08/2024. 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 8270D, 06/17/2024: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) and the Duplicate Laboratory Control Sample (DLCS) was exceeded for one or more analyte. The discrepancy associated with reduced recovery equates to a potential low bias. The associated samples were scheduled for re-extract. The analytes affected are flagged in the LCS Summary.
Method 8270D:The extraction of one or more sample(s) was initially performed within holding time, but were re-extracted due to a QC failure. Efforts were made to re-extract the samples as soon as possible. The re-extraction was performed past the recommended holding time. The data are flagged to indicate the holding time exceedance.

Method 8270D, 06/20/2024: 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 8270D, 06/20/2024: The Method Blank contained a low level of one or more analytes at concentrations above the Method Reporting Limit (MRL). Since there were no detections of the analyte(s) in the associated field samples, the data quality was not significantly affected and no further corrective action was taken. R2405032-004 has hit for Benzoic Acid see original run for confirmation.

2,4-dinitrophenol has been reported as zero percent recovery in the LCSD due to a limitation in LIMs. 2,4-dinitrophenol was detected at 17.5% recovery, within laboratory limits. The LCSD is acceptable and should not be flagged on the summary form. The precision is also outside laboratory control limits.

Method 8270D,845103: Reanalysis at a dilution was required for R2405032-004 due to target compound results exceeding linear range.

2,4-dinitrophenol has been reported as zero percent recovery in the MS/MSD due to a limitation in LIMs. 2.4-ditrophenol was detected at 10.8% and 8.4% recovery, respectively. The recovery is outside of limits, however data quality was not impacted and MS/MSD were reported. The precision is also outside laboratory control limits.

Semivoa GC:

Method 8081B, 06/20/2024: 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

Approved by _____ Date 06/27/2024

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 8081B, 845430s: 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.
Method 8082A: The upper control limit was exceeded for one or more surrogates in one or more samples in this report. The elevated recovery equates to a high bias. Since no target analytes were detected in the sample(s), the quality of the sample data is not significantly affected. No further corrective action was appropriate.

Volatiles by GC/MS:

Method 8260C, 06/18/2024: 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 06/27/2024

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

Service Request:R2405032

SAMPLE CROSS-REFERENCE

R2405032-001	WG-TR1045-18A-410-060724-031-SG	6/7/2024	0920
R2405032-002	WG-TR1045-18A-410-060724-033-SG	6/7/2024	1035
R2405032-003	WG-TR1045-18A-410-060724-035-SG	6/7/2024	1035
R2405032-004	WG-TR1045-18A-410-060724-036-SG	6/7/2024	1245
R2405032-005	Trip Blank	6/7/2024	
R2405032-006	WG-TR1045-18A-410-060724-030-JA	6/7/2024	1020
R2405032-007	WG-TR1045-18A-410-060724-032-JA	6/7/2024	1145
R2405032-008	WG-TR1045-18A-410-060724-034-JA	6/7/2024	1315

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY

DATE: 06/07/24
PAGE: 1 OF 2

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Bucior, & Dennis Hoyt
ADDRESS: 805 97th Street
CITY: Niagara Falls STATE: NY ZIP: 14304
TEL: 716-969-5567 Fax:

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)
PROJECT CONTACT: Christa Bucior & Dennis Hoyt
E-MAIL: christa.bucior@geosyntec.com dhoyt@geosyntec.com

P.O. NO.: 292-402-D02-3100
SAMPLER(S): (PRINT) Shawn Gardner

REQUESTED ANALYSES

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	Field Filtered	7D 8081B/7 Pest DC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060724-031-SG	6/7/2024	9:20	WG	3		X					X			
	WG-TR1045-18A-410-060724-031-SG	6/7/2024	9:20	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060724-033-SG	6/7/2024	10:35	WG	3		X					X			
	WG-TR1045-18A-410-060724-033-SG	6/7/2024	10:35	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060724-035-SG	6/7/2024	10:35	WG	3		X					X			
	WG-TR1045-18A-410-060724-035-SG	6/7/2024	10:35	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060724-036-SG	6/7/2024	12:45	WG	3		X					X			
	WG-TR1045-18A-410-060724-036-SG	6/7/2024	12:45	WG	4	X			X	X	X				
	TRIPBLANK	6/7/2024		WGQ	2		X					X			
	WG-TR1045-18A-410-060724-030-JA	6/7/2024	10:20	WG	9		X					X			X
	WG-TR1045-18A-410-060724-030-JA	6/7/2024	10:20	WG	12	X			X	X	X				X
	WG-TR1045-18A-410-060724-032-JA	6/7/2024	11:45	WG	3		X					X			
	WG-TR1045-18A-410-060724-032-JA	6/7/2024	11:45	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060724-034-JA	6/7/2024	13:15	WG	3		X					X			

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
SHAWN GARDNER	Shawn Gardner	6/7/24	1400	Mathew Madey	Mathew	6/8/24	9:05

R2405032 5
GHD Services Inc.
Love Canal:292-402-D02-3100

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY

DATE: 06/07/24
PAGE: 2 OF 2

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Buclor, & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-969-5567 Fax:

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

PROJECT CONTACT: Christa Buclor & Dennis Hoyt

E-MAIL: christa.buclor@geosyntec.com dhoyt@geosyntec.com

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

SAMPLER(S): (PRINT) Shawn Gardner

REQUESTED ANALYSES

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	Field Filtered	7D 8081B/7 Pest DC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060724-034-JA	6/7/2024	13:15	WG	4	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	6/7/24	1400	Mathew Marley		6/8/24	9:05
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/Affiliation)	Date:	Time:

R2405032 5
GHD Services Inc.
Love Canal:292-402-D02-3100

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR# _____

001

T063929

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

R2405032 5
GHD Services Inc.
Love Canal:292-402-D02-3100

Cooler Receipt and Preservation Check Form

Project/Client Geosyntec Folder Number .

Cooler received on 6/8/24 by: MM 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: 6/8/24 Time: 10:37 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	1.3	1.4					
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: R1002 by MM on 6/8/24 at 10:51
5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/10/24 Time: 1036 by: SES.

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	**	**	24006976	11/26				

**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: 012924-1GJ, 040824-3AXH
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES. *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
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:** R2405032
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060724-031-SG **Date Collected:** 06/7/24
Lab Code: R2405032-001 **Date Received:** 06/8/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060724-031-SG **Date Collected:** 06/7/24
Lab Code: R2405032-001.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-033-SG **Date Collected:** 06/7/24
Lab Code: R2405032-002 **Date Received:** 06/8/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060724-033-SG **Date Collected:** 06/7/24
Lab Code: R2405032-002.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405032
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060724-035-SG **Date Collected:** 06/7/24
Lab Code: R2405032-003 **Date Received:** 06/8/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060724-035-SG **Date Collected:** 06/7/24
Lab Code: R2405032-003.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-036-SG **Date Collected:** 06/7/24
Lab Code: R2405032-004 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-036-SG **Date Collected:** 06/7/24
Lab Code: R2405032-004.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405032
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: Trip Blank **Date Collected:** 06/7/24
Lab Code: R2405032-005 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		FNAEGLER

Sample Name: WG-TR1045-18A-410-060724-030-JA **Date Collected:** 06/7/24
Lab Code: R2405032-006 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-030-JA **Date Collected:** 06/7/24
Lab Code: R2405032-006.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-032-JA **Date Collected:** 06/7/24
Lab Code: R2405032-007 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Date Collected:**	06/7/24
Lab Code:	R2405032-007.R01	**Date Received:**	06/8/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Date Collected:**	06/7/24
Lab Code:	R2405032-008	**Date Received:**	06/8/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Date Collected:**	06/7/24
Lab Code:	R2405032-008.R01	**Date Received:**	06/8/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,1,2-Trichloroethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,2-Dichloroethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,2-Dichloropropane	5.0	U	5.0	0.20	1	06/18/24 15:14	
2-Butanone (MEK)	10	U	10	0.78	1	06/18/24 15:14	
2-Hexanone	10	U	10	0.20	1	06/18/24 15:14	
4-Methyl-2-pentanone	10	U	10	0.20	1	06/18/24 15:14	
Acetone	10	U	10	5.0	1	06/18/24 15:14	
Benzene	5.0	U	5.0	0.20	1	06/18/24 15:14	
Bromodichloromethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
Bromoform	5.0	U	5.0	0.25	1	06/18/24 15:14	
Bromomethane	5.0	U	5.0	0.70	1	06/18/24 15:14	
Carbon Disulfide	**150**		10	0.42	1	06/18/24 15:14	
Carbon Tetrachloride	5.0	U	5.0	0.34	1	06/18/24 15:14	
Chlorobenzene	5.0	U	5.0	0.20	1	06/18/24 15:14	
Chloroethane	5.0	U	5.0	0.23	1	06/18/24 15:14	
Chloroform	5.0	U	5.0	0.51	1	06/18/24 15:14	
Chloromethane	5.0	U	5.0	0.80	1	06/18/24 15:14	
Dibromochloromethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
Dichloromethane	5.0	U	5.0	0.65	1	06/18/24 15:14	
Ethylbenzene	**0.20**	**J**	5.0	0.20	1	06/18/24 15:14	
Styrene	5.0	U	5.0	0.20	1	06/18/24 15:14	
Tetrachloroethene (PCE)	5.0	U	5.0	0.21	1	06/18/24 15:14	
Toluene	**0.56**	**J**	5.0	0.20	1	06/18/24 15:14	
Trichloroethene (TCE)	5.0	U	5.0	0.20	1	06/18/24 15:14	
Vinyl Acetate	10	U	10	1.1	1	06/18/24 15:14	
Vinyl Chloride	5.0	U	5.0	0.20	1	06/18/24 15:14	
Xylenes, Total	**0.30**	**J**	5.0	0.23	1	06/18/24 15:14	
cis-1,2-Dichloroethene	5.0	U	5.0	0.23	1	06/18/24 15:14	
cis-1,3-Dichloropropene	5.0	U	5.0	0.20	1	06/18/24 15:14	
trans-1,2-Dichloroethene	5.0	U	5.0	0.20	1	06/18/24 15:14	
trans-1,3-Dichloropropene	5.0	U	5.0	0.23	1	06/18/24 15:14	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/18/24 15:14	
Dibromofluoromethane	98	80 - 116	06/18/24 15:14	
Toluene-d8	98	87 - 121	06/18/24 15:14	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	14.2	J
007446-09-5	Sulfur dioxide	1.26	10.0	JN
000074-93-1	Methanethiol	1.41	114.3	JN
	unknown	1.49	11.8	J
003658-80-8	Trisulfide, dimethyl	11.27	7.4	JN
000075-18-3	Dimethyl sulfide	2.19	389.0	JN
000624-89-5	Ethane, (methylthio)-	3.89	36.6	JN
000624-92-0	Disulfide, dimethyl	7.80	49.2	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/18/24 15:37	
2-Butanone (MEK)	10 U	10	0.78	1	06/18/24 15:37	
2-Hexanone	10 U	10	0.20	1	06/18/24 15:37	
4-Methyl-2-pentanone	**0.54 J**	10	0.20	1	06/18/24 15:37	
Acetone	10 U	10	5.0	1	06/18/24 15:37	
Benzene	5.0 U	5.0	0.20	1	06/18/24 15:37	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
Bromoform	5.0 U	5.0	0.25	1	06/18/24 15:37	
Bromomethane	5.0 U	5.0	0.70	1	06/18/24 15:37	
Carbon Disulfide	**2.5 J**	10	0.42	1	06/18/24 15:37	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/18/24 15:37	
Chlorobenzene	5.0 U	5.0	0.20	1	06/18/24 15:37	
Chloroethane	5.0 U	5.0	0.23	1	06/18/24 15:37	
Chloroform	5.0 U	5.0	0.51	1	06/18/24 15:37	
Chloromethane	5.0 U	5.0	0.80	1	06/18/24 15:37	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
Dichloromethane	5.0 U	5.0	0.65	1	06/18/24 15:37	
Ethylbenzene	5.0 U	5.0	0.20	1	06/18/24 15:37	
Styrene	5.0 U	5.0	0.20	1	06/18/24 15:37	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/18/24 15:37	
Toluene	**1.0 J**	5.0	0.20	1	06/18/24 15:37	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/18/24 15:37	
Vinyl Acetate	10 U	10	1.1	1	06/18/24 15:37	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/18/24 15:37	
Xylenes, Total	5.0 U	5.0	0.23	1	06/18/24 15:37	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/18/24 15:37	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/18/24 15:37	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/18/24 15:37	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/18/24 15:37	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/18/24 15:37	
Dibromofluoromethane	100	80 - 116	06/18/24 15:37	
Toluene-d8	99	87 - 121	06/18/24 15:37	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	14.0	J
007446-09-5	Sulfur dioxide	1.14	5.3	JN
000104-76-7	1-Hexanol, 2-ethyl-	11.87	217.6	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/18/24 16:00	
2-Butanone (MEK)	10 U	10	0.78	1	06/18/24 16:00	
2-Hexanone	10 U	10	0.20	1	06/18/24 16:00	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/18/24 16:00	
Acetone	10 U	10	5.0	1	06/18/24 16:00	
Benzene	5.0 U	5.0	0.20	1	06/18/24 16:00	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
Bromoform	5.0 U	5.0	0.25	1	06/18/24 16:00	
Bromomethane	5.0 U	5.0	0.70	1	06/18/24 16:00	
Carbon Disulfide	10 U	10	0.42	1	06/18/24 16:00	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/18/24 16:00	
Chlorobenzene	**0.42 J**	5.0	0.20	1	06/18/24 16:00	
Chloroethane	5.0 U	5.0	0.23	1	06/18/24 16:00	
Chloroform	5.0 U	5.0	0.51	1	06/18/24 16:00	
Chloromethane	5.0 U	5.0	0.80	1	06/18/24 16:00	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
Dichloromethane	5.0 U	5.0	0.65	1	06/18/24 16:00	
Ethylbenzene	5.0 U	5.0	0.20	1	06/18/24 16:00	
Styrene	5.0 U	5.0	0.20	1	06/18/24 16:00	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/18/24 16:00	
Toluene	**0.34 J**	5.0	0.20	1	06/18/24 16:00	
Trichloroethene (TCE)	**0.49 J**	5.0	0.20	1	06/18/24 16:00	
Vinyl Acetate	10 U	10	1.1	1	06/18/24 16:00	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/18/24 16:00	
Xylenes, Total	5.0 U	5.0	0.23	1	06/18/24 16:00	
cis-1,2-Dichloroethene	**3.0 J**	5.0	0.23	1	06/18/24 16:00	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/18/24 16:00	
trans-1,2-Dichloroethene	**0.61 J**	5.0	0.20	1	06/18/24 16:00	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/18/24 16:00	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/18/24 16:00	
Dibromofluoromethane	100	80 - 116	06/18/24 16:00	
Toluene-d8	101	87 - 121	06/18/24 16:00	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	15.7	J
000075-28-5	Isobutane	1.16	40.6	JN
000078-78-4	Butane, 2-methyl-	1.59	15.6	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1000	U	1000	40	200	06/17/24 16:22	
1,1,2,2-Tetrachloroethane	1000	U	1000	40	200	06/17/24 16:22	
1,1,2-Trichloroethane	1000	U	1000	40	200	06/17/24 16:22	
1,1-Dichloroethane (1,1-DCA)	1000	U	1000	40	200	06/17/24 16:22	
1,1-Dichloroethene (1,1-DCE)	1000	U	1000	40	200	06/17/24 16:22	
1,2-Dichloroethane	1000	U	1000	40	200	06/17/24 16:22	
1,2-Dichloropropane	1000	U	1000	40	200	06/17/24 16:22	
2-Butanone (MEK)	2000	U	2000	160	200	06/17/24 16:22	
2-Hexanone	2000	U	2000	40	200	06/17/24 16:22	
4-Methyl-2-pentanone	2000	U	2000	40	200	06/17/24 16:22	
Acetone	2000	U	2000	1000	200	06/17/24 16:22	
Benzene	**6800**		1000	40	200	06/17/24 16:22	
Bromodichloromethane	1000	U	1000	40	200	06/17/24 16:22	
Bromoform	1000	U	1000	50	200	06/17/24 16:22	
Bromomethane	1000	U	1000	140	200	06/17/24 16:22	
Carbon Disulfide	2000	U	2000	84	200	06/17/24 16:22	
Carbon Tetrachloride	1000	U	1000	68	200	06/17/24 16:22	
Chlorobenzene	**2500**		1000	40	200	06/17/24 16:22	
Chloroethane	1000	U	1000	46	200	06/17/24 16:22	
Chloroform	1000	U	1000	110	200	06/17/24 16:22	
Chloromethane	1000	U	1000	160	200	06/17/24 16:22	
Dibromochloromethane	1000	U	1000	40	200	06/17/24 16:22	
Dichloromethane	1000	U	1000	130	200	06/17/24 16:22	
Ethylbenzene	1000	U	1000	40	200	06/17/24 16:22	
Styrene	1000	U	1000	40	200	06/17/24 16:22	
Tetrachloroethene (PCE)	1000	U	1000	42	200	06/17/24 16:22	
Toluene	**23000**		1000	40	200	06/17/24 16:22	
Trichloroethene (TCE)	1000	U	1000	40	200	06/17/24 16:22	
Vinyl Acetate	2000	U	2000	220	200	06/17/24 16:22	
Vinyl Chloride	1000	U	1000	40	200	06/17/24 16:22	
Xylenes, Total	1000	U	1000	46	200	06/17/24 16:22	
cis-1,2-Dichloroethene	1000	U	1000	46	200	06/17/24 16:22	
cis-1,3-Dichloropropene	1000	U	1000	40	200	06/17/24 16:22	
trans-1,2-Dichloroethene	1000	U	1000	40	200	06/17/24 16:22	
trans-1,3-Dichloropropene	1000	U	1000	46	200	06/17/24 16:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/17/24 16:22	
Dibromofluoromethane	105	80 - 116	06/17/24 16:22	
Toluene-d8	106	87 - 121	06/17/24 16:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.53	1048.0	J
000095-49-8	Benzene, 1-chloro-2-methyl-	11.34	8150.0	JN
000108-41-8	Benzene, 1-chloro-3-methyl-	11.44	4062.0	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405032-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 13:45	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 13:45	
2-Hexanone	10 U	10	0.20	1	06/17/24 13:45	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 13:45	
Acetone	10 U	10	5.0	1	06/17/24 13:45	
Benzene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 13:45	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 13:45	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 13:45	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 13:45	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 13:45	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 13:45	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 13:45	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 13:45	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Styrene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 13:45	
Toluene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 13:45	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 13:45	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 13:45	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 13:45	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 13:45	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 13:45	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 13:45	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 13:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405032-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/17/24 13:45	
Dibromofluoromethane	102	80 - 116	06/17/24 13:45	
Toluene-d8	102	87 - 121	06/17/24 13:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405032-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 14:07	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 14:07	
2-Hexanone	10 U	10	0.20	1	06/17/24 14:07	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 14:07	
Acetone	10 U	10	5.0	1	06/17/24 14:07	
Benzene	5.0 U	5.0	0.20	1	06/17/24 14:07	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 14:07	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 14:07	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 14:07	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 14:07	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 14:07	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 14:07	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 14:07	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 14:07	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 14:07	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 14:07	
Styrene	5.0 U	5.0	0.20	1	06/17/24 14:07	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 14:07	
Toluene	**0.30 J**	5.0	0.20	1	06/17/24 14:07	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 14:07	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 14:07	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 14:07	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 14:07	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 14:07	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 14:07	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 14:07	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 14:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/17/24 14:07	
Dibromofluoromethane	103	80 - 116	06/17/24 14:07	
Toluene-d8	104	87 - 121	06/17/24 14:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 14:29	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 14:29	
2-Hexanone	10 U	10	0.20	1	06/17/24 14:29	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 14:29	
Acetone	10 U	10	5.0	1	06/17/24 14:29	
Benzene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 14:29	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 14:29	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 14:29	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 14:29	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 14:29	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 14:29	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 14:29	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 14:29	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Styrene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 14:29	
Toluene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 14:29	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 14:29	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 14:29	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 14:29	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 14:29	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 14:29	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 14:29	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 14:29	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/17/24 14:29	
Dibromofluoromethane	102	80 - 116	06/17/24 14:29	
Toluene-d8	102	87 - 121	06/17/24 14:29	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	33.2	J
	unknown	1.00	28.4	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 14:52	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 14:52	
2-Hexanone	10 U	10	0.20	1	06/17/24 14:52	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 14:52	
Acetone	10 U	10	5.0	1	06/17/24 14:52	
Benzene	5.0 U	5.0	0.20	1	06/17/24 14:52	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 14:52	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 14:52	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 14:52	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 14:52	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 14:52	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 14:52	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 14:52	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 14:52	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 14:52	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 14:52	
Styrene	5.0 U	5.0	0.20	1	06/17/24 14:52	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 14:52	
Toluene	**0.39 J**	5.0	0.20	1	06/17/24 14:52	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 14:52	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 14:52	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 14:52	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 14:52	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 14:52	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 14:52	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 14:52	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 14:52	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/17/24 14:52	
Dibromofluoromethane	103	80 - 116	06/17/24 14:52	
Toluene-d8	104	87 - 121	06/17/24 14:52	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 16:55	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 16:55	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 16:55	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 16:55	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 16:55	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 16:55	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 16:55	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 16:55	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 16:55	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 16:55	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 16:55	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 16:55	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 16:55	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 16:55	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 16:55	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 16:55	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 16:55	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 16:55	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 16:55	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 16:55	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 16:55	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 16:55	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 16:55	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 16:55	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 16:55	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 16:55	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 16:55	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 16:55	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	95	31 - 133	06/17/24 16:55	
2-Fluorobiphenyl	57	25 - 99	06/17/24 16:55	
2-Fluorophenol	48	15 - 72	06/17/24 16:55	
Nitrobenzene-d5	65	22 - 104	06/17/24 16:55	
Phenol-d6	44	10 - 55	06/17/24 16:55	
p-Terphenyl-d14	94	10 - 143	06/17/24 16:55	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	13	JN
	unknown	1.61	7.1	J
	unknown	1.70	350	J
	unknown	2.46	7.0	J
	unknown	6.23	150	J
013798-23-7	Sulfur	8.07	24	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 18:09	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 18:09	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 18:09	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 18:09	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 18:09	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 18:09	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 18:09	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 18:09	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 18:09	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 18:09	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 18:09	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 18:09	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 18:09	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 18:09	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 18:09	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 18:09	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 18:09	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 18:09	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 18:09	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 18:09	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 18:09	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 18:09	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 18:09	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	83	31 - 133	06/20/24 18:09	
2-Fluorobiphenyl	67	25 - 99	06/20/24 18:09	
2-Fluorophenol	58	15 - 72	06/20/24 18:09	
Nitrobenzene-d5	74	22 - 104	06/20/24 18:09	
Phenol-d6	45	10 - 55	06/20/24 18:09	
p-Terphenyl-d14	78	10 - 143	06/20/24 18:09	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	15	JN
	unknown	1.52	510	J
	unknown	13.92	7.6	J
000624-92-0	Disulfide, dimethyl	2.33	5.4	JN
000765-46-8	Spiro[2.4]hepta-4,6-diene	2.58	9.4	JN
000108-41-8	Benzene, 1-chloro-3-methyl-	4.28	6.3	JN
	unknown	6.17	170	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	9.00	10	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 17:20	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 17:20	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 17:20	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 17:20	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 17:20	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 17:20	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 17:20	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 17:20	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 17:20	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 17:20	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 17:20	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 17:20	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 17:20	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 17:20	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 17:20	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 17:20	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 17:20	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 17:20	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Diethyl Phthalate	**2.3 J**	10	1.1	1	06/17/24 17:20	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 17:20	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 17:20	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 17:20	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 17:20	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 17:20	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 17:20	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 17:20	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 17:20	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 17:20	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 17:20	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	92	31 - 133	06/17/24 17:20	
2-Fluorobiphenyl	66	25 - 99	06/17/24 17:20	
2-Fluorophenol	39	15 - 72	06/17/24 17:20	
Nitrobenzene-d5	70	22 - 104	06/17/24 17:20	
Phenol-d6	28	10 - 55	06/17/24 17:20	
p-Terphenyl-d14	98	10 - 143	06/17/24 17:20	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	16	JN
	unknown	1.70	400	J
000108-88-3	Toluene	2.70	6.7	JN
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	7.16	4.3	JN
013798-23-7	Sulfur	8.10	13	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 18:33	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 18:33	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 18:33	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 18:33	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 18:33	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 18:33	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 18:33	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 18:33	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 18:33	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 18:33	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 18:33	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 18:33	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 18:33	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 18:33	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 18:33	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 18:33	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Diethyl Phthalate	**2.1 J**	10	1.1	1	06/20/24 18:33	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 18:33	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 18:33	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 18:33	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 18:33	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 18:33	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 18:33	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 18:33	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	68	31 - 133	06/20/24 18:33	
2-Fluorobiphenyl	61	25 - 99	06/20/24 18:33	
2-Fluorophenol	44	15 - 72	06/20/24 18:33	
Nitrobenzene-d5	64	22 - 104	06/20/24 18:33	
Phenol-d6	29	10 - 55	06/20/24 18:33	
p-Terphenyl-d14	78	10 - 143	06/20/24 18:33	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	17	JN
	unknown	1.53	500	J
000108-88-3	Toluene	2.58	7.9	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.28	4.5	JN

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 18:58	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 18:58	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 18:58	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 18:58	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 18:58	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 18:58	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 18:58	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 18:58	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 18:58	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 18:58	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 18:58	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 18:58	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 18:58	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 18:58	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 18:58	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 18:58	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 18:58	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 18:58	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 18:58	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 18:58	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 18:58	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 18:58	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 18:58	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	06/20/24 18:58	
2-Fluorobiphenyl	79	25 - 99	06/20/24 18:58	
2-Fluorophenol	51	15 - 72	06/20/24 18:58	
Nitrobenzene-d5	80	22 - 104	06/20/24 18:58	
Phenol-d6	35	10 - 55	06/20/24 18:58	
p-Terphenyl-d14	74	10 - 143	06/20/24 18:58	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	17	JN
	unknown	1.53	580	J
000108-88-3	Toluene	2.58	6.0	JN

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 17:44	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 17:44	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 17:44	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 17:44	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 17:44	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 17:44	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 17:44	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 17:44	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 17:44	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 17:44	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 17:44	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 17:44	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 17:44	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 17:44	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 17:44	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 17:44	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 17:44	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 17:44	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 17:44	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 17:44	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 17:44	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 17:44	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 17:44	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 17:44	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 17:44	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 17:44	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 17:44	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 17:44	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	101	31 - 133	06/17/24 17:44	
2-Fluorobiphenyl	79	25 - 99	06/17/24 17:44	
2-Fluorophenol	50	15 - 72	06/17/24 17:44	
Nitrobenzene-d5	86	22 - 104	06/17/24 17:44	
Phenol-d6	33	10 - 55	06/17/24 17:44	
p-Terphenyl-d14	111	10 - 143	06/17/24 17:44	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	18	JN
	unknown	1.70	470	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**26**		10	1.2	1	06/20/24 19:22	6/19/24	*
1,2-Dichlorobenzene	**24**		10	1.2	1	06/20/24 19:22	6/19/24	*
1,3-Dichlorobenzene	**5.0**	**J**	10	1.1	1	06/20/24 19:22	6/19/24	*
1,4-Dichlorobenzene	**68**		10	1.2	1	06/20/24 19:22	6/19/24	*
2,4,5-Trichlorophenol	**2.5**	**J**	10	1.1	1	06/20/24 19:22	6/19/24	*
2,4,6-Trichlorophenol	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
2,4-Dichlorophenol	10	U	10	1.3	1	06/20/24 19:22	6/19/24	*
2,4-Dimethylphenol	**4.6**	**J**	10	4.3	1	06/20/24 19:22	6/19/24	*
2,4-Dinitrophenol	50	U	50	20	1	06/20/24 19:22	6/19/24	*
2,4-Dinitrotoluene	10	U	10	2.4	1	06/20/24 19:22	6/19/24	*
2,6-Dinitrotoluene	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
2-Chloronaphthalene	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
2-Chlorophenol	**13**		10	1.1	1	06/20/24 19:22	6/19/24	*
2-Methylnaphthalene	10	U	10	1.3	1	06/20/24 19:22	6/19/24	*
2-Methylphenol	**26**		10	1.0	1	06/20/24 19:22	6/19/24	*
2-Nitroaniline	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
2-Nitrophenol	10	U	10	1.5	1	06/20/24 19:22	6/19/24	*
3,3'-Dichlorobenzidine	10	U	10	1.2	1	06/20/24 19:22	6/19/24	*
3- and 4-Methylphenol Coelution	**92**		10	1.2	1	06/20/24 19:22	6/19/24	*
3-Nitroaniline	10	U	10	1.1	1	06/20/24 19:22	6/19/24	*
4,6-Dinitro-2-methylphenol	50	U	50	8.7	1	06/20/24 19:22	6/19/24	*
4-Bromophenyl Phenyl Ether	10	U	10	1.7	1	06/20/24 19:22	6/19/24	*
4-Chloro-3-methylphenol	**22**		10	1.1	1	06/20/24 19:22	6/19/24	*
4-Chloroaniline	10	U	10	1.0	1	06/20/24 19:22	6/19/24	*
4-Chlorophenyl Phenyl Ether	10	U	10	1.5	1	06/20/24 19:22	6/19/24	*
4-Nitroaniline	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
4-Nitrophenol	50	U	50	6.4	1	06/20/24 19:22	6/19/24	*
Acenaphthene	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
Acenaphthylene	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
Anthracene	10	U	10	1.3	1	06/20/24 19:22	6/19/24	*
Benz(a)anthracene	10	U	10	1.6	1	06/20/24 19:22	6/19/24	*
Benzo(a)pyrene	10	U	10	1.2	1	06/20/24 19:22	6/19/24	*
Benzo(b)fluoranthene	10	U	10	1.2	1	06/20/24 19:22	6/19/24	*
Benzo(g,h,i)perylene	10	U	10	2.1	1	06/20/24 19:22	6/19/24	*
Benzo(k)fluoranthene	10	U	10	1.3	1	06/20/24 19:22	6/19/24	*
Benzoic Acid	**260**	**B**	50	36	1	06/20/24 19:22	6/19/24	*
Benzyl Alcohol	**10**		10	1.6	1	06/20/24 19:22	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
Bis(2-chloroethoxy)methane	10	U	10	1.9	1	06/20/24 19:22	6/19/24	*
Bis(2-chloroethyl) Ether	**20**		10	1.3	1	06/20/24 19:22	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10	U	10	7.8	1	06/20/24 19:22	6/19/24	*
Butyl Benzyl Phthalate	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
Chrysene	10	U	10	1.2	1	06/20/24 19:22	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 19:22	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 19:22	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 19:22	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 19:22	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 19:22	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 19:22	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 19:22	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 19:22	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 19:22	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 19:22	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 19:22	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 19:22	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 19:22	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 19:22	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 19:22	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 19:22	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 19:22	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 19:22	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 19:22	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 19:22	6/19/24	*
Phenol	**45**	10	1.0	1	06/20/24 19:22	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 19:22	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	64	31 - 133	06/20/24 19:22	
2-Fluorobiphenyl	43	25 - 99	06/20/24 19:22	
2-Fluorophenol	32	15 - 72	06/20/24 19:22	
Nitrobenzene-d5	55	22 - 104	06/20/24 19:22	
Phenol-d6	23	10 - 55	06/20/24 19:22	
p-Terphenyl-d14	47	10 - 143	06/20/24 19:22	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000071-43-2	Benzene	1.38	440	JN
	unknown	1.52	250	J
000611-95-0	Benzoic acid, 4-benzoyl-	10.44	320	JN
000579-18-0	3-Benzoylbenzoic acid	10.47	86	JN
000108-88-3	Toluene	2.59	3100	JN
000108-90-7	Benzene, chloro-	3.39	450	JN
000108-93-0	Cyclohexanol	3.75	110	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000591-23-1	Cyclohexanol, 3-methyl-	4.25	39	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.29	2100	JN
000108-41-8	Benzene, 1-chloro-3-methyl-	4.35	1100	JN
000126-21-6	L-Fenchone	5.33	38	JN
000149-57-5	Hexanoic acid, 2-ethyl-	5.39	31	JN
000098-89-5	Cyclohexanecarboxylic acid	5.46	55	JN
000095-73-8	Benzene, 2,4-dichloro-1-methyl-	5.50	120	JN
019398-61-9	Benzene, 1,4-dichloro-2-methyl-	5.52	120	JN
000095-75-0	Benzene, 1,2-dichloro-4-methyl-	5.69	61	JN
017849-38-6	Benzenemethanol, 2-chloro-	6.10	420	JN
000103-82-2	Benzeneacetic acid	6.21	61	JN
002451-01-6	Terpin Hydrate	6.68	55	JN
	unknown	7.31	51	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**19**		10	1.2	1	06/17/24 18:09	6/12/24	
1,2-Dichlorobenzene	**22**		10	1.2	1	06/17/24 18:09	6/12/24	
1,3-Dichlorobenzene	**4.2**	**J**	10	1.1	1	06/17/24 18:09	6/12/24	
1,4-Dichlorobenzene	**60**		10	1.2	1	06/17/24 18:09	6/12/24	
2,4,5-Trichlorophenol	10	U	10	1.1	1	06/17/24 18:09	6/12/24	
2,4,6-Trichlorophenol	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
2,4-Dichlorophenol	**3.8**	**J**	10	1.3	1	06/17/24 18:09	6/12/24	
2,4-Dimethylphenol	**4.5**	**J**	10	4.3	1	06/17/24 18:09	6/12/24	
2,4-Dinitrophenol	50	U	50	20	1	06/17/24 18:09	6/12/24	
2,4-Dinitrotoluene	10	U	10	2.4	1	06/17/24 18:09	6/12/24	
2,6-Dinitrotoluene	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
2-Chloronaphthalene	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
2-Chlorophenol	**11**		10	1.1	1	06/17/24 18:09	6/12/24	
2-Methylnaphthalene	10	U	10	1.3	1	06/17/24 18:09	6/12/24	
2-Methylphenol	**23**		10	1.0	1	06/17/24 18:09	6/12/24	
2-Nitroaniline	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
2-Nitrophenol	10	U	10	1.5	1	06/17/24 18:09	6/12/24	
3,3'-Dichlorobenzidine	10	U	10	1.2	1	06/17/24 18:09	6/12/24	
3- and 4-Methylphenol Coelution	**78**		10	1.2	1	06/17/24 18:09	6/12/24	
3-Nitroaniline	10	U	10	1.1	1	06/17/24 18:09	6/12/24	
4,6-Dinitro-2-methylphenol	50	U	50	8.7	1	06/17/24 18:09	6/12/24	
4-Bromophenyl Phenyl Ether	10	U	10	1.7	1	06/17/24 18:09	6/12/24	
4-Chloro-3-methylphenol	**19**		10	1.1	1	06/17/24 18:09	6/12/24	
4-Chloroaniline	10	U	10	1.0	1	06/17/24 18:09	6/12/24	
4-Chlorophenyl Phenyl Ether	10	U	10	1.5	1	06/17/24 18:09	6/12/24	
4-Nitroaniline	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
4-Nitrophenol	50	U	50	6.4	1	06/17/24 18:09	6/12/24	
Acenaphthene	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
Acenaphthylene	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
Anthracene	10	U	10	1.3	1	06/17/24 18:09	6/12/24	
Benz(a)anthracene	10	U	10	1.6	1	06/17/24 18:09	6/12/24	
Benzo(a)pyrene	10	U	10	1.2	1	06/17/24 18:09	6/12/24	
Benzo(b)fluoranthene	10	U	10	1.2	1	06/17/24 18:09	6/12/24	
Benzo(g,h,i)perylene	10	U	10	2.1	1	06/17/24 18:09	6/12/24	
Benzo(k)fluoranthene	10	U	10	1.3	1	06/17/24 18:09	6/12/24	
Benzoic Acid	**200**		50	36	1	06/17/24 18:09	6/12/24	
Benzyl Alcohol	**7.6**	**J**	10	1.6	1	06/17/24 18:09	6/12/24	
2,2'-Oxybis(1-chloropropane)	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
Bis(2-chloroethoxy)methane	10	U	10	1.9	1	06/17/24 18:09	6/12/24	
Bis(2-chloroethyl) Ether	**20**		10	1.3	1	06/17/24 18:09	6/12/24	
Bis(2-ethylhexyl) Phthalate	10	U	10	7.8	1	06/17/24 18:09	6/12/24	
Butyl Benzyl Phthalate	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
Chrysene	10	U	10	1.2	1	06/17/24 18:09	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 18:09	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 18:09	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 18:09	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 18:09	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 18:09	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 18:09	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 18:09	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 18:09	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 18:09	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 18:09	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 18:09	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 18:09	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 18:09	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 18:09	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 18:09	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 18:09	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 18:09	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 18:09	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 18:09	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 18:09	6/12/24	
Phenol	**37**	10	1.0	1	06/17/24 18:09	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 18:09	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	59	31 - 133	06/17/24 18:09	
2-Fluorobiphenyl	24 *	25 - 99	06/17/24 18:09	*
2-Fluorophenol	26	15 - 72	06/17/24 18:09	
Nitrobenzene-d5	44	22 - 104	06/17/24 18:09	
Phenol-d6	19	10 - 55	06/17/24 18:09	
p-Terphenyl-d14	49	10 - 143	06/17/24 18:09	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000071-43-2	Benzene	1.55	490	JN
000096-47-9	Furan, tetrahydro-2-methyl-	1.63	27	JN
	unknown	1.71	170	J
000611-95-0	Benzoic acid, 4-benzoyl-	10.56	700	JN
000611-95-0	Benzoic acid, 4-benzoyl-	10.59	180	JN
	unknown	10.64	35	J
000108-88-3	Toluene	2.72	1900	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000107-92-6	Butanoic acid	2.90	26	JN
000108-90-7	Benzene, chloro-	3.48	410	JN
000108-93-0	Cyclohexanol	3.83	51	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.37	1300	JN
001195-79-5	Bicyclo[2.2.1]heptan-2-one, 1,3,3-	5.42	34	JN
032768-54-0	Benzene, 1,2-dichloro-3-methyl-	5.56	110	JN
000118-69-4	Benzene, 1,3-dichloro-2-methyl-	5.57	120	JN
000095-75-0	Benzene, 1,2-dichloro-4-methyl-	5.75	70	JN
017849-38-6	Benzenemethanol, 2-chloro-	6.16	310	JN
000103-82-2	Benzeneacetic acid	6.27	51	JN
	unknown	6.75	36	J
000074-11-3	Benzoic acid, 4-chloro-	6.93	470	JN
	unknown	7.39	45	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 18:33	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 18:33	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 18:33	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 18:33	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 18:33	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 18:33	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 18:33	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 18:33	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 18:33	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 18:33	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 18:33	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 18:33	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 18:33	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 18:33	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 18:33	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 18:33	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 18:33	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 18:33	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 18:33	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 18:33	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 18:33	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 18:33	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 18:33	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 18:33	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 18:33	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 18:33	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 18:33	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 18:33	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	112	31 - 133	06/17/24 18:33	
2-Fluorobiphenyl	84	25 - 99	06/17/24 18:33	
2-Fluorophenol	50	15 - 72	06/17/24 18:33	
Nitrobenzene-d5	88	22 - 104	06/17/24 18:33	
Phenol-d6	34	10 - 55	06/17/24 18:33	
p-Terphenyl-d14	98	10 - 143	06/17/24 18:33	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	15	JN
	unknown	1.69	420	J
000108-88-3	Toluene	2.70	7.1	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.35	4.3	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 19:47	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 19:47	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 19:47	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 19:47	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 19:47	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 19:47	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 19:47	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 19:47	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 19:47	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 19:47	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 19:47	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 19:47	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 19:47	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 19:47	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*

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Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 19:47	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 19:47	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 19:47	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 19:47	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 19:47	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 19:47	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 19:47	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 19:47	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 19:47	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	81	31 - 133	06/20/24 19:47	
2-Fluorobiphenyl	81	25 - 99	06/20/24 19:47	
2-Fluorophenol	52	15 - 72	06/20/24 19:47	
Nitrobenzene-d5	84	22 - 104	06/20/24 19:47	
Phenol-d6	35	10 - 55	06/20/24 19:47	
p-Terphenyl-d14	74	10 - 143	06/20/24 19:47	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	17	JN
	unknown	1.53	580	J
000108-88-3	Toluene	2.58	7.0	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.28	4.1	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 19:46	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 19:46	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 19:46	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 19:46	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 19:46	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 19:46	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 19:46	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 19:46	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 19:46	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 19:46	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 19:46	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 19:46	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 19:46	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 19:46	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 19:46	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 19:46	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	

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Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 19:46	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 19:46	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 19:46	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 19:46	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 19:46	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 19:46	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 19:46	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 19:46	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 19:46	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 19:46	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 19:46	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 19:46	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	81	31 - 133	06/17/24 19:46	
2-Fluorobiphenyl	66	25 - 99	06/17/24 19:46	
2-Fluorophenol	40	15 - 72	06/17/24 19:46	
Nitrobenzene-d5	70	22 - 104	06/17/24 19:46	
Phenol-d6	26	10 - 55	06/17/24 19:46	
p-Terphenyl-d14	81	10 - 143	06/17/24 19:46	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	16	JN
	unknown	1.70	400	J
000108-88-3	Toluene	2.70	4.6	JN

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 20:59	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 20:59	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 20:59	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 20:59	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 20:59	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 20:59	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 20:59	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 20:59	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 20:59	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 20:59	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 20:59	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 20:59	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 20:59	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 20:59	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 20:59	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 20:59	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 20:59	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 20:59	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 20:59	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 20:59	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 20:59	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 20:59	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 20:59	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/20/24 20:59	
2-Fluorobiphenyl	75	25 - 99	06/20/24 20:59	
2-Fluorophenol	46	15 - 72	06/20/24 20:59	
Nitrobenzene-d5	78	22 - 104	06/20/24 20:59	
Phenol-d6	30	10 - 55	06/20/24 20:59	
p-Terphenyl-d14	77	10 - 143	06/20/24 20:59	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	16	JN
	unknown	1.53	540	J
000108-88-3	Toluene	2.58	7.4	JN

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 20:10	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 20:10	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 20:10	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 20:10	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 20:10	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 20:10	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 20:10	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 20:10	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 20:10	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 20:10	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 20:10	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 20:10	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 20:10	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 20:10	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 20:10	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 20:10	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 20:10	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 20:10	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 20:10	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 20:10	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 20:10	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 20:10	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 20:10	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 20:10	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 20:10	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 20:10	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 20:10	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 20:10	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	92	31 - 133	06/17/24 20:10	
2-Fluorobiphenyl	70	25 - 99	06/17/24 20:10	
2-Fluorophenol	41	15 - 72	06/17/24 20:10	
Nitrobenzene-d5	72	22 - 104	06/17/24 20:10	
Phenol-d6	27	10 - 55	06/17/24 20:10	
p-Terphenyl-d14	90	10 - 143	06/17/24 20:10	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	13	JN
	unknown	1.70	320	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 21:24	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 21:24	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 21:24	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 21:24	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 21:24	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 21:24	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 21:24	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 21:24	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 21:24	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 21:24	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 21:24	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 21:24	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 21:24	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 21:24	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 21:24	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 21:24	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 21:24	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 21:24	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 21:24	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 21:24	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 21:24	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 21:24	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 21:24	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	70	31 - 133	06/20/24 21:24	
2-Fluorobiphenyl	73	25 - 99	06/20/24 21:24	
2-Fluorophenol	48	15 - 72	06/20/24 21:24	
Nitrobenzene-d5	73	22 - 104	06/20/24 21:24	
Phenol-d6	31	10 - 55	06/20/24 21:24	
p-Terphenyl-d14	97	10 - 143	06/20/24 21:24	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	15	JN
	unknown	1.53	540	J

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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**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	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 18:02	6/11/24	
alpha-BHC	**0.072**	0.050	0.020	1	06/20/24 18:02	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
delta-BHC	**0.029 J**	0.050	0.020	1	06/20/24 18:02	6/11/24	
gamma-BHC (Lindane)	**0.049 J**	0.050	0.020	1	06/20/24 18:02	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 111	06/20/24 18:02	
Tetrachloro-m-xylene	59	10 - 101	06/20/24 18:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**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	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 18:19	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 111	06/20/24 18:19	
Tetrachloro-m-xylene	66	10 - 101	06/20/24 18:19	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**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	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 18:36	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 111	06/20/24 18:36	
Tetrachloro-m-xylene	52	10 - 101	06/20/24 18:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**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	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
4,4'-DDE	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
4,4'-DDT	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Aldrin	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Dieldrin	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endosulfan I	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endosulfan II	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endosulfan Sulfate	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endrin	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endrin Ketone	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Heptachlor	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Heptachlor Epoxide	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Methoxychlor	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Toxaphene	2.0 U	2.0	2.0	4	06/24/24 17:24	6/11/24	
alpha-BHC	**6.4**	0.20	0.080	4	06/24/24 17:24	6/11/24	
alpha-Chlordane	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
beta-BHC	**1.5**	0.20	0.080	4	06/24/24 17:24	6/11/24	
delta-BHC	**5.0**	0.20	0.080	4	06/24/24 17:24	6/11/24	
gamma-BHC (Lindane)	**0.69**	0.20	0.080	4	06/24/24 17:24	6/11/24	
gamma-Chlordane	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	14	10 - 111	06/24/24 17:24	
Tetrachloro-m-xylene	137 *	10 - 101	06/24/24 17:24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**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	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 19:11	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	68	10 - 111	06/20/24 19:11	
Tetrachloro-m-xylene	66	10 - 101	06/20/24 19:11	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**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	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 20:03	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 111	06/20/24 20:03	
Tetrachloro-m-xylene	57	10 - 101	06/20/24 20:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**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	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 20:21	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 111	06/20/24 20:21	
Tetrachloro-m-xylene	49	10 - 101	06/20/24 20:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**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	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 12:49	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	37	10 - 118	06/19/24 12:49	
Tetrachloro-m-xylene	56	10 - 103	06/19/24 12:49	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**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	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 13:02	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	36	10 - 118	06/19/24 13:02	
Tetrachloro-m-xylene	58	10 - 103	06/19/24 13:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**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	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 13:16	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	24	10 - 118	06/19/24 13:16	
Tetrachloro-m-xylene	51	10 - 103	06/19/24 13:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**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	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 13:29	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	10	10 - 118	06/19/24 13:29	
Tetrachloro-m-xylene	118 *	10 - 103	06/19/24 13:29	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**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	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 04:46	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/15/24 04:46	
Tetrachloro-m-xylene	61	10 - 103	06/15/24 04:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**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	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 05:40	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	38	10 - 118	06/15/24 05:40	
Tetrachloro-m-xylene	50	10 - 103	06/15/24 05:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**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	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 05:54	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 118	06/15/24 05:54	
Tetrachloro-m-xylene	47	10 - 103	06/15/24 05:54	

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
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:** R2405032

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: 8260C

Extraction Method: EPA 5030C

		4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
Sample Name	**Lab Code**	**85 - 122**	**80 - 116**	**87 - 121**
WG-TR1045-18A-410-060724-031-SG	R2405032-001	100	98	98
WG-TR1045-18A-410-060724-033-SG	R2405032-002	102	100	99
WG-TR1045-18A-410-060724-035-SG	R2405032-003	105	100	101
WG-TR1045-18A-410-060724-036-SG	R2405032-004	96	105	106
Trip Blank	R2405032-005	97	102	102
WG-TR1045-18A-410-060724-030-JA	R2405032-006	96	103	104
WG-TR1045-18A-410-060724-032-JA	R2405032-007	95	102	102
WG-TR1045-18A-410-060724-034-JA	R2405032-008	97	103	104
Lab Control Sample	RQ2406955-03	97	100	98
Method Blank	RQ2406955-04	95	101	101
Lab Control Sample	RQ2407007-03	103	100	99
Method Blank	RQ2407007-04	102	96	97
WG-TR1045-18A-410-060724-030-JA MS	RQ2407007-07	102	100	101
WG-TR1045-18A-410-060724-030-JA DMS	RQ2407007-08	109	99	100

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/18/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2407007-07			RQ2407007-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	5.0 U	56.9	50.0	114	56.9	50.0	114	74-127	<1	30
1,1,2,2-Tetrachloroethane	5.0 U	60.4	50.0	121	56.4	50.0	113	72-122	7	30
1,1,2-Trichloroethane	5.0 U	54.9	50.0	110	56.0	50.0	112	82-121	2	30
1,1-Dichloroethane (1,1-DCA)	5.0 U	53.7	50.0	107	53.7	50.0	107	74-132	<1	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	53.5	50.0	107	53.3	50.0	107	71-118	<1	30
1,2-Dichloroethane	5.0 U	55.1	50.0	110	55.4	50.0	111	68-130	<1	30
1,2-Dichloropropane	5.0 U	48.4	50.0	97	48.4	50.0	97	79-124	<1	30
2-Butanone (MEK)	10 U	67.3	50.0	135	66.2	50.0	132	61-137	2	30
2-Hexanone	10 U	64.3	50.0	129	63.9	50.0	128	56-132	<1	30
4-Methyl-2-pentanone	10 U	63.9	50.0	128	62.0	50.0	124	60-141	3	30
Acetone	10 U	70.7	50.0	141	69.3	50.0	139	35-183	2	30
Benzene	5.0 U	54.4	50.0	109	55.0	50.0	110	76-129	1	30
Bromodichloromethane	5.0 U	54.3	50.0	109	55.6	50.0	111	78-133	2	30
Bromoform	5.0 U	57.2	50.0	114	63.6	50.0	127	58-133	11	30
Bromomethane	5.0 U	23.2	50.0	46	24.7	50.0	49	10-184	7	30
Carbon Disulfide	10 U	46.2	50.0	92	44.8	50.0	90	59-140	3	30
Carbon Tetrachloride	5.0 U	51.0	50.0	102	50.8	50.0	102	65-135	<1	30
Chlorobenzene	5.0 U	51.7	50.0	103	52.3	50.0	105	76-125	1	30
Chloroethane	5.0 U	42.4	50.0	85	42.7	50.0	85	48-146	<1	30
Chloroform	5.0 U	54.0	50.0	108	54.7	50.0	109	75-130	1	30
Chloromethane	5.0 U	40.5	50.0	81	41.2	50.0	82	55-160	2	30
Dibromochloromethane	5.0 U	54.2	50.0	108	55.2	50.0	110	72-128	2	30
Dichloromethane	5.0 U	51.6	50.0	103	52.2	50.0	104	73-122	1	30
Ethylbenzene	5.0 U	52.7	50.0	105	54.1	50.0	108	72-134	3	30
Styrene	5.0 U	54.6	50.0	109	56.0	50.0	112	74-136	3	30
Tetrachloroethene (PCE)	5.0 U	52.6	50.0	105	53.2	50.0	106	72-125	1	30
Toluene	0.30 J	54.9	50.0	109	55.6	50.0	111	79-119	1	30
Trichloroethene (TCE)	5.0 U	54.3	50.0	109	55.1	50.0	110	74-122	1	30
Vinyl Acetate	10 U	76.7	50.0	153	76.5	50.0	153	48-172	<1	30
Vinyl Chloride	5.0 U	49.8	50.0	100	49.9	50.0	100	74-159	<1	30
Xylenes, Total	5.0 U	160	150	106	164	150	109	78-121	3	30
cis-1,2-Dichloroethene	5.0 U	54.3	50.0	109	54.3	50.0	109	77-127	<1	30
cis-1,3-Dichloropropene	5.0 U	55.8	50.0	112	56.0	50.0	112	52-134	<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.

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/18/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2407007-07			RQ2407007-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
trans-1,2-Dichloroethene	5.0 U	51.9	50.0	104	51.8	50.0	104	73-118	<1	30
trans-1,3-Dichloropropene	5.0 U	57.6	50.0	115	57.7	50.0	115	71-133	<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:**	R2405032
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:	RQ2406955-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 13:22	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 13:22	
2-Hexanone	10 U	10	0.20	1	06/17/24 13:22	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 13:22	
Acetone	10 U	10	5.0	1	06/17/24 13:22	
Benzene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 13:22	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 13:22	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 13:22	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 13:22	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 13:22	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 13:22	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 13:22	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 13:22	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Styrene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 13:22	
Toluene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 13:22	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 13:22	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 13:22	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 13:22	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 13:22	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 13:22	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 13:22	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 13:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406955-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/17/24 13:22	
Dibromofluoromethane	101	80 - 116	06/17/24 13:22	
Toluene-d8	101	87 - 121	06/17/24 13:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406955-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2405032
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:	RQ2407007-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/18/24 11:56	
2-Butanone (MEK)	10 U	10	0.78	1	06/18/24 11:56	
2-Hexanone	10 U	10	0.20	1	06/18/24 11:56	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/18/24 11:56	
Acetone	10 U	10	5.0	1	06/18/24 11:56	
Benzene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
Bromoform	5.0 U	5.0	0.25	1	06/18/24 11:56	
Bromomethane	5.0 U	5.0	0.70	1	06/18/24 11:56	
Carbon Disulfide	10 U	10	0.42	1	06/18/24 11:56	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/18/24 11:56	
Chlorobenzene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Chloroethane	5.0 U	5.0	0.23	1	06/18/24 11:56	
Chloroform	5.0 U	5.0	0.51	1	06/18/24 11:56	
Chloromethane	5.0 U	5.0	0.80	1	06/18/24 11:56	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
Dichloromethane	5.0 U	5.0	0.65	1	06/18/24 11:56	
Ethylbenzene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Styrene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/18/24 11:56	
Toluene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/18/24 11:56	
Vinyl Acetate	10 U	10	1.1	1	06/18/24 11:56	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/18/24 11:56	
Xylenes, Total	5.0 U	5.0	0.23	1	06/18/24 11:56	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/18/24 11:56	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/18/24 11:56	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/18/24 11:56	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/18/24 11:56	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2407007-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/18/24 11:56	
Dibromofluoromethane	96	80 - 116	06/18/24 11:56	
Toluene-d8	97	87 - 121	06/18/24 11:56	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2407007-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	7.9	J

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/17/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406955-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	22.3	20.0	111	75-125
1,1,2,2-Tetrachloroethane	8260C	20.8	20.0	104	78-126
1,1,2-Trichloroethane	8260C	20.5	20.0	103	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	22.1	20.0	110	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	22.0	20.0	110	69-142
1,2-Dichloroethane	8260C	22.0	20.0	110	71-127
1,2-Dichloropropane	8260C	19.7	20.0	98	80-119
2-Butanone (MEK)	8260C	19.4	20.0	97	61-137
2-Hexanone	8260C	19.0	20.0	95	63-124
4-Methyl-2-pentanone	8260C	19.6	20.0	98	66-124
Acetone	8260C	16.4	20.0	82	40-161
Benzene	8260C	21.6	20.0	108	79-119
Bromodichloromethane	8260C	22.5	20.0	112	81-123
Bromoform	8260C	23.8	20.0	119	65-146
Bromomethane	8260C	22.4	20.0	112	42-166
Carbon Disulfide	8260C	21.7	20.0	109	66-128
Carbon Tetrachloride	8260C	22.3	20.0	111	70-127
Chlorobenzene	8260C	20.8	20.0	104	80-121
Chloroethane	8260C	15.8	20.0	79	62-131
Chloroform	8260C	21.5	20.0	108	79-120
Chloromethane	8260C	24.7	20.0	124	72-179
Dibromochloromethane	8260C	23.3	20.0	117	72-128
Dichloromethane	8260C	21.3	20.0	107	73-122
Ethylbenzene	8260C	21.3	20.0	107	76-120
Styrene	8260C	21.8	20.0	109	80-124
Tetrachloroethene (PCE)	8260C	22.3	20.0	111	72-125
Toluene	8260C	21.7	20.0	108	79-119
Trichloroethene (TCE)	8260C	21.7	20.0	109	74-122
Vinyl Acetate	8260C	31.5	20.0	158	52-174
Vinyl Chloride	8260C	19.8	20.0	99	74-159
Xylenes, Total	8260C	65.6	60.0	109	78-121
cis-1,2-Dichloroethene	8260C	21.5	20.0	108	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/17/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406955-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	24.1	20.0	120	77-122
trans-1,2-Dichloroethene	8260C	21.2	20.0	106	73-118
trans-1,3-Dichloropropene	8260C	24.7	20.0	124	71-133

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/18/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2407007-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	22.4	20.0	112	75-125
1,1,2,2-Tetrachloroethane	8260C	20.3	20.0	102	78-126
1,1,2-Trichloroethane	8260C	21.5	20.0	108	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	21.3	20.0	107	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	21.3	20.0	106	69-142
1,2-Dichloroethane	8260C	21.9	20.0	109	71-127
1,2-Dichloropropane	8260C	18.9	20.0	95	80-119
2-Butanone (MEK)	8260C	21.4	20.0	107	61-137
2-Hexanone	8260C	19.0	20.0	95	63-124
4-Methyl-2-pentanone	8260C	20.0	20.0	100	66-124
Acetone	8260C	20.7	20.0	103	40-161
Benzene	8260C	21.5	20.0	108	79-119
Bromodichloromethane	8260C	21.2	20.0	106	81-123
Bromoform	8260C	22.2	20.0	111	65-146
Bromomethane	8260C	16.4	20.0	82	42-166
Carbon Disulfide	8260C	16.1	20.0	80	66-128
Carbon Tetrachloride	8260C	20.0	20.0	100	70-127
Chlorobenzene	8260C	20.7	20.0	103	80-121
Chloroethane	8260C	17.0	20.0	85	62-131
Chloroform	8260C	21.6	20.0	108	79-120
Chloromethane	8260C	16.9	20.0	85	72-179
Dibromochloromethane	8260C	20.7	20.0	104	72-128
Dichloromethane	8260C	20.5	20.0	103	73-122
Ethylbenzene	8260C	21.3	20.0	106	76-120
Styrene	8260C	22.1	20.0	111	80-124
Tetrachloroethene (PCE)	8260C	21.4	20.0	107	72-125
Toluene	8260C	21.7	20.0	109	79-119
Trichloroethene (TCE)	8260C	21.9	20.0	109	74-122
Vinyl Acetate	8260C	28.3	20.0	142	52-174
Vinyl Chloride	8260C	20.0	20.0	100	74-159
Xylenes, Total	8260C	64.8	60.0	108	78-121
cis-1,2-Dichloroethene	8260C	21.5	20.0	107	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/18/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2407007-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	22.0	20.0	110	77-122
trans-1,2-Dichloroethene	8260C	20.9	20.0	105	73-118
trans-1,3-Dichloropropene	8260C	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:** R2405032

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: 8270D

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-18A-410-060724-031-SG	R2405032-001	95	57	48
WG-TR1045-18A-410-060724-031-SG RE	R2405032-001	83	67	58
WG-TR1045-18A-410-060724-033-SG	R2405032-002	92	66	39
WG-TR1045-18A-410-060724-033-SG RE	R2405032-002	68	61	44
WG-TR1045-18A-410-060724-035-SG	R2405032-003	101	79	50
WG-TR1045-18A-410-060724-035-SG RE	R2405032-003	74	79	51
WG-TR1045-18A-410-060724-036-SG	R2405032-004	59	24 *	26
WG-TR1045-18A-410-060724-036-SG RE	R2405032-004	64	43	32
WG-TR1045-18A-410-060724-030-JA	R2405032-006	112	84	50
WG-TR1045-18A-410-060724-030-JA RE	R2405032-006	81	81	52
WG-TR1045-18A-410-060724-032-JA	R2405032-007	81	66	40
WG-TR1045-18A-410-060724-032-JA RE	R2405032-007	72	75	46
WG-TR1045-18A-410-060724-034-JA	R2405032-008	92	70	41
WG-TR1045-18A-410-060724-034-JA RE	R2405032-008	70	73	48
WG-TR1045-18A-410-060724-030-JA MS	RQ2406668-01	107	87	48
WG-TR1045-18A-410-060724-030-JA DMS	RQ2406668-02	94	77	45
Method Blank	RQ2406668-03	95	63	45
Lab Control Sample	RQ2406668-04	88	64	42
Duplicate Lab Control Sample	RQ2406668-05	103	74	49
WG-TR1045-18A-410-060724-030-JA MS	RQ2407085-01	98	81	54
WG-TR1045-18A-410-060724-030-JA DMS	RQ2407085-02	85	76	52
Method Blank	RQ2407085-05	60	56	41
Lab Control Sample	RQ2407085-06	99	80	55
Duplicate Lab Control Sample	RQ2407085-07	92	77	56

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405032

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: 8270D

Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-18A-410-060724-031-SG	R2405032-001	65	44	94
WG-TR1045-18A-410-060724-031-SG RE	R2405032-001	74	45	78
WG-TR1045-18A-410-060724-033-SG	R2405032-002	70	28	98
WG-TR1045-18A-410-060724-033-SG RE	R2405032-002	64	29	78
WG-TR1045-18A-410-060724-035-SG	R2405032-003	86	33	111
WG-TR1045-18A-410-060724-035-SG RE	R2405032-003	80	35	74
WG-TR1045-18A-410-060724-036-SG	R2405032-004	44	19	49
WG-TR1045-18A-410-060724-036-SG RE	R2405032-004	55	23	47
WG-TR1045-18A-410-060724-030-JA	R2405032-006	88	34	98
WG-TR1045-18A-410-060724-030-JA RE	R2405032-006	84	35	74
WG-TR1045-18A-410-060724-032-JA	R2405032-007	70	26	81
WG-TR1045-18A-410-060724-032-JA RE	R2405032-007	78	30	77
WG-TR1045-18A-410-060724-034-JA	R2405032-008	72	27	90
WG-TR1045-18A-410-060724-034-JA RE	R2405032-008	73	31	97
WG-TR1045-18A-410-060724-030-JA MS	RQ2406668-01	88	36	106
WG-TR1045-18A-410-060724-030-JA DMS	RQ2406668-02	80	32	82
Method Blank	RQ2406668-03	72	31	99
Lab Control Sample	RQ2406668-04	70	30	89
Duplicate Lab Control Sample	RQ2406668-05	80	36	106
WG-TR1045-18A-410-060724-030-JA MS	RQ2407085-01	82	39	71
WG-TR1045-18A-410-060724-030-JA DMS	RQ2407085-02	79	36	66
Method Blank	RQ2407085-05	60	27	82
Lab Control Sample	RQ2407085-06	80	42	107
Duplicate Lab Control Sample	RQ2407085-07	80	41	99

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/17/24
		Date Extracted:	06/12/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406668-01			RQ2406668-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	10 U	57.4	80.0	72	45.8	80.0	57	10-127	23	30
1,2-Dichlorobenzene	10 U	56.6	80.0	71	45.7	80.0	57	17-105	22	30
1,3-Dichlorobenzene	10 U	55.2	80.0	69	45.1	80.0	56	21-99	21	30
1,4-Dichlorobenzene	10 U	55.8	80.0	70	45.4	80.0	57	10-124	20	30
2,4,5-Trichlorophenol	10 U	78.3	80.0	98	64.5	80.0	81	48-134	19	30
2,4,6-Trichlorophenol	10 U	71.1	80.0	89	61.9	80.0	77	44-135	14	30
2,4-Dichlorophenol	10 U	63.0	80.0	79	56.6	80.0	71	40-130	11	30
2,4-Dimethylphenol	10 U	10 U	80.0	0 *	11.2	80.0	14 *	35-99	NC	30
2,4-Dinitrophenol	50 U	71.1	80.0	89	54.8	80.0	68	21-168	27	30
2,4-Dinitrotoluene	10 U	96.7	80.0	121	77.6	80.0	97	37-143	22	30
2,6-Dinitrotoluene	10 U	88.6	80.0	111	72.8	80.0	91	39-136	20	30
2-Chloronaphthalene	10 U	66.3	80.0	83	52.7	80.0	66	40-108	23	30
2-Chlorophenol	10 U	57.7	80.0	72	52.3	80.0	65	37-112	10	30
2-Methylnaphthalene	10 U	63.6	80.0	79	50.1	80.0	63	34-102	23	30
2-Methylphenol	10 U	34.3	80.0	43	39.5	80.0	49	37-102	13	30
2-Nitroaniline	10 U	82.2	80.0	103	67.9	80.0	85	40-136	19	30
2-Nitrophenol	10 U	75.1	80.0	94	65.5	80.0	82	27-143	14	30
3- and 4-Methylphenol Coelution	10 U	43.3	80.0	54	42.4	80.0	53	30-95	2	30
3-Nitroaniline	10 U	57.6	80.0	72	55.7	80.0	70	19-117	3	30
4,6-Dinitro-2-methylphenol	50 U	78.8	80.0	99	64.6	80.0	81	25-154	20	30
4-Bromophenyl Phenyl Ether	10 U	68.4	80.0	86	56.7	80.0	71	39-115	19	30
4-Chloro-3-methylphenol	10 U	61.6	80.0	77	54.9	80.0	69	41-126	11	30
4-Chloroaniline	10 U	48.3	80.0	60	48.8	80.0	61	19-111	2	30
4-Chlorophenyl Phenyl Ether	10 U	73.6	80.0	92	59.8	80.0	75	41-111	20	30
4-Nitroaniline	10 U	54.4	80.0	68	52.9	80.0	66	18-143	3	30
4-Nitrophenol	50 U	32.3 J	80.0	40	26.5 J	80.0	33	10-126	19	30
Acenaphthene	10 U	69.4	80.0	87	54.8	80.0	69	43-117	23	30
Acenaphthylene	10 U	72.4	80.0	90	58.0	80.0	73	45-119	21	30
Anthracene	10 U	72.8	80.0	91	61.8	80.0	77	45-127	17	30
Benz(a)anthracene	10 U	74.8	80.0	94	61.6	80.0	77	46-126	20	30
Benzo(a)pyrene	10 U	80.9	80.0	101	66.5	80.0	83	44-114	20	30
Benzo(b)fluoranthene	10 U	80.0	80.0	100	63.7	80.0	80	41-127	22	30
Benzo(g,h,i)perylene	10 U	79.0	80.0	99	63.9	80.0	80	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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/17/24
		Date Extracted:	06/12/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406668-01			RQ2406668-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	10 U	86.6	80.0	108	69.8	80.0	87	46-139	22	30
Benzoic Acid	50 U	36.6 J	80.0	46	50 U	80.0	0 *	10-94	NC	30
Benzyl Alcohol	10 U	61.4	80.0	77	52.3	80.0	65	31-109	17	30
2,2'-Oxybis(1-chloropropane)	10 U	60.4	80.0	75	53.0	80.0	66	21-126	13	30
Bis(2-chloroethoxy)methane	10 U	71.3	80.0	89	61.5	80.0	77	41-118	14	30
Bis(2-chloroethyl) Ether	10 U	66.6	80.0	83	58.1	80.0	73	33-108	13	30
Bis(2-ethylhexyl) Phthalate	10 U	69.0	80.0	86	55.4	80.0	69	41-132	22	30
Butyl Benzyl Phthalate	10 U	71.5	80.0	89	58.6	80.0	73	41-148	20	30
Chrysene	10 U	79.2	80.0	99	10 U	80.0	0 *	47-126	NC	30
Di-n-butyl Phthalate	10 U	72.8	80.0	91	59.2	80.0	74	43-130	21	30
Di-n-octyl Phthalate	10 U	76.2	80.0	95	60.5	80.0	76	40-139	22	30
Dibenz(a,h)anthracene	10 U	83.1	80.0	104	68.4	80.0	85	43-136	20	30
Dibenzofuran	10 U	71.9	80.0	90	57.5	80.0	72	46-119	22	30
Diethyl Phthalate	10 U	76.5	80.0	96	64.5	80.0	81	36-122	17	30
Dimethyl Phthalate	10 U	77.1	80.0	96	65.7	80.0	82	33-123	16	30
Fluoranthene	10 U	76.6	80.0	96	61.9	80.0	77	43-135	22	30
Fluorene	10 U	74.5	80.0	93	60.3	80.0	75	43-113	21	30
Hexachlorobenzene	10 U	72.2	80.0	90	59.2	80.0	74	42-125	20	30
Hexachlorobutadiene	10 U	55.1	80.0	69	41.3	80.0	52	10-111	28	30
Hexachlorocyclopentadiene	10 U	57.3	80.0	72	44.5	80.0	56	10-103	25	30
Hexachloroethane	10 U	51.8	80.0	65	41.9	80.0	52	12-101	22	30
Indeno(1,2,3-cd)pyrene	10 U	82.9	80.0	104	67.8	80.0	85	49-140	20	30
Isophorone	10 U	68.5	80.0	86	59.7	80.0	75	40-111	14	30
N-Nitrosodi-n-propylamine	10 U	64.4	80.0	80	56.1	80.0	70	35-108	13	30
N-Nitrosodiphenylamine	10 U	72.9	80.0	91	65.5	80.0	82	43-127	10	30
Naphthalene	10 U	62.1	80.0	78	51.0	80.0	64	37-108	20	30
Nitrobenzene	10 U	67.1	80.0	84	59.2	80.0	74	35-112	13	30
Pentachlorophenol (PCP)	50 U	62.2	80.0	78	51.3	80.0	64	29-164	20	30
Phenanthrene	10 U	72.0	80.0	90	59.6	80.0	75	46-123	18	30
Phenol	10 U	28.3	80.0	35	24.7	80.0	31	10-113	12	30
Pyrene	10 U	77.3	80.0	97	63.7	80.0	80	44-129	19	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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/20/24
		Date Extracted:	06/19/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2407085-01			RQ2407085-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	10 U	49.1	80.0	61	48.5	80.0	61	10-127	<1	30
1,2-Dichlorobenzene	10 U	48.6	80.0	61	49.7	80.0	62	17-105	2	30
1,3-Dichlorobenzene	10 U	47.0	80.0	59	48.9	80.0	61	21-99	3	30
1,4-Dichlorobenzene	10 U	47.2	80.0	59	48.2	80.0	60	10-124	2	30
2,4,5-Trichlorophenol	10 U	69.0	80.0	86	60.9	80.0	76	48-134	12	30
2,4,6-Trichlorophenol	10 U	65.1	80.0	81	56.3	80.0	70	44-135	15	30
2,4-Dichlorophenol	10 U	61.8	80.0	77	55.5	80.0	69	40-130	11	30
2,4-Dimethylphenol	10 U	53.0	80.0	66	31.9	80.0	40	35-99	49*	30
2,4-Dinitrophenol	50 U	50 U	80.0	0 *	50 U	80.0	0 *	21-168	NC	30
2,4-Dinitrotoluene	10 U	80.2	80.0	100	69.5	80.0	87	37-143	14	30
2,6-Dinitrotoluene	10 U	79.7	80.0	100	68.7	80.0	86	39-136	15	30
2-Chloronaphthalene	10 U	58.9	80.0	74	56.1	80.0	70	40-108	6	30
2-Chlorophenol	10 U	57.9	80.0	72	53.2	80.0	66	37-112	9	30
2-Methylnaphthalene	10 U	54.7	80.0	68	52.9	80.0	66	34-102	3	30
2-Methylphenol	10 U	55.6	80.0	70	48.1	80.0	60	37-102	15	30
2-Nitroaniline	10 U	76.0	80.0	95	65.3	80.0	82	40-136	15	30
2-Nitrophenol	10 U	64.1	80.0	80	60.3	80.0	75	27-143	6	30
3- and 4-Methylphenol Coelution	10 U	56.8	80.0	71	49.3	80.0	62	30-95	14	30
3-Nitroaniline	10 U	76.3	80.0	95	66.2	80.0	83	19-117	13	30
4,6-Dinitro-2-methylphenol	50 U	52.7	80.0	66	46.5 J	80.0	58	25-154	13	30
4-Bromophenyl Phenyl Ether	10 U	64.1	80.0	80	58.6	80.0	73	39-115	9	30
4-Chloro-3-methylphenol	10 U	62.1	80.0	78	54.8	80.0	69	41-126	12	30
4-Chloroaniline	10 U	66.2	80.0	83	57.9	80.0	72	19-111	14	30
4-Chlorophenyl Phenyl Ether	10 U	61.8	80.0	77	56.3	80.0	70	41-111	10	30
4-Nitroaniline	10 U	73.5	80.0	92	63.2	80.0	79	18-143	15	30
4-Nitrophenol	50 U	24.6 J	80.0	31	19.3 J	80.0	24	10-126	25	30
Acenaphthene	10 U	62.8	80.0	79	58.1	80.0	73	43-117	8	30
Acenaphthylene	10 U	65.1	80.0	81	59.0	80.0	74	45-119	9	30
Anthracene	10 U	70.5	80.0	88	62.2	80.0	78	45-127	12	30
Benz(a)anthracene	10 U	67.5	80.0	84	60.3	80.0	75	46-126	11	30
Benzo(a)pyrene	10 U	73.6	80.0	92	64.3	80.0	80	44-114	14	30
Benzo(b)fluoranthene	10 U	68.2	80.0	85	60.6	80.0	76	41-127	11	30
Benzo(g,h,i)perylene	10 U	69.0	80.0	86	60.1	80.0	75	50-143	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.

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/20/24
		Date Extracted:	06/19/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2407085-01			RQ2407085-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	10 U	74.1	80.0	93	62.5	80.0	78	46-139	18	30
Benzoic Acid	50 U	51.2	80.0	64	46.8 J	80.0	58	10-94	10	30
Benzyl Alcohol	10 U	62.5	80.0	78	55.8	80.0	70	31-109	11	30
2,2'-Oxybis(1-chloropropane)	10 U	63.3	80.0	79	60.4	80.0	75	21-126	5	30
Bis(2-chloroethoxy)methane	10 U	67.5	80.0	84	62.3	80.0	78	41-118	7	30
Bis(2-chloroethyl) Ether	10 U	61.3	80.0	77	58.0	80.0	72	33-108	7	30
Bis(2-ethylhexyl) Phthalate	10 U	69.2	80.0	86	61.3	80.0	77	41-132	11	30
Butyl Benzyl Phthalate	10 U	64.3	80.0	80	56.8	80.0	71	41-148	12	30
Chrysene	10 U	70.4	80.0	88	62.5	80.0	78	47-126	12	30
Di-n-butyl Phthalate	10 U	67.3	80.0	84	61.5	80.0	77	43-130	9	30
Di-n-octyl Phthalate	10 U	69.8	80.0	87	61.1	80.0	76	40-139	13	30
Dibenz(a,h)anthracene	10 U	70.9	80.0	89	62.2	80.0	78	43-136	13	30
Dibenzofuran	10 U	64.1	80.0	80	59.0	80.0	74	46-119	8	30
Diethyl Phthalate	10 U	75.2	80.0	94	65.8	80.0	82	36-122	14	30
Dimethyl Phthalate	10 U	72.6	80.0	91	64.1	80.0	80	33-123	13	30
Fluoranthene	10 U	68.8	80.0	86	60.6	80.0	76	43-135	12	30
Fluorene	10 U	66.0	80.0	83	59.1	80.0	74	43-113	11	30
Hexachlorobenzene	10 U	66.7	80.0	83	58.1	80.0	73	42-125	13	30
Hexachlorobutadiene	10 U	43.2	80.0	54	42.5	80.0	53	10-111	2	30
Hexachlorocyclopentadiene	10 U	25.1	80.0	31	26.8	80.0	34	10-103	9	30
Hexachloroethane	10 U	45.6	80.0	57	46.8	80.0	58	12-101	2	30
Indeno(1,2,3-cd)pyrene	10 U	74.2	80.0	93	63.4	80.0	79	49-140	16	30
Isophorone	10 U	66.1	80.0	83	60.7	80.0	76	40-111	9	30
N-Nitrosodi-n-propylamine	10 U	64.9	80.0	81	59.7	80.0	75	35-108	8	30
N-Nitrosodiphenylamine	10 U	74.4	80.0	93	66.6	80.0	83	43-127	11	30
Naphthalene	10 U	53.9	80.0	67	52.2	80.0	65	37-108	3	30
Nitrobenzene	10 U	61.3	80.0	77	58.1	80.0	73	35-112	5	30
Pentachlorophenol (PCP)	50 U	29.4 J	80.0	37	24.7 J	80.0	31	29-164	18	30
Phenanthrene	10 U	69.2	80.0	87	62.4	80.0	78	46-123	11	30
Phenol	10 U	30.7	80.0	38	28.2	80.0	35	10-113	8	30
Pyrene	10 U	69.3	80.0	87	61.3	80.0	77	44-129	12	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:**	R2405032
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:	RQ2406668-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 15:42	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 15:42	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 15:42	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 15:42	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 15:42	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 15:42	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 15:42	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 15:42	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 15:42	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 15:42	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 15:42	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 15:42	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 15:42	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 15:42	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 15:42	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 15:42	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406668-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 15:42	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 15:42	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 15:42	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 15:42	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 15:42	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 15:42	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 15:42	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 15:42	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 15:42	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 15:42	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 15:42	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 15:42	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	95	31 - 133	06/17/24 15:42	
2-Fluorobiphenyl	63	25 - 99	06/17/24 15:42	
2-Fluorophenol	45	15 - 72	06/17/24 15:42	
Nitrobenzene-d5	72	22 - 104	06/17/24 15:42	
Phenol-d6	31	10 - 55	06/17/24 15:42	
p-Terphenyl-d14	99	10 - 143	06/17/24 15:42	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	14	JN
	unknown	1.70	360	J
	unknown	17.06	18	J
	unknown	2.70	5.2	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2407085-05	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 16:55	6/19/24	
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 16:55	6/19/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 16:55	6/19/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
2-Chlorophenol	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
2-Methylphenol	10 U	10	1.0	1	06/20/24 16:55	6/19/24	
2-Nitroaniline	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
2-Nitrophenol	10 U	10	1.5	1	06/20/24 16:55	6/19/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
3-Nitroaniline	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 16:55	6/19/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 16:55	6/19/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
4-Chloroaniline	10 U	10	1.0	1	06/20/24 16:55	6/19/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 16:55	6/19/24	
4-Nitroaniline	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
4-Nitrophenol	50 U	50	6.4	1	06/20/24 16:55	6/19/24	
Acenaphthene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Acenaphthylene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Anthracene	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 16:55	6/19/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 16:55	6/19/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Benzoic Acid	**40 J**	50	36	1	06/20/24 16:55	6/19/24	
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 16:55	6/19/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 16:55	6/19/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 16:55	6/19/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Chrysene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2407085-05	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 16:55	6/19/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 16:55	6/19/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
Dibenzofuran	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Fluoranthene	10 U	10	1.5	1	06/20/24 16:55	6/19/24	
Fluorene	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 16:55	6/19/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 16:55	6/19/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 16:55	6/19/24	
Hexachloroethane	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 16:55	6/19/24	
Isophorone	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 16:55	6/19/24	
Naphthalene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
Nitrobenzene	10 U	10	1.5	1	06/20/24 16:55	6/19/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 16:55	6/19/24	
Phenanthrene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Phenol	10 U	10	1.0	1	06/20/24 16:55	6/19/24	
Pyrene	10 U	10	1.5	1	06/20/24 16:55	6/19/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	60	31 - 133	06/20/24 16:55	
2-Fluorobiphenyl	56	25 - 99	06/20/24 16:55	
2-Fluorophenol	41	15 - 72	06/20/24 16:55	
Nitrobenzene-d5	60	22 - 104	06/20/24 16:55	
Phenol-d6	27	10 - 55	06/20/24 16:55	
p-Terphenyl-d14	82	10 - 143	06/20/24 16:55	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	16	JN
	unknown	1.53	460	J
000108-88-3	Toluene	2.58	4.4	JN

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/17/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406668-04			RQ2406668-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270D	44.3	80.0	55	47.3	80.0	59	26-85	7	30
1,2-Dichlorobenzene	8270D	43.8	80.0	55	45.9	80.0	57	20-85	4	30
1,3-Dichlorobenzene	8270D	43.1	80.0	54	45.4	80.0	57	18-83	5	30
1,4-Dichlorobenzene	8270D	43.5	80.0	54	45.0	80.0	56	18-82	4	30
2,4,5-Trichlorophenol	8270D	63.0	80.0	79	73.7	80.0	92	55-114	15	30
2,4,6-Trichlorophenol	8270D	59.3	80.0	74	68.5	80.0	86	49-103	15	30
2,4-Dichlorophenol	8270D	53.0	80.0	66	62.8	80.0	78	43-101	17	30
2,4-Dimethylphenol	8270D	12.7	80.0	16 *	19.7	80.0	25 *	45-129	44*	30
2,4-Dinitrophenol	8270D	66.4	80.0	83	76.1	80.0	95	14-129	13	30
2,4-Dinitrotoluene	8270D	74.3	80.0	93	89.2	80.0	112	58-124	19	30
2,6-Dinitrotoluene	8270D	69.5	80.0	87	80.3	80.0	100	62-126	14	30
2-Chloronaphthalene	8270D	50.2	80.0	63	53.5	80.0	67	38-97	6	30
2-Chlorophenol	8270D	48.2	80.0	60	56.7	80.0	71	33-93	17	30
2-Methylnaphthalene	8270D	48.1	80.0	60	51.7	80.0	65	35-94	8	30
2-Methylphenol	8270D	38.3	80.0	48	47.0	80.0	59	41-97	21	30
2-Nitroaniline	8270D	64.5	80.0	81	75.9	80.0	95	56-122	16	30
2-Nitrophenol	8270D	60.5	80.0	76	70.4	80.0	88	36-101	15	30
3- and 4-Methylphenol Coelution	8270D	41.5	80.0	52	51.1	80.0	64	40-92	21	30
3-Nitroaniline	8270D	53.8	80.0	67	65.1	80.0	81	52-115	19	30
4,6-Dinitro-2-methylphenol	8270D	64.3	80.0	80	74.0	80.0	93	31-119	15	30
4-Bromophenyl Phenyl Ether	8270D	54.9	80.0	69	62.8	80.0	79	54-123	14	30
4-Chloro-3-methylphenol	8270D	52.8	80.0	66	63.1	80.0	79	52-104	18	30
4-Chloroaniline	8270D	45.8	80.0	57	56.5	80.0	71	43-113	22	30
4-Chlorophenyl Phenyl Ether	8270D	56.5	80.0	71	62.9	80.0	79	52-113	11	30
4-Nitroaniline	8270D	50.0	80.0	63	60.3	80.0	75	54-118	17	30
4-Nitrophenol	8270D	27.6 J	80.0	35	34.2 J	80.0	43	16-64	21	30
Acenaphthene	8270D	52.6	80.0	66	57.8	80.0	72	46-103	9	30
Acenaphthylene	8270D	55.6	80.0	69	61.7	80.0	77	51-114	11	30
Anthracene	8270D	60.2	80.0	75	69.8	80.0	87	61-115	15	30
Benz(a)anthracene	8270D	60.1	80.0	75	71.3	80.0	89	60-110	17	30
Benzo(a)pyrene	8270D	64.7	80.0	81	76.4	80.0	96	68-137	17	30
Benzo(b)fluoranthene	8270D	62.3	80.0	78	72.6	80.0	91	59-114	15	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/17/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406668-04			RQ2406668-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270D	63.1	80.0	79	73.9	80.0	92	60-123	15	30
Benzo(k)fluoranthene	8270D	66.4	80.0	83	80.0	80.0	100	62-122	19	30
Benzoic Acid	8270D	50 U	80.0	0 *	37.1 J	80.0	46	10-110	NC	30
Benzyl Alcohol	8270D	48.7	80.0	61	58.1	80.0	73	46-106	18	30
2,2'-Oxybis(1-chloropropane)	8270D	49.1	80.0	61	54.7	80.0	68	32-104	11	30
Bis(2-chloroethoxy)methane	8270D	57.6	80.0	72	67.5	80.0	84	55-126	15	30
Bis(2-chloroethyl) Ether	8270D	53.2	80.0	67	60.7	80.0	76	36-101	13	30
Bis(2-ethylhexyl) Phthalate	8270D	55.5	80.0	69	64.9	80.0	81	51-132	16	30
Butyl Benzyl Phthalate	8270D	57.5	80.0	72	68.4	80.0	85	54-122	17	30
Chrysene	8270D	63.2	80.0	79	73.7	80.0	92	64-116	15	30
Di-n-butyl Phthalate	8270D	57.3	80.0	72	67.3	80.0	84	61-147	15	30
Di-n-octyl Phthalate	8270D	60.2	80.0	75	69.6	80.0	87	43-139	15	30
Dibenz(a,h)anthracene	8270D	65.9	80.0	82	77.5	80.0	97	34-140	17	30
Dibenzofuran	8270D	55.2	80.0	69	61.7	80.0	77	50-107	11	30
Diethyl Phthalate	8270D	60.3	80.0	75	71.4	80.0	89	57-113	17	30
Dimethyl Phthalate	8270D	61.1	80.0	76	70.7	80.0	88	64-114	15	30
Fluoranthene	8270D	60.8	80.0	76	70.9	80.0	89	58-129	16	30
Fluorene	8270D	58.0	80.0	72	65.4	80.0	82	54-111	13	30
Hexachlorobenzene	8270D	56.6	80.0	71	66.8	80.0	83	54-122	16	30
Hexachlorobutadiene	8270D	41.4	80.0	52	43.5	80.0	54	25-89	4	30
Hexachlorocyclopentadiene	8270D	46.8	80.0	58	49.5	80.0	62	10-71	7	30
Hexachloroethane	8270D	40.5	80.0	51	42.3	80.0	53	16-81	4	30
Indeno(1,2,3-cd)pyrene	8270D	66.7	80.0	83	77.7	80.0	97	54-119	16	30
Isophorone	8270D	55.7	80.0	70	65.3	80.0	82	51-108	16	30
N-Nitrosodi-n-propylamine	8270D	52.0	80.0	65	60.8	80.0	76	44-101	16	30
N-Nitrosodiphenylamine	8270D	63.4	80.0	79	74.3	80.0	93	65-126	16	30
Naphthalene	8270D	48.3	80.0	60	52.5	80.0	66	32-91	10	30
Nitrobenzene	8270D	54.5	80.0	68	63.1	80.0	79	39-100	15	30
Pentachlorophenol (PCP)	8270D	53.9	80.0	67	61.4	80.0	77	11-154	14	30
Phenanthrene	8270D	58.4	80.0	73	67.8	80.0	85	60-111	15	30
Phenol	8270D	24.6	80.0	31	29.9	80.0	37	10-67	18	30
Pyrene	8270D	61.7	80.0	77	72.7	80.0	91	62-111	17	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/20/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2407085-06			RQ2407085-07					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270D	53.4	80.0	67	49.6	80.0	62	26-85	8	30
1,2-Dichlorobenzene	8270D	52.0	80.0	65	48.6	80.0	61	20-85	6	30
1,3-Dichlorobenzene	8270D	49.0	80.0	61	48.6	80.0	61	18-83	<1	30
1,4-Dichlorobenzene	8270D	49.7	80.0	62	47.5	80.0	59	18-82	5	30
2,4,5-Trichlorophenol	8270D	74.9	80.0	94	63.2	80.0	79	55-114	17	30
2,4,6-Trichlorophenol	8270D	69.4	80.0	87	60.2	80.0	75	49-103	15	30
2,4-Dichlorophenol	8270D	65.4	80.0	82	57.0	80.0	71	43-101	14	30
2,4-Dimethylphenol	8270D	50.3	80.0	63	47.3	80.0	59	45-129	7	30
2,4-Dinitrophenol	8270D	23.8 J	80.0	30	20 U	80.0	0 *	14-129	NC	30
2,4-Dinitrotoluene	8270D	88.3	80.0	110	74.7	80.0	93	58-124	17	30
2,6-Dinitrotoluene	8270D	87.7	80.0	110	74.2	80.0	93	62-126	17	30
2-Chloronaphthalene	8270D	67.5	80.0	84	59.5	80.0	74	38-97	13	30
2-Chlorophenol	8270D	61.3	80.0	77	57.4	80.0	72	33-93	7	30
2-Methylnaphthalene	8270D	61.1	80.0	76	55.0	80.0	69	35-94	10	30
2-Methylphenol	8270D	59.6	80.0	74	53.9	80.0	67	41-97	10	30
2-Nitroaniline	8270D	83.6	80.0	105	71.4	80.0	89	56-122	16	30
2-Nitrophenol	8270D	68.6	80.0	86	60.8	80.0	76	36-101	12	30
3- and 4-Methylphenol Coelution	8270D	61.0	80.0	76	54.9	80.0	69	40-92	10	30
3-Nitroaniline	8270D	82.1	80.0	103	68.6	80.0	86	52-115	18	30
4,6-Dinitro-2-methylphenol	8270D	54.5	80.0	68	45.1 J	80.0	56	31-119	19	30
4-Bromophenyl Phenyl Ether	8270D	74.7	80.0	93	62.6	80.0	78	54-123	18	30
4-Chloro-3-methylphenol	8270D	67.2	80.0	84	58.6	80.0	73	52-104	14	30
4-Chloroaniline	8270D	71.8	80.0	90	62.3	80.0	78	43-113	14	30
4-Chlorophenyl Phenyl Ether	8270D	72.5	80.0	91	63.1	80.0	79	52-113	14	30
4-Nitroaniline	8270D	77.4	80.0	97	67.3	80.0	84	54-118	14	30
4-Nitrophenol	8270D	26.3 J	80.0	33	20.4 J	80.0	26	16-64	24	30
Acenaphthene	8270D	73.4	80.0	92	63.7	80.0	80	46-103	14	30
Acenaphthylene	8270D	73.9	80.0	92	64.7	80.0	81	51-114	13	30
Anthracene	8270D	77.5	80.0	97	64.6	80.0	81	61-115	18	30
Benz(a)anthracene	8270D	75.9	80.0	95	63.2	80.0	79	60-110	18	30
Benzo(a)pyrene	8270D	82.0	80.0	103	67.2	80.0	84	68-137	20	30
Benzo(b)fluoranthene	8270D	75.8	80.0	95	62.9	80.0	79	59-114	18	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/20/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2407085-06			RQ2407085-07					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270D	76.3	80.0	95	64.1	80.0	80	60-123	17	30
Benzo(k)fluoranthene	8270D	80.8	80.0	101	67.1	80.0	84	62-122	18	30
Benzoic Acid	8270D	51.1	80.0	64	37.2 J	80.0	47	10-110	31*	30
Benzyl Alcohol	8270D	67.6	80.0	84	60.9	80.0	76	46-106	10	30
2,2'-Oxybis(1-chloropropane)	8270D	68.5	80.0	86	62.4	80.0	78	32-104	10	30
Bis(2-chloroethoxy)methane	8270D	72.3	80.0	90	63.3	80.0	79	55-126	13	30
Bis(2-chloroethyl) Ether	8270D	66.2	80.0	83	59.9	80.0	75	36-101	10	30
Bis(2-ethylhexyl) Phthalate	8270D	77.2	80.0	97	63.7	80.0	80	51-132	19	30
Butyl Benzyl Phthalate	8270D	72.4	80.0	91	59.9	80.0	75	54-122	19	30
Chrysene	8270D	78.3	80.0	98	66.5	80.0	83	64-116	17	30
Di-n-butyl Phthalate	8270D	75.2	80.0	94	62.1	80.0	78	61-147	19	30
Di-n-octyl Phthalate	8270D	76.7	80.0	96	62.5	80.0	78	43-139	21	30
Dibenz(a,h)anthracene	8270D	83.6	80.0	105	69.6	80.0	87	34-140	19	30
Dibenzofuran	8270D	75.4	80.0	94	65.2	80.0	81	50-107	15	30
Diethyl Phthalate	8270D	80.3	80.0	100	68.1	80.0	85	57-113	16	30
Dimethyl Phthalate	8270D	79.4	80.0	99	67.5	80.0	84	64-114	16	30
Fluoranthene	8270D	76.3	80.0	95	63.0	80.0	79	58-129	18	30
Fluorene	8270D	75.9	80.0	95	64.6	80.0	81	54-111	16	30
Hexachlorobenzene	8270D	72.8	80.0	91	63.3	80.0	79	54-122	14	30
Hexachlorobutadiene	8270D	45.7	80.0	57	41.8	80.0	52	25-89	9	30
Hexachlorocyclopentadiene	8270D	34.3	80.0	43	31.7	80.0	40	10-71	7	30
Hexachloroethane	8270D	47.1	80.0	59	43.8	80.0	55	16-81	7	30
Indeno(1,2,3-cd)pyrene	8270D	81.3	80.0	102	69.2	80.0	86	54-119	17	30
Isophorone	8270D	70.8	80.0	88	61.6	80.0	77	51-108	13	30
N-Nitrosodi-n-propylamine	8270D	68.3	80.0	85	61.4	80.0	77	44-101	10	30
N-Nitrosodiphenylamine	8270D	83.1	80.0	104	70.4	80.0	88	65-126	17	30
Naphthalene	8270D	58.8	80.0	73	54.9	80.0	69	32-91	6	30
Nitrobenzene	8270D	65.0	80.0	81	61.2	80.0	77	39-100	5	30
Pentachlorophenol (PCP)	8270D	33.0 J	80.0	41	24.8 J	80.0	31	11-154	28	30
Phenanthrene	8270D	76.8	80.0	96	64.8	80.0	81	60-111	17	30
Phenol	8270D	35.0	80.0	44	32.5	80.0	41	10-67	7	30
Pyrene	8270D	77.1	80.0	96	64.7	80.0	81	62-111	17	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:** R2405032

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-TR1045-18A-410-060724-031-SG	R2405032-001	50	59 P
WG-TR1045-18A-410-060724-033-SG	R2405032-002	50	66
WG-TR1045-18A-410-060724-035-SG	R2405032-003	28	52
WG-TR1045-18A-410-060724-036-SG	R2405032-004	14	137 P *
WG-TR1045-18A-410-060724-030-JA	R2405032-006	68	66
WG-TR1045-18A-410-060724-032-JA	R2405032-007	47	57
WG-TR1045-18A-410-060724-034-JA	R2405032-008	54	49
WG-TR1045-18A-410-060724-030-JA MS	RQ2406569-01	54	62
WG-TR1045-18A-410-060724-030-JA DMS	RQ2406569-02	41	63
Method Blank	RQ2406569-05	73	48
Method Blank	RQ2406569-05	70	46
Lab Control Sample	RQ2406569-06	55	63
Lab Control Sample	RQ2406569-06	47	55
Duplicate Lab Control Sample	RQ2406569-07	71	51
Duplicate Lab Control Sample	RQ2406569-07	64	46

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/20/24
		Date Extracted:	06/11/24

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8081B		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406569-01			RQ2406569-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	0.050 U	0.304	0.400	76	0.298	0.400	74	38-157	2	30
4,4'-DDE	0.050 U	0.313	0.400	78	0.306	0.400	76	10-200	2	30
4,4'-DDT	0.050 U	0.362	0.400	90	0.325	0.400	81	19-154	11	30
Aldrin	0.050 U	0.307	0.400	77	0.303	0.400	76	26-149	1	30
Dieldrin	0.050 U	0.328	0.400	82	0.328	0.400	82	41-164	<1	30
Endosulfan I	0.050 U	0.305	0.400	76	0.302	0.400	75	47-149	1	30
Endosulfan II	0.050 U	0.315	0.400	79	0.314	0.400	78	51-148	<1	30
Endosulfan Sulfate	0.050 U	0.330	0.400	83	0.322	0.400	80	10-170	3	30
Endrin	0.050 U	0.382	0.400	95	0.375	0.400	94	48-165	2	30
Endrin Ketone	0.050 U	0.345	0.400	86	0.327	0.400	82	48-162	5	30
Heptachlor	0.050 U	0.345	0.400	86	0.329	0.400	82	29-168	5	30
Heptachlor Epoxide	0.050 U	0.346	0.400	87	0.351	0.400	88	29-180	1	30
Methoxychlor	0.050 U	0.374	0.400	93	0.366	0.400	91	38-162	2	30
alpha-BHC	0.050 U	0.328	0.400	82	0.339	0.400	85	27-154	3	30
alpha-Chlordane	0.050 U	0.322	0.400	80	0.315	0.400	79	35-160	2	30
beta-BHC	0.050 U	0.334	0.400	83	0.342	0.400	85	32-184	2	30
delta-BHC	0.050 U	0.342	0.400	86	0.349	0.400	87	10-182	2	30
gamma-BHC (Lindane)	0.050 U	0.338	0.400	85	0.342	0.400	85	43-164	1	30
gamma-Chlordane	0.050 U	0.334	0.400	84	0.325	0.400	81	35-165	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:**	R2405032
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:	RQ2406569-05	**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	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 17:22	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	73	10 - 111	06/19/24 17:22	
Tetrachloro-m-xylene	47	10 - 101	06/19/24 17:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**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	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
4,4'-DDE	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
4,4'-DDT	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Aldrin	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Dieldrin	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endosulfan I	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endosulfan II	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endosulfan Sulfate	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endrin	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endrin Ketone	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Heptachlor	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Heptachlor Epoxide	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Methoxychlor	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Toxaphene	0.50	U	0.50	0.50	1	06/19/24 18:49	6/11/24	
alpha-BHC	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
alpha-Chlordane	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
beta-BHC	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
delta-BHC	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
gamma-BHC (Lindane)	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
gamma-Chlordane	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 111	06/19/24 18:49	
Tetrachloro-m-xylene	46	10 - 101	06/19/24 18:49	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/19/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406569-06			RQ2406569-07					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.314	0.400	79	0.308	0.400	77	38-116	2	30
4,4'-DDE	8081B	0.308	0.400	77	0.297	0.400	74	40-107	4	30
4,4'-DDT	8081B	0.276	0.400	69	0.266	0.400	67	41-121	4	30
Aldrin	8081B	0.234	0.400	58	0.207	0.400	52	27-85	12	30
Dieldrin	8081B	0.335	0.400	84	0.326	0.400	81	45-112	3	30
Endosulfan I	8081B	0.311	0.400	78	0.301	0.400	75	44-111	3	30
Endosulfan II	8081B	0.329	0.400	82	0.313	0.400	78	44-114	5	30
Endosulfan Sulfate	8081B	0.327	0.400	82	0.304	0.400	76	38-119	7	30
Endrin	8081B	0.292	0.400	73	0.297	0.400	74	47-116	2	30
Endrin Ketone	8081B	0.344	0.400	86	0.332	0.400	83	44-120	3	30
Heptachlor	8081B	0.246	0.400	62	0.239	0.400	60	33-99	3	30
Heptachlor Epoxide	8081B	0.342	0.400	85	0.330	0.400	82	46-111	4	30
Methoxychlor	8081B	0.281	0.400	70	0.306	0.400	77	29-138	8	30
alpha-BHC	8081B	0.343	0.400	86	0.332	0.400	83	39-107	3	30
alpha-Chlordane	8081B	0.316	0.400	79	0.305	0.400	76	44-107	4	30
beta-BHC	8081B	0.346	0.400	87	0.335	0.400	84	47-110	3	30
delta-BHC	8081B	0.351	0.400	88	0.321	0.400	80	43-109	9	30
gamma-BHC (Lindane)	8081B	0.337	0.400	84	0.326	0.400	82	41-105	3	30
gamma-Chlordane	8081B	0.322	0.400	80	0.308	0.400	77	41-107	4	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405032

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-TR1045-18A-410-060724-031-SG	R2405032-001	37	56
WG-TR1045-18A-410-060724-033-SG	R2405032-002	36	58
WG-TR1045-18A-410-060724-035-SG	R2405032-003	24	51
WG-TR1045-18A-410-060724-036-SG	R2405032-004	10	118 *
WG-TR1045-18A-410-060724-030-JA	R2405032-006	49	61
WG-TR1045-18A-410-060724-032-JA	R2405032-007	38	50
WG-TR1045-18A-410-060724-034-JA	R2405032-008	40	47
WG-TR1045-18A-410-060724-030-JA MS	RQ2406569-03	49	61
WG-TR1045-18A-410-060724-030-JA DMS	RQ2406569-04	46	59
Method Blank	RQ2406569-05	56	46
Method Blank	RQ2406569-05	43	47
Lab Control Sample	RQ2406569-08	54	58
Lab Control Sample	RQ2406569-08	43	59
Duplicate Lab Control Sample	RQ2406569-09	57	51
Duplicate Lab Control Sample	RQ2406569-09	47	46

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/15/24
		Date Extracted:	06/11/24

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406569-03			RQ2406569-04					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	1.0 U	3.06	4.00	77	3.12	4.00	78	32-142	2	30
Aroclor 1260	1.0 U	2.80	4.00	70	2.75	4.00	69	28-142	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.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**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	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 02:58	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10 - 118	06/15/24 02:58	
Tetrachloro-m-xylene	46	10 - 103	06/15/24 02:58	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**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	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 12:08	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	43	10 - 118	06/19/24 12:08	
Tetrachloro-m-xylene	47	10 - 103	06/19/24 12:08	

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: R2405032
Date Analyzed: 06/19/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406569-08			RQ2406569-09					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.24	4.00	81	3.10	4.00	78	35-131	4	30
Aroclor 1260	8082A	3.12	4.00	78	2.91	4.00	73	37-141	7	30

June 27, 2024 Service Request No:R2405032

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 08, 2024
For your reference, these analyses have been assigned our service request number **R2405032.**

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: R2405032
Date Received: 06/08/2024

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:

Eight water samples were received for analysis at ALS Environmental on 06/08/2024. 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 8270D, 06/17/2024: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) and the Duplicate Laboratory Control Sample (DLCS) was exceeded for one or more analyte. The discrepancy associated with reduced recovery equates to a potential low bias. The associated samples were scheduled for re-extract. The analytes affected are flagged in the LCS Summary.
Method 8270D:The extraction of one or more sample(s) was initially performed within holding time, but were re-extracted due to a QC failure. Efforts were made to re-extract the samples as soon as possible. The re-extraction was performed past the recommended holding time. The data are flagged to indicate the holding time exceedance.

Method 8270D, 06/20/2024: 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 8270D, 06/20/2024: The Method Blank contained a low level of one or more analytes at concentrations above the Method Reporting Limit (MRL). Since there were no detections of the analyte(s) in the associated field samples, the data quality was not significantly affected and no further corrective action was taken. R2405032-004 has hit for Benzoic Acid see original run for confirmation.

2,4-dinitrophenol has been reported as zero percent recovery in the LCSD due to a limitation in LIMs. 2,4-dinitrophenol was detected at 17.5% recovery, within laboratory limits. The LCSD is acceptable and should not be flagged on the summary form. The precision is also outside laboratory control limits.

Method 8270D,845103: Reanalysis at a dilution was required for R2405032-004 due to target compound results exceeding linear range.

2,4-dinitrophenol has been reported as zero percent recovery in the MS/MSD due to a limitation in LIMs. 2.4-ditrophenol was detected at 10.8% and 8.4% recovery, respectively. The recovery is outside of limits, however data quality was not impacted and MS/MSD were reported. The precision is also outside laboratory control limits.

Semivoa GC:

Method 8081B, 06/20/2024: 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

Approved by _____ Date 06/27/2024

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 8081B, 845430s: 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.
Method 8082A: The upper control limit was exceeded for one or more surrogates in one or more samples in this report. The elevated recovery equates to a high bias. Since no target analytes were detected in the sample(s), the quality of the sample data is not significantly affected. No further corrective action was appropriate.

Volatiles by GC/MS:

Method 8260C, 06/18/2024: 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 06/27/2024

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

Service Request:R2405032

SAMPLE CROSS-REFERENCE

R2405032-001	WG-TR1045-18A-410-060724-031-SG	6/7/2024	0920
R2405032-002	WG-TR1045-18A-410-060724-033-SG	6/7/2024	1035
R2405032-003	WG-TR1045-18A-410-060724-035-SG	6/7/2024	1035
R2405032-004	WG-TR1045-18A-410-060724-036-SG	6/7/2024	1245
R2405032-005	Trip Blank	6/7/2024	
R2405032-006	WG-TR1045-18A-410-060724-030-JA	6/7/2024	1020
R2405032-007	WG-TR1045-18A-410-060724-032-JA	6/7/2024	1145
R2405032-008	WG-TR1045-18A-410-060724-034-JA	6/7/2024	1315

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY

DATE: 06/07/24
PAGE: 1 OF 2

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Bucior, & Dennis Hoyt
ADDRESS: 805 97th Street
CITY: Niagara Falls STATE: NY ZIP: 14304
TEL: 716-969-5567 Fax:

CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)
PROJECT CONTACT: Christa Bucior & Dennis Hoyt
E-MAIL: christa.bucior@geosyntec.com dhoyt@geosyntec.com

P.O. NO.: 292-402-D02-3100
SAMPLER(S): (PRINT) Shawn Gardner

REQUESTED ANALYSES

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	Field Filtered	7D 8081B/7 Pest DC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060724-031-SG	6/7/2024	9:20	WG	3		X					X			
	WG-TR1045-18A-410-060724-031-SG	6/7/2024	9:20	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060724-033-SG	6/7/2024	10:35	WG	3		X					X			
	WG-TR1045-18A-410-060724-033-SG	6/7/2024	10:35	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060724-035-SG	6/7/2024	10:35	WG	3		X					X			
	WG-TR1045-18A-410-060724-035-SG	6/7/2024	10:35	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060724-036-SG	6/7/2024	12:45	WG	3		X					X			
	WG-TR1045-18A-410-060724-036-SG	6/7/2024	12:45	WG	4	X			X	X	X				
	TRIPBLANK	6/7/2024		WGQ	2		X					X			
	WG-TR1045-18A-410-060724-030-JA	6/7/2024	10:20	WG	9		X					X			X
	WG-TR1045-18A-410-060724-030-JA	6/7/2024	10:20	WG	12	X			X	X	X				X
	WG-TR1045-18A-410-060724-032-JA	6/7/2024	11:45	WG	3		X					X			
	WG-TR1045-18A-410-060724-032-JA	6/7/2024	11:45	WG	4	X			X	X	X				
	WG-TR1045-18A-410-060724-034-JA	6/7/2024	13:15	WG	3		X					X			

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
SHAWN GARDNER	Shawn Gardner	6/7/24	1400	Mathew Madey	Mathew	6/8/24	9:05

R2405032 5
GHD Services Inc.
Love Canal:292-402-D02-3100

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY

DATE: 06/07/24
PAGE: 2 OF 2

LABORATORY CLIENT: Geosyntec
Report to Sheri Finn, Christa Buclor, & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-969-5567 Fax:

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

PROJECT CONTACT: Christa Buclor & Dennis Hoyt

E-MAIL: christa.buclor@geosyntec.com dhoyt@geosyntec.com

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

SAMPLER(S): (PRINT) Shawn Gardner

REQUESTED ANALYSES

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	Field Filtered	7D 8081B/7 Pest DC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP			MS/MSD
	WG-TR1045-18A-410-060724-034-JA	6/7/2024	13:15	WG	4	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	6/7/24	1400	Mathew Marley		6/8/24	9:05
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/Affiliation)	Date:	Time:

R2405032 5
GHD Services Inc.
Love Canal:292-402-D02-3100

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR# _____

001

T063929

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

R2405032 5
GHD Services Inc.
Love Canal:292-402-D02-3100

Cooler Receipt and Preservation Check Form

Project/Client Geosyntec Folder Number .

Cooler received on 6/8/24 by: MM 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: 6/8/24 Time: 10:37 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	1.3	1.4					
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: R1002 by MM on 6/8/24 at 10:51
5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/10/24 Time: 1036 by: SES.

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	**	**	24006976	11/26				

**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: 012924-1GJ, 040824-3AXH
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES. *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
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:** R2405032
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060724-031-SG **Date Collected:** 06/7/24
Lab Code: R2405032-001 **Date Received:** 06/8/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060724-031-SG **Date Collected:** 06/7/24
Lab Code: R2405032-001.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-033-SG **Date Collected:** 06/7/24
Lab Code: R2405032-002 **Date Received:** 06/8/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060724-033-SG **Date Collected:** 06/7/24
Lab Code: R2405032-002.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405032
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060724-035-SG **Date Collected:** 06/7/24
Lab Code: R2405032-003 **Date Received:** 06/8/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060724-035-SG **Date Collected:** 06/7/24
Lab Code: R2405032-003.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-036-SG **Date Collected:** 06/7/24
Lab Code: R2405032-004 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-036-SG **Date Collected:** 06/7/24
Lab Code: R2405032-004.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405032
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: Trip Blank **Date Collected:** 06/7/24
Lab Code: R2405032-005 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		FNAEGLER

Sample Name: WG-TR1045-18A-410-060724-030-JA **Date Collected:** 06/7/24
Lab Code: R2405032-006 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-030-JA **Date Collected:** 06/7/24
Lab Code: R2405032-006.R01 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060724-032-JA **Date Collected:** 06/7/24
Lab Code: R2405032-007 **Date Received:** 06/8/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Date Collected:**	06/7/24
Lab Code:	R2405032-007.R01	**Date Received:**	06/8/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Date Collected:**	06/7/24
Lab Code:	R2405032-008	**Date Received:**	06/8/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Date Collected:**	06/7/24
Lab Code:	R2405032-008.R01	**Date Received:**	06/8/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,1,2-Trichloroethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,2-Dichloroethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
1,2-Dichloropropane	5.0	U	5.0	0.20	1	06/18/24 15:14	
2-Butanone (MEK)	10	U	10	0.78	1	06/18/24 15:14	
2-Hexanone	10	U	10	0.20	1	06/18/24 15:14	
4-Methyl-2-pentanone	10	U	10	0.20	1	06/18/24 15:14	
Acetone	10	U	10	5.0	1	06/18/24 15:14	
Benzene	5.0	U	5.0	0.20	1	06/18/24 15:14	
Bromodichloromethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
Bromoform	5.0	U	5.0	0.25	1	06/18/24 15:14	
Bromomethane	5.0	U	5.0	0.70	1	06/18/24 15:14	
Carbon Disulfide	**150**		10	0.42	1	06/18/24 15:14	
Carbon Tetrachloride	5.0	U	5.0	0.34	1	06/18/24 15:14	
Chlorobenzene	5.0	U	5.0	0.20	1	06/18/24 15:14	
Chloroethane	5.0	U	5.0	0.23	1	06/18/24 15:14	
Chloroform	5.0	U	5.0	0.51	1	06/18/24 15:14	
Chloromethane	5.0	U	5.0	0.80	1	06/18/24 15:14	
Dibromochloromethane	5.0	U	5.0	0.20	1	06/18/24 15:14	
Dichloromethane	5.0	U	5.0	0.65	1	06/18/24 15:14	
Ethylbenzene	**0.20**	**J**	5.0	0.20	1	06/18/24 15:14	
Styrene	5.0	U	5.0	0.20	1	06/18/24 15:14	
Tetrachloroethene (PCE)	5.0	U	5.0	0.21	1	06/18/24 15:14	
Toluene	**0.56**	**J**	5.0	0.20	1	06/18/24 15:14	
Trichloroethene (TCE)	5.0	U	5.0	0.20	1	06/18/24 15:14	
Vinyl Acetate	10	U	10	1.1	1	06/18/24 15:14	
Vinyl Chloride	5.0	U	5.0	0.20	1	06/18/24 15:14	
Xylenes, Total	**0.30**	**J**	5.0	0.23	1	06/18/24 15:14	
cis-1,2-Dichloroethene	5.0	U	5.0	0.23	1	06/18/24 15:14	
cis-1,3-Dichloropropene	5.0	U	5.0	0.20	1	06/18/24 15:14	
trans-1,2-Dichloroethene	5.0	U	5.0	0.20	1	06/18/24 15:14	
trans-1,3-Dichloropropene	5.0	U	5.0	0.23	1	06/18/24 15:14	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/18/24 15:14	
Dibromofluoromethane	98	80 - 116	06/18/24 15:14	
Toluene-d8	98	87 - 121	06/18/24 15:14	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	14.2	J
007446-09-5	Sulfur dioxide	1.26	10.0	JN
000074-93-1	Methanethiol	1.41	114.3	JN
	unknown	1.49	11.8	J
003658-80-8	Trisulfide, dimethyl	11.27	7.4	JN
000075-18-3	Dimethyl sulfide	2.19	389.0	JN
000624-89-5	Ethane, (methylthio)-	3.89	36.6	JN
000624-92-0	Disulfide, dimethyl	7.80	49.2	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/18/24 15:37	
2-Butanone (MEK)	10 U	10	0.78	1	06/18/24 15:37	
2-Hexanone	10 U	10	0.20	1	06/18/24 15:37	
4-Methyl-2-pentanone	**0.54 J**	10	0.20	1	06/18/24 15:37	
Acetone	10 U	10	5.0	1	06/18/24 15:37	
Benzene	5.0 U	5.0	0.20	1	06/18/24 15:37	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
Bromoform	5.0 U	5.0	0.25	1	06/18/24 15:37	
Bromomethane	5.0 U	5.0	0.70	1	06/18/24 15:37	
Carbon Disulfide	**2.5 J**	10	0.42	1	06/18/24 15:37	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/18/24 15:37	
Chlorobenzene	5.0 U	5.0	0.20	1	06/18/24 15:37	
Chloroethane	5.0 U	5.0	0.23	1	06/18/24 15:37	
Chloroform	5.0 U	5.0	0.51	1	06/18/24 15:37	
Chloromethane	5.0 U	5.0	0.80	1	06/18/24 15:37	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/18/24 15:37	
Dichloromethane	5.0 U	5.0	0.65	1	06/18/24 15:37	
Ethylbenzene	5.0 U	5.0	0.20	1	06/18/24 15:37	
Styrene	5.0 U	5.0	0.20	1	06/18/24 15:37	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/18/24 15:37	
Toluene	**1.0 J**	5.0	0.20	1	06/18/24 15:37	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/18/24 15:37	
Vinyl Acetate	10 U	10	1.1	1	06/18/24 15:37	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/18/24 15:37	
Xylenes, Total	5.0 U	5.0	0.23	1	06/18/24 15:37	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/18/24 15:37	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/18/24 15:37	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/18/24 15:37	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/18/24 15:37	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/18/24 15:37	
Dibromofluoromethane	100	80 - 116	06/18/24 15:37	
Toluene-d8	99	87 - 121	06/18/24 15:37	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	14.0	J
007446-09-5	Sulfur dioxide	1.14	5.3	JN
000104-76-7	1-Hexanol, 2-ethyl-	11.87	217.6	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/18/24 16:00	
2-Butanone (MEK)	10 U	10	0.78	1	06/18/24 16:00	
2-Hexanone	10 U	10	0.20	1	06/18/24 16:00	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/18/24 16:00	
Acetone	10 U	10	5.0	1	06/18/24 16:00	
Benzene	5.0 U	5.0	0.20	1	06/18/24 16:00	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
Bromoform	5.0 U	5.0	0.25	1	06/18/24 16:00	
Bromomethane	5.0 U	5.0	0.70	1	06/18/24 16:00	
Carbon Disulfide	10 U	10	0.42	1	06/18/24 16:00	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/18/24 16:00	
Chlorobenzene	**0.42 J**	5.0	0.20	1	06/18/24 16:00	
Chloroethane	5.0 U	5.0	0.23	1	06/18/24 16:00	
Chloroform	5.0 U	5.0	0.51	1	06/18/24 16:00	
Chloromethane	5.0 U	5.0	0.80	1	06/18/24 16:00	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/18/24 16:00	
Dichloromethane	5.0 U	5.0	0.65	1	06/18/24 16:00	
Ethylbenzene	5.0 U	5.0	0.20	1	06/18/24 16:00	
Styrene	5.0 U	5.0	0.20	1	06/18/24 16:00	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/18/24 16:00	
Toluene	**0.34 J**	5.0	0.20	1	06/18/24 16:00	
Trichloroethene (TCE)	**0.49 J**	5.0	0.20	1	06/18/24 16:00	
Vinyl Acetate	10 U	10	1.1	1	06/18/24 16:00	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/18/24 16:00	
Xylenes, Total	5.0 U	5.0	0.23	1	06/18/24 16:00	
cis-1,2-Dichloroethene	**3.0 J**	5.0	0.23	1	06/18/24 16:00	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/18/24 16:00	
trans-1,2-Dichloroethene	**0.61 J**	5.0	0.20	1	06/18/24 16:00	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/18/24 16:00	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/18/24 16:00	
Dibromofluoromethane	100	80 - 116	06/18/24 16:00	
Toluene-d8	101	87 - 121	06/18/24 16:00	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	15.7	J
000075-28-5	Isobutane	1.16	40.6	JN
000078-78-4	Butane, 2-methyl-	1.59	15.6	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1000	U	1000	40	200	06/17/24 16:22	
1,1,2,2-Tetrachloroethane	1000	U	1000	40	200	06/17/24 16:22	
1,1,2-Trichloroethane	1000	U	1000	40	200	06/17/24 16:22	
1,1-Dichloroethane (1,1-DCA)	1000	U	1000	40	200	06/17/24 16:22	
1,1-Dichloroethene (1,1-DCE)	1000	U	1000	40	200	06/17/24 16:22	
1,2-Dichloroethane	1000	U	1000	40	200	06/17/24 16:22	
1,2-Dichloropropane	1000	U	1000	40	200	06/17/24 16:22	
2-Butanone (MEK)	2000	U	2000	160	200	06/17/24 16:22	
2-Hexanone	2000	U	2000	40	200	06/17/24 16:22	
4-Methyl-2-pentanone	2000	U	2000	40	200	06/17/24 16:22	
Acetone	2000	U	2000	1000	200	06/17/24 16:22	
Benzene	**6800**		1000	40	200	06/17/24 16:22	
Bromodichloromethane	1000	U	1000	40	200	06/17/24 16:22	
Bromoform	1000	U	1000	50	200	06/17/24 16:22	
Bromomethane	1000	U	1000	140	200	06/17/24 16:22	
Carbon Disulfide	2000	U	2000	84	200	06/17/24 16:22	
Carbon Tetrachloride	1000	U	1000	68	200	06/17/24 16:22	
Chlorobenzene	**2500**		1000	40	200	06/17/24 16:22	
Chloroethane	1000	U	1000	46	200	06/17/24 16:22	
Chloroform	1000	U	1000	110	200	06/17/24 16:22	
Chloromethane	1000	U	1000	160	200	06/17/24 16:22	
Dibromochloromethane	1000	U	1000	40	200	06/17/24 16:22	
Dichloromethane	1000	U	1000	130	200	06/17/24 16:22	
Ethylbenzene	1000	U	1000	40	200	06/17/24 16:22	
Styrene	1000	U	1000	40	200	06/17/24 16:22	
Tetrachloroethene (PCE)	1000	U	1000	42	200	06/17/24 16:22	
Toluene	**23000**		1000	40	200	06/17/24 16:22	
Trichloroethene (TCE)	1000	U	1000	40	200	06/17/24 16:22	
Vinyl Acetate	2000	U	2000	220	200	06/17/24 16:22	
Vinyl Chloride	1000	U	1000	40	200	06/17/24 16:22	
Xylenes, Total	1000	U	1000	46	200	06/17/24 16:22	
cis-1,2-Dichloroethene	1000	U	1000	46	200	06/17/24 16:22	
cis-1,3-Dichloropropene	1000	U	1000	40	200	06/17/24 16:22	
trans-1,2-Dichloroethene	1000	U	1000	40	200	06/17/24 16:22	
trans-1,3-Dichloropropene	1000	U	1000	46	200	06/17/24 16:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/17/24 16:22	
Dibromofluoromethane	105	80 - 116	06/17/24 16:22	
Toluene-d8	106	87 - 121	06/17/24 16:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.53	1048.0	J
000095-49-8	Benzene, 1-chloro-2-methyl-	11.34	8150.0	JN
000108-41-8	Benzene, 1-chloro-3-methyl-	11.44	4062.0	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405032-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 13:45	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 13:45	
2-Hexanone	10 U	10	0.20	1	06/17/24 13:45	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 13:45	
Acetone	10 U	10	5.0	1	06/17/24 13:45	
Benzene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 13:45	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 13:45	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 13:45	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 13:45	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 13:45	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 13:45	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 13:45	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 13:45	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 13:45	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Styrene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 13:45	
Toluene	5.0 U	5.0	0.20	1	06/17/24 13:45	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 13:45	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 13:45	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 13:45	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 13:45	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 13:45	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 13:45	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 13:45	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 13:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405032-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/17/24 13:45	
Dibromofluoromethane	102	80 - 116	06/17/24 13:45	
Toluene-d8	102	87 - 121	06/17/24 13:45	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2405032-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 14:07	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 14:07	
2-Hexanone	10 U	10	0.20	1	06/17/24 14:07	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 14:07	
Acetone	10 U	10	5.0	1	06/17/24 14:07	
Benzene	5.0 U	5.0	0.20	1	06/17/24 14:07	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 14:07	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 14:07	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 14:07	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 14:07	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 14:07	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 14:07	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 14:07	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 14:07	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 14:07	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 14:07	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 14:07	
Styrene	5.0 U	5.0	0.20	1	06/17/24 14:07	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 14:07	
Toluene	**0.30 J**	5.0	0.20	1	06/17/24 14:07	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 14:07	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 14:07	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 14:07	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 14:07	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 14:07	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 14:07	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 14:07	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 14:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/17/24 14:07	
Dibromofluoromethane	103	80 - 116	06/17/24 14:07	
Toluene-d8	104	87 - 121	06/17/24 14:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 14:29	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 14:29	
2-Hexanone	10 U	10	0.20	1	06/17/24 14:29	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 14:29	
Acetone	10 U	10	5.0	1	06/17/24 14:29	
Benzene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 14:29	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 14:29	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 14:29	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 14:29	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 14:29	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 14:29	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 14:29	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 14:29	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 14:29	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Styrene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 14:29	
Toluene	5.0 U	5.0	0.20	1	06/17/24 14:29	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 14:29	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 14:29	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 14:29	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 14:29	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 14:29	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 14:29	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 14:29	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 14:29	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/17/24 14:29	
Dibromofluoromethane	102	80 - 116	06/17/24 14:29	
Toluene-d8	102	87 - 121	06/17/24 14:29	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	33.2	J
	unknown	1.00	28.4	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 14:52	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 14:52	
2-Hexanone	10 U	10	0.20	1	06/17/24 14:52	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 14:52	
Acetone	10 U	10	5.0	1	06/17/24 14:52	
Benzene	5.0 U	5.0	0.20	1	06/17/24 14:52	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 14:52	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 14:52	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 14:52	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 14:52	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 14:52	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 14:52	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 14:52	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 14:52	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 14:52	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 14:52	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 14:52	
Styrene	5.0 U	5.0	0.20	1	06/17/24 14:52	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 14:52	
Toluene	**0.39 J**	5.0	0.20	1	06/17/24 14:52	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 14:52	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 14:52	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 14:52	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 14:52	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 14:52	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 14:52	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 14:52	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 14:52	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/17/24 14:52	
Dibromofluoromethane	103	80 - 116	06/17/24 14:52	
Toluene-d8	104	87 - 121	06/17/24 14:52	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 16:55	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 16:55	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 16:55	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 16:55	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 16:55	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 16:55	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 16:55	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 16:55	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 16:55	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 16:55	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 16:55	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 16:55	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 16:55	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 16:55	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 16:55	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 16:55	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 16:55	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 16:55	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 16:55	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 16:55	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 16:55	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 16:55	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 16:55	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 16:55	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 16:55	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 16:55	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 16:55	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 16:55	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 16:55	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 16:55	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 16:55	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 16:55	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	95	31 - 133	06/17/24 16:55	
2-Fluorobiphenyl	57	25 - 99	06/17/24 16:55	
2-Fluorophenol	48	15 - 72	06/17/24 16:55	
Nitrobenzene-d5	65	22 - 104	06/17/24 16:55	
Phenol-d6	44	10 - 55	06/17/24 16:55	
p-Terphenyl-d14	94	10 - 143	06/17/24 16:55	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	13	JN
	unknown	1.61	7.1	J
	unknown	1.70	350	J
	unknown	2.46	7.0	J
	unknown	6.23	150	J
013798-23-7	Sulfur	8.07	24	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 18:09	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 18:09	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 18:09	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 18:09	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 18:09	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 18:09	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 18:09	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 18:09	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 18:09	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 18:09	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 18:09	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 18:09	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 18:09	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 18:09	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 18:09	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 18:09	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 18:09	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 18:09	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 18:09	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 18:09	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 18:09	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 18:09	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 18:09	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 18:09	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 18:09	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 18:09	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 18:09	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 18:09	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	83	31 - 133	06/20/24 18:09	
2-Fluorobiphenyl	67	25 - 99	06/20/24 18:09	
2-Fluorophenol	58	15 - 72	06/20/24 18:09	
Nitrobenzene-d5	74	22 - 104	06/20/24 18:09	
Phenol-d6	45	10 - 55	06/20/24 18:09	
p-Terphenyl-d14	78	10 - 143	06/20/24 18:09	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	15	JN
	unknown	1.52	510	J
	unknown	13.92	7.6	J
000624-92-0	Disulfide, dimethyl	2.33	5.4	JN
000765-46-8	Spiro[2.4]hepta-4,6-diene	2.58	9.4	JN
000108-41-8	Benzene, 1-chloro-3-methyl-	4.28	6.3	JN
	unknown	6.17	170	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	9.00	10	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 17:20	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 17:20	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 17:20	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 17:20	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 17:20	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 17:20	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 17:20	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 17:20	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 17:20	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 17:20	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 17:20	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 17:20	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 17:20	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 17:20	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 17:20	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 17:20	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 17:20	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 17:20	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Diethyl Phthalate	**2.3 J**	10	1.1	1	06/17/24 17:20	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 17:20	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 17:20	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 17:20	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 17:20	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 17:20	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 17:20	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 17:20	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 17:20	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 17:20	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 17:20	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 17:20	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 17:20	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 17:20	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 17:20	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	92	31 - 133	06/17/24 17:20	
2-Fluorobiphenyl	66	25 - 99	06/17/24 17:20	
2-Fluorophenol	39	15 - 72	06/17/24 17:20	
Nitrobenzene-d5	70	22 - 104	06/17/24 17:20	
Phenol-d6	28	10 - 55	06/17/24 17:20	
p-Terphenyl-d14	98	10 - 143	06/17/24 17:20	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	16	JN
	unknown	1.70	400	J
000108-88-3	Toluene	2.70	6.7	JN
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	7.16	4.3	JN
013798-23-7	Sulfur	8.10	13	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 18:33	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 18:33	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 18:33	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 18:33	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 18:33	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 18:33	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 18:33	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 18:33	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 18:33	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 18:33	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 18:33	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 18:33	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 18:33	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 18:33	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 18:33	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 18:33	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Diethyl Phthalate	**2.1 J**	10	1.1	1	06/20/24 18:33	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 18:33	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 18:33	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 18:33	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 18:33	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 18:33	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 18:33	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 18:33	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 18:33	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 18:33	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 18:33	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 18:33	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 18:33	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	68	31 - 133	06/20/24 18:33	
2-Fluorobiphenyl	61	25 - 99	06/20/24 18:33	
2-Fluorophenol	44	15 - 72	06/20/24 18:33	
Nitrobenzene-d5	64	22 - 104	06/20/24 18:33	
Phenol-d6	29	10 - 55	06/20/24 18:33	
p-Terphenyl-d14	78	10 - 143	06/20/24 18:33	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	17	JN
	unknown	1.53	500	J
000108-88-3	Toluene	2.58	7.9	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.28	4.5	JN

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 18:58	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 18:58	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 18:58	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 18:58	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 18:58	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 18:58	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 18:58	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 18:58	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 18:58	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 18:58	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 18:58	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 18:58	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 18:58	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 18:58	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 18:58	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 18:58	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 18:58	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 18:58	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 18:58	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 18:58	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 18:58	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 18:58	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 18:58	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 18:58	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 18:58	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 18:58	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 18:58	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 18:58	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	06/20/24 18:58	
2-Fluorobiphenyl	79	25 - 99	06/20/24 18:58	
2-Fluorophenol	51	15 - 72	06/20/24 18:58	
Nitrobenzene-d5	80	22 - 104	06/20/24 18:58	
Phenol-d6	35	10 - 55	06/20/24 18:58	
p-Terphenyl-d14	74	10 - 143	06/20/24 18:58	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	17	JN
	unknown	1.53	580	J
000108-88-3	Toluene	2.58	6.0	JN

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 17:44	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 17:44	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 17:44	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 17:44	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 17:44	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 17:44	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 17:44	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 17:44	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 17:44	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 17:44	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 17:44	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 17:44	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 17:44	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 17:44	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 17:44	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 17:44	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 17:44	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 17:44	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 17:44	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 17:44	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 17:44	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 17:44	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 17:44	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 17:44	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 17:44	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 17:44	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 17:44	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 17:44	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 17:44	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 17:44	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 17:44	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 17:44	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	101	31 - 133	06/17/24 17:44	
2-Fluorobiphenyl	79	25 - 99	06/17/24 17:44	
2-Fluorophenol	50	15 - 72	06/17/24 17:44	
Nitrobenzene-d5	86	22 - 104	06/17/24 17:44	
Phenol-d6	33	10 - 55	06/17/24 17:44	
p-Terphenyl-d14	111	10 - 143	06/17/24 17:44	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	18	JN
	unknown	1.70	470	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**26**		10	1.2	1	06/20/24 19:22	6/19/24	*
1,2-Dichlorobenzene	**24**		10	1.2	1	06/20/24 19:22	6/19/24	*
1,3-Dichlorobenzene	**5.0**	**J**	10	1.1	1	06/20/24 19:22	6/19/24	*
1,4-Dichlorobenzene	**68**		10	1.2	1	06/20/24 19:22	6/19/24	*
2,4,5-Trichlorophenol	**2.5**	**J**	10	1.1	1	06/20/24 19:22	6/19/24	*
2,4,6-Trichlorophenol	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
2,4-Dichlorophenol	10	U	10	1.3	1	06/20/24 19:22	6/19/24	*
2,4-Dimethylphenol	**4.6**	**J**	10	4.3	1	06/20/24 19:22	6/19/24	*
2,4-Dinitrophenol	50	U	50	20	1	06/20/24 19:22	6/19/24	*
2,4-Dinitrotoluene	10	U	10	2.4	1	06/20/24 19:22	6/19/24	*
2,6-Dinitrotoluene	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
2-Chloronaphthalene	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
2-Chlorophenol	**13**		10	1.1	1	06/20/24 19:22	6/19/24	*
2-Methylnaphthalene	10	U	10	1.3	1	06/20/24 19:22	6/19/24	*
2-Methylphenol	**26**		10	1.0	1	06/20/24 19:22	6/19/24	*
2-Nitroaniline	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
2-Nitrophenol	10	U	10	1.5	1	06/20/24 19:22	6/19/24	*
3,3'-Dichlorobenzidine	10	U	10	1.2	1	06/20/24 19:22	6/19/24	*
3- and 4-Methylphenol Coelution	**92**		10	1.2	1	06/20/24 19:22	6/19/24	*
3-Nitroaniline	10	U	10	1.1	1	06/20/24 19:22	6/19/24	*
4,6-Dinitro-2-methylphenol	50	U	50	8.7	1	06/20/24 19:22	6/19/24	*
4-Bromophenyl Phenyl Ether	10	U	10	1.7	1	06/20/24 19:22	6/19/24	*
4-Chloro-3-methylphenol	**22**		10	1.1	1	06/20/24 19:22	6/19/24	*
4-Chloroaniline	10	U	10	1.0	1	06/20/24 19:22	6/19/24	*
4-Chlorophenyl Phenyl Ether	10	U	10	1.5	1	06/20/24 19:22	6/19/24	*
4-Nitroaniline	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
4-Nitrophenol	50	U	50	6.4	1	06/20/24 19:22	6/19/24	*
Acenaphthene	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
Acenaphthylene	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
Anthracene	10	U	10	1.3	1	06/20/24 19:22	6/19/24	*
Benz(a)anthracene	10	U	10	1.6	1	06/20/24 19:22	6/19/24	*
Benzo(a)pyrene	10	U	10	1.2	1	06/20/24 19:22	6/19/24	*
Benzo(b)fluoranthene	10	U	10	1.2	1	06/20/24 19:22	6/19/24	*
Benzo(g,h,i)perylene	10	U	10	2.1	1	06/20/24 19:22	6/19/24	*
Benzo(k)fluoranthene	10	U	10	1.3	1	06/20/24 19:22	6/19/24	*
Benzoic Acid	**260**	**B**	50	36	1	06/20/24 19:22	6/19/24	*
Benzyl Alcohol	**10**		10	1.6	1	06/20/24 19:22	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
Bis(2-chloroethoxy)methane	10	U	10	1.9	1	06/20/24 19:22	6/19/24	*
Bis(2-chloroethyl) Ether	**20**		10	1.3	1	06/20/24 19:22	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10	U	10	7.8	1	06/20/24 19:22	6/19/24	*
Butyl Benzyl Phthalate	10	U	10	1.4	1	06/20/24 19:22	6/19/24	*
Chrysene	10	U	10	1.2	1	06/20/24 19:22	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 19:22	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 19:22	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 19:22	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 19:22	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 19:22	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 19:22	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 19:22	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 19:22	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 19:22	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 19:22	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 19:22	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 19:22	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 19:22	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 19:22	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 19:22	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 19:22	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 19:22	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 19:22	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 19:22	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 19:22	6/19/24	*
Phenol	**45**	10	1.0	1	06/20/24 19:22	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 19:22	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	64	31 - 133	06/20/24 19:22	
2-Fluorobiphenyl	43	25 - 99	06/20/24 19:22	
2-Fluorophenol	32	15 - 72	06/20/24 19:22	
Nitrobenzene-d5	55	22 - 104	06/20/24 19:22	
Phenol-d6	23	10 - 55	06/20/24 19:22	
p-Terphenyl-d14	47	10 - 143	06/20/24 19:22	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000071-43-2	Benzene	1.38	440	JN
	unknown	1.52	250	J
000611-95-0	Benzoic acid, 4-benzoyl-	10.44	320	JN
000579-18-0	3-Benzoylbenzoic acid	10.47	86	JN
000108-88-3	Toluene	2.59	3100	JN
000108-90-7	Benzene, chloro-	3.39	450	JN
000108-93-0	Cyclohexanol	3.75	110	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000591-23-1	Cyclohexanol, 3-methyl-	4.25	39	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.29	2100	JN
000108-41-8	Benzene, 1-chloro-3-methyl-	4.35	1100	JN
000126-21-6	L-Fenchone	5.33	38	JN
000149-57-5	Hexanoic acid, 2-ethyl-	5.39	31	JN
000098-89-5	Cyclohexanecarboxylic acid	5.46	55	JN
000095-73-8	Benzene, 2,4-dichloro-1-methyl-	5.50	120	JN
019398-61-9	Benzene, 1,4-dichloro-2-methyl-	5.52	120	JN
000095-75-0	Benzene, 1,2-dichloro-4-methyl-	5.69	61	JN
017849-38-6	Benzenemethanol, 2-chloro-	6.10	420	JN
000103-82-2	Benzeneacetic acid	6.21	61	JN
002451-01-6	Terpin Hydrate	6.68	55	JN
	unknown	7.31	51	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	**19**		10	1.2	1	06/17/24 18:09	6/12/24	
1,2-Dichlorobenzene	**22**		10	1.2	1	06/17/24 18:09	6/12/24	
1,3-Dichlorobenzene	**4.2**	**J**	10	1.1	1	06/17/24 18:09	6/12/24	
1,4-Dichlorobenzene	**60**		10	1.2	1	06/17/24 18:09	6/12/24	
2,4,5-Trichlorophenol	10	U	10	1.1	1	06/17/24 18:09	6/12/24	
2,4,6-Trichlorophenol	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
2,4-Dichlorophenol	**3.8**	**J**	10	1.3	1	06/17/24 18:09	6/12/24	
2,4-Dimethylphenol	**4.5**	**J**	10	4.3	1	06/17/24 18:09	6/12/24	
2,4-Dinitrophenol	50	U	50	20	1	06/17/24 18:09	6/12/24	
2,4-Dinitrotoluene	10	U	10	2.4	1	06/17/24 18:09	6/12/24	
2,6-Dinitrotoluene	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
2-Chloronaphthalene	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
2-Chlorophenol	**11**		10	1.1	1	06/17/24 18:09	6/12/24	
2-Methylnaphthalene	10	U	10	1.3	1	06/17/24 18:09	6/12/24	
2-Methylphenol	**23**		10	1.0	1	06/17/24 18:09	6/12/24	
2-Nitroaniline	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
2-Nitrophenol	10	U	10	1.5	1	06/17/24 18:09	6/12/24	
3,3'-Dichlorobenzidine	10	U	10	1.2	1	06/17/24 18:09	6/12/24	
3- and 4-Methylphenol Coelution	**78**		10	1.2	1	06/17/24 18:09	6/12/24	
3-Nitroaniline	10	U	10	1.1	1	06/17/24 18:09	6/12/24	
4,6-Dinitro-2-methylphenol	50	U	50	8.7	1	06/17/24 18:09	6/12/24	
4-Bromophenyl Phenyl Ether	10	U	10	1.7	1	06/17/24 18:09	6/12/24	
4-Chloro-3-methylphenol	**19**		10	1.1	1	06/17/24 18:09	6/12/24	
4-Chloroaniline	10	U	10	1.0	1	06/17/24 18:09	6/12/24	
4-Chlorophenyl Phenyl Ether	10	U	10	1.5	1	06/17/24 18:09	6/12/24	
4-Nitroaniline	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
4-Nitrophenol	50	U	50	6.4	1	06/17/24 18:09	6/12/24	
Acenaphthene	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
Acenaphthylene	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
Anthracene	10	U	10	1.3	1	06/17/24 18:09	6/12/24	
Benz(a)anthracene	10	U	10	1.6	1	06/17/24 18:09	6/12/24	
Benzo(a)pyrene	10	U	10	1.2	1	06/17/24 18:09	6/12/24	
Benzo(b)fluoranthene	10	U	10	1.2	1	06/17/24 18:09	6/12/24	
Benzo(g,h,i)perylene	10	U	10	2.1	1	06/17/24 18:09	6/12/24	
Benzo(k)fluoranthene	10	U	10	1.3	1	06/17/24 18:09	6/12/24	
Benzoic Acid	**200**		50	36	1	06/17/24 18:09	6/12/24	
Benzyl Alcohol	**7.6**	**J**	10	1.6	1	06/17/24 18:09	6/12/24	
2,2'-Oxybis(1-chloropropane)	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
Bis(2-chloroethoxy)methane	10	U	10	1.9	1	06/17/24 18:09	6/12/24	
Bis(2-chloroethyl) Ether	**20**		10	1.3	1	06/17/24 18:09	6/12/24	
Bis(2-ethylhexyl) Phthalate	10	U	10	7.8	1	06/17/24 18:09	6/12/24	
Butyl Benzyl Phthalate	10	U	10	1.4	1	06/17/24 18:09	6/12/24	
Chrysene	10	U	10	1.2	1	06/17/24 18:09	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 18:09	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 18:09	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 18:09	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 18:09	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 18:09	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 18:09	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 18:09	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 18:09	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 18:09	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 18:09	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 18:09	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 18:09	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 18:09	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 18:09	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 18:09	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 18:09	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 18:09	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 18:09	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 18:09	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 18:09	6/12/24	
Phenol	**37**	10	1.0	1	06/17/24 18:09	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 18:09	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	59	31 - 133	06/17/24 18:09	
2-Fluorobiphenyl	24 *	25 - 99	06/17/24 18:09	*
2-Fluorophenol	26	15 - 72	06/17/24 18:09	
Nitrobenzene-d5	44	22 - 104	06/17/24 18:09	
Phenol-d6	19	10 - 55	06/17/24 18:09	
p-Terphenyl-d14	49	10 - 143	06/17/24 18:09	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000071-43-2	Benzene	1.55	490	JN
000096-47-9	Furan, tetrahydro-2-methyl-	1.63	27	JN
	unknown	1.71	170	J
000611-95-0	Benzoic acid, 4-benzoyl-	10.56	700	JN
000611-95-0	Benzoic acid, 4-benzoyl-	10.59	180	JN
	unknown	10.64	35	J
000108-88-3	Toluene	2.72	1900	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000107-92-6	Butanoic acid	2.90	26	JN
000108-90-7	Benzene, chloro-	3.48	410	JN
000108-93-0	Cyclohexanol	3.83	51	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.37	1300	JN
001195-79-5	Bicyclo[2.2.1]heptan-2-one, 1,3,3-	5.42	34	JN
032768-54-0	Benzene, 1,2-dichloro-3-methyl-	5.56	110	JN
000118-69-4	Benzene, 1,3-dichloro-2-methyl-	5.57	120	JN
000095-75-0	Benzene, 1,2-dichloro-4-methyl-	5.75	70	JN
017849-38-6	Benzenemethanol, 2-chloro-	6.16	310	JN
000103-82-2	Benzeneacetic acid	6.27	51	JN
	unknown	6.75	36	J
000074-11-3	Benzoic acid, 4-chloro-	6.93	470	JN
	unknown	7.39	45	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 18:33	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 18:33	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 18:33	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 18:33	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 18:33	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 18:33	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 18:33	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 18:33	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 18:33	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 18:33	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 18:33	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 18:33	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 18:33	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 18:33	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 18:33	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 18:33	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 18:33	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 18:33	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 18:33	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 18:33	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 18:33	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 18:33	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 18:33	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 18:33	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 18:33	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 18:33	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 18:33	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 18:33	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 18:33	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 18:33	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 18:33	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 18:33	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	112	31 - 133	06/17/24 18:33	
2-Fluorobiphenyl	84	25 - 99	06/17/24 18:33	
2-Fluorophenol	50	15 - 72	06/17/24 18:33	
Nitrobenzene-d5	88	22 - 104	06/17/24 18:33	
Phenol-d6	34	10 - 55	06/17/24 18:33	
p-Terphenyl-d14	98	10 - 143	06/17/24 18:33	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	15	JN
	unknown	1.69	420	J
000108-88-3	Toluene	2.70	7.1	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.35	4.3	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 19:47	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 19:47	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 19:47	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 19:47	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 19:47	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 19:47	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 19:47	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 19:47	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 19:47	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 19:47	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 19:47	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 19:47	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 19:47	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 19:47	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 19:47	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 19:47	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 19:47	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 19:47	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 19:47	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 19:47	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 19:47	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 19:47	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 19:47	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 19:47	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 19:47	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 19:47	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 19:47	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 19:47	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	81	31 - 133	06/20/24 19:47	
2-Fluorobiphenyl	81	25 - 99	06/20/24 19:47	
2-Fluorophenol	52	15 - 72	06/20/24 19:47	
Nitrobenzene-d5	84	22 - 104	06/20/24 19:47	
Phenol-d6	35	10 - 55	06/20/24 19:47	
p-Terphenyl-d14	74	10 - 143	06/20/24 19:47	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	17	JN
	unknown	1.53	580	J
000108-88-3	Toluene	2.58	7.0	JN
000095-49-8	Benzene, 1-chloro-2-methyl-	4.28	4.1	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 19:46	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 19:46	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 19:46	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 19:46	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 19:46	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 19:46	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 19:46	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 19:46	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 19:46	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 19:46	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 19:46	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 19:46	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 19:46	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 19:46	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 19:46	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 19:46	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 19:46	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 19:46	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 19:46	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 19:46	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 19:46	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 19:46	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 19:46	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 19:46	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 19:46	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 19:46	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 19:46	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 19:46	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 19:46	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 19:46	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 19:46	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 19:46	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	81	31 - 133	06/17/24 19:46	
2-Fluorobiphenyl	66	25 - 99	06/17/24 19:46	
2-Fluorophenol	40	15 - 72	06/17/24 19:46	
Nitrobenzene-d5	70	22 - 104	06/17/24 19:46	
Phenol-d6	26	10 - 55	06/17/24 19:46	
p-Terphenyl-d14	81	10 - 143	06/17/24 19:46	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	16	JN
	unknown	1.70	400	J
000108-88-3	Toluene	2.70	4.6	JN

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Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 20:59	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 20:59	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 20:59	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 20:59	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 20:59	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 20:59	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 20:59	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 20:59	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 20:59	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 20:59	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 20:59	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 20:59	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 20:59	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 20:59	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*

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Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 20:59	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 20:59	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 20:59	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 20:59	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 20:59	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 20:59	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 20:59	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 20:59	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 20:59	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 20:59	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 20:59	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 20:59	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 20:59	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 20:59	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/20/24 20:59	
2-Fluorobiphenyl	75	25 - 99	06/20/24 20:59	
2-Fluorophenol	46	15 - 72	06/20/24 20:59	
Nitrobenzene-d5	78	22 - 104	06/20/24 20:59	
Phenol-d6	30	10 - 55	06/20/24 20:59	
p-Terphenyl-d14	77	10 - 143	06/20/24 20:59	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	16	JN
	unknown	1.53	540	J
000108-88-3	Toluene	2.58	7.4	JN

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 20:10	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 20:10	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 20:10	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 20:10	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 20:10	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 20:10	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 20:10	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 20:10	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 20:10	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 20:10	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 20:10	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 20:10	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 20:10	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 20:10	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 20:10	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 20:10	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 20:10	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 20:10	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 20:10	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 20:10	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 20:10	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 20:10	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 20:10	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 20:10	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 20:10	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 20:10	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 20:10	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 20:10	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 20:10	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 20:10	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 20:10	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 20:10	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	92	31 - 133	06/17/24 20:10	
2-Fluorobiphenyl	70	25 - 99	06/17/24 20:10	
2-Fluorophenol	41	15 - 72	06/17/24 20:10	
Nitrobenzene-d5	72	22 - 104	06/17/24 20:10	
Phenol-d6	27	10 - 55	06/17/24 20:10	
p-Terphenyl-d14	90	10 - 143	06/17/24 20:10	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	13	JN
	unknown	1.70	320	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 21:24	6/19/24	*
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 21:24	6/19/24	*
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 21:24	6/19/24	*
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
2-Chlorophenol	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
2-Methylphenol	10 U	10	1.0	1	06/20/24 21:24	6/19/24	*
2-Nitroaniline	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
2-Nitrophenol	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
3-Nitroaniline	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 21:24	6/19/24	*
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 21:24	6/19/24	*
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
4-Chloroaniline	10 U	10	1.0	1	06/20/24 21:24	6/19/24	*
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*
4-Nitroaniline	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
4-Nitrophenol	50 U	50	6.4	1	06/20/24 21:24	6/19/24	*
Acenaphthene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Acenaphthylene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Anthracene	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 21:24	6/19/24	*
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 21:24	6/19/24	*
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Benzoic Acid	50 U	50	36	1	06/20/24 21:24	6/19/24	*
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 21:24	6/19/24	*
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 21:24	6/19/24	*
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 21:24	6/19/24	*
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Chrysene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 21:24	6/19/24	*
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 21:24	6/19/24	*
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
Dibenzofuran	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Fluoranthene	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*
Fluorene	10 U	10	1.3	1	06/20/24 21:24	6/19/24	*
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 21:24	6/19/24	*
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 21:24	6/19/24	*
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 21:24	6/19/24	*
Hexachloroethane	10 U	10	1.1	1	06/20/24 21:24	6/19/24	*
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 21:24	6/19/24	*
Isophorone	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 21:24	6/19/24	*
Naphthalene	10 U	10	1.2	1	06/20/24 21:24	6/19/24	*
Nitrobenzene	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 21:24	6/19/24	*
Phenanthrene	10 U	10	1.4	1	06/20/24 21:24	6/19/24	*
Phenol	10 U	10	1.0	1	06/20/24 21:24	6/19/24	*
Pyrene	10 U	10	1.5	1	06/20/24 21:24	6/19/24	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	70	31 - 133	06/20/24 21:24	
2-Fluorobiphenyl	73	25 - 99	06/20/24 21:24	
2-Fluorophenol	48	15 - 72	06/20/24 21:24	
Nitrobenzene-d5	73	22 - 104	06/20/24 21:24	
Phenol-d6	31	10 - 55	06/20/24 21:24	
p-Terphenyl-d14	97	10 - 143	06/20/24 21:24	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	15	JN
	unknown	1.53	540	J

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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**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	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 18:02	6/11/24	
alpha-BHC	**0.072**	0.050	0.020	1	06/20/24 18:02	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	
delta-BHC	**0.029 J**	0.050	0.020	1	06/20/24 18:02	6/11/24	
gamma-BHC (Lindane)	**0.049 J**	0.050	0.020	1	06/20/24 18:02	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:02	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 111	06/20/24 18:02	
Tetrachloro-m-xylene	59	10 - 101	06/20/24 18:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**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	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 18:19	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:19	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 111	06/20/24 18:19	
Tetrachloro-m-xylene	66	10 - 101	06/20/24 18:19	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**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	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 18:36	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 18:36	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 111	06/20/24 18:36	
Tetrachloro-m-xylene	52	10 - 101	06/20/24 18:36	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**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	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
4,4'-DDE	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
4,4'-DDT	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Aldrin	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Dieldrin	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endosulfan I	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endosulfan II	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endosulfan Sulfate	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endrin	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Endrin Ketone	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Heptachlor	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Heptachlor Epoxide	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Methoxychlor	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
Toxaphene	2.0 U	2.0	2.0	4	06/24/24 17:24	6/11/24	
alpha-BHC	**6.4**	0.20	0.080	4	06/24/24 17:24	6/11/24	
alpha-Chlordane	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	
beta-BHC	**1.5**	0.20	0.080	4	06/24/24 17:24	6/11/24	
delta-BHC	**5.0**	0.20	0.080	4	06/24/24 17:24	6/11/24	
gamma-BHC (Lindane)	**0.69**	0.20	0.080	4	06/24/24 17:24	6/11/24	
gamma-Chlordane	0.20 U	0.20	0.080	4	06/24/24 17:24	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	14	10 - 111	06/24/24 17:24	
Tetrachloro-m-xylene	137 *	10 - 101	06/24/24 17:24	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**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	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 19:11	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 19:11	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	68	10 - 111	06/20/24 19:11	
Tetrachloro-m-xylene	66	10 - 101	06/20/24 19:11	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**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	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 20:03	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 20:03	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 111	06/20/24 20:03	
Tetrachloro-m-xylene	57	10 - 101	06/20/24 20:03	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**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	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/20/24 20:21	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/20/24 20:21	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 111	06/20/24 20:21	
Tetrachloro-m-xylene	49	10 - 101	06/20/24 20:21	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 09:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-031-SG	**Units:**	ug/L
Lab Code:	R2405032-001	**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	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 12:49	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 12:49	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	37	10 - 118	06/19/24 12:49	
Tetrachloro-m-xylene	56	10 - 103	06/19/24 12:49	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-033-SG	**Units:**	ug/L
Lab Code:	R2405032-002	**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	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 13:02	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 13:02	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	36	10 - 118	06/19/24 13:02	
Tetrachloro-m-xylene	58	10 - 103	06/19/24 13:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:35
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-035-SG	**Units:**	ug/L
Lab Code:	R2405032-003	**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	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 13:16	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 13:16	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	24	10 - 118	06/19/24 13:16	
Tetrachloro-m-xylene	51	10 - 103	06/19/24 13:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 12:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-036-SG	**Units:**	ug/L
Lab Code:	R2405032-004	**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	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 13:29	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 13:29	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	10	10 - 118	06/19/24 13:29	
Tetrachloro-m-xylene	118 *	10 - 103	06/19/24 13:29	*

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 10:20
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**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	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 04:46	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 04:46	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 118	06/15/24 04:46	
Tetrachloro-m-xylene	61	10 - 103	06/15/24 04:46	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 11:45
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-032-JA	**Units:**	ug/L
Lab Code:	R2405032-007	**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	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 05:40	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 05:40	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	38	10 - 118	06/15/24 05:40	
Tetrachloro-m-xylene	50	10 - 103	06/15/24 05:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24 13:15
Sample Matrix:	Water	**Date Received:**	06/08/24 09:05
Sample Name:	WG-TR1045-18A-410-060724-034-JA	**Units:**	ug/L
Lab Code:	R2405032-008	**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	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 05:54	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 05:54	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 118	06/15/24 05:54	
Tetrachloro-m-xylene	47	10 - 103	06/15/24 05:54	

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:** R2405032

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: 8260C

Extraction Method: EPA 5030C

		4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
Sample Name	**Lab Code**	**85 - 122**	**80 - 116**	**87 - 121**
WG-TR1045-18A-410-060724-031-SG	R2405032-001	100	98	98
WG-TR1045-18A-410-060724-033-SG	R2405032-002	102	100	99
WG-TR1045-18A-410-060724-035-SG	R2405032-003	105	100	101
WG-TR1045-18A-410-060724-036-SG	R2405032-004	96	105	106
Trip Blank	R2405032-005	97	102	102
WG-TR1045-18A-410-060724-030-JA	R2405032-006	96	103	104
WG-TR1045-18A-410-060724-032-JA	R2405032-007	95	102	102
WG-TR1045-18A-410-060724-034-JA	R2405032-008	97	103	104
Lab Control Sample	RQ2406955-03	97	100	98
Method Blank	RQ2406955-04	95	101	101
Lab Control Sample	RQ2407007-03	103	100	99
Method Blank	RQ2407007-04	102	96	97
WG-TR1045-18A-410-060724-030-JA MS	RQ2407007-07	102	100	101
WG-TR1045-18A-410-060724-030-JA DMS	RQ2407007-08	109	99	100

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/18/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2407007-07			RQ2407007-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	5.0 U	56.9	50.0	114	56.9	50.0	114	74-127	<1	30
1,1,2,2-Tetrachloroethane	5.0 U	60.4	50.0	121	56.4	50.0	113	72-122	7	30
1,1,2-Trichloroethane	5.0 U	54.9	50.0	110	56.0	50.0	112	82-121	2	30
1,1-Dichloroethane (1,1-DCA)	5.0 U	53.7	50.0	107	53.7	50.0	107	74-132	<1	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	53.5	50.0	107	53.3	50.0	107	71-118	<1	30
1,2-Dichloroethane	5.0 U	55.1	50.0	110	55.4	50.0	111	68-130	<1	30
1,2-Dichloropropane	5.0 U	48.4	50.0	97	48.4	50.0	97	79-124	<1	30
2-Butanone (MEK)	10 U	67.3	50.0	135	66.2	50.0	132	61-137	2	30
2-Hexanone	10 U	64.3	50.0	129	63.9	50.0	128	56-132	<1	30
4-Methyl-2-pentanone	10 U	63.9	50.0	128	62.0	50.0	124	60-141	3	30
Acetone	10 U	70.7	50.0	141	69.3	50.0	139	35-183	2	30
Benzene	5.0 U	54.4	50.0	109	55.0	50.0	110	76-129	1	30
Bromodichloromethane	5.0 U	54.3	50.0	109	55.6	50.0	111	78-133	2	30
Bromoform	5.0 U	57.2	50.0	114	63.6	50.0	127	58-133	11	30
Bromomethane	5.0 U	23.2	50.0	46	24.7	50.0	49	10-184	7	30
Carbon Disulfide	10 U	46.2	50.0	92	44.8	50.0	90	59-140	3	30
Carbon Tetrachloride	5.0 U	51.0	50.0	102	50.8	50.0	102	65-135	<1	30
Chlorobenzene	5.0 U	51.7	50.0	103	52.3	50.0	105	76-125	1	30
Chloroethane	5.0 U	42.4	50.0	85	42.7	50.0	85	48-146	<1	30
Chloroform	5.0 U	54.0	50.0	108	54.7	50.0	109	75-130	1	30
Chloromethane	5.0 U	40.5	50.0	81	41.2	50.0	82	55-160	2	30
Dibromochloromethane	5.0 U	54.2	50.0	108	55.2	50.0	110	72-128	2	30
Dichloromethane	5.0 U	51.6	50.0	103	52.2	50.0	104	73-122	1	30
Ethylbenzene	5.0 U	52.7	50.0	105	54.1	50.0	108	72-134	3	30
Styrene	5.0 U	54.6	50.0	109	56.0	50.0	112	74-136	3	30
Tetrachloroethene (PCE)	5.0 U	52.6	50.0	105	53.2	50.0	106	72-125	1	30
Toluene	0.30 J	54.9	50.0	109	55.6	50.0	111	79-119	1	30
Trichloroethene (TCE)	5.0 U	54.3	50.0	109	55.1	50.0	110	74-122	1	30
Vinyl Acetate	10 U	76.7	50.0	153	76.5	50.0	153	48-172	<1	30
Vinyl Chloride	5.0 U	49.8	50.0	100	49.9	50.0	100	74-159	<1	30
Xylenes, Total	5.0 U	160	150	106	164	150	109	78-121	3	30
cis-1,2-Dichloroethene	5.0 U	54.3	50.0	109	54.3	50.0	109	77-127	<1	30
cis-1,3-Dichloropropene	5.0 U	55.8	50.0	112	56.0	50.0	112	52-134	<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.

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/18/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2407007-07			RQ2407007-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
trans-1,2-Dichloroethene	5.0 U	51.9	50.0	104	51.8	50.0	104	73-118	<1	30
trans-1,3-Dichloropropene	5.0 U	57.6	50.0	115	57.7	50.0	115	71-133	<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:**	R2405032
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:	RQ2406955-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/17/24 13:22	
2-Butanone (MEK)	10 U	10	0.78	1	06/17/24 13:22	
2-Hexanone	10 U	10	0.20	1	06/17/24 13:22	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/17/24 13:22	
Acetone	10 U	10	5.0	1	06/17/24 13:22	
Benzene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
Bromoform	5.0 U	5.0	0.25	1	06/17/24 13:22	
Bromomethane	5.0 U	5.0	0.70	1	06/17/24 13:22	
Carbon Disulfide	10 U	10	0.42	1	06/17/24 13:22	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/17/24 13:22	
Chlorobenzene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Chloroethane	5.0 U	5.0	0.23	1	06/17/24 13:22	
Chloroform	5.0 U	5.0	0.51	1	06/17/24 13:22	
Chloromethane	5.0 U	5.0	0.80	1	06/17/24 13:22	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/17/24 13:22	
Dichloromethane	5.0 U	5.0	0.65	1	06/17/24 13:22	
Ethylbenzene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Styrene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/17/24 13:22	
Toluene	5.0 U	5.0	0.20	1	06/17/24 13:22	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/17/24 13:22	
Vinyl Acetate	10 U	10	1.1	1	06/17/24 13:22	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/17/24 13:22	
Xylenes, Total	5.0 U	5.0	0.23	1	06/17/24 13:22	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/17/24 13:22	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/17/24 13:22	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/17/24 13:22	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/17/24 13:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406955-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/17/24 13:22	
Dibromofluoromethane	101	80 - 116	06/17/24 13:22	
Toluene-d8	101	87 - 121	06/17/24 13:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406955-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2405032
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:	RQ2407007-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/18/24 11:56	
2-Butanone (MEK)	10 U	10	0.78	1	06/18/24 11:56	
2-Hexanone	10 U	10	0.20	1	06/18/24 11:56	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/18/24 11:56	
Acetone	10 U	10	5.0	1	06/18/24 11:56	
Benzene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
Bromoform	5.0 U	5.0	0.25	1	06/18/24 11:56	
Bromomethane	5.0 U	5.0	0.70	1	06/18/24 11:56	
Carbon Disulfide	10 U	10	0.42	1	06/18/24 11:56	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/18/24 11:56	
Chlorobenzene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Chloroethane	5.0 U	5.0	0.23	1	06/18/24 11:56	
Chloroform	5.0 U	5.0	0.51	1	06/18/24 11:56	
Chloromethane	5.0 U	5.0	0.80	1	06/18/24 11:56	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/18/24 11:56	
Dichloromethane	5.0 U	5.0	0.65	1	06/18/24 11:56	
Ethylbenzene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Styrene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/18/24 11:56	
Toluene	5.0 U	5.0	0.20	1	06/18/24 11:56	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/18/24 11:56	
Vinyl Acetate	10 U	10	1.1	1	06/18/24 11:56	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/18/24 11:56	
Xylenes, Total	5.0 U	5.0	0.23	1	06/18/24 11:56	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/18/24 11:56	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/18/24 11:56	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/18/24 11:56	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/18/24 11:56	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2407007-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/18/24 11:56	
Dibromofluoromethane	96	80 - 116	06/18/24 11:56	
Toluene-d8	97	87 - 121	06/18/24 11:56	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2407007-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	7.9	J

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/17/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406955-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	22.3	20.0	111	75-125
1,1,2,2-Tetrachloroethane	8260C	20.8	20.0	104	78-126
1,1,2-Trichloroethane	8260C	20.5	20.0	103	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	22.1	20.0	110	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	22.0	20.0	110	69-142
1,2-Dichloroethane	8260C	22.0	20.0	110	71-127
1,2-Dichloropropane	8260C	19.7	20.0	98	80-119
2-Butanone (MEK)	8260C	19.4	20.0	97	61-137
2-Hexanone	8260C	19.0	20.0	95	63-124
4-Methyl-2-pentanone	8260C	19.6	20.0	98	66-124
Acetone	8260C	16.4	20.0	82	40-161
Benzene	8260C	21.6	20.0	108	79-119
Bromodichloromethane	8260C	22.5	20.0	112	81-123
Bromoform	8260C	23.8	20.0	119	65-146
Bromomethane	8260C	22.4	20.0	112	42-166
Carbon Disulfide	8260C	21.7	20.0	109	66-128
Carbon Tetrachloride	8260C	22.3	20.0	111	70-127
Chlorobenzene	8260C	20.8	20.0	104	80-121
Chloroethane	8260C	15.8	20.0	79	62-131
Chloroform	8260C	21.5	20.0	108	79-120
Chloromethane	8260C	24.7	20.0	124	72-179
Dibromochloromethane	8260C	23.3	20.0	117	72-128
Dichloromethane	8260C	21.3	20.0	107	73-122
Ethylbenzene	8260C	21.3	20.0	107	76-120
Styrene	8260C	21.8	20.0	109	80-124
Tetrachloroethene (PCE)	8260C	22.3	20.0	111	72-125
Toluene	8260C	21.7	20.0	108	79-119
Trichloroethene (TCE)	8260C	21.7	20.0	109	74-122
Vinyl Acetate	8260C	31.5	20.0	158	52-174
Vinyl Chloride	8260C	19.8	20.0	99	74-159
Xylenes, Total	8260C	65.6	60.0	109	78-121
cis-1,2-Dichloroethene	8260C	21.5	20.0	108	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/17/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406955-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	24.1	20.0	120	77-122
trans-1,2-Dichloroethene	8260C	21.2	20.0	106	73-118
trans-1,3-Dichloropropene	8260C	24.7	20.0	124	71-133

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/18/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2407007-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	22.4	20.0	112	75-125
1,1,2,2-Tetrachloroethane	8260C	20.3	20.0	102	78-126
1,1,2-Trichloroethane	8260C	21.5	20.0	108	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	21.3	20.0	107	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	21.3	20.0	106	69-142
1,2-Dichloroethane	8260C	21.9	20.0	109	71-127
1,2-Dichloropropane	8260C	18.9	20.0	95	80-119
2-Butanone (MEK)	8260C	21.4	20.0	107	61-137
2-Hexanone	8260C	19.0	20.0	95	63-124
4-Methyl-2-pentanone	8260C	20.0	20.0	100	66-124
Acetone	8260C	20.7	20.0	103	40-161
Benzene	8260C	21.5	20.0	108	79-119
Bromodichloromethane	8260C	21.2	20.0	106	81-123
Bromoform	8260C	22.2	20.0	111	65-146
Bromomethane	8260C	16.4	20.0	82	42-166
Carbon Disulfide	8260C	16.1	20.0	80	66-128
Carbon Tetrachloride	8260C	20.0	20.0	100	70-127
Chlorobenzene	8260C	20.7	20.0	103	80-121
Chloroethane	8260C	17.0	20.0	85	62-131
Chloroform	8260C	21.6	20.0	108	79-120
Chloromethane	8260C	16.9	20.0	85	72-179
Dibromochloromethane	8260C	20.7	20.0	104	72-128
Dichloromethane	8260C	20.5	20.0	103	73-122
Ethylbenzene	8260C	21.3	20.0	106	76-120
Styrene	8260C	22.1	20.0	111	80-124
Tetrachloroethene (PCE)	8260C	21.4	20.0	107	72-125
Toluene	8260C	21.7	20.0	109	79-119
Trichloroethene (TCE)	8260C	21.9	20.0	109	74-122
Vinyl Acetate	8260C	28.3	20.0	142	52-174
Vinyl Chloride	8260C	20.0	20.0	100	74-159
Xylenes, Total	8260C	64.8	60.0	108	78-121
cis-1,2-Dichloroethene	8260C	21.5	20.0	107	80-121

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/18/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2407007-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	22.0	20.0	110	77-122
trans-1,2-Dichloroethene	8260C	20.9	20.0	105	73-118
trans-1,3-Dichloropropene	8260C	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:** R2405032

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: 8270D

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-18A-410-060724-031-SG	R2405032-001	95	57	48
WG-TR1045-18A-410-060724-031-SG RE	R2405032-001	83	67	58
WG-TR1045-18A-410-060724-033-SG	R2405032-002	92	66	39
WG-TR1045-18A-410-060724-033-SG RE	R2405032-002	68	61	44
WG-TR1045-18A-410-060724-035-SG	R2405032-003	101	79	50
WG-TR1045-18A-410-060724-035-SG RE	R2405032-003	74	79	51
WG-TR1045-18A-410-060724-036-SG	R2405032-004	59	24 *	26
WG-TR1045-18A-410-060724-036-SG RE	R2405032-004	64	43	32
WG-TR1045-18A-410-060724-030-JA	R2405032-006	112	84	50
WG-TR1045-18A-410-060724-030-JA RE	R2405032-006	81	81	52
WG-TR1045-18A-410-060724-032-JA	R2405032-007	81	66	40
WG-TR1045-18A-410-060724-032-JA RE	R2405032-007	72	75	46
WG-TR1045-18A-410-060724-034-JA	R2405032-008	92	70	41
WG-TR1045-18A-410-060724-034-JA RE	R2405032-008	70	73	48
WG-TR1045-18A-410-060724-030-JA MS	RQ2406668-01	107	87	48
WG-TR1045-18A-410-060724-030-JA DMS	RQ2406668-02	94	77	45
Method Blank	RQ2406668-03	95	63	45
Lab Control Sample	RQ2406668-04	88	64	42
Duplicate Lab Control Sample	RQ2406668-05	103	74	49
WG-TR1045-18A-410-060724-030-JA MS	RQ2407085-01	98	81	54
WG-TR1045-18A-410-060724-030-JA DMS	RQ2407085-02	85	76	52
Method Blank	RQ2407085-05	60	56	41
Lab Control Sample	RQ2407085-06	99	80	55
Duplicate Lab Control Sample	RQ2407085-07	92	77	56

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405032

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: 8270D

Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-18A-410-060724-031-SG	R2405032-001	65	44	94
WG-TR1045-18A-410-060724-031-SG RE	R2405032-001	74	45	78
WG-TR1045-18A-410-060724-033-SG	R2405032-002	70	28	98
WG-TR1045-18A-410-060724-033-SG RE	R2405032-002	64	29	78
WG-TR1045-18A-410-060724-035-SG	R2405032-003	86	33	111
WG-TR1045-18A-410-060724-035-SG RE	R2405032-003	80	35	74
WG-TR1045-18A-410-060724-036-SG	R2405032-004	44	19	49
WG-TR1045-18A-410-060724-036-SG RE	R2405032-004	55	23	47
WG-TR1045-18A-410-060724-030-JA	R2405032-006	88	34	98
WG-TR1045-18A-410-060724-030-JA RE	R2405032-006	84	35	74
WG-TR1045-18A-410-060724-032-JA	R2405032-007	70	26	81
WG-TR1045-18A-410-060724-032-JA RE	R2405032-007	78	30	77
WG-TR1045-18A-410-060724-034-JA	R2405032-008	72	27	90
WG-TR1045-18A-410-060724-034-JA RE	R2405032-008	73	31	97
WG-TR1045-18A-410-060724-030-JA MS	RQ2406668-01	88	36	106
WG-TR1045-18A-410-060724-030-JA DMS	RQ2406668-02	80	32	82
Method Blank	RQ2406668-03	72	31	99
Lab Control Sample	RQ2406668-04	70	30	89
Duplicate Lab Control Sample	RQ2406668-05	80	36	106
WG-TR1045-18A-410-060724-030-JA MS	RQ2407085-01	82	39	71
WG-TR1045-18A-410-060724-030-JA DMS	RQ2407085-02	79	36	66
Method Blank	RQ2407085-05	60	27	82
Lab Control Sample	RQ2407085-06	80	42	107
Duplicate Lab Control Sample	RQ2407085-07	80	41	99

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/17/24
		Date Extracted:	06/12/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406668-01			RQ2406668-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	10 U	57.4	80.0	72	45.8	80.0	57	10-127	23	30
1,2-Dichlorobenzene	10 U	56.6	80.0	71	45.7	80.0	57	17-105	22	30
1,3-Dichlorobenzene	10 U	55.2	80.0	69	45.1	80.0	56	21-99	21	30
1,4-Dichlorobenzene	10 U	55.8	80.0	70	45.4	80.0	57	10-124	20	30
2,4,5-Trichlorophenol	10 U	78.3	80.0	98	64.5	80.0	81	48-134	19	30
2,4,6-Trichlorophenol	10 U	71.1	80.0	89	61.9	80.0	77	44-135	14	30
2,4-Dichlorophenol	10 U	63.0	80.0	79	56.6	80.0	71	40-130	11	30
2,4-Dimethylphenol	10 U	10 U	80.0	0 *	11.2	80.0	14 *	35-99	NC	30
2,4-Dinitrophenol	50 U	71.1	80.0	89	54.8	80.0	68	21-168	27	30
2,4-Dinitrotoluene	10 U	96.7	80.0	121	77.6	80.0	97	37-143	22	30
2,6-Dinitrotoluene	10 U	88.6	80.0	111	72.8	80.0	91	39-136	20	30
2-Chloronaphthalene	10 U	66.3	80.0	83	52.7	80.0	66	40-108	23	30
2-Chlorophenol	10 U	57.7	80.0	72	52.3	80.0	65	37-112	10	30
2-Methylnaphthalene	10 U	63.6	80.0	79	50.1	80.0	63	34-102	23	30
2-Methylphenol	10 U	34.3	80.0	43	39.5	80.0	49	37-102	13	30
2-Nitroaniline	10 U	82.2	80.0	103	67.9	80.0	85	40-136	19	30
2-Nitrophenol	10 U	75.1	80.0	94	65.5	80.0	82	27-143	14	30
3- and 4-Methylphenol Coelution	10 U	43.3	80.0	54	42.4	80.0	53	30-95	2	30
3-Nitroaniline	10 U	57.6	80.0	72	55.7	80.0	70	19-117	3	30
4,6-Dinitro-2-methylphenol	50 U	78.8	80.0	99	64.6	80.0	81	25-154	20	30
4-Bromophenyl Phenyl Ether	10 U	68.4	80.0	86	56.7	80.0	71	39-115	19	30
4-Chloro-3-methylphenol	10 U	61.6	80.0	77	54.9	80.0	69	41-126	11	30
4-Chloroaniline	10 U	48.3	80.0	60	48.8	80.0	61	19-111	2	30
4-Chlorophenyl Phenyl Ether	10 U	73.6	80.0	92	59.8	80.0	75	41-111	20	30
4-Nitroaniline	10 U	54.4	80.0	68	52.9	80.0	66	18-143	3	30
4-Nitrophenol	50 U	32.3 J	80.0	40	26.5 J	80.0	33	10-126	19	30
Acenaphthene	10 U	69.4	80.0	87	54.8	80.0	69	43-117	23	30
Acenaphthylene	10 U	72.4	80.0	90	58.0	80.0	73	45-119	21	30
Anthracene	10 U	72.8	80.0	91	61.8	80.0	77	45-127	17	30
Benz(a)anthracene	10 U	74.8	80.0	94	61.6	80.0	77	46-126	20	30
Benzo(a)pyrene	10 U	80.9	80.0	101	66.5	80.0	83	44-114	20	30
Benzo(b)fluoranthene	10 U	80.0	80.0	100	63.7	80.0	80	41-127	22	30
Benzo(g,h,i)perylene	10 U	79.0	80.0	99	63.9	80.0	80	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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/17/24
		Date Extracted:	06/12/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406668-01			RQ2406668-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	10 U	86.6	80.0	108	69.8	80.0	87	46-139	22	30
Benzoic Acid	50 U	36.6 J	80.0	46	50 U	80.0	0 *	10-94	NC	30
Benzyl Alcohol	10 U	61.4	80.0	77	52.3	80.0	65	31-109	17	30
2,2'-Oxybis(1-chloropropane)	10 U	60.4	80.0	75	53.0	80.0	66	21-126	13	30
Bis(2-chloroethoxy)methane	10 U	71.3	80.0	89	61.5	80.0	77	41-118	14	30
Bis(2-chloroethyl) Ether	10 U	66.6	80.0	83	58.1	80.0	73	33-108	13	30
Bis(2-ethylhexyl) Phthalate	10 U	69.0	80.0	86	55.4	80.0	69	41-132	22	30
Butyl Benzyl Phthalate	10 U	71.5	80.0	89	58.6	80.0	73	41-148	20	30
Chrysene	10 U	79.2	80.0	99	10 U	80.0	0 *	47-126	NC	30
Di-n-butyl Phthalate	10 U	72.8	80.0	91	59.2	80.0	74	43-130	21	30
Di-n-octyl Phthalate	10 U	76.2	80.0	95	60.5	80.0	76	40-139	22	30
Dibenz(a,h)anthracene	10 U	83.1	80.0	104	68.4	80.0	85	43-136	20	30
Dibenzofuran	10 U	71.9	80.0	90	57.5	80.0	72	46-119	22	30
Diethyl Phthalate	10 U	76.5	80.0	96	64.5	80.0	81	36-122	17	30
Dimethyl Phthalate	10 U	77.1	80.0	96	65.7	80.0	82	33-123	16	30
Fluoranthene	10 U	76.6	80.0	96	61.9	80.0	77	43-135	22	30
Fluorene	10 U	74.5	80.0	93	60.3	80.0	75	43-113	21	30
Hexachlorobenzene	10 U	72.2	80.0	90	59.2	80.0	74	42-125	20	30
Hexachlorobutadiene	10 U	55.1	80.0	69	41.3	80.0	52	10-111	28	30
Hexachlorocyclopentadiene	10 U	57.3	80.0	72	44.5	80.0	56	10-103	25	30
Hexachloroethane	10 U	51.8	80.0	65	41.9	80.0	52	12-101	22	30
Indeno(1,2,3-cd)pyrene	10 U	82.9	80.0	104	67.8	80.0	85	49-140	20	30
Isophorone	10 U	68.5	80.0	86	59.7	80.0	75	40-111	14	30
N-Nitrosodi-n-propylamine	10 U	64.4	80.0	80	56.1	80.0	70	35-108	13	30
N-Nitrosodiphenylamine	10 U	72.9	80.0	91	65.5	80.0	82	43-127	10	30
Naphthalene	10 U	62.1	80.0	78	51.0	80.0	64	37-108	20	30
Nitrobenzene	10 U	67.1	80.0	84	59.2	80.0	74	35-112	13	30
Pentachlorophenol (PCP)	50 U	62.2	80.0	78	51.3	80.0	64	29-164	20	30
Phenanthrene	10 U	72.0	80.0	90	59.6	80.0	75	46-123	18	30
Phenol	10 U	28.3	80.0	35	24.7	80.0	31	10-113	12	30
Pyrene	10 U	77.3	80.0	97	63.7	80.0	80	44-129	19	30

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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:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/20/24
		Date Extracted:	06/19/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2407085-01			RQ2407085-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	10 U	49.1	80.0	61	48.5	80.0	61	10-127	<1	30
1,2-Dichlorobenzene	10 U	48.6	80.0	61	49.7	80.0	62	17-105	2	30
1,3-Dichlorobenzene	10 U	47.0	80.0	59	48.9	80.0	61	21-99	3	30
1,4-Dichlorobenzene	10 U	47.2	80.0	59	48.2	80.0	60	10-124	2	30
2,4,5-Trichlorophenol	10 U	69.0	80.0	86	60.9	80.0	76	48-134	12	30
2,4,6-Trichlorophenol	10 U	65.1	80.0	81	56.3	80.0	70	44-135	15	30
2,4-Dichlorophenol	10 U	61.8	80.0	77	55.5	80.0	69	40-130	11	30
2,4-Dimethylphenol	10 U	53.0	80.0	66	31.9	80.0	40	35-99	49*	30
2,4-Dinitrophenol	50 U	50 U	80.0	0 *	50 U	80.0	0 *	21-168	NC	30
2,4-Dinitrotoluene	10 U	80.2	80.0	100	69.5	80.0	87	37-143	14	30
2,6-Dinitrotoluene	10 U	79.7	80.0	100	68.7	80.0	86	39-136	15	30
2-Chloronaphthalene	10 U	58.9	80.0	74	56.1	80.0	70	40-108	6	30
2-Chlorophenol	10 U	57.9	80.0	72	53.2	80.0	66	37-112	9	30
2-Methylnaphthalene	10 U	54.7	80.0	68	52.9	80.0	66	34-102	3	30
2-Methylphenol	10 U	55.6	80.0	70	48.1	80.0	60	37-102	15	30
2-Nitroaniline	10 U	76.0	80.0	95	65.3	80.0	82	40-136	15	30
2-Nitrophenol	10 U	64.1	80.0	80	60.3	80.0	75	27-143	6	30
3- and 4-Methylphenol Coelution	10 U	56.8	80.0	71	49.3	80.0	62	30-95	14	30
3-Nitroaniline	10 U	76.3	80.0	95	66.2	80.0	83	19-117	13	30
4,6-Dinitro-2-methylphenol	50 U	52.7	80.0	66	46.5 J	80.0	58	25-154	13	30
4-Bromophenyl Phenyl Ether	10 U	64.1	80.0	80	58.6	80.0	73	39-115	9	30
4-Chloro-3-methylphenol	10 U	62.1	80.0	78	54.8	80.0	69	41-126	12	30
4-Chloroaniline	10 U	66.2	80.0	83	57.9	80.0	72	19-111	14	30
4-Chlorophenyl Phenyl Ether	10 U	61.8	80.0	77	56.3	80.0	70	41-111	10	30
4-Nitroaniline	10 U	73.5	80.0	92	63.2	80.0	79	18-143	15	30
4-Nitrophenol	50 U	24.6 J	80.0	31	19.3 J	80.0	24	10-126	25	30
Acenaphthene	10 U	62.8	80.0	79	58.1	80.0	73	43-117	8	30
Acenaphthylene	10 U	65.1	80.0	81	59.0	80.0	74	45-119	9	30
Anthracene	10 U	70.5	80.0	88	62.2	80.0	78	45-127	12	30
Benz(a)anthracene	10 U	67.5	80.0	84	60.3	80.0	75	46-126	11	30
Benzo(a)pyrene	10 U	73.6	80.0	92	64.3	80.0	80	44-114	14	30
Benzo(b)fluoranthene	10 U	68.2	80.0	85	60.6	80.0	76	41-127	11	30
Benzo(g,h,i)perylene	10 U	69.0	80.0	86	60.1	80.0	75	50-143	14	30

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Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/20/24
		Date Extracted:	06/19/24

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2407085-01			RQ2407085-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	10 U	74.1	80.0	93	62.5	80.0	78	46-139	18	30
Benzoic Acid	50 U	51.2	80.0	64	46.8 J	80.0	58	10-94	10	30
Benzyl Alcohol	10 U	62.5	80.0	78	55.8	80.0	70	31-109	11	30
2,2'-Oxybis(1-chloropropane)	10 U	63.3	80.0	79	60.4	80.0	75	21-126	5	30
Bis(2-chloroethoxy)methane	10 U	67.5	80.0	84	62.3	80.0	78	41-118	7	30
Bis(2-chloroethyl) Ether	10 U	61.3	80.0	77	58.0	80.0	72	33-108	7	30
Bis(2-ethylhexyl) Phthalate	10 U	69.2	80.0	86	61.3	80.0	77	41-132	11	30
Butyl Benzyl Phthalate	10 U	64.3	80.0	80	56.8	80.0	71	41-148	12	30
Chrysene	10 U	70.4	80.0	88	62.5	80.0	78	47-126	12	30
Di-n-butyl Phthalate	10 U	67.3	80.0	84	61.5	80.0	77	43-130	9	30
Di-n-octyl Phthalate	10 U	69.8	80.0	87	61.1	80.0	76	40-139	13	30
Dibenz(a,h)anthracene	10 U	70.9	80.0	89	62.2	80.0	78	43-136	13	30
Dibenzofuran	10 U	64.1	80.0	80	59.0	80.0	74	46-119	8	30
Diethyl Phthalate	10 U	75.2	80.0	94	65.8	80.0	82	36-122	14	30
Dimethyl Phthalate	10 U	72.6	80.0	91	64.1	80.0	80	33-123	13	30
Fluoranthene	10 U	68.8	80.0	86	60.6	80.0	76	43-135	12	30
Fluorene	10 U	66.0	80.0	83	59.1	80.0	74	43-113	11	30
Hexachlorobenzene	10 U	66.7	80.0	83	58.1	80.0	73	42-125	13	30
Hexachlorobutadiene	10 U	43.2	80.0	54	42.5	80.0	53	10-111	2	30
Hexachlorocyclopentadiene	10 U	25.1	80.0	31	26.8	80.0	34	10-103	9	30
Hexachloroethane	10 U	45.6	80.0	57	46.8	80.0	58	12-101	2	30
Indeno(1,2,3-cd)pyrene	10 U	74.2	80.0	93	63.4	80.0	79	49-140	16	30
Isophorone	10 U	66.1	80.0	83	60.7	80.0	76	40-111	9	30
N-Nitrosodi-n-propylamine	10 U	64.9	80.0	81	59.7	80.0	75	35-108	8	30
N-Nitrosodiphenylamine	10 U	74.4	80.0	93	66.6	80.0	83	43-127	11	30
Naphthalene	10 U	53.9	80.0	67	52.2	80.0	65	37-108	3	30
Nitrobenzene	10 U	61.3	80.0	77	58.1	80.0	73	35-112	5	30
Pentachlorophenol (PCP)	50 U	29.4 J	80.0	37	24.7 J	80.0	31	29-164	18	30
Phenanthrene	10 U	69.2	80.0	87	62.4	80.0	78	46-123	11	30
Phenol	10 U	30.7	80.0	38	28.2	80.0	35	10-113	8	30
Pyrene	10 U	69.3	80.0	87	61.3	80.0	77	44-129	12	30

Results flagged with an asterisk (*) indicate values outside control criteria.

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Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406668-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/17/24 15:42	6/12/24	
2,4-Dinitrophenol	50 U	50	20	1	06/17/24 15:42	6/12/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/17/24 15:42	6/12/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
2-Chlorophenol	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
2-Methylphenol	10 U	10	1.0	1	06/17/24 15:42	6/12/24	
2-Nitroaniline	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
2-Nitrophenol	10 U	10	1.5	1	06/17/24 15:42	6/12/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
3-Nitroaniline	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/17/24 15:42	6/12/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/17/24 15:42	6/12/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
4-Chloroaniline	10 U	10	1.0	1	06/17/24 15:42	6/12/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/17/24 15:42	6/12/24	
4-Nitroaniline	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
4-Nitrophenol	50 U	50	6.4	1	06/17/24 15:42	6/12/24	
Acenaphthene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Acenaphthylene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Anthracene	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Benz(a)anthracene	10 U	10	1.6	1	06/17/24 15:42	6/12/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/17/24 15:42	6/12/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Benzoic Acid	50 U	50	36	1	06/17/24 15:42	6/12/24	
Benzyl Alcohol	10 U	10	1.6	1	06/17/24 15:42	6/12/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/17/24 15:42	6/12/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/17/24 15:42	6/12/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Chrysene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406668-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/17/24 15:42	6/12/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/17/24 15:42	6/12/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
Dibenzofuran	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Diethyl Phthalate	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Fluoranthene	10 U	10	1.5	1	06/17/24 15:42	6/12/24	
Fluorene	10 U	10	1.3	1	06/17/24 15:42	6/12/24	
Hexachlorobenzene	10 U	10	1.6	1	06/17/24 15:42	6/12/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/17/24 15:42	6/12/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/17/24 15:42	6/12/24	
Hexachloroethane	10 U	10	1.1	1	06/17/24 15:42	6/12/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/17/24 15:42	6/12/24	
Isophorone	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/17/24 15:42	6/12/24	
Naphthalene	10 U	10	1.2	1	06/17/24 15:42	6/12/24	
Nitrobenzene	10 U	10	1.5	1	06/17/24 15:42	6/12/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/17/24 15:42	6/12/24	
Phenanthrene	10 U	10	1.4	1	06/17/24 15:42	6/12/24	
Phenol	10 U	10	1.0	1	06/17/24 15:42	6/12/24	
Pyrene	10 U	10	1.5	1	06/17/24 15:42	6/12/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	95	31 - 133	06/17/24 15:42	
2-Fluorobiphenyl	63	25 - 99	06/17/24 15:42	
2-Fluorophenol	45	15 - 72	06/17/24 15:42	
Nitrobenzene-d5	72	22 - 104	06/17/24 15:42	
Phenol-d6	31	10 - 55	06/17/24 15:42	
p-Terphenyl-d14	99	10 - 143	06/17/24 15:42	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.56	14	JN
	unknown	1.70	360	J
	unknown	17.06	18	J
	unknown	2.70	5.2	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2407085-05	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/20/24 16:55	6/19/24	
2,4-Dinitrophenol	50 U	50	20	1	06/20/24 16:55	6/19/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/20/24 16:55	6/19/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
2-Chlorophenol	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
2-Methylphenol	10 U	10	1.0	1	06/20/24 16:55	6/19/24	
2-Nitroaniline	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
2-Nitrophenol	10 U	10	1.5	1	06/20/24 16:55	6/19/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
3-Nitroaniline	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/20/24 16:55	6/19/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/20/24 16:55	6/19/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
4-Chloroaniline	10 U	10	1.0	1	06/20/24 16:55	6/19/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/20/24 16:55	6/19/24	
4-Nitroaniline	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
4-Nitrophenol	50 U	50	6.4	1	06/20/24 16:55	6/19/24	
Acenaphthene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Acenaphthylene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Anthracene	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Benz(a)anthracene	10 U	10	1.6	1	06/20/24 16:55	6/19/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/20/24 16:55	6/19/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Benzoic Acid	**40 J**	50	36	1	06/20/24 16:55	6/19/24	
Benzyl Alcohol	10 U	10	1.6	1	06/20/24 16:55	6/19/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/20/24 16:55	6/19/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/20/24 16:55	6/19/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Chrysene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2407085-05	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/20/24 16:55	6/19/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/20/24 16:55	6/19/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
Dibenzofuran	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Diethyl Phthalate	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Fluoranthene	10 U	10	1.5	1	06/20/24 16:55	6/19/24	
Fluorene	10 U	10	1.3	1	06/20/24 16:55	6/19/24	
Hexachlorobenzene	10 U	10	1.6	1	06/20/24 16:55	6/19/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/20/24 16:55	6/19/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/20/24 16:55	6/19/24	
Hexachloroethane	10 U	10	1.1	1	06/20/24 16:55	6/19/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/20/24 16:55	6/19/24	
Isophorone	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/20/24 16:55	6/19/24	
Naphthalene	10 U	10	1.2	1	06/20/24 16:55	6/19/24	
Nitrobenzene	10 U	10	1.5	1	06/20/24 16:55	6/19/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/20/24 16:55	6/19/24	
Phenanthrene	10 U	10	1.4	1	06/20/24 16:55	6/19/24	
Phenol	10 U	10	1.0	1	06/20/24 16:55	6/19/24	
Pyrene	10 U	10	1.5	1	06/20/24 16:55	6/19/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	60	31 - 133	06/20/24 16:55	
2-Fluorobiphenyl	56	25 - 99	06/20/24 16:55	
2-Fluorophenol	41	15 - 72	06/20/24 16:55	
Nitrobenzene-d5	60	22 - 104	06/20/24 16:55	
Phenol-d6	27	10 - 55	06/20/24 16:55	
p-Terphenyl-d14	82	10 - 143	06/20/24 16:55	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000110-82-7	Cyclohexane	1.40	16	JN
	unknown	1.53	460	J
000108-88-3	Toluene	2.58	4.4	JN

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/17/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406668-04			RQ2406668-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270D	44.3	80.0	55	47.3	80.0	59	26-85	7	30
1,2-Dichlorobenzene	8270D	43.8	80.0	55	45.9	80.0	57	20-85	4	30
1,3-Dichlorobenzene	8270D	43.1	80.0	54	45.4	80.0	57	18-83	5	30
1,4-Dichlorobenzene	8270D	43.5	80.0	54	45.0	80.0	56	18-82	4	30
2,4,5-Trichlorophenol	8270D	63.0	80.0	79	73.7	80.0	92	55-114	15	30
2,4,6-Trichlorophenol	8270D	59.3	80.0	74	68.5	80.0	86	49-103	15	30
2,4-Dichlorophenol	8270D	53.0	80.0	66	62.8	80.0	78	43-101	17	30
2,4-Dimethylphenol	8270D	12.7	80.0	16 *	19.7	80.0	25 *	45-129	44*	30
2,4-Dinitrophenol	8270D	66.4	80.0	83	76.1	80.0	95	14-129	13	30
2,4-Dinitrotoluene	8270D	74.3	80.0	93	89.2	80.0	112	58-124	19	30
2,6-Dinitrotoluene	8270D	69.5	80.0	87	80.3	80.0	100	62-126	14	30
2-Chloronaphthalene	8270D	50.2	80.0	63	53.5	80.0	67	38-97	6	30
2-Chlorophenol	8270D	48.2	80.0	60	56.7	80.0	71	33-93	17	30
2-Methylnaphthalene	8270D	48.1	80.0	60	51.7	80.0	65	35-94	8	30
2-Methylphenol	8270D	38.3	80.0	48	47.0	80.0	59	41-97	21	30
2-Nitroaniline	8270D	64.5	80.0	81	75.9	80.0	95	56-122	16	30
2-Nitrophenol	8270D	60.5	80.0	76	70.4	80.0	88	36-101	15	30
3- and 4-Methylphenol Coelution	8270D	41.5	80.0	52	51.1	80.0	64	40-92	21	30
3-Nitroaniline	8270D	53.8	80.0	67	65.1	80.0	81	52-115	19	30
4,6-Dinitro-2-methylphenol	8270D	64.3	80.0	80	74.0	80.0	93	31-119	15	30
4-Bromophenyl Phenyl Ether	8270D	54.9	80.0	69	62.8	80.0	79	54-123	14	30
4-Chloro-3-methylphenol	8270D	52.8	80.0	66	63.1	80.0	79	52-104	18	30
4-Chloroaniline	8270D	45.8	80.0	57	56.5	80.0	71	43-113	22	30
4-Chlorophenyl Phenyl Ether	8270D	56.5	80.0	71	62.9	80.0	79	52-113	11	30
4-Nitroaniline	8270D	50.0	80.0	63	60.3	80.0	75	54-118	17	30
4-Nitrophenol	8270D	27.6 J	80.0	35	34.2 J	80.0	43	16-64	21	30
Acenaphthene	8270D	52.6	80.0	66	57.8	80.0	72	46-103	9	30
Acenaphthylene	8270D	55.6	80.0	69	61.7	80.0	77	51-114	11	30
Anthracene	8270D	60.2	80.0	75	69.8	80.0	87	61-115	15	30
Benz(a)anthracene	8270D	60.1	80.0	75	71.3	80.0	89	60-110	17	30
Benzo(a)pyrene	8270D	64.7	80.0	81	76.4	80.0	96	68-137	17	30
Benzo(b)fluoranthene	8270D	62.3	80.0	78	72.6	80.0	91	59-114	15	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/17/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406668-04			RQ2406668-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270D	63.1	80.0	79	73.9	80.0	92	60-123	15	30
Benzo(k)fluoranthene	8270D	66.4	80.0	83	80.0	80.0	100	62-122	19	30
Benzoic Acid	8270D	50 U	80.0	0 *	37.1 J	80.0	46	10-110	NC	30
Benzyl Alcohol	8270D	48.7	80.0	61	58.1	80.0	73	46-106	18	30
2,2'-Oxybis(1-chloropropane)	8270D	49.1	80.0	61	54.7	80.0	68	32-104	11	30
Bis(2-chloroethoxy)methane	8270D	57.6	80.0	72	67.5	80.0	84	55-126	15	30
Bis(2-chloroethyl) Ether	8270D	53.2	80.0	67	60.7	80.0	76	36-101	13	30
Bis(2-ethylhexyl) Phthalate	8270D	55.5	80.0	69	64.9	80.0	81	51-132	16	30
Butyl Benzyl Phthalate	8270D	57.5	80.0	72	68.4	80.0	85	54-122	17	30
Chrysene	8270D	63.2	80.0	79	73.7	80.0	92	64-116	15	30
Di-n-butyl Phthalate	8270D	57.3	80.0	72	67.3	80.0	84	61-147	15	30
Di-n-octyl Phthalate	8270D	60.2	80.0	75	69.6	80.0	87	43-139	15	30
Dibenz(a,h)anthracene	8270D	65.9	80.0	82	77.5	80.0	97	34-140	17	30
Dibenzofuran	8270D	55.2	80.0	69	61.7	80.0	77	50-107	11	30
Diethyl Phthalate	8270D	60.3	80.0	75	71.4	80.0	89	57-113	17	30
Dimethyl Phthalate	8270D	61.1	80.0	76	70.7	80.0	88	64-114	15	30
Fluoranthene	8270D	60.8	80.0	76	70.9	80.0	89	58-129	16	30
Fluorene	8270D	58.0	80.0	72	65.4	80.0	82	54-111	13	30
Hexachlorobenzene	8270D	56.6	80.0	71	66.8	80.0	83	54-122	16	30
Hexachlorobutadiene	8270D	41.4	80.0	52	43.5	80.0	54	25-89	4	30
Hexachlorocyclopentadiene	8270D	46.8	80.0	58	49.5	80.0	62	10-71	7	30
Hexachloroethane	8270D	40.5	80.0	51	42.3	80.0	53	16-81	4	30
Indeno(1,2,3-cd)pyrene	8270D	66.7	80.0	83	77.7	80.0	97	54-119	16	30
Isophorone	8270D	55.7	80.0	70	65.3	80.0	82	51-108	16	30
N-Nitrosodi-n-propylamine	8270D	52.0	80.0	65	60.8	80.0	76	44-101	16	30
N-Nitrosodiphenylamine	8270D	63.4	80.0	79	74.3	80.0	93	65-126	16	30
Naphthalene	8270D	48.3	80.0	60	52.5	80.0	66	32-91	10	30
Nitrobenzene	8270D	54.5	80.0	68	63.1	80.0	79	39-100	15	30
Pentachlorophenol (PCP)	8270D	53.9	80.0	67	61.4	80.0	77	11-154	14	30
Phenanthrene	8270D	58.4	80.0	73	67.8	80.0	85	60-111	15	30
Phenol	8270D	24.6	80.0	31	29.9	80.0	37	10-67	18	30
Pyrene	8270D	61.7	80.0	77	72.7	80.0	91	62-111	17	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/20/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2407085-06			RQ2407085-07					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270D	53.4	80.0	67	49.6	80.0	62	26-85	8	30
1,2-Dichlorobenzene	8270D	52.0	80.0	65	48.6	80.0	61	20-85	6	30
1,3-Dichlorobenzene	8270D	49.0	80.0	61	48.6	80.0	61	18-83	<1	30
1,4-Dichlorobenzene	8270D	49.7	80.0	62	47.5	80.0	59	18-82	5	30
2,4,5-Trichlorophenol	8270D	74.9	80.0	94	63.2	80.0	79	55-114	17	30
2,4,6-Trichlorophenol	8270D	69.4	80.0	87	60.2	80.0	75	49-103	15	30
2,4-Dichlorophenol	8270D	65.4	80.0	82	57.0	80.0	71	43-101	14	30
2,4-Dimethylphenol	8270D	50.3	80.0	63	47.3	80.0	59	45-129	7	30
2,4-Dinitrophenol	8270D	23.8 J	80.0	30	20 U	80.0	0 *	14-129	NC	30
2,4-Dinitrotoluene	8270D	88.3	80.0	110	74.7	80.0	93	58-124	17	30
2,6-Dinitrotoluene	8270D	87.7	80.0	110	74.2	80.0	93	62-126	17	30
2-Chloronaphthalene	8270D	67.5	80.0	84	59.5	80.0	74	38-97	13	30
2-Chlorophenol	8270D	61.3	80.0	77	57.4	80.0	72	33-93	7	30
2-Methylnaphthalene	8270D	61.1	80.0	76	55.0	80.0	69	35-94	10	30
2-Methylphenol	8270D	59.6	80.0	74	53.9	80.0	67	41-97	10	30
2-Nitroaniline	8270D	83.6	80.0	105	71.4	80.0	89	56-122	16	30
2-Nitrophenol	8270D	68.6	80.0	86	60.8	80.0	76	36-101	12	30
3- and 4-Methylphenol Coelution	8270D	61.0	80.0	76	54.9	80.0	69	40-92	10	30
3-Nitroaniline	8270D	82.1	80.0	103	68.6	80.0	86	52-115	18	30
4,6-Dinitro-2-methylphenol	8270D	54.5	80.0	68	45.1 J	80.0	56	31-119	19	30
4-Bromophenyl Phenyl Ether	8270D	74.7	80.0	93	62.6	80.0	78	54-123	18	30
4-Chloro-3-methylphenol	8270D	67.2	80.0	84	58.6	80.0	73	52-104	14	30
4-Chloroaniline	8270D	71.8	80.0	90	62.3	80.0	78	43-113	14	30
4-Chlorophenyl Phenyl Ether	8270D	72.5	80.0	91	63.1	80.0	79	52-113	14	30
4-Nitroaniline	8270D	77.4	80.0	97	67.3	80.0	84	54-118	14	30
4-Nitrophenol	8270D	26.3 J	80.0	33	20.4 J	80.0	26	16-64	24	30
Acenaphthene	8270D	73.4	80.0	92	63.7	80.0	80	46-103	14	30
Acenaphthylene	8270D	73.9	80.0	92	64.7	80.0	81	51-114	13	30
Anthracene	8270D	77.5	80.0	97	64.6	80.0	81	61-115	18	30
Benz(a)anthracene	8270D	75.9	80.0	95	63.2	80.0	79	60-110	18	30
Benzo(a)pyrene	8270D	82.0	80.0	103	67.2	80.0	84	68-137	20	30
Benzo(b)fluoranthene	8270D	75.8	80.0	95	62.9	80.0	79	59-114	18	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/20/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2407085-06			RQ2407085-07					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270D	76.3	80.0	95	64.1	80.0	80	60-123	17	30
Benzo(k)fluoranthene	8270D	80.8	80.0	101	67.1	80.0	84	62-122	18	30
Benzoic Acid	8270D	51.1	80.0	64	37.2 J	80.0	47	10-110	31*	30
Benzyl Alcohol	8270D	67.6	80.0	84	60.9	80.0	76	46-106	10	30
2,2'-Oxybis(1-chloropropane)	8270D	68.5	80.0	86	62.4	80.0	78	32-104	10	30
Bis(2-chloroethoxy)methane	8270D	72.3	80.0	90	63.3	80.0	79	55-126	13	30
Bis(2-chloroethyl) Ether	8270D	66.2	80.0	83	59.9	80.0	75	36-101	10	30
Bis(2-ethylhexyl) Phthalate	8270D	77.2	80.0	97	63.7	80.0	80	51-132	19	30
Butyl Benzyl Phthalate	8270D	72.4	80.0	91	59.9	80.0	75	54-122	19	30
Chrysene	8270D	78.3	80.0	98	66.5	80.0	83	64-116	17	30
Di-n-butyl Phthalate	8270D	75.2	80.0	94	62.1	80.0	78	61-147	19	30
Di-n-octyl Phthalate	8270D	76.7	80.0	96	62.5	80.0	78	43-139	21	30
Dibenz(a,h)anthracene	8270D	83.6	80.0	105	69.6	80.0	87	34-140	19	30
Dibenzofuran	8270D	75.4	80.0	94	65.2	80.0	81	50-107	15	30
Diethyl Phthalate	8270D	80.3	80.0	100	68.1	80.0	85	57-113	16	30
Dimethyl Phthalate	8270D	79.4	80.0	99	67.5	80.0	84	64-114	16	30
Fluoranthene	8270D	76.3	80.0	95	63.0	80.0	79	58-129	18	30
Fluorene	8270D	75.9	80.0	95	64.6	80.0	81	54-111	16	30
Hexachlorobenzene	8270D	72.8	80.0	91	63.3	80.0	79	54-122	14	30
Hexachlorobutadiene	8270D	45.7	80.0	57	41.8	80.0	52	25-89	9	30
Hexachlorocyclopentadiene	8270D	34.3	80.0	43	31.7	80.0	40	10-71	7	30
Hexachloroethane	8270D	47.1	80.0	59	43.8	80.0	55	16-81	7	30
Indeno(1,2,3-cd)pyrene	8270D	81.3	80.0	102	69.2	80.0	86	54-119	17	30
Isophorone	8270D	70.8	80.0	88	61.6	80.0	77	51-108	13	30
N-Nitrosodi-n-propylamine	8270D	68.3	80.0	85	61.4	80.0	77	44-101	10	30
N-Nitrosodiphenylamine	8270D	83.1	80.0	104	70.4	80.0	88	65-126	17	30
Naphthalene	8270D	58.8	80.0	73	54.9	80.0	69	32-91	6	30
Nitrobenzene	8270D	65.0	80.0	81	61.2	80.0	77	39-100	5	30
Pentachlorophenol (PCP)	8270D	33.0 J	80.0	41	24.8 J	80.0	31	11-154	28	30
Phenanthrene	8270D	76.8	80.0	96	64.8	80.0	81	60-111	17	30
Phenol	8270D	35.0	80.0	44	32.5	80.0	41	10-67	7	30
Pyrene	8270D	77.1	80.0	96	64.7	80.0	81	62-111	17	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:** R2405032

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-TR1045-18A-410-060724-031-SG	R2405032-001	50	59 P
WG-TR1045-18A-410-060724-033-SG	R2405032-002	50	66
WG-TR1045-18A-410-060724-035-SG	R2405032-003	28	52
WG-TR1045-18A-410-060724-036-SG	R2405032-004	14	137 P *
WG-TR1045-18A-410-060724-030-JA	R2405032-006	68	66
WG-TR1045-18A-410-060724-032-JA	R2405032-007	47	57
WG-TR1045-18A-410-060724-034-JA	R2405032-008	54	49
WG-TR1045-18A-410-060724-030-JA MS	RQ2406569-01	54	62
WG-TR1045-18A-410-060724-030-JA DMS	RQ2406569-02	41	63
Method Blank	RQ2406569-05	73	48
Method Blank	RQ2406569-05	70	46
Lab Control Sample	RQ2406569-06	55	63
Lab Control Sample	RQ2406569-06	47	55
Duplicate Lab Control Sample	RQ2406569-07	71	51
Duplicate Lab Control Sample	RQ2406569-07	64	46

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/20/24
		Date Extracted:	06/11/24

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8081B		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406569-01			RQ2406569-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	0.050 U	0.304	0.400	76	0.298	0.400	74	38-157	2	30
4,4'-DDE	0.050 U	0.313	0.400	78	0.306	0.400	76	10-200	2	30
4,4'-DDT	0.050 U	0.362	0.400	90	0.325	0.400	81	19-154	11	30
Aldrin	0.050 U	0.307	0.400	77	0.303	0.400	76	26-149	1	30
Dieldrin	0.050 U	0.328	0.400	82	0.328	0.400	82	41-164	<1	30
Endosulfan I	0.050 U	0.305	0.400	76	0.302	0.400	75	47-149	1	30
Endosulfan II	0.050 U	0.315	0.400	79	0.314	0.400	78	51-148	<1	30
Endosulfan Sulfate	0.050 U	0.330	0.400	83	0.322	0.400	80	10-170	3	30
Endrin	0.050 U	0.382	0.400	95	0.375	0.400	94	48-165	2	30
Endrin Ketone	0.050 U	0.345	0.400	86	0.327	0.400	82	48-162	5	30
Heptachlor	0.050 U	0.345	0.400	86	0.329	0.400	82	29-168	5	30
Heptachlor Epoxide	0.050 U	0.346	0.400	87	0.351	0.400	88	29-180	1	30
Methoxychlor	0.050 U	0.374	0.400	93	0.366	0.400	91	38-162	2	30
alpha-BHC	0.050 U	0.328	0.400	82	0.339	0.400	85	27-154	3	30
alpha-Chlordane	0.050 U	0.322	0.400	80	0.315	0.400	79	35-160	2	30
beta-BHC	0.050 U	0.334	0.400	83	0.342	0.400	85	32-184	2	30
delta-BHC	0.050 U	0.342	0.400	86	0.349	0.400	87	10-182	2	30
gamma-BHC (Lindane)	0.050 U	0.338	0.400	85	0.342	0.400	85	43-164	1	30
gamma-Chlordane	0.050 U	0.334	0.400	84	0.325	0.400	81	35-165	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:**	R2405032
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:	RQ2406569-05	**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	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Aldrin	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Dieldrin	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endrin	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Heptachlor	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
Toxaphene	0.50 U	0.50	0.50	1	06/19/24 17:22	6/11/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
beta-BHC	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
delta-BHC	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/19/24 17:22	6/11/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	73	10 - 111	06/19/24 17:22	
Tetrachloro-m-xylene	47	10 - 101	06/19/24 17:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**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	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
4,4'-DDE	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
4,4'-DDT	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Aldrin	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Dieldrin	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endosulfan I	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endosulfan II	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endosulfan Sulfate	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endrin	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Endrin Ketone	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Heptachlor	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Heptachlor Epoxide	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Methoxychlor	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
Toxaphene	0.50	U	0.50	0.50	1	06/19/24 18:49	6/11/24	
alpha-BHC	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
alpha-Chlordane	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
beta-BHC	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
delta-BHC	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
gamma-BHC (Lindane)	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	
gamma-Chlordane	0.050	U	0.050	0.020	1	06/19/24 18:49	6/11/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 111	06/19/24 18:49	
Tetrachloro-m-xylene	46	10 - 101	06/19/24 18:49	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2405032
Date Analyzed: 06/19/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406569-06			RQ2406569-07					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.314	0.400	79	0.308	0.400	77	38-116	2	30
4,4'-DDE	8081B	0.308	0.400	77	0.297	0.400	74	40-107	4	30
4,4'-DDT	8081B	0.276	0.400	69	0.266	0.400	67	41-121	4	30
Aldrin	8081B	0.234	0.400	58	0.207	0.400	52	27-85	12	30
Dieldrin	8081B	0.335	0.400	84	0.326	0.400	81	45-112	3	30
Endosulfan I	8081B	0.311	0.400	78	0.301	0.400	75	44-111	3	30
Endosulfan II	8081B	0.329	0.400	82	0.313	0.400	78	44-114	5	30
Endosulfan Sulfate	8081B	0.327	0.400	82	0.304	0.400	76	38-119	7	30
Endrin	8081B	0.292	0.400	73	0.297	0.400	74	47-116	2	30
Endrin Ketone	8081B	0.344	0.400	86	0.332	0.400	83	44-120	3	30
Heptachlor	8081B	0.246	0.400	62	0.239	0.400	60	33-99	3	30
Heptachlor Epoxide	8081B	0.342	0.400	85	0.330	0.400	82	46-111	4	30
Methoxychlor	8081B	0.281	0.400	70	0.306	0.400	77	29-138	8	30
alpha-BHC	8081B	0.343	0.400	86	0.332	0.400	83	39-107	3	30
alpha-Chlordane	8081B	0.316	0.400	79	0.305	0.400	76	44-107	4	30
beta-BHC	8081B	0.346	0.400	87	0.335	0.400	84	47-110	3	30
delta-BHC	8081B	0.351	0.400	88	0.321	0.400	80	43-109	9	30
gamma-BHC (Lindane)	8081B	0.337	0.400	84	0.326	0.400	82	41-105	3	30
gamma-Chlordane	8081B	0.322	0.400	80	0.308	0.400	77	41-107	4	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2405032

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-TR1045-18A-410-060724-031-SG	R2405032-001	37	56
WG-TR1045-18A-410-060724-033-SG	R2405032-002	36	58
WG-TR1045-18A-410-060724-035-SG	R2405032-003	24	51
WG-TR1045-18A-410-060724-036-SG	R2405032-004	10	118 *
WG-TR1045-18A-410-060724-030-JA	R2405032-006	49	61
WG-TR1045-18A-410-060724-032-JA	R2405032-007	38	50
WG-TR1045-18A-410-060724-034-JA	R2405032-008	40	47
WG-TR1045-18A-410-060724-030-JA MS	RQ2406569-03	49	61
WG-TR1045-18A-410-060724-030-JA DMS	RQ2406569-04	46	59
Method Blank	RQ2406569-05	56	46
Method Blank	RQ2406569-05	43	47
Lab Control Sample	RQ2406569-08	54	58
Lab Control Sample	RQ2406569-08	43	59
Duplicate Lab Control Sample	RQ2406569-09	57	51
Duplicate Lab Control Sample	RQ2406569-09	47	46

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/07/24
Sample Matrix:	Water	**Date Received:**	06/08/24
		Date Analyzed:	06/15/24
		Date Extracted:	06/11/24

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	WG-TR1045-18A-410-060724-030-JA	**Units:**	ug/L
Lab Code:	R2405032-006	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2406569-03			RQ2406569-04					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	1.0 U	3.06	4.00	77	3.12	4.00	78	32-142	2	30
Aroclor 1260	1.0 U	2.80	4.00	70	2.75	4.00	69	28-142	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.

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**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	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/15/24 02:58	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/15/24 02:58	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10 - 118	06/15/24 02:58	
Tetrachloro-m-xylene	46	10 - 103	06/15/24 02:58	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2405032
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:	RQ2406569-05	**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	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/19/24 12:08	6/11/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/19/24 12:08	6/11/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	43	10 - 118	06/19/24 12:08	
Tetrachloro-m-xylene	47	10 - 103	06/19/24 12:08	

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: R2405032
Date Analyzed: 06/19/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406569-08			RQ2406569-09					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.24	4.00	81	3.10	4.00	78	35-131	4	30
Aroclor 1260	8082A	3.12	4.00	78	2.91	4.00	73	37-141	7	30

June 20, 2024 Service Request No:R2404806

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 05, 2024
For your reference, these analyses have been assigned our service request number **R2404806.**

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. **Service Request:** R2404806
Project: Love Canal:292-402-D02-3100 **Date Received:** 06/05/2024
Sample Matrix: Water

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:

Twelve water samples were received for analysis at ALS Environmental on 06/05/2024. 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 8270D, 06/10/2024: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

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 29% 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 8270D, 06/10/2024: 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, 06/15/2024: 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 8081B, 06/15/2024: The upper control criterion was exceeded for one or more analytes in the Duplicate Laboratory Control Sample (DLCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Volatiles by GC/MS:

Method 8260C, 06/14/2024: 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. VA >40%.
Method 8260C, : The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification

Approved by _____ Date 06/20/2024

(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 8260C, : 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 06/20/2024

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:**R2404806

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

SAMPLE CROSS-REFERENCE

R2404806-001	WG-TR1045-18A-410-060424-001-SG	6/4/2024	1005
R2404806-002	WG-TR1045-18A-410-060424-002-JA	6/4/2024	1035
R2404806-003	WG-TR1045-18A-410-060424-003-SG	6/4/2024	1120
R2404806-004	WG-TR1045-18A-410-060424-004-JA	6/4/2024	1210
R2404806-005	WG-TR1045-18A-410-060424-005-SG	6/4/2024	1220
R2404806-006	WG-TR1045-18A-410-060424-006-JA	6/4/2024	1330
R2404806-007	WG-TR1045-18A-410-060424-007-SG	6/4/2024	1410
R2404806-008	WG-TR1045-18A-410-060424-008-JA	6/4/2024	1500
R2404806-009	WG-TR1045-18A-410-060424-009-SG	6/4/2024	1530
R2404806-010	WG-TR1045-18A-410-060424-010-JA	6/4/2024	1600
R2404806-011	WG-TR1045-18A-410-060424-011-SG	6/4/2024	1530
R2404806-012	Trip Blank	6/4/2024	

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY

DATE: 06/04/24
PAGE: 1 OF 2

LABORATORY CLIENT: Geosyntec	Report to Kathy Willy, Christa Bucior, & Dennis Hoyt
ADDRESS: 805 97th Street	
CITY: Niagara Falls	STATE: NY ZIP: 14304
TEL: 716-969-5567	Fax:
CLIENT PROJECT NAME / NUMBER: Love Canal 11225661 (fmrly 9954DM)	P.O. NO.: 292-402-D02-3100
PROJECT CONTACT: Christa Bucior & Dennis Hoyt	SAMPLER(S): (PRINT) Shawn Gardner
E-MAIL: christa.bucior@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:

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	7D 8081B / Pest OC	7D 8082A / PCB	7D 8270D / SVOC	14D 8260C / VOC FP
	WG-TR1045-18A-410-060424-001-SG	6/4/2024	10:05	WG	3		X					X
	WG-TR1045-18A-410-060424-001-SG	6/4/2024	10:05	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-002-JA	6/4/2024	10:35	WG	3		X					X
	WG-TR1045-18A-410-060424-002-JA	6/4/2024	10:35	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-003-SG	6/4/2024	11:20	WG	3		X					X
	WG-TR1045-18A-410-060424-003-SG	6/4/2024	11:20	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-004-JA	6/4/2024	12:10	WG	3		X					X
	WG-TR1045-18A-410-060424-004-JA	6/4/2024	12:10	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-005-SG	6/4/2024	12:20	WG	3		X					X
	WG-TR1045-18A-410-060424-005-SG	6/4/2024	12:20	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-006-JA	6/4/2024	13:30	WG	3		X					X
	WG-TR1045-18A-410-060424-006-JA	6/4/2024	13:30	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-007-SG	6/4/2024	14:10	WG	3		X					X
	WG-TR1045-18A-410-060424-007-SG	6/4/2024	14:10	WG	4	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	6/4/24	1800	Kindy Dine	MN	6/5/24	1205
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/Affiliation)	Date:	Time:

R2404806 5
Geosyntec
Love Canal:292-402-D02-3100

CHAIN OF CUSTODY RECORD

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

WO # / LAB USE ONLY

DATE: 06/04/24
PAGE: 2 OF 2

LABORATORY CLIENT: Geosyntec
Report to Kathy Willy, Christa Bucior, & Dennis Hoyt

ADDRESS: 805 97th Street

CITY: Niagara Falls STATE: NY ZIP: 14304

TEL: 716-969-5567 Fax:

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

PROJECT CONTACT: Christa Bucior & Dennis Hoyt

E-MAIL: christa.bucior@geosyntec.com dhoyt@geosyntec.com

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

SAMPLER(S) (PRINT): Shawn Gardner

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:

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	7D 8081B / Pest OC	8082A / PCB	8270D / SVOC	14D 8260C / VOC FP
	WG-TR1045-18A-410-060424-008-JA	6/4/2024	15:00	WG	3		X					X
	WG-TR1045-18A-410-060424-008-JA	6/4/2024	15:00	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-009-SG	6/4/2024	15:30	WG	3		X					X
	WG-TR1045-18A-410-060424-009-SG	6/4/2024	15:30	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-010-JA	6/4/2024	16:00	WG	3		X					X
	WG-TR1045-18A-410-060424-010-JA	6/4/2024	16:00	WG	4	X			X	X	X	
	WG-TR1045-18A-410-060424-011-SG	6/4/2024	15:30	WG	3		X					X
	WG-TR1045-18A-410-060424-011-SG	6/4/2024	15:30	WG	4	X			X	X	X	
	TRIPBLANK	6/4/2024		WGQ	2		X					X

Relinquished by: (Printed)	Relinquished by: (Signature)	Date:	Time:	Received by: (Print)	Received by: (Signature/Affiliation)	Date:	Time:
SHAWN GARDNER	Shawn Gardner	6/4/24	1800	Rudy Dine	ALS	1205	6/5/24
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/Affiliation)	Date:	Time:

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR# _____

001

T063929

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 Randy Digo	Printed Name	Printed Name	Printed Name	Printed Name
Firm	Firm AECOM	Firm	Firm	Firm	Firm
Date/Time	Date/Time 6/5/24 1205	Date/Time	Date/Time	Date/Time	Date/Time

R2404806 5
Geosyntec
Love Canal:292-402-D02-3100

Cooler Receipt and Preservation Check Form

Project/Client GHD Folder Number _____.

Cooler received on 6/5/24 by: RDP 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: 6/5/24 Time: 1220 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	10.2	7.9	4.1	5.8	6.1	4.5	5.1
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: S/O by RDP on 6/5/24 at 1240
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/5/24 Time: 1426 by: RDP

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: OH222 5-165, 040824-3A x 11
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RDP *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
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: R2404806
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060424-001-SG
Lab Code: R2404806-001
Sample Matrix: Water
Date Collected: 06/4/24
Date Received: 06/5/24

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060424-002-JA
Lab Code: R2404806-002
Sample Matrix: Water
Date Collected: 06/4/24
Date Received: 06/5/24

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060424-003-SG
Lab Code: R2404806-003
Sample Matrix: Water
Date Collected: 06/4/24
Date Received: 06/5/24

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

Sample Name: WG-TR1045-18A-410-060424-004-JA
Lab Code: R2404806-004
Sample Matrix: Water
Date Collected: 06/4/24
Date Received: 06/5/24

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

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060424-004-JA	**Date Collected:**	06/4/24
Lab Code:	R2404806-004	**Date Received:**	06/5/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name:	WG-TR1045-18A-410-060424-005-SG	**Date Collected:**	06/4/24
Lab Code:	R2404806-005	**Date Received:**	06/5/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name:	WG-TR1045-18A-410-060424-006-JA	**Date Collected:**	06/4/24
Lab Code:	R2404806-006	**Date Received:**	06/5/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name:	WG-TR1045-18A-410-060424-007-SG	**Date Collected:**	06/4/24
Lab Code:	R2404806-007	**Date Received:**	06/5/24
Sample Matrix:	Water		

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

Client: Glenn Springs Holdings, Inc. **Service Request:** R2404806
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring

Sample Name: WG-TR1045-18A-410-060424-007-SG **Date Collected:** 06/4/24
Lab Code: R2404806-007 **Date Received:** 06/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060424-008-JA **Date Collected:** 06/4/24
Lab Code: R2404806-008 **Date Received:** 06/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name: WG-TR1045-18A-410-060424-009-SG **Date Collected:** 06/4/24
Lab Code: R2404806-009 **Date Received:** 06/5/24
Sample Matrix: Water

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

Sample Name: WG-TR1045-18A-410-060424-010-JA **Date Collected:** 06/4/24
Lab Code: R2404806-010 **Date Received:** 06/5/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8260C		FNAEGLER

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring		

Sample Name:	WG-TR1045-18A-410-060424-010-JA	**Date Collected:**	06/4/24
Lab Code:	R2404806-010	**Date Received:**	06/5/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	JVANHEYNINGEN	EDEGRAY

Sample Name:	WG-TR1045-18A-410-060424-011-SG	**Date Collected:**	06/4/24
Lab Code:	R2404806-011	**Date Received:**	06/5/24
Sample Matrix:	Water		

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

Sample Name:	Trip Blank	**Date Collected:**	06/4/24
Lab Code:	R2404806-012	**Date Received:**	06/5/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		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:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:05
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-001-SG	**Units:**	ug/L
Lab Code:	R2404806-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 00:47	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 00:47	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 00:47	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 00:47	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 00:47	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 00:47	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 00:47	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 00:47	
2-Hexanone	10 U	10	0.20	1	06/14/24 00:47	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 00:47	
Acetone	10 U	10	5.0	1	06/14/24 00:47	
Benzene	5.0 U	5.0	0.20	1	06/14/24 00:47	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 00:47	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 00:47	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 00:47	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 00:47	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 00:47	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 00:47	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 00:47	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 00:47	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 00:47	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 00:47	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 00:47	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 00:47	
Styrene	5.0 U	5.0	0.20	1	06/14/24 00:47	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 00:47	
Toluene	5.0 U	5.0	0.20	1	06/14/24 00:47	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 00:47	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 00:47	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 00:47	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 00:47	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 00:47	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 00:47	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 00:47	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 00:47	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:05
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-001-SG	**Units:**	ug/L
Lab Code:	R2404806-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/14/24 00:47	
Dibromofluoromethane	94	80 - 116	06/14/24 00:47	
Toluene-d8	99	87 - 121	06/14/24 00:47	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:05
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-001-SG	**Units:**	ug/L
Lab Code:	R2404806-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:35
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-002-JA	**Units:**	ug/L
Lab Code:	R2404806-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 01:09	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 01:09	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 01:09	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 01:09	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 01:09	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 01:09	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 01:09	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 01:09	
2-Hexanone	10 U	10	0.20	1	06/14/24 01:09	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 01:09	
Acetone	10 U	10	5.0	1	06/14/24 01:09	
Benzene	5.0 U	5.0	0.20	1	06/14/24 01:09	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 01:09	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 01:09	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 01:09	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 01:09	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 01:09	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 01:09	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 01:09	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 01:09	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 01:09	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 01:09	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 01:09	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 01:09	
Styrene	5.0 U	5.0	0.20	1	06/14/24 01:09	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 01:09	
Toluene	5.0 U	5.0	0.20	1	06/14/24 01:09	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 01:09	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 01:09	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 01:09	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 01:09	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 01:09	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 01:09	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 01:09	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 01:09	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:35
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-002-JA	**Units:**	ug/L
Lab Code:	R2404806-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/14/24 01:09	
Dibromofluoromethane	93	80 - 116	06/14/24 01:09	
Toluene-d8	96	87 - 121	06/14/24 01:09	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:35
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-002-JA	**Units:**	ug/L
Lab Code:	R2404806-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.67	5.2	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 11:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-003-SG	**Units:**	ug/L
Lab Code:	R2404806-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 22:55	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 22:55	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 22:55	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 22:55	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 22:55	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 22:55	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 22:55	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 22:55	
2-Hexanone	10 U	10	0.20	1	06/14/24 22:55	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 22:55	
Acetone	10 U	10	5.0	1	06/14/24 22:55	
Benzene	5.0 U	5.0	0.20	1	06/14/24 22:55	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 22:55	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 22:55	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 22:55	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 22:55	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 22:55	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 22:55	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 22:55	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 22:55	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 22:55	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 22:55	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 22:55	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 22:55	
Styrene	5.0 U	5.0	0.20	1	06/14/24 22:55	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 22:55	
Toluene	5.0 U	5.0	0.20	1	06/14/24 22:55	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 22:55	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 22:55	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 22:55	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 22:55	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 22:55	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 22:55	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 22:55	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 22:55	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 11:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-003-SG	**Units:**	ug/L
Lab Code:	R2404806-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/14/24 22:55	
Dibromofluoromethane	99	80 - 116	06/14/24 22:55	
Toluene-d8	100	87 - 121	06/14/24 22:55	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 11:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-003-SG	**Units:**	ug/L
Lab Code:	R2404806-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	19.0	J
007446-09-5	Sulfur dioxide	1.26	9.6	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-004-JA	**Units:**	ug/L
Lab Code:	R2404806-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 01:32	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 01:32	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 01:32	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 01:32	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 01:32	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 01:32	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 01:32	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 01:32	
2-Hexanone	10 U	10	0.20	1	06/14/24 01:32	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 01:32	
Acetone	10 U	10	5.0	1	06/14/24 01:32	
Benzene	5.0 U	5.0	0.20	1	06/14/24 01:32	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 01:32	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 01:32	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 01:32	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 01:32	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 01:32	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 01:32	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 01:32	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 01:32	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 01:32	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 01:32	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 01:32	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 01:32	
Styrene	5.0 U	5.0	0.20	1	06/14/24 01:32	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 01:32	
Toluene	5.0 U	5.0	0.20	1	06/14/24 01:32	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 01:32	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 01:32	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 01:32	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 01:32	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 01:32	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 01:32	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 01:32	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 01:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-004-JA	**Units:**	ug/L
Lab Code:	R2404806-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/14/24 01:32	
Dibromofluoromethane	93	80 - 116	06/14/24 01:32	
Toluene-d8	97	87 - 121	06/14/24 01:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-004-JA	**Units:**	ug/L
Lab Code:	R2404806-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.67	5.0	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-005-SG	**Units:**	ug/L
Lab Code:	R2404806-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 01:54	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 01:54	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 01:54	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 01:54	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 01:54	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 01:54	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 01:54	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 01:54	
2-Hexanone	10 U	10	0.20	1	06/14/24 01:54	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 01:54	
Acetone	10 U	10	5.0	1	06/14/24 01:54	
Benzene	5.0 U	5.0	0.20	1	06/14/24 01:54	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 01:54	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 01:54	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 01:54	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 01:54	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 01:54	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 01:54	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 01:54	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 01:54	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 01:54	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 01:54	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 01:54	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 01:54	
Styrene	5.0 U	5.0	0.20	1	06/14/24 01:54	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 01:54	
Toluene	5.0 U	5.0	0.20	1	06/14/24 01:54	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 01:54	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 01:54	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 01:54	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 01:54	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 01:54	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 01:54	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 01:54	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 01:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-005-SG	**Units:**	ug/L
Lab Code:	R2404806-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/14/24 01:54	
Dibromofluoromethane	92	80 - 116	06/14/24 01:54	
Toluene-d8	96	87 - 121	06/14/24 01:54	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-005-SG	**Units:**	ug/L
Lab Code:	R2404806-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 13:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-006-JA	**Units:**	ug/L
Lab Code:	R2404806-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 02:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 02:17	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 02:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 02:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 02:17	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 02:17	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 02:17	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 02:17	
2-Hexanone	10 U	10	0.20	1	06/14/24 02:17	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 02:17	
Acetone	10 U	10	5.0	1	06/14/24 02:17	
Benzene	5.0 U	5.0	0.20	1	06/14/24 02:17	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 02:17	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 02:17	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 02:17	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 02:17	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 02:17	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 02:17	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 02:17	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 02:17	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 02:17	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 02:17	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 02:17	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 02:17	
Styrene	5.0 U	5.0	0.20	1	06/14/24 02:17	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 02:17	
Toluene	5.0 U	5.0	0.20	1	06/14/24 02:17	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 02:17	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 02:17	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 02:17	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 02:17	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 02:17	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 02:17	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 02:17	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 02:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 13:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-006-JA	**Units:**	ug/L
Lab Code:	R2404806-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	06/14/24 02:17	
Dibromofluoromethane	92	80 - 116	06/14/24 02:17	
Toluene-d8	96	87 - 121	06/14/24 02:17	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 13:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-006-JA	**Units:**	ug/L
Lab Code:	R2404806-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 14:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-007-SG	**Units:**	ug/L
Lab Code:	R2404806-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 23:18	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 23:18	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 23:18	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 23:18	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 23:18	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 23:18	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 23:18	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 23:18	
2-Hexanone	10 U	10	0.20	1	06/14/24 23:18	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 23:18	
Acetone	10 U	10	5.0	1	06/14/24 23:18	
Benzene	5.0 U	5.0	0.20	1	06/14/24 23:18	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 23:18	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 23:18	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 23:18	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 23:18	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 23:18	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 23:18	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 23:18	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 23:18	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 23:18	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 23:18	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 23:18	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 23:18	
Styrene	5.0 U	5.0	0.20	1	06/14/24 23:18	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 23:18	
Toluene	5.0 U	5.0	0.20	1	06/14/24 23:18	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 23:18	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 23:18	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 23:18	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 23:18	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 23:18	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 23:18	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 23:18	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 23:18	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 14:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-007-SG	**Units:**	ug/L
Lab Code:	R2404806-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/14/24 23:18	
Dibromofluoromethane	98	80 - 116	06/14/24 23:18	
Toluene-d8	99	87 - 121	06/14/24 23:18	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 14:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-007-SG	**Units:**	ug/L
Lab Code:	R2404806-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.98	18.0	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-008-JA	**Units:**	ug/L
Lab Code:	R2404806-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 02:40	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 02:40	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 02:40	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 02:40	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 02:40	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 02:40	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 02:40	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 02:40	
2-Hexanone	10 U	10	0.20	1	06/14/24 02:40	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 02:40	
Acetone	10 U	10	5.0	1	06/14/24 02:40	
Benzene	5.0 U	5.0	0.20	1	06/14/24 02:40	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 02:40	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 02:40	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 02:40	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 02:40	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 02:40	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 02:40	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 02:40	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 02:40	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 02:40	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 02:40	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 02:40	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 02:40	
Styrene	5.0 U	5.0	0.20	1	06/14/24 02:40	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 02:40	
Toluene	5.0 U	5.0	0.20	1	06/14/24 02:40	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 02:40	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 02:40	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 02:40	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 02:40	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 02:40	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 02:40	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 02:40	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 02:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-008-JA	**Units:**	ug/L
Lab Code:	R2404806-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/14/24 02:40	
Dibromofluoromethane	95	80 - 116	06/14/24 02:40	
Toluene-d8	100	87 - 121	06/14/24 02:40	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-008-JA	**Units:**	ug/L
Lab Code:	R2404806-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.67	5.5	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-009-SG	**Units:**	ug/L
Lab Code:	R2404806-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 23:41	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 23:41	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 23:41	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 23:41	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 23:41	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 23:41	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 23:41	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 23:41	
2-Hexanone	10 U	10	0.20	1	06/14/24 23:41	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 23:41	
Acetone	10 U	10	5.0	1	06/14/24 23:41	
Benzene	5.0 U	5.0	0.20	1	06/14/24 23:41	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 23:41	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 23:41	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 23:41	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 23:41	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 23:41	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 23:41	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 23:41	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 23:41	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 23:41	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 23:41	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 23:41	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 23:41	
Styrene	5.0 U	5.0	0.20	1	06/14/24 23:41	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 23:41	
Toluene	5.0 U	5.0	0.20	1	06/14/24 23:41	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 23:41	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 23:41	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 23:41	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 23:41	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 23:41	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 23:41	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 23:41	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 23:41	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-009-SG	**Units:**	ug/L
Lab Code:	R2404806-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/14/24 23:41	
Dibromofluoromethane	98	80 - 116	06/14/24 23:41	
Toluene-d8	99	87 - 121	06/14/24 23:41	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-009-SG	**Units:**	ug/L
Lab Code:	R2404806-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	18.0	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 16:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-010-JA	**Units:**	ug/L
Lab Code:	R2404806-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 03:02	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 03:02	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 03:02	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 03:02	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 03:02	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 03:02	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 03:02	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 03:02	
2-Hexanone	10 U	10	0.20	1	06/14/24 03:02	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 03:02	
Acetone	10 U	10	5.0	1	06/14/24 03:02	
Benzene	5.0 U	5.0	0.20	1	06/14/24 03:02	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 03:02	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 03:02	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 03:02	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 03:02	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 03:02	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 03:02	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 03:02	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 03:02	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 03:02	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 03:02	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 03:02	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 03:02	
Styrene	5.0 U	5.0	0.20	1	06/14/24 03:02	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 03:02	
Toluene	5.0 U	5.0	0.20	1	06/14/24 03:02	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 03:02	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 03:02	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 03:02	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 03:02	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 03:02	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 03:02	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 03:02	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 03:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 16:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-010-JA	**Units:**	ug/L
Lab Code:	R2404806-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	06/14/24 03:02	
Dibromofluoromethane	94	80 - 116	06/14/24 03:02	
Toluene-d8	98	87 - 121	06/14/24 03:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 16:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-010-JA	**Units:**	ug/L
Lab Code:	R2404806-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-011-SG	**Units:**	ug/L
Lab Code:	R2404806-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/15/24 00:04	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/15/24 00:04	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:04	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/15/24 00:04	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/15/24 00:04	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/15/24 00:04	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/15/24 00:04	
2-Butanone (MEK)	10 U	10	0.78	1	06/15/24 00:04	
2-Hexanone	10 U	10	0.20	1	06/15/24 00:04	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/15/24 00:04	
Acetone	10 U	10	5.0	1	06/15/24 00:04	
Benzene	5.0 U	5.0	0.20	1	06/15/24 00:04	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/15/24 00:04	
Bromoform	5.0 U	5.0	0.25	1	06/15/24 00:04	
Bromomethane	5.0 U	5.0	0.70	1	06/15/24 00:04	
Carbon Disulfide	10 U	10	0.42	1	06/15/24 00:04	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/15/24 00:04	
Chlorobenzene	5.0 U	5.0	0.20	1	06/15/24 00:04	
Chloroethane	5.0 U	5.0	0.23	1	06/15/24 00:04	
Chloroform	5.0 U	5.0	0.51	1	06/15/24 00:04	
Chloromethane	5.0 U	5.0	0.80	1	06/15/24 00:04	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/15/24 00:04	
Dichloromethane	5.0 U	5.0	0.65	1	06/15/24 00:04	
Ethylbenzene	5.0 U	5.0	0.20	1	06/15/24 00:04	
Styrene	5.0 U	5.0	0.20	1	06/15/24 00:04	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/15/24 00:04	
Toluene	5.0 U	5.0	0.20	1	06/15/24 00:04	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/15/24 00:04	
Vinyl Acetate	10 U	10	1.1	1	06/15/24 00:04	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/15/24 00:04	
Xylenes, Total	5.0 U	5.0	0.23	1	06/15/24 00:04	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/15/24 00:04	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/15/24 00:04	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/15/24 00:04	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/15/24 00:04	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-011-SG	**Units:**	ug/L
Lab Code:	R2404806-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/15/24 00:04	
Dibromofluoromethane	102	80 - 116	06/15/24 00:04	
Toluene-d8	101	87 - 121	06/15/24 00:04	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-011-SG	**Units:**	ug/L
Lab Code:	R2404806-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	16.7	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2404806-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 00:24	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 00:24	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 00:24	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 00:24	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 00:24	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 00:24	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 00:24	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 00:24	
2-Hexanone	10 U	10	0.20	1	06/14/24 00:24	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 00:24	
Acetone	10 U	10	5.0	1	06/14/24 00:24	
Benzene	5.0 U	5.0	0.20	1	06/14/24 00:24	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 00:24	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 00:24	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 00:24	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 00:24	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 00:24	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 00:24	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 00:24	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 00:24	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 00:24	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 00:24	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 00:24	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 00:24	
Styrene	5.0 U	5.0	0.20	1	06/14/24 00:24	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 00:24	
Toluene	5.0 U	5.0	0.20	1	06/14/24 00:24	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 00:24	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 00:24	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 00:24	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 00:24	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 00:24	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 00:24	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 00:24	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 00:24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2404806-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/14/24 00:24	
Dibromofluoromethane	94	80 - 116	06/14/24 00:24	
Toluene-d8	99	87 - 121	06/14/24 00:24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2404806-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.67	5.1	J

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:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:05
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-001-SG	**Units:**	ug/L
Lab Code:	R2404806-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 18:37	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 18:37	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 18:37	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 18:37	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 18:37	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 18:37	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 18:37	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 18:37	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 18:37	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 18:37	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 18:37	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 18:37	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 18:37	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 18:37	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 18:37	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 18:37	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 18:37	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 18:37	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 18:37	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 18:37	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 18:37	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 18:37	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 18:37	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 18:37	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 18:37	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 18:37	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 18:37	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:05
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-001-SG	**Units:**	ug/L
Lab Code:	R2404806-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 18:37	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 18:37	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 18:37	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 18:37	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 18:37	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 18:37	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 18:37	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 18:37	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 18:37	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 18:37	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 18:37	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 18:37	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 18:37	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 18:37	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 18:37	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 18:37	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 18:37	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 18:37	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 18:37	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	89	31 - 133	06/10/24 18:37	
2-Fluorobiphenyl	85	25 - 99	06/10/24 18:37	
2-Fluorophenol	52	15 - 72	06/10/24 18:37	
Nitrobenzene-d5	83	22 - 104	06/10/24 18:37	
Phenol-d6	37	10 - 55	06/10/24 18:37	
p-Terphenyl-d14	91	10 - 143	06/10/24 18:37	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	440	J
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	4.50	4.8	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:35
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-002-JA	**Units:**	ug/L
Lab Code:	R2404806-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 19:01	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 19:01	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 19:01	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 19:01	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 19:01	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 19:01	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 19:01	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 19:01	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 19:01	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 19:01	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 19:01	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 19:01	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 19:01	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 19:01	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 19:01	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 19:01	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 19:01	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 19:01	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 19:01	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 19:01	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 19:01	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 19:01	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 19:01	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 19:01	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 19:01	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 19:01	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 19:01	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:35
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-002-JA	**Units:**	ug/L
Lab Code:	R2404806-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 19:01	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 19:01	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 19:01	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 19:01	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 19:01	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 19:01	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 19:01	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 19:01	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 19:01	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 19:01	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 19:01	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 19:01	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 19:01	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 19:01	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 19:01	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 19:01	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 19:01	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 19:01	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 19:01	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	82	31 - 133	06/10/24 19:01	
2-Fluorobiphenyl	78	25 - 99	06/10/24 19:01	
2-Fluorophenol	52	15 - 72	06/10/24 19:01	
Nitrobenzene-d5	78	22 - 104	06/10/24 19:01	
Phenol-d6	35	10 - 55	06/10/24 19:01	
p-Terphenyl-d14	93	10 - 143	06/10/24 19:01	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	460	J
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	4.50	5.2	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 11:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-003-SG	**Units:**	ug/L
Lab Code:	R2404806-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 19:26	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 19:26	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 19:26	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 19:26	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 19:26	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 19:26	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 19:26	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 19:26	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 19:26	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 19:26	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 19:26	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 19:26	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 19:26	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 19:26	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 19:26	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 19:26	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 19:26	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 19:26	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 19:26	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 19:26	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 19:26	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 19:26	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 19:26	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 19:26	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 19:26	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 19:26	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 19:26	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 11:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-003-SG	**Units:**	ug/L
Lab Code:	R2404806-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 19:26	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 19:26	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 19:26	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 19:26	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 19:26	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 19:26	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 19:26	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 19:26	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 19:26	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 19:26	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 19:26	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 19:26	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 19:26	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 19:26	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 19:26	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 19:26	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 19:26	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 19:26	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 19:26	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	83	31 - 133	06/10/24 19:26	
2-Fluorobiphenyl	71	25 - 99	06/10/24 19:26	
2-Fluorophenol	51	15 - 72	06/10/24 19:26	
Nitrobenzene-d5	73	22 - 104	06/10/24 19:26	
Phenol-d6	35	10 - 55	06/10/24 19:26	
p-Terphenyl-d14	102	10 - 143	06/10/24 19:26	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	440	J
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	4.50	4.6	JN
013798-23-7	Sulfur	7.90	21	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-004-JA	**Units:**	ug/L
Lab Code:	R2404806-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 19:50	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 19:50	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 19:50	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 19:50	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 19:50	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 19:50	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 19:50	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 19:50	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 19:50	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 19:50	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 19:50	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 19:50	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 19:50	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 19:50	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 19:50	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 19:50	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 19:50	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 19:50	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 19:50	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 19:50	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 19:50	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 19:50	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 19:50	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 19:50	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 19:50	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 19:50	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 19:50	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-004-JA	**Units:**	ug/L
Lab Code:	R2404806-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 19:50	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 19:50	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 19:50	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 19:50	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 19:50	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 19:50	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 19:50	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 19:50	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 19:50	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 19:50	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 19:50	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 19:50	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 19:50	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 19:50	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 19:50	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 19:50	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 19:50	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 19:50	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 19:50	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	80	31 - 133	06/10/24 19:50	
2-Fluorobiphenyl	72	25 - 99	06/10/24 19:50	
2-Fluorophenol	53	15 - 72	06/10/24 19:50	
Nitrobenzene-d5	75	22 - 104	06/10/24 19:50	
Phenol-d6	37	10 - 55	06/10/24 19:50	
p-Terphenyl-d14	97	10 - 143	06/10/24 19:50	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.44	460	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-005-SG	**Units:**	ug/L
Lab Code:	R2404806-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 20:14	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 20:14	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 20:14	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 20:14	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 20:14	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 20:14	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 20:14	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 20:14	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 20:14	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 20:14	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 20:14	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 20:14	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 20:14	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 20:14	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 20:14	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 20:14	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 20:14	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 20:14	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 20:14	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 20:14	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 20:14	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 20:14	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 20:14	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 20:14	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 20:14	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 20:14	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 20:14	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-005-SG	**Units:**	ug/L
Lab Code:	R2404806-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 20:14	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 20:14	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 20:14	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 20:14	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 20:14	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 20:14	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 20:14	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 20:14	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 20:14	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 20:14	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 20:14	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 20:14	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 20:14	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 20:14	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 20:14	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 20:14	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 20:14	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 20:14	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 20:14	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	62	31 - 133	06/10/24 20:14	
2-Fluorobiphenyl	56	25 - 99	06/10/24 20:14	
2-Fluorophenol	39	15 - 72	06/10/24 20:14	
Nitrobenzene-d5	60	22 - 104	06/10/24 20:14	
Phenol-d6	27	10 - 55	06/10/24 20:14	
p-Terphenyl-d14	78	10 - 143	06/10/24 20:14	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	340	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 13:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-006-JA	**Units:**	ug/L
Lab Code:	R2404806-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 20:38	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 20:38	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 20:38	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 20:38	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 20:38	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 20:38	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 20:38	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 20:38	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 20:38	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 20:38	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 20:38	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 20:38	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 20:38	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 20:38	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 20:38	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 20:38	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 20:38	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 20:38	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 20:38	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 20:38	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 20:38	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 20:38	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 20:38	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 20:38	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 20:38	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 20:38	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 20:38	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 13:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-006-JA	**Units:**	ug/L
Lab Code:	R2404806-006	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 20:38	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 20:38	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 20:38	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 20:38	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 20:38	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 20:38	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 20:38	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 20:38	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 20:38	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 20:38	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 20:38	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 20:38	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 20:38	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 20:38	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 20:38	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 20:38	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 20:38	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 20:38	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 20:38	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	90	31 - 133	06/10/24 20:38	
2-Fluorobiphenyl	86	25 - 99	06/10/24 20:38	
2-Fluorophenol	55	15 - 72	06/10/24 20:38	
Nitrobenzene-d5	84	22 - 104	06/10/24 20:38	
Phenol-d6	38	10 - 55	06/10/24 20:38	
p-Terphenyl-d14	94	10 - 143	06/10/24 20:38	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	470	J
	unknown	13.69	11	J
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	4.50	5.3	JN
	unknown	9.53	5.7	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 14:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-007-SG	**Units:**	ug/L
Lab Code:	R2404806-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 21:03	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 21:03	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 21:03	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 21:03	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 21:03	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 21:03	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 21:03	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 21:03	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 21:03	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 21:03	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 21:03	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 21:03	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 21:03	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 21:03	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 21:03	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 21:03	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 21:03	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 21:03	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 21:03	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 21:03	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 21:03	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 21:03	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 21:03	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 21:03	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 21:03	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 21:03	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 21:03	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 14:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-007-SG	**Units:**	ug/L
Lab Code:	R2404806-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 21:03	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 21:03	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 21:03	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 21:03	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 21:03	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 21:03	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 21:03	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 21:03	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 21:03	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 21:03	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 21:03	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 21:03	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 21:03	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 21:03	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 21:03	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 21:03	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 21:03	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 21:03	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 21:03	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	85	31 - 133	06/10/24 21:03	
2-Fluorobiphenyl	79	25 - 99	06/10/24 21:03	
2-Fluorophenol	53	15 - 72	06/10/24 21:03	
Nitrobenzene-d5	79	22 - 104	06/10/24 21:03	
Phenol-d6	36	10 - 55	06/10/24 21:03	
p-Terphenyl-d14	63	10 - 143	06/10/24 21:03	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	450	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-008-JA	**Units:**	ug/L
Lab Code:	R2404806-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 21:27	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 21:27	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 21:27	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 21:27	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 21:27	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 21:27	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 21:27	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 21:27	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 21:27	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 21:27	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 21:27	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 21:27	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 21:27	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 21:27	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 21:27	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 21:27	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 21:27	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 21:27	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 21:27	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 21:27	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 21:27	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 21:27	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 21:27	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 21:27	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 21:27	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 21:27	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 21:27	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-008-JA	**Units:**	ug/L
Lab Code:	R2404806-008	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 21:27	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 21:27	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 21:27	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 21:27	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 21:27	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 21:27	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 21:27	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 21:27	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 21:27	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 21:27	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 21:27	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 21:27	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 21:27	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 21:27	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 21:27	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 21:27	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 21:27	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 21:27	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 21:27	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	75	31 - 133	06/10/24 21:27	
2-Fluorobiphenyl	68	25 - 99	06/10/24 21:27	
2-Fluorophenol	48	15 - 72	06/10/24 21:27	
Nitrobenzene-d5	69	22 - 104	06/10/24 21:27	
Phenol-d6	35	10 - 55	06/10/24 21:27	
p-Terphenyl-d14	96	10 - 143	06/10/24 21:27	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	400	J

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-009-SG	**Units:**	ug/L
Lab Code:	R2404806-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
1,2-Dichlorobenzene	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
1,3-Dichlorobenzene	9.8 U	9.8	1.1	1	06/10/24 21:51	6/6/24	
1,4-Dichlorobenzene	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
2,4,5-Trichlorophenol	9.8 U	9.8	1.1	1	06/10/24 21:51	6/6/24	
2,4,6-Trichlorophenol	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
2,4-Dichlorophenol	9.8 U	9.8	1.3	1	06/10/24 21:51	6/6/24	
2,4-Dimethylphenol	9.8 U	9.8	4.3	1	06/10/24 21:51	6/6/24	
2,4-Dinitrophenol	49 U	49	20	1	06/10/24 21:51	6/6/24	
2,4-Dinitrotoluene	9.8 U	9.8	2.4	1	06/10/24 21:51	6/6/24	
2,6-Dinitrotoluene	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
2-Chloronaphthalene	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
2-Chlorophenol	9.8 U	9.8	1.1	1	06/10/24 21:51	6/6/24	
2-Methylnaphthalene	9.8 U	9.8	1.3	1	06/10/24 21:51	6/6/24	
2-Methylphenol	9.8 U	9.8	1.0	1	06/10/24 21:51	6/6/24	
2-Nitroaniline	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
2-Nitrophenol	9.8 U	9.8	1.5	1	06/10/24 21:51	6/6/24	
3,3'-Dichlorobenzidine	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
3- and 4-Methylphenol Coelution	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
3-Nitroaniline	9.8 U	9.8	1.1	1	06/10/24 21:51	6/6/24	
4,6-Dinitro-2-methylphenol	49 U	49	8.7	1	06/10/24 21:51	6/6/24	
4-Bromophenyl Phenyl Ether	9.8 U	9.8	1.7	1	06/10/24 21:51	6/6/24	
4-Chloro-3-methylphenol	9.8 U	9.8	1.1	1	06/10/24 21:51	6/6/24	
4-Chloroaniline	9.8 U	9.8	1.0	1	06/10/24 21:51	6/6/24	
4-Chlorophenyl Phenyl Ether	9.8 U	9.8	1.5	1	06/10/24 21:51	6/6/24	
4-Nitroaniline	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
4-Nitrophenol	49 U	49	6.4	1	06/10/24 21:51	6/6/24	
Acenaphthene	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
Acenaphthylene	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
Anthracene	9.8 U	9.8	1.3	1	06/10/24 21:51	6/6/24	
Benz(a)anthracene	9.8 U	9.8	1.6	1	06/10/24 21:51	6/6/24	
Benzo(a)pyrene	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
Benzo(b)fluoranthene	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
Benzo(g,h,i)perylene	9.8 U	9.8	2.1	1	06/10/24 21:51	6/6/24	
Benzo(k)fluoranthene	9.8 U	9.8	1.3	1	06/10/24 21:51	6/6/24	
Benzoic Acid	49 U	49	36	1	06/10/24 21:51	6/6/24	
Benzyl Alcohol	9.8 U	9.8	1.6	1	06/10/24 21:51	6/6/24	
2,2'-Oxybis(1-chloropropane)	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
Bis(2-chloroethoxy)methane	9.8 U	9.8	1.9	1	06/10/24 21:51	6/6/24	
Bis(2-chloroethyl) Ether	9.8 U	9.8	1.3	1	06/10/24 21:51	6/6/24	
Bis(2-ethylhexyl) Phthalate	9.8 U	9.8	7.8	1	06/10/24 21:51	6/6/24	
Butyl Benzyl Phthalate	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
Chrysene	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-009-SG	**Units:**	ug/L
Lab Code:	R2404806-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	9.8 U	9.8	1.7	1	06/10/24 21:51	6/6/24	
Di-n-octyl Phthalate	9.8 U	9.8	3.3	1	06/10/24 21:51	6/6/24	
Dibenz(a,h)anthracene	9.8 U	9.8	1.1	1	06/10/24 21:51	6/6/24	
Dibenzofuran	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
Diethyl Phthalate	9.8 U	9.8	1.1	1	06/10/24 21:51	6/6/24	
Dimethyl Phthalate	9.8 U	9.8	1.3	1	06/10/24 21:51	6/6/24	
Fluoranthene	9.8 U	9.8	1.5	1	06/10/24 21:51	6/6/24	
Fluorene	9.8 U	9.8	1.3	1	06/10/24 21:51	6/6/24	
Hexachlorobenzene	9.8 U	9.8	1.6	1	06/10/24 21:51	6/6/24	
Hexachlorobutadiene	9.8 U	9.8	1.0	1	06/10/24 21:51	6/6/24	
Hexachlorocyclopentadiene	9.8 U	9.8	2.2	1	06/10/24 21:51	6/6/24	
Hexachloroethane	9.8 U	9.8	1.1	1	06/10/24 21:51	6/6/24	
Indeno(1,2,3-cd)pyrene	9.8 U	9.8	1.8	1	06/10/24 21:51	6/6/24	
Isophorone	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
N-Nitrosodi-n-propylamine	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
N-Nitrosodiphenylamine	9.8 U	9.8	2.7	1	06/10/24 21:51	6/6/24	
Naphthalene	9.8 U	9.8	1.2	1	06/10/24 21:51	6/6/24	
Nitrobenzene	9.8 U	9.8	1.5	1	06/10/24 21:51	6/6/24	
Pentachlorophenol (PCP)	49 U	49	9.7	1	06/10/24 21:51	6/6/24	
Phenanthrene	9.8 U	9.8	1.4	1	06/10/24 21:51	6/6/24	
Phenol	9.8 U	9.8	1.0	1	06/10/24 21:51	6/6/24	
Pyrene	9.8 U	9.8	1.5	1	06/10/24 21:51	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	79	31 - 133	06/10/24 21:51	
2-Fluorobiphenyl	72	25 - 99	06/10/24 21:51	
2-Fluorophenol	50	15 - 72	06/10/24 21:51	
Nitrobenzene-d5	74	22 - 104	06/10/24 21:51	
Phenol-d6	38	10 - 55	06/10/24 21:51	
p-Terphenyl-d14	100	10 - 143	06/10/24 21:51	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	410	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 16:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-010-JA	**Units:**	ug/L
Lab Code:	R2404806-010	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 22:15	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 22:15	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 22:15	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 22:15	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 22:15	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 22:15	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 22:15	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 22:15	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 22:15	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 22:15	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 22:15	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 22:15	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 22:15	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 22:15	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 22:15	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 22:15	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 22:15	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 22:15	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 22:15	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 22:15	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 22:15	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 22:15	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 22:15	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 22:15	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 22:15	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 22:15	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 22:15	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 16:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-010-JA	**Units:**	ug/L
Lab Code:	R2404806-010	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 22:15	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 22:15	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 22:15	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 22:15	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 22:15	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 22:15	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 22:15	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 22:15	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 22:15	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 22:15	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 22:15	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 22:15	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 22:15	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 22:15	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 22:15	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 22:15	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 22:15	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 22:15	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 22:15	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	31 - 133	06/10/24 22:15	
2-Fluorobiphenyl	65	25 - 99	06/10/24 22:15	
2-Fluorophenol	44	15 - 72	06/10/24 22:15	
Nitrobenzene-d5	66	22 - 104	06/10/24 22:15	
Phenol-d6	32	10 - 55	06/10/24 22:15	
p-Terphenyl-d14	91	10 - 143	06/10/24 22:15	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.45	380	J
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	4.50	4.2	JN

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-011-SG	**Units:**	ug/L
Lab Code:	R2404806-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
1,2-Dichlorobenzene	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
1,3-Dichlorobenzene	9.8 U	9.8	1.1	1	06/13/24 14:00	6/6/24	
1,4-Dichlorobenzene	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
2,4,5-Trichlorophenol	9.8 U	9.8	1.1	1	06/13/24 14:00	6/6/24	
2,4,6-Trichlorophenol	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
2,4-Dichlorophenol	9.8 U	9.8	1.3	1	06/13/24 14:00	6/6/24	
2,4-Dimethylphenol	9.8 U	9.8	4.3	1	06/13/24 14:00	6/6/24	
2,4-Dinitrophenol	49 U	49	20	1	06/13/24 14:00	6/6/24	
2,4-Dinitrotoluene	9.8 U	9.8	2.4	1	06/13/24 14:00	6/6/24	
2,6-Dinitrotoluene	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
2-Chloronaphthalene	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
2-Chlorophenol	9.8 U	9.8	1.1	1	06/13/24 14:00	6/6/24	
2-Methylnaphthalene	9.8 U	9.8	1.3	1	06/13/24 14:00	6/6/24	
2-Methylphenol	9.8 U	9.8	1.0	1	06/13/24 14:00	6/6/24	
2-Nitroaniline	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
2-Nitrophenol	9.8 U	9.8	1.5	1	06/13/24 14:00	6/6/24	
3,3'-Dichlorobenzidine	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
3- and 4-Methylphenol Coelution	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
3-Nitroaniline	9.8 U	9.8	1.1	1	06/13/24 14:00	6/6/24	
4,6-Dinitro-2-methylphenol	49 U	49	8.7	1	06/13/24 14:00	6/6/24	
4-Bromophenyl Phenyl Ether	9.8 U	9.8	1.7	1	06/13/24 14:00	6/6/24	
4-Chloro-3-methylphenol	9.8 U	9.8	1.1	1	06/13/24 14:00	6/6/24	
4-Chloroaniline	9.8 U	9.8	1.0	1	06/13/24 14:00	6/6/24	
4-Chlorophenyl Phenyl Ether	9.8 U	9.8	1.5	1	06/13/24 14:00	6/6/24	
4-Nitroaniline	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
4-Nitrophenol	49 U	49	6.4	1	06/13/24 14:00	6/6/24	
Acenaphthene	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
Acenaphthylene	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
Anthracene	9.8 U	9.8	1.3	1	06/13/24 14:00	6/6/24	
Benz(a)anthracene	9.8 U	9.8	1.6	1	06/13/24 14:00	6/6/24	
Benzo(a)pyrene	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
Benzo(b)fluoranthene	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
Benzo(g,h,i)perylene	9.8 U	9.8	2.1	1	06/13/24 14:00	6/6/24	
Benzo(k)fluoranthene	9.8 U	9.8	1.3	1	06/13/24 14:00	6/6/24	
Benzoic Acid	49 U	49	36	1	06/13/24 14:00	6/6/24	
Benzyl Alcohol	9.8 U	9.8	1.6	1	06/13/24 14:00	6/6/24	
2,2'-Oxybis(1-chloropropane)	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
Bis(2-chloroethoxy)methane	9.8 U	9.8	1.9	1	06/13/24 14:00	6/6/24	
Bis(2-chloroethyl) Ether	9.8 U	9.8	1.3	1	06/13/24 14:00	6/6/24	
Bis(2-ethylhexyl) Phthalate	9.8 U	9.8	7.8	1	06/13/24 14:00	6/6/24	
Butyl Benzyl Phthalate	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
Chrysene	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-011-SG	**Units:**	ug/L
Lab Code:	R2404806-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	9.8 U	9.8	1.7	1	06/13/24 14:00	6/6/24	
Di-n-octyl Phthalate	9.8 U	9.8	3.3	1	06/13/24 14:00	6/6/24	
Dibenz(a,h)anthracene	9.8 U	9.8	1.1	1	06/13/24 14:00	6/6/24	
Dibenzofuran	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
Diethyl Phthalate	9.8 U	9.8	1.1	1	06/13/24 14:00	6/6/24	
Dimethyl Phthalate	9.8 U	9.8	1.3	1	06/13/24 14:00	6/6/24	
Fluoranthene	9.8 U	9.8	1.5	1	06/13/24 14:00	6/6/24	
Fluorene	9.8 U	9.8	1.3	1	06/13/24 14:00	6/6/24	
Hexachlorobenzene	9.8 U	9.8	1.6	1	06/13/24 14:00	6/6/24	
Hexachlorobutadiene	9.8 U	9.8	1.0	1	06/13/24 14:00	6/6/24	
Hexachlorocyclopentadiene	9.8 U	9.8	2.2	1	06/13/24 14:00	6/6/24	
Hexachloroethane	9.8 U	9.8	1.1	1	06/13/24 14:00	6/6/24	
Indeno(1,2,3-cd)pyrene	9.8 U	9.8	1.8	1	06/13/24 14:00	6/6/24	
Isophorone	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
N-Nitrosodi-n-propylamine	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
N-Nitrosodiphenylamine	9.8 U	9.8	2.7	1	06/13/24 14:00	6/6/24	
Naphthalene	9.8 U	9.8	1.2	1	06/13/24 14:00	6/6/24	
Nitrobenzene	9.8 U	9.8	1.5	1	06/13/24 14:00	6/6/24	
Pentachlorophenol (PCP)	49 U	49	9.7	1	06/13/24 14:00	6/6/24	
Phenanthrene	9.8 U	9.8	1.4	1	06/13/24 14:00	6/6/24	
Phenol	9.8 U	9.8	1.0	1	06/13/24 14:00	6/6/24	
Pyrene	9.8 U	9.8	1.5	1	06/13/24 14:00	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	90	31 - 133	06/13/24 14:00	
2-Fluorobiphenyl	70	25 - 99	06/13/24 14:00	
2-Fluorophenol	46	15 - 72	06/13/24 14:00	
Nitrobenzene-d5	70	22 - 104	06/13/24 14:00	
Phenol-d6	33	10 - 55	06/13/24 14:00	
p-Terphenyl-d14	95	10 - 143	06/13/24 14:00	

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:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:05
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-001-SG	**Units:**	ug/L
Lab Code:	R2404806-001	**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	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
4,4'-DDE	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
4,4'-DDT	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Aldrin	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Dieldrin	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Endosulfan I	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Endosulfan II	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Endosulfan Sulfate	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Endrin	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Endrin Ketone	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Heptachlor	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Heptachlor Epoxide	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Methoxychlor	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 21:41	6/10/24	
alpha-BHC	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
alpha-Chlordane	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
beta-BHC	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
delta-BHC	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
gamma-BHC (Lindane)	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	
gamma-Chlordane	0.048 U	0.048	0.020	1	06/14/24 21:41	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	62	10 - 111	06/14/24 21:41	
Tetrachloro-m-xylene	73	10 - 101	06/14/24 21:41	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:35
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-002-JA	**Units:**	ug/L
Lab Code:	R2404806-002	**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	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 22:15	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/14/24 22:15	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	43	10 - 111	06/14/24 22:15	
Tetrachloro-m-xylene	63	10 - 101	06/14/24 22:15	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 11:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-003-SG	**Units:**	ug/L
Lab Code:	R2404806-003	**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	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 01:43	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 01:43	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	40	10 - 111	06/15/24 01:43	
Tetrachloro-m-xylene	50	10 - 101	06/15/24 01:43	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-004-JA	**Units:**	ug/L
Lab Code:	R2404806-004	**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	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
4,4'-DDE	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
4,4'-DDT	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Aldrin	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Dieldrin	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Endosulfan I	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Endosulfan II	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Endosulfan Sulfate	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Endrin	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Endrin Ketone	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Heptachlor	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Heptachlor Epoxide	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Methoxychlor	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 22:33	6/10/24	
alpha-BHC	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
alpha-Chlordane	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
beta-BHC	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
delta-BHC	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
gamma-BHC (Lindane)	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	
gamma-Chlordane	0.049 U	0.049	0.020	1	06/14/24 22:33	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	66	10 - 111	06/14/24 22:33	
Tetrachloro-m-xylene	61	10 - 101	06/14/24 22:33	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-005-SG	**Units:**	ug/L
Lab Code:	R2404806-005	**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	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 22:50	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/14/24 22:50	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 111	06/14/24 22:50	
Tetrachloro-m-xylene	57	10 - 101	06/14/24 22:50	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 13:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-006-JA	**Units:**	ug/L
Lab Code:	R2404806-006	**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	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 23:07	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/14/24 23:07	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 111	06/14/24 23:07	
Tetrachloro-m-xylene	53	10 - 101	06/14/24 23:07	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 14:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-007-SG	**Units:**	ug/L
Lab Code:	R2404806-007	**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	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 02:01	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 02:01	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 111	06/15/24 02:01	
Tetrachloro-m-xylene	51	10 - 101	06/15/24 02:01	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-008-JA	**Units:**	ug/L
Lab Code:	R2404806-008	**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	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 23:42	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/14/24 23:42	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	59	10 - 111	06/14/24 23:42	
Tetrachloro-m-xylene	60	10 - 101	06/14/24 23:42	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-009-SG	**Units:**	ug/L
Lab Code:	R2404806-009	**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	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 02:18	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 02:18	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	75	10 - 111	06/15/24 02:18	
Tetrachloro-m-xylene	67	10 - 101	06/15/24 02:18	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 16:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-010-JA	**Units:**	ug/L
Lab Code:	R2404806-010	**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	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/14/24 23:59	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/14/24 23:59	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 111	06/14/24 23:59	
Tetrachloro-m-xylene	60	10 - 101	06/14/24 23:59	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-011-SG	**Units:**	ug/L
Lab Code:	R2404806-011	**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	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 02:53	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 02:53	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	76	10 - 111	06/15/24 02:53	
Tetrachloro-m-xylene	68	10 - 101	06/15/24 02:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:05
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-001-SG	**Units:**	ug/L
Lab Code:	R2404806-001	**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	0.96 U	0.96	0.50	1	06/12/24 13:33	6/10/24	
Aroclor 1221	1.9 U	1.9	1.0	1	06/12/24 13:33	6/10/24	
Aroclor 1232	0.96 U	0.96	0.50	1	06/12/24 13:33	6/10/24	
Aroclor 1242	0.96 U	0.96	0.50	1	06/12/24 13:33	6/10/24	
Aroclor 1248	0.96 U	0.96	0.50	1	06/12/24 13:33	6/10/24	
Aroclor 1254	0.96 U	0.96	0.50	1	06/12/24 13:33	6/10/24	
Aroclor 1260	0.96 U	0.96	0.50	1	06/12/24 13:33	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 118	06/12/24 13:33	
Tetrachloro-m-xylene	69	10 - 103	06/12/24 13:33	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 10:35
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-002-JA	**Units:**	ug/L
Lab Code:	R2404806-002	**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	1.0 U	1.0	0.50	1	06/12/24 14:14	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 14:14	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 14:14	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 14:14	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 14:14	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 14:14	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 14:14	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 118	06/12/24 14:14	
Tetrachloro-m-xylene	66	10 - 103	06/12/24 14:14	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 11:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-003-SG	**Units:**	ug/L
Lab Code:	R2404806-003	**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	1.0 U	1.0	0.50	1	06/14/24 20:26	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 20:26	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 20:26	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 20:26	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 20:26	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 20:26	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 20:26	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	27	10 - 118	06/14/24 20:26	
Tetrachloro-m-xylene	50	10 - 103	06/14/24 20:26	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-004-JA	**Units:**	ug/L
Lab Code:	R2404806-004	**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	0.98 U	0.98	0.50	1	06/12/24 14:41	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 14:41	6/10/24	
Aroclor 1232	0.98 U	0.98	0.50	1	06/12/24 14:41	6/10/24	
Aroclor 1242	0.98 U	0.98	0.50	1	06/12/24 14:41	6/10/24	
Aroclor 1248	0.98 U	0.98	0.50	1	06/12/24 14:41	6/10/24	
Aroclor 1254	0.98 U	0.98	0.50	1	06/12/24 14:41	6/10/24	
Aroclor 1260	0.98 U	0.98	0.50	1	06/12/24 14:41	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 118	06/12/24 14:41	
Tetrachloro-m-xylene	59	10 - 103	06/12/24 14:41	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 12:20
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-005-SG	**Units:**	ug/L
Lab Code:	R2404806-005	**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	1.0 U	1.0	0.50	1	06/12/24 14:55	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 14:55	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 14:55	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 14:55	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 14:55	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 14:55	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 14:55	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	36	10 - 118	06/12/24 14:55	
Tetrachloro-m-xylene	55	10 - 103	06/12/24 14:55	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 13:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-006-JA	**Units:**	ug/L
Lab Code:	R2404806-006	**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	1.0 U	1.0	0.50	1	06/12/24 15:22	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 15:22	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 15:22	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 15:22	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 15:22	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 15:22	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 15:22	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	41	10 - 118	06/12/24 15:22	
Tetrachloro-m-xylene	55	10 - 103	06/12/24 15:22	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 14:10
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-007-SG	**Units:**	ug/L
Lab Code:	R2404806-007	**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	1.0 U	1.0	0.50	1	06/14/24 20:39	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 20:39	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 20:39	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 20:39	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 20:39	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 20:39	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 20:39	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 118	06/14/24 20:39	
Tetrachloro-m-xylene	52	10 - 103	06/14/24 20:39	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-008-JA	**Units:**	ug/L
Lab Code:	R2404806-008	**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	1.0 U	1.0	0.50	1	06/12/24 15:49	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 15:49	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 15:49	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 15:49	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 15:49	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 15:49	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 15:49	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	46	10 - 118	06/12/24 15:49	
Tetrachloro-m-xylene	59	10 - 103	06/12/24 15:49	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-009-SG	**Units:**	ug/L
Lab Code:	R2404806-009	**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	1.0 U	1.0	0.50	1	06/14/24 20:53	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 20:53	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 20:53	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 20:53	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 20:53	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 20:53	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 20:53	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	55	10 - 118	06/14/24 20:53	
Tetrachloro-m-xylene	70	10 - 103	06/14/24 20:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 16:00
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-010-JA	**Units:**	ug/L
Lab Code:	R2404806-010	**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	1.0 U	1.0	0.50	1	06/12/24 16:16	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 16:16	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 16:16	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 16:16	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 16:16	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 16:16	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 16:16	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10 - 118	06/12/24 16:16	
Tetrachloro-m-xylene	59	10 - 103	06/12/24 16:16	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Collected:**	06/04/24 15:30
Sample Matrix:	Water	**Date Received:**	06/05/24 12:05
Sample Name:	WG-TR1045-18A-410-060424-011-SG	**Units:**	ug/L
Lab Code:	R2404806-011	**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	1.0 U	1.0	0.50	1	06/14/24 21:06	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 21:06	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 21:06	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 21:06	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 21:06	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 21:06	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 21:06	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	59	10 - 118	06/14/24 21:06	
Tetrachloro-m-xylene	73	10 - 103	06/14/24 21:06	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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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:** R2404806

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: 8260C

Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
WG-TR1045-18A-410-060424-001-SG	R2404806-001	95	94	99
WG-TR1045-18A-410-060424-002-JA	R2404806-002	95	93	96
WG-TR1045-18A-410-060424-003-SG	R2404806-003	105	99	100
WG-TR1045-18A-410-060424-004-JA	R2404806-004	96	93	97
WG-TR1045-18A-410-060424-005-SG	R2404806-005	96	92	96
WG-TR1045-18A-410-060424-006-JA	R2404806-006	93	92	96
WG-TR1045-18A-410-060424-007-SG	R2404806-007	103	98	99
WG-TR1045-18A-410-060424-008-JA	R2404806-008	97	95	100
WG-TR1045-18A-410-060424-009-SG	R2404806-009	103	98	99
WG-TR1045-18A-410-060424-010-JA	R2404806-010	94	94	98
WG-TR1045-18A-410-060424-011-SG	R2404806-011	105	102	101
Trip Blank	R2404806-012	97	94	99
Lab Control Sample	RQ2406818-03	96	98	100
Method Blank	RQ2406818-04	95	93	96
Lab Control Sample	RQ2406865-03	104	98	98
Method Blank	RQ2406865-04	100	97	96

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406818-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 00:02	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 00:02	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 00:02	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 00:02	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 00:02	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 00:02	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 00:02	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 00:02	
2-Hexanone	10 U	10	0.20	1	06/14/24 00:02	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 00:02	
Acetone	10 U	10	5.0	1	06/14/24 00:02	
Benzene	5.0 U	5.0	0.20	1	06/14/24 00:02	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 00:02	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 00:02	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 00:02	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 00:02	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 00:02	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 00:02	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 00:02	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 00:02	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 00:02	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 00:02	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 00:02	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 00:02	
Styrene	5.0 U	5.0	0.20	1	06/14/24 00:02	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 00:02	
Toluene	5.0 U	5.0	0.20	1	06/14/24 00:02	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 00:02	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 00:02	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 00:02	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 00:02	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 00:02	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 00:02	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 00:02	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 00:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406818-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/14/24 00:02	
Dibromofluoromethane	93	80 - 116	06/14/24 00:02	
Toluene-d8	96	87 - 121	06/14/24 00:02	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406818-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.68	5.7	J

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1,2-Trichloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,2-Dichloroethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
1,2-Dichloropropane	5.0 U	5.0	0.20	1	06/14/24 22:32	
2-Butanone (MEK)	10 U	10	0.78	1	06/14/24 22:32	
2-Hexanone	10 U	10	0.20	1	06/14/24 22:32	
4-Methyl-2-pentanone	10 U	10	0.20	1	06/14/24 22:32	
Acetone	10 U	10	5.0	1	06/14/24 22:32	
Benzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Bromodichloromethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
Bromoform	5.0 U	5.0	0.25	1	06/14/24 22:32	
Bromomethane	5.0 U	5.0	0.70	1	06/14/24 22:32	
Carbon Disulfide	10 U	10	0.42	1	06/14/24 22:32	
Carbon Tetrachloride	5.0 U	5.0	0.34	1	06/14/24 22:32	
Chlorobenzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Chloroethane	5.0 U	5.0	0.23	1	06/14/24 22:32	
Chloroform	5.0 U	5.0	0.51	1	06/14/24 22:32	
Chloromethane	5.0 U	5.0	0.80	1	06/14/24 22:32	
Dibromochloromethane	5.0 U	5.0	0.20	1	06/14/24 22:32	
Dichloromethane	5.0 U	5.0	0.65	1	06/14/24 22:32	
Ethylbenzene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Styrene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Tetrachloroethene (PCE)	5.0 U	5.0	0.21	1	06/14/24 22:32	
Toluene	5.0 U	5.0	0.20	1	06/14/24 22:32	
Trichloroethene (TCE)	5.0 U	5.0	0.20	1	06/14/24 22:32	
Vinyl Acetate	10 U	10	1.1	1	06/14/24 22:32	
Vinyl Chloride	5.0 U	5.0	0.20	1	06/14/24 22:32	
Xylenes, Total	5.0 U	5.0	0.23	1	06/14/24 22:32	
cis-1,2-Dichloroethene	5.0 U	5.0	0.23	1	06/14/24 22:32	
cis-1,3-Dichloropropene	5.0 U	5.0	0.20	1	06/14/24 22:32	
trans-1,2-Dichloroethene	5.0 U	5.0	0.20	1	06/14/24 22:32	
trans-1,3-Dichloropropene	5.0 U	5.0	0.23	1	06/14/24 22:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/14/24 22:32	
Dibromofluoromethane	97	80 - 116	06/14/24 22:32	
Toluene-d8	96	87 - 121	06/14/24 22:32	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406865-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	0.97	7.5	J

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2404806
Date Analyzed: 06/13/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406818-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	19.2	20.0	96	75-125
1,1,2,2-Tetrachloroethane	8260C	17.6	20.0	88	78-126
1,1,2-Trichloroethane	8260C	19.5	20.0	98	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	21.0	20.0	105	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	18.7	20.0	94	69-142
1,2-Dichloroethane	8260C	19.4	20.0	97	71-127
1,2-Dichloropropane	8260C	20.1	20.0	101	80-119
2-Butanone (MEK)	8260C	19.6	20.0	98	61-137
2-Hexanone	8260C	18.9	20.0	94	63-124
4-Methyl-2-pentanone	8260C	18.2	20.0	91	66-124
Acetone	8260C	17.1	20.0	85	40-161
Benzene	8260C	20.0	20.0	100	79-119
Bromodichloromethane	8260C	19.7	20.0	99	81-123
Bromoform	8260C	17.9	20.0	89	65-146
Bromomethane	8260C	20.0	20.0	100	42-166
Carbon Disulfide	8260C	19.1	20.0	95	66-128
Carbon Tetrachloride	8260C	16.9	20.0	85	70-127
Chlorobenzene	8260C	18.6	20.0	93	80-121
Chloroethane	8260C	14.8	20.0	74	62-131
Chloroform	8260C	20.0	20.0	100	79-120
Chloromethane	8260C	20.7	20.0	104	72-179
Dibromochloromethane	8260C	18.9	20.0	94	72-128
Dichloromethane	8260C	19.8	20.0	99	73-122
Ethylbenzene	8260C	18.2	20.0	91	76-120
Styrene	8260C	19.8	20.0	99	80-124
Tetrachloroethene (PCE)	8260C	18.0	20.0	90	72-125
Toluene	8260C	20.0	20.0	100	79-119
Trichloroethene (TCE)	8260C	19.1	20.0	95	74-122
Vinyl Acetate	8260C	24.0	20.0	120	52-174
Vinyl Chloride	8260C	18.4	20.0	92	74-159
Xylenes, Total	8260C	58.5	60.0	97	78-121
cis-1,2-Dichloroethene	8260C	19.5	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: R2404806
Date Analyzed: 06/13/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406818-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	18.8	20.0	94	77-122
trans-1,2-Dichloroethene	8260C	18.1	20.0	90	73-118
trans-1,3-Dichloropropene	8260C	20.9	20.0	105	71-133

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2404806
Date Analyzed: 06/14/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406865-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	20.8	20.0	104	75-125
1,1,2,2-Tetrachloroethane	8260C	21.0	20.0	105	78-126
1,1,2-Trichloroethane	8260C	20.9	20.0	105	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	19.9	20.0	100	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	19.8	20.0	99	69-142
1,2-Dichloroethane	8260C	21.2	20.0	106	71-127
1,2-Dichloropropane	8260C	17.7	20.0	89	80-119
2-Butanone (MEK)	8260C	22.7	20.0	113	61-137
2-Hexanone	8260C	21.2	20.0	106	63-124
4-Methyl-2-pentanone	8260C	20.9	20.0	104	66-124
Acetone	8260C	22.8	20.0	114	40-161
Benzene	8260C	20.3	20.0	101	79-119
Bromodichloromethane	8260C	20.4	20.0	102	81-123
Bromoform	8260C	21.6	20.0	108	65-146
Bromomethane	8260C	12.4	20.0	62	42-166
Carbon Disulfide	8260C	16.3	20.0	82	66-128
Carbon Tetrachloride	8260C	18.4	20.0	92	70-127
Chlorobenzene	8260C	19.3	20.0	97	80-121
Chloroethane	8260C	15.5	20.0	78	62-131
Chloroform	8260C	20.9	20.0	104	79-120
Chloromethane	8260C	15.2	20.0	76	72-179
Dibromochloromethane	8260C	20.2	20.0	101	72-128
Dichloromethane	8260C	20.2	20.0	101	73-122
Ethylbenzene	8260C	19.7	20.0	99	76-120
Styrene	8260C	20.8	20.0	104	80-124
Tetrachloroethene (PCE)	8260C	19.3	20.0	97	72-125
Toluene	8260C	20.2	20.0	101	79-119
Trichloroethene (TCE)	8260C	20.3	20.0	101	74-122
Vinyl Acetate	8260C	27.9	20.0	140	52-174
Vinyl Chloride	8260C	17.9	20.0	89	74-159
Xylenes, Total	8260C	60.3	60.0	101	78-121
cis-1,2-Dichloroethene	8260C	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: R2404806
Date Analyzed: 06/14/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2406865-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
cis-1,3-Dichloropropene	8260C	21.3	20.0	107	77-122
trans-1,2-Dichloroethene	8260C	19.5	20.0	97	73-118
trans-1,3-Dichloropropene	8260C	21.7	20.0	109	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:** R2404806

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: 8270D

Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 31 - 133	2-Fluorobiphenyl 25 - 99	2-Fluorophenol 15 - 72
WG-TR1045-18A-410-060424-001-SG	R2404806-001	89	85	52
WG-TR1045-18A-410-060424-002-JA	R2404806-002	82	78	52
WG-TR1045-18A-410-060424-003-SG	R2404806-003	83	71	51
WG-TR1045-18A-410-060424-004-JA	R2404806-004	80	72	53
WG-TR1045-18A-410-060424-005-SG	R2404806-005	62	56	39
WG-TR1045-18A-410-060424-006-JA	R2404806-006	90	86	55
WG-TR1045-18A-410-060424-007-SG	R2404806-007	85	79	53
WG-TR1045-18A-410-060424-008-JA	R2404806-008	75	68	48
WG-TR1045-18A-410-060424-009-SG	R2404806-009	79	72	50
WG-TR1045-18A-410-060424-010-JA	R2404806-010	72	65	44
WG-TR1045-18A-410-060424-011-SG	R2404806-011	90	70	46
Method Blank	RQ2406363-03	63	51	40
Method Blank	RQ2406363-03	74	54	40
Lab Control Sample	RQ2406363-04	93	75	51
Duplicate Lab Control Sample	RQ2406363-05	102	79	55

Client: Glenn Springs Holdings, Inc. **Service Request:** R2404806

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: 8270D

Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 22 - 104	Phenol-d6 10 - 55	p-Terphenyl-d14 10 - 143
WG-TR1045-18A-410-060424-001-SG	R2404806-001	83	37	91
WG-TR1045-18A-410-060424-002-JA	R2404806-002	78	35	93
WG-TR1045-18A-410-060424-003-SG	R2404806-003	73	35	102
WG-TR1045-18A-410-060424-004-JA	R2404806-004	75	37	97
WG-TR1045-18A-410-060424-005-SG	R2404806-005	60	27	78
WG-TR1045-18A-410-060424-006-JA	R2404806-006	84	38	94
WG-TR1045-18A-410-060424-007-SG	R2404806-007	79	36	63
WG-TR1045-18A-410-060424-008-JA	R2404806-008	69	35	96
WG-TR1045-18A-410-060424-009-SG	R2404806-009	74	38	100
WG-TR1045-18A-410-060424-010-JA	R2404806-010	66	32	91
WG-TR1045-18A-410-060424-011-SG	R2404806-011	70	33	95
Method Blank	RQ2406363-03	56	29	82
Method Blank	RQ2406363-03	59	30	89
Lab Control Sample	RQ2406363-04	78	39	101
Duplicate Lab Control Sample	RQ2406363-05	80	43	116

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406363-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/10/24 13:46	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/10/24 13:46	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/10/24 13:46	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/10/24 13:46	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/10/24 13:46	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/10/24 13:46	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/10/24 13:46	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/10/24 13:46	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/10/24 13:46	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/10/24 13:46	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/10/24 13:46	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/10/24 13:46	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/10/24 13:46	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/10/24 13:46	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/10/24 13:46	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/10/24 13:46	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/10/24 13:46	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
Anthracene	10 U	10	1.3	1	06/10/24 13:46	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/10/24 13:46	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/10/24 13:46	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/10/24 13:46	6/6/24	
Benzoic Acid	50 U	50	36	1	06/10/24 13:46	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/10/24 13:46	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/10/24 13:46	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/10/24 13:46	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/10/24 13:46	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
Chrysene	10 U	10	1.2	1	06/10/24 13:46	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406363-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/10/24 13:46	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/10/24 13:46	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/10/24 13:46	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/10/24 13:46	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/10/24 13:46	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/10/24 13:46	6/6/24	
Fluorene	10 U	10	1.3	1	06/10/24 13:46	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/10/24 13:46	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/10/24 13:46	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/10/24 13:46	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/10/24 13:46	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/10/24 13:46	6/6/24	
Isophorone	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/10/24 13:46	6/6/24	
Naphthalene	10 U	10	1.2	1	06/10/24 13:46	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/10/24 13:46	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/10/24 13:46	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/10/24 13:46	6/6/24	
Phenol	10 U	10	1.0	1	06/10/24 13:46	6/6/24	
Pyrene	10 U	10	1.5	1	06/10/24 13:46	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	63	31 - 133	06/10/24 13:46	
2-Fluorobiphenyl	51	25 - 99	06/10/24 13:46	
2-Fluorophenol	40	15 - 72	06/10/24 13:46	
Nitrobenzene-d5	56	22 - 104	06/10/24 13:46	
Phenol-d6	29	10 - 55	06/10/24 13:46	
p-Terphenyl-d14	82	10 - 143	06/10/24 13:46	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	1.44	330	J
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	4.50	5.5	JN

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406363-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4-Trichlorobenzene	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
1,2-Dichlorobenzene	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
1,3-Dichlorobenzene	10 U	10	1.1	1	06/13/24 13:36	6/6/24	
1,4-Dichlorobenzene	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
2,4,5-Trichlorophenol	10 U	10	1.1	1	06/13/24 13:36	6/6/24	
2,4,6-Trichlorophenol	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
2,4-Dichlorophenol	10 U	10	1.3	1	06/13/24 13:36	6/6/24	
2,4-Dimethylphenol	10 U	10	4.3	1	06/13/24 13:36	6/6/24	
2,4-Dinitrophenol	50 U	50	20	1	06/13/24 13:36	6/6/24	
2,4-Dinitrotoluene	10 U	10	2.4	1	06/13/24 13:36	6/6/24	
2,6-Dinitrotoluene	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
2-Chloronaphthalene	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
2-Chlorophenol	10 U	10	1.1	1	06/13/24 13:36	6/6/24	
2-Methylnaphthalene	10 U	10	1.3	1	06/13/24 13:36	6/6/24	
2-Methylphenol	10 U	10	1.0	1	06/13/24 13:36	6/6/24	
2-Nitroaniline	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
2-Nitrophenol	10 U	10	1.5	1	06/13/24 13:36	6/6/24	
3,3'-Dichlorobenzidine	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
3- and 4-Methylphenol Coelution	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
3-Nitroaniline	10 U	10	1.1	1	06/13/24 13:36	6/6/24	
4,6-Dinitro-2-methylphenol	50 U	50	8.7	1	06/13/24 13:36	6/6/24	
4-Bromophenyl Phenyl Ether	10 U	10	1.7	1	06/13/24 13:36	6/6/24	
4-Chloro-3-methylphenol	10 U	10	1.1	1	06/13/24 13:36	6/6/24	
4-Chloroaniline	10 U	10	1.0	1	06/13/24 13:36	6/6/24	
4-Chlorophenyl Phenyl Ether	10 U	10	1.5	1	06/13/24 13:36	6/6/24	
4-Nitroaniline	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
4-Nitrophenol	50 U	50	6.4	1	06/13/24 13:36	6/6/24	
Acenaphthene	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
Acenaphthylene	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
Anthracene	10 U	10	1.3	1	06/13/24 13:36	6/6/24	
Benz(a)anthracene	10 U	10	1.6	1	06/13/24 13:36	6/6/24	
Benzo(a)pyrene	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
Benzo(b)fluoranthene	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
Benzo(g,h,i)perylene	10 U	10	2.1	1	06/13/24 13:36	6/6/24	
Benzo(k)fluoranthene	10 U	10	1.3	1	06/13/24 13:36	6/6/24	
Benzoic Acid	50 U	50	36	1	06/13/24 13:36	6/6/24	
Benzyl Alcohol	10 U	10	1.6	1	06/13/24 13:36	6/6/24	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
Bis(2-chloroethoxy)methane	10 U	10	1.9	1	06/13/24 13:36	6/6/24	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	06/13/24 13:36	6/6/24	
Bis(2-ethylhexyl) Phthalate	10 U	10	7.8	1	06/13/24 13:36	6/6/24	
Butyl Benzyl Phthalate	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
Chrysene	10 U	10	1.2	1	06/13/24 13:36	6/6/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406363-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Di-n-butyl Phthalate	10 U	10	1.7	1	06/13/24 13:36	6/6/24	
Di-n-octyl Phthalate	10 U	10	3.3	1	06/13/24 13:36	6/6/24	
Dibenz(a,h)anthracene	10 U	10	1.1	1	06/13/24 13:36	6/6/24	
Dibenzofuran	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
Diethyl Phthalate	10 U	10	1.1	1	06/13/24 13:36	6/6/24	
Dimethyl Phthalate	10 U	10	1.3	1	06/13/24 13:36	6/6/24	
Fluoranthene	10 U	10	1.5	1	06/13/24 13:36	6/6/24	
Fluorene	10 U	10	1.3	1	06/13/24 13:36	6/6/24	
Hexachlorobenzene	10 U	10	1.6	1	06/13/24 13:36	6/6/24	
Hexachlorobutadiene	10 U	10	1.0	1	06/13/24 13:36	6/6/24	
Hexachlorocyclopentadiene	10 U	10	2.2	1	06/13/24 13:36	6/6/24	
Hexachloroethane	10 U	10	1.1	1	06/13/24 13:36	6/6/24	
Indeno(1,2,3-cd)pyrene	10 U	10	1.8	1	06/13/24 13:36	6/6/24	
Isophorone	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
N-Nitrosodi-n-propylamine	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
N-Nitrosodiphenylamine	10 U	10	2.7	1	06/13/24 13:36	6/6/24	
Naphthalene	10 U	10	1.2	1	06/13/24 13:36	6/6/24	
Nitrobenzene	10 U	10	1.5	1	06/13/24 13:36	6/6/24	
Pentachlorophenol (PCP)	50 U	50	9.7	1	06/13/24 13:36	6/6/24	
Phenanthrene	10 U	10	1.4	1	06/13/24 13:36	6/6/24	
Phenol	10 U	10	1.0	1	06/13/24 13:36	6/6/24	
Pyrene	10 U	10	1.5	1	06/13/24 13:36	6/6/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	74	31 - 133	06/13/24 13:36	
2-Fluorobiphenyl	54	25 - 99	06/13/24 13:36	
2-Fluorophenol	40	15 - 72	06/13/24 13:36	
Nitrobenzene-d5	59	22 - 104	06/13/24 13:36	
Phenol-d6	30	10 - 55	06/13/24 13:36	
p-Terphenyl-d14	89	10 - 143	06/13/24 13:36	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2404806
Date Analyzed: 06/10/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406363-04			RQ2406363-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	8270D	48.3	80.0	60	43.5	80.0	54	26-85	11	30
1,2-Dichlorobenzene	8270D	49.7	80.0	62	44.2	80.0	55	20-85	12	30
1,3-Dichlorobenzene	8270D	49.0	80.0	61	42.7	80.0	53	18-83	14	30
1,4-Dichlorobenzene	8270D	48.0	80.0	60	42.9	80.0	54	18-82	11	30
2,4,5-Trichlorophenol	8270D	70.4	80.0	88	79.0	80.0	99	55-114	12	30
2,4,6-Trichlorophenol	8270D	65.8	80.0	82	73.7	80.0	92	49-103	11	30
2,4-Dichlorophenol	8270D	63.5	80.0	79	67.6	80.0	84	43-101	6	30
2,4-Dimethylphenol	8270D	60.8	80.0	76	67.0	80.0	84	45-129	10	30
2,4-Dinitrophenol	8270D	65.1	80.0	81	79.7	80.0	100	14-129	21	30
2,4-Dinitrotoluene	8270D	86.7	80.0	108	101	80.0	126 *	58-124	15	30
2,6-Dinitrotoluene	8270D	82.1	80.0	103	93.6	80.0	117	62-126	13	30
2-Chloronaphthalene	8270D	55.8	80.0	70	52.8	80.0	66	38-97	6	30
2-Chlorophenol	8270D	59.5	80.0	74	61.1	80.0	76	33-93	3	30
2-Methylnaphthalene	8270D	57.4	80.0	72	53.4	80.0	67	35-94	7	30
2-Methylphenol	8270D	60.8	80.0	76	66.6	80.0	83	41-97	9	30
2-Nitroaniline	8270D	74.7	80.0	93	84.2	80.0	105	56-122	12	30
2-Nitrophenol	8270D	66.2	80.0	83	69.9	80.0	87	36-101	5	30
3- and 4-Methylphenol Coelution	8270D	61.8	80.0	77	69.0	80.0	86	40-92	11	30
3-Nitroaniline	8270D	71.7	80.0	90	82.6	80.0	103	52-115	13	30
4,6-Dinitro-2-methylphenol	8270D	77.1	80.0	96	90.6	80.0	113	31-119	16	30
4-Bromophenyl Phenyl Ether	8270D	67.5	80.0	84	72.4	80.0	91	54-123	8	30
4-Chloro-3-methylphenol	8270D	73.9	80.0	92	84.7	80.0	106 *	52-104	14	30
4-Chloroaniline	8270D	65.0	80.0	81	71.1	80.0	89	43-113	9	30
4-Chlorophenyl Phenyl Ether	8270D	58.8	80.0	73	61.1	80.0	76	52-113	4	30
4-Nitroaniline	8270D	69.9	80.0	87	79.1	80.0	99	54-118	13	30
4-Nitrophenol	8270D	30.4 J	80.0	38	35.9 J	80.0	45	16-64	17	30
Acenaphthene	8270D	59.6	80.0	75	58.8	80.0	74	46-103	1	30
Acenaphthylene	8270D	62.9	80.0	79	62.0	80.0	77	51-114	3	30
Anthracene	8270D	77.1	80.0	96	86.1	80.0	108	61-115	12	30
Benz(a)anthracene	8270D	73.5	80.0	92	83.4	80.0	104	60-110	12	30
Benzo(a)pyrene	8270D	77.2	80.0	97	88.4	80.0	110	68-137	13	30
Benzo(b)fluoranthene	8270D	72.8	80.0	91	85.6	80.0	107	59-114	16	30

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2404806
Date Analyzed: 06/10/24

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406363-04			RQ2406363-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270D	68.1	80.0	85	76.1	80.0	95	60-123	11	30
Benzo(k)fluoranthene	8270D	84.2	80.0	105	97.3	80.0	122	62-122	15	30
Benzoic Acid	8270D	50 U	80.0	0 *	36 U	80.0	0 *	10-110	NC	30
Benzyl Alcohol	8270D	62.3	80.0	78	70.6	80.0	88	46-106	12	30
2,2'-Oxybis(1-chloropropane)	8270D	60.8	80.0	76	60.0	80.0	75	32-104	1	30
Bis(2-chloroethoxy)methane	8270D	79.1	80.0	99	85.9	80.0	107	55-126	8	30
Bis(2-chloroethyl) Ether	8270D	67.6	80.0	84	68.5	80.0	86	36-101	2	30
Bis(2-ethylhexyl) Phthalate	8270D	96.8	80.0	121	115	80.0	144 *	51-132	17	30
Butyl Benzyl Phthalate	8270D	88.7	80.0	111	105	80.0	131 *	54-122	17	30
Chrysene	8270D	78.2	80.0	98	86.8	80.0	109	64-116	11	30
Di-n-butyl Phthalate	8270D	89.5	80.0	112	104	80.0	130	61-147	15	30
Di-n-octyl Phthalate	8270D	105	80.0	132	133	80.0	167 *	43-139	23	30
Dibenz(a,h)anthracene	8270D	70.5	80.0	88	79.7	80.0	100	34-140	13	30
Dibenzofuran	8270D	63.0	80.0	79	63.1	80.0	79	50-107	<1	30
Diethyl Phthalate	8270D	81.1	80.0	101	93.7	80.0	117 *	57-113	15	30
Dimethyl Phthalate	8270D	76.7	80.0	96	86.7	80.0	108	64-114	12	30
Fluoranthene	8270D	74.4	80.0	93	84.6	80.0	106	58-129	13	30
Fluorene	8270D	62.3	80.0	78	65.3	80.0	82	54-111	5	30
Hexachlorobenzene	8270D	66.4	80.0	83	75.5	80.0	94	54-122	12	30
Hexachlorobutadiene	8270D	43.1	80.0	54	39.1	80.0	49	25-89	10	30
Hexachlorocyclopentadiene	8270D	41.2	80.0	51	37.0	80.0	46	10-71	10	30
Hexachloroethane	8270D	47.6	80.0	60	41.1	80.0	51	16-81	16	30
Indeno(1,2,3-cd)pyrene	8270D	68.9	80.0	86	77.5	80.0	97	54-119	12	30
Isophorone	8270D	72.4	80.0	91	79.4	80.0	99	51-108	8	30
N-Nitrosodi-n-propylamine	8270D	69.6	80.0	87	74.5	80.0	93	44-101	7	30
N-Nitrosodiphenylamine	8270D	81.5	80.0	102	90.7	80.0	113	65-126	10	30
Naphthalene	8270D	55.9	80.0	70	51.2	80.0	64	32-91	9	30
Nitrobenzene	8270D	60.9	80.0	76	61.1	80.0	76	39-100	<1	30
Pentachlorophenol (PCP)	8270D	54.6	80.0	68	64.4	80.0	81	11-154	17	30
Phenanthrene	8270D	73.5	80.0	92	81.3	80.0	102	60-111	10	30
Phenol	8270D	32.2	80.0	40	37.1	80.0	46	10-67	14	30
Pyrene	8270D	81.8	80.0	102	93.3	80.0	117 *	62-111	14	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:** R2404806

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-TR1045-18A-410-060424-001-SG	R2404806-001	62	73
WG-TR1045-18A-410-060424-002-JA	R2404806-002	43	63
WG-TR1045-18A-410-060424-003-SG	R2404806-003	40	50
WG-TR1045-18A-410-060424-004-JA	R2404806-004	66	61
WG-TR1045-18A-410-060424-005-SG	R2404806-005	47	57
WG-TR1045-18A-410-060424-006-JA	R2404806-006	51	53
WG-TR1045-18A-410-060424-007-SG	R2404806-007	70	51 P
WG-TR1045-18A-410-060424-008-JA	R2404806-008	59	60
WG-TR1045-18A-410-060424-009-SG	R2404806-009	75	67
WG-TR1045-18A-410-060424-010-JA	R2404806-010	70	60
WG-TR1045-18A-410-060424-011-SG	R2404806-011	76	68
Method Blank	RQ2406510-01	41	69
Method Blank	RQ2406510-01	39	64
Lab Control Sample	RQ2406510-02	65	68
Lab Control Sample	RQ2406510-02	68	67
Duplicate Lab Control Sample	RQ2406510-03	66	62
Duplicate Lab Control Sample	RQ2406510-03	66	63

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406510-01	**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	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
4,4'-DDE	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
4,4'-DDT	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Aldrin	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Dieldrin	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan I	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan II	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endosulfan Sulfate	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endrin	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Endrin Ketone	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Heptachlor	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Heptachlor Epoxide	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Methoxychlor	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
Toxaphene	0.50	U	0.50	0.50	1	06/14/24 20:49	6/10/24	
alpha-BHC	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
alpha-Chlordane	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
beta-BHC	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
delta-BHC	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
gamma-BHC (Lindane)	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	
gamma-Chlordane	0.050	U	0.050	0.020	1	06/14/24 20:49	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406510-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	41	10 - 111	06/14/24 20:49	
Tetrachloro-m-xylene	68	10 - 101	06/14/24 20:49	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406510-01	**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	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
4,4'-DDE	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
4,4'-DDT	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Aldrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Dieldrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan I	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan II	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endrin	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Endrin Ketone	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Heptachlor	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Methoxychlor	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
Toxaphene	0.50 U	0.50	0.50	1	06/15/24 00:51	6/10/24	
alpha-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
alpha-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
beta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
delta-BHC	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	
gamma-Chlordane	0.050 U	0.050	0.020	1	06/15/24 00:51	6/10/24	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406510-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 111	06/15/24 00:51	
Tetrachloro-m-xylene	64	10 - 101	06/15/24 00:51	

Client: Glenn Springs Holdings, Inc.
Project: Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring
Sample Matrix: Water

Service Request: R2404806
Date Analyzed: 06/15/24

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2406510-02			RQ2406510-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.389	0.400	97	0.394	0.400	99	38-116	1	30
4,4'-DDE	8081B	0.373	0.400	93	0.366	0.400	92	40-107	2	30
4,4'-DDT	8081B	0.402	0.400	100	0.395	0.400	99	41-121	2	30
Aldrin	8081B	0.279	0.400	70	0.238	0.400	60	27-85	16	30
Dieldrin	8081B	0.396	0.400	99	0.392	0.400	98	45-112	<1	30
Endosulfan I	8081B	0.358	0.400	90	0.359	0.400	90	44-111	<1	30
Endosulfan II	8081B	0.396	0.400	99	0.374	0.400	94	44-114	6	30
Endosulfan Sulfate	8081B	0.401	0.400	100	0.397	0.400	99	38-119	1	30
Endrin	8081B	0.449	0.400	112	0.442	0.400	110	47-116	2	30
Endrin Ketone	8081B	0.403	0.400	101	0.406	0.400	102	44-120	<1	30
Heptachlor	8081B	0.346	0.400	86	0.305	0.400	76	33-99	12	30
Heptachlor Epoxide	8081B	0.403	0.400	101	0.404	0.400	101	46-111	<1	30
Methoxychlor	8081B	0.389	0.400	97	0.453	0.400	113	29-138	15	30
alpha-BHC	8081B	0.380	0.400	95	0.385	0.400	96	39-107	1	30
alpha-Chlordane	8081B	0.376	0.400	94	0.367	0.400	92	44-107	3	30
beta-BHC	8081B	0.389	0.400	97	0.395	0.400	99	47-110	1	30
delta-BHC	8081B	0.401	0.400	100	0.406	0.400	102	43-109	1	30
gamma-BHC (Lindane)	8081B	0.388	0.400	97	0.379	0.400	95	41-105	2	30
gamma-Chlordane	8081B	0.384	0.400	96	0.372	0.400	93	41-107	3	30

Client: Glenn Springs Holdings, Inc. **Service Request:** R2404806

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-TR1045-18A-410-060424-001-SG	R2404806-001	47	69
WG-TR1045-18A-410-060424-002-JA	R2404806-002	39	66
WG-TR1045-18A-410-060424-003-SG	R2404806-003	27	50
WG-TR1045-18A-410-060424-004-JA	R2404806-004	50	59
WG-TR1045-18A-410-060424-005-SG	R2404806-005	36	55
WG-TR1045-18A-410-060424-006-JA	R2404806-006	41	55
WG-TR1045-18A-410-060424-007-SG	R2404806-007	48	52
WG-TR1045-18A-410-060424-008-JA	R2404806-008	46	59
WG-TR1045-18A-410-060424-009-SG	R2404806-009	55	70
WG-TR1045-18A-410-060424-010-JA	R2404806-010	52	59
WG-TR1045-18A-410-060424-011-SG	R2404806-011	59	73
Method Blank	RQ2406510-01	30	69
Method Blank	RQ2406510-01	28	65
Lab Control Sample	RQ2406510-04	52	76
Lab Control Sample	RQ2406510-04	49	73
Duplicate Lab Control Sample	RQ2406510-05	51	64
Duplicate Lab Control Sample	RQ2406510-05	47	65

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
Project:	Love Canal:292-402-D02-3100/11225661 Annual Long Term Monitoring	**Date Analyzed:**	06/12/24 12:53
Sample Matrix:	Water	**Date Extracted:**	06/10/24

Method Blank Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	Method Blank	**Instrument ID:**	R-GC-68
Lab Code:	RQ2406510-01	**File ID:**	I:\ACQUDATA\7890A-GC68\Data\061224\AA0857.D\
Analysis Method:	8082A	**Analysis Lot:**	843952,844453
Prep Method:	EPA 3510C	**Extraction Lot:**	439735

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2406510-04	I:\ACQUDATA\7890A-GC68\Data\061224\AA0858.D\	06/12/24 13:06
Duplicate Lab Control Sample	RQ2406510-05	I:\ACQUDATA\7890A-GC68\Data\061224\AA0859.D\	06/12/24 13:20
WG-TR1045-18A-410-060424-001-SG	R2404806-001	I:\ACQUDATA\7890A-GC68\Data\061224\AA0860.D\	06/12/24 13:33
WG-TR1045-18A-410-060424-002-JA	R2404806-002	I:\ACQUDATA\7890A-GC68\Data\061224\AA0863.D\	06/12/24 14:14
WG-TR1045-18A-410-060424-004-JA	R2404806-004	I:\ACQUDATA\7890A-GC68\Data\061224\AA0865.D\	06/12/24 14:41
WG-TR1045-18A-410-060424-005-SG	R2404806-005	I:\ACQUDATA\7890A-GC68\Data\061224\AA0866.D\	06/12/24 14:55
WG-TR1045-18A-410-060424-006-JA	R2404806-006	I:\ACQUDATA\7890A-GC68\Data\061224\AA0868.D\	06/12/24 15:22
WG-TR1045-18A-410-060424-008-JA	R2404806-008	I:\ACQUDATA\7890A-GC68\Data\061224\AA0870.D\	06/12/24 15:49
WG-TR1045-18A-410-060424-010-JA	R2404806-010	I:\ACQUDATA\7890A-GC68\Data\061224\AA0872.D\	06/12/24 16:16
Lab Control Sample	RQ2406510-04	I:\ACQUDATA\7890A-GC68\Data\061424\AA0945.D\	06/14/24 19:58
Duplicate Lab Control Sample	RQ2406510-05	I:\ACQUDATA\7890A-GC68\Data\061424\AA0946.D\	06/14/24 20:12
WG-TR1045-18A-410-060424-003-SG	R2404806-003	I:\ACQUDATA\7890A-GC68\Data\061424\AA0947.D\	06/14/24 20:26
WG-TR1045-18A-410-060424-007-SG	R2404806-007	I:\ACQUDATA\7890A-GC68\Data\061424\AA0948.D\	06/14/24 20:39
WG-TR1045-18A-410-060424-009-SG	R2404806-009	I:\ACQUDATA\7890A-GC68\Data\061424\AA0949.D\	06/14/24 20:53
WG-TR1045-18A-410-060424-011-SG	R2404806-011	I:\ACQUDATA\7890A-GC68\Data\061424\AA0950.D\	06/14/24 21:06

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406510-01	**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	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/12/24 12:53	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/12/24 12:53	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	30	10 - 118	06/12/24 12:53	
Tetrachloro-m-xylene	64	10 - 103	06/12/24 12:53	

Analytical Report

Client:	Glenn Springs Holdings, Inc.	**Service Request:**	R2404806
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:	RQ2406510-01	**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	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1221	2.0 U	2.0	1.0	1	06/14/24 19:45	6/10/24	
Aroclor 1232	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1242	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1248	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1254	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	
Aroclor 1260	1.0 U	1.0	0.50	1	06/14/24 19:45	6/10/24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	28	10 - 118	06/14/24 19:45	
Tetrachloro-m-xylene	65	10 - 103	06/14/24 19:45	

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: R2404806
Date Analyzed: 06/14/24

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample RQ2406510-04			Duplicate Lab Control Sample RQ2406510-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	3.89	4.00	97	3.75	4.00	94	35-131	4	30
Aroclor 1260	8082A	3.52	4.00	88	3.33	4.00	83	37-141	5	30

Appendix F
Data Validation Memorandum

Data Validation Report

August 15, 2024

To	Joe Branch [joseph_branch@oxy.com]	**Contact No.**	561.688.9008
Copy to	Dennis Hoyt [DHoyt@Geosyntec.com], Christa Bucior [Christa.Bucior@Geosyntec.com]	**Email**	Marisa.oriaku@ghd.com
From	Marisa Oriaku/cs/21-NF	**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 2024		

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 2024. 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", USEPA 540 R 20 005, November 2020.

Item 2 will subsequently be referred to as the "Guidelines" in this report.

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.

Most samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C). Some samples were received with minor temperature exceedances. The samples were judged acceptable without qualification as temperature exceedances were minimal, ice was present in the cooler, and the samples were promptly refrigerated upon receipt.

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. Analysis of the tuning compound must then be repeated every 12 hours throughout sample analysis to ensure the continued optimization of the instrument.

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 (R2) 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 1 per 20 investigative samples and/or 1 per analytical batch.

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 above the laboratory control limits. All associated non-detect sample results were not qualified, and all associated positive sample results were qualified as estimated to reflect the potential high 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:

1. A slightly low LCS recovery was noted for chloromethane. All associated sample results were non-detect and were qualified as estimated.
2. Low LCS/LCSD recoveries were observed for 2,4-dimethylphenol. Due to the poor analytical efficiency, the associated non-detect sample results were rejected, and the positive sample result was qualified as estimated with a low bias (see Table 6).

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 a zero MSD recovery for chrysene. The associated sample result was non-detect and was rejected due to poor analytical efficiency (see Table 7).

11. Field QA/QC Samples

The field QA/QC consisted of three trip blank samples and three field duplicate sample sets.

11.1 Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, three 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.

All field duplicate results met the above criteria, demonstrating acceptable sampling and analytical precision.

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 (<40 percent difference).

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,



Marisa Oriaku
Data Intelligence - Data Management – Data Validator

Table 1

Sample Collection and Analysis Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

					Analysis/Parameters				
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**	**SVOCs**	**Pesticides**	**PCBs**	**Comments**
WG-TR1045-18A-410-060424-002-JA	7115	Groundwater	06/04/2024	10:35	X	X	X	X	
WG-TR1045-18A-410-060424-001-SG	7125	Groundwater	06/04/2024	10:05	X	X	X	X	
WG-TR1045-18A-410-060424-004-JA	7130	Groundwater	06/04/2024	12:10	X	X	X	X	
WG-TR1045-18A-410-060424-005-SG	7132	Groundwater	06/04/2024	12:20	X	X	X	X	
WG-TR1045-18A-410-060424-003-SG	7205	Groundwater	06/04/2024	11:20	X	X	X	X	
WG-TR1045-18A-410-060424-006-JA	8115	Groundwater	06/04/2024	13:30	X	X	X	X	
WG-TR1045-18A-410-060424-008-JA	10178A	Groundwater	06/04/2024	15:00	X	X	X	X	
WG-TR1045-18A-410-060424-010-JA	10178B	Groundwater	06/04/2024	16:00	X	X	X	X	
WG-TR1045-18A-410-060424-009-SG	10272	Groundwater	06/04/2024	15:30	X	X	X	X	
WG-TR1045-18A-410-060424-011-SG	10272	Groundwater	06/04/2024	15:30	X	X	X	X	FD (WG-TR1045-18A-410-060424-009-SG)
WG-TR1045-18A-410-060424-007-SG	10278	Groundwater	06/04/2024	14:10	X	X	X	X	
Trip Blank	--	Water	06/04/2024	--	X				Trip Blank
WG-TR1045-18A-410-060624-029-SG	6209	Groundwater	06/06/2024	13:00	X	X	X	X	
WG-TR1045-18A-410-060624-026-JA	9118	Groundwater	06/06/2024	13:50	X	X	X	X	
WG-TR1045-18A-410-060624-028-JA	9118	Groundwater	06/06/2024	13:50	X	X	X	X	FD (WG-TR1045-18A-410-060624-026-JA)
WG-TR1045-18A-410-060624-018-JA	9210	Groundwater	06/06/2024	09:30	X	X	X	X	
WG-TR1045-18A-410-060624-025-SG	10205	Groundwater	06/06/2024	08:55	X	X	X	X	
WG-TR1045-18A-410-060624-022-SG	10210A	Groundwater	06/06/2024	10:20	X	X	X	X	
WG-TR1045-18A-410-060624-027-SG	10210B	Groundwater	06/06/2024	11:40	X	X	X	X	
WG-TR1045-18A-410-060624-020-JA	10210C	Groundwater	06/06/2024	10:20	X	X	X	X	
WG-TR1045-18A-410-060624-024-JA	10215	Groundwater	06/06/2024	12:15	X	X	X	X	
WG-TR1045-18A-410-060524-015-SG	3257	Groundwater	06/05/2024	10:35	X	X	X	X	
WG-TR1045-18A-410-060524-019-SG	5221	Groundwater	06/05/2024	13:10	X	X	X	X	MS/MSD
WG-TR1045-18A-410-060524-014-JA	8106	Groundwater	06/05/2024	11:35	X	X	X	X	
WG-TR1045-18A-410-060524-013-SG	8210	Groundwater	06/05/2024	09:20	X	X	X	X	
WG-TR1045-18A-410-060524-012-JA	9205	Groundwater	06/05/2024	10:05	X	X	X	X	
WG-TR1045-18A-410-060524-021-SG	10270	Groundwater	06/05/2024	14:50	X	X	X	X	
WG-TR1045-18A-410-060524-023-SG	10270	Groundwater	06/05/2024	14:50	X	X	X	X	FD (WG-TR1045-18A-410-060524-021-SG)

Table 1

Sample Collection and Analysis Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

					Analysis/Parameters				
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**	**SVOCs**	**Pesticides**	**PCBs**	**Comments**
WG-TR1045-18A-410-060524-016-JA	MW-01	Groundwater	06/05/2024	14:45	X	X	X	X	
WG-TR1045-18A-410-060524-017-SG	MW-02	Groundwater	06/05/2024	11:45	X	X	X	X	
Trip Blank	--	Water	06/05/2024	--	X				Trip Blank
WG-TR1045-18A-410-060724-030-JA	8125	Groundwater	06/07/2024	10:20	X	X	X	X	MS/MSD
WG-TR1045-18A-410-060724-032-JA	9105	Groundwater	06/07/2024	11:45	X	X	X	X	
WG-TR1045-18A-410-060724-034-JA	9113	Groundwater	06/07/2024	13:15	X	X	X	X	
WG-TR1045-18A-410-060724-036-SG	10135	Groundwater	06/07/2024	12:45	X	X	X	X	
WG-TR1045-18A-410-060724-031-SG	10225A	Groundwater	06/07/2024	09:20	X	X	X	X	
WG-TR1045-18A-410-060724-033-SG	10225B	Groundwater	06/07/2024	10:35	X	X	X	X	
WG-TR1045-18A-410-060724-035-SG	10225C	Groundwater	06/07/2024	10:35	X	X	X	X	
Trip Blank	--	Water	06/07/2024	--	X				Trip Blank

Notes:

VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
PCBs - Polychlorinated Biphenyls
MS/MSD - Matrix Spike/Matrix Spike Duplicate
\- - Not applicable
FD - Field duplicate of sample in parenthesis

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	3257	5221	6209	7115	7125	7130
	Sample Name:	WG-TR1045-18A-410-060524-015-SG	WG-TR1045-18A-410-060524-019-SG	WG-TR1045-18A-410-060624-029-SG	WG-TR1045-18A-410-060424-002-JA	WG-TR1045-18A-410-060424-001-SG	WG-TR1045-18A-410-060424-004-JA
	Sample Date:	06/05/2024	06/05/2024	06/06/2024	06/04/2024	06/04/2024	06/04/2024
Parameters	**Unit**						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Vinyl chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	3257	5221	6209	7115	7125	7130
	Sample Name:	WG-TR1045-18A-410-060524-015-SG	WG-TR1045-18A-410-060524-019-SG	WG-TR1045-18A-410-060624-029-SG	WG-TR1045-18A-410-060424-002-JA	WG-TR1045-18A-410-060424-001-SG	WG-TR1045-18A-410-060424-004-JA
	Sample Date:	06/05/2024	06/05/2024	06/06/2024	06/04/2024	06/04/2024	06/04/2024
Parameters	**Unit**						
Volatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
1-Chloro-3-methylbenzene A	µg/L	--	--	--	--	--	--
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--
2-Methylbutane A	µg/L	--	--	--	--	--	--
Dimethyl disulfide A	µg/L	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--
Methylthioethane A	µg/L	--	--	--	--	--	--
Sulfur dioxide (SO2) A	µg/L	--	--	--	--	--	--
Unknown A	µg/L	20.8 J	13.2 J	6.5 J	5.2 J	--	5.0 J
Unknown B	µg/L	--	--	--	--	--	--
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3&4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	µg/L	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	3257	5221	6209	7115	7125	7130
	Sample Name:	WG-TR1045-18A-410-060524-015-SG	WG-TR1045-18A-410-060524-019-SG	WG-TR1045-18A-410-060624-029-SG	WG-TR1045-18A-410-060424-002-JA	WG-TR1045-18A-410-060424-001-SG	WG-TR1045-18A-410-060424-004-JA
	Sample Date:	06/05/2024	06/05/2024	06/06/2024	06/04/2024	06/04/2024	06/04/2024
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl alcohol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Butyl benzylphthalate (BBP)	µg/L	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	µg/L	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Di-n-octyl phthalate (DnOP)	µg/L	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	3257	5221	6209	7115	7125	7130
	Sample Name:	WG-TR1045-18A-410-060524-015-SG	WG-TR1045-18A-410-060524-019-SG	WG-TR1045-18A-410-060624-029-SG	WG-TR1045-18A-410-060424-002-JA	WG-TR1045-18A-410-060424-001-SG	WG-TR1045-18A-410-060424-004-JA
	Sample Date:	06/05/2024	06/05/2024	06/06/2024	06/04/2024	06/04/2024	06/04/2024
Parameters	**Unit**						
Semivolatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
2,3-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2,6-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2-(2-Ethoxyethoxy)-ethanol A	µg/L	--	--	--	5.2 JN	4.8 JN	--
2-Chlorobenzenemethanol A	µg/L	--	--	--	--	--	--
2-Chlorotoluene	µg/L	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	µg/L	--	--	--	--	--	--
3,4-Dichlorotoluene A	µg/L	--	--	--	--	--	--
4-Benzoyl-(rel)-benzoic acid A	µg/L	--	--	--	--	--	--
4-Chlorobenzoic acid A	µg/L	--	--	--	--	--	--
Benzeneacetic acid A	µg/L	--	--	--	--	--	--
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl A	µg/L	--	--	--	--	--	--
Cyclohexane A	µg/L	--	--	--	--	--	--
Cyclohexanol A	µg/L	--	--	--	--	--	--
p-(tert-amyl)phenol A	µg/L	--	--	--	--	--	--
Sulfur A	µg/L	--	--	--	--	--	--
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--
Unknown A	µg/L	--	--	--	460 J	440 J	460 J
Unknown B	µg/L	--	--	--	--	--	--
Unknown C	µg/L	--	--	--	--	--	--
Unknown D	µg/L	--	--	--	--	--	--
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.96 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	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	0.98 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	3257	5221	6209	7115	7125	7130
	Sample Name:	WG-TR1045-18A-410-060524-015-SG	WG-TR1045-18A-410-060524-019-SG	WG-TR1045-18A-410-060624-029-SG	WG-TR1045-18A-410-060424-002-JA	WG-TR1045-18A-410-060424-001-SG	WG-TR1045-18A-410-060424-004-JA
	Sample Date:	06/05/2024	06/05/2024	06/06/2024	06/04/2024	06/04/2024	06/04/2024
Parameters	**Unit**						
Pesticides							
4,4'-DDD	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
4,4'-DDE	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
4,4'-DDT	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
beta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
delta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Dieldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Endosulfan II	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Endosulfan sulfate	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Endrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Endrin ketone	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
gamma-BHC (lindane)	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 U	0.049 U
Methoxychlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.048 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

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Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	**7132**	**7205**	**8106**	**8115**	**8125**	**8210**
	Sample Name:	**WG-TR1045-18A-410-060424-005-SG**	**WG-TR1045-18A-410-060424-003-SG**	**WG-TR1045-18A-410-060524-014-JA**	**WG-TR1045-18A-410-060424-006-JA**	**WG-TR1045-18A-410-060724-030-JA**	**WG-TR1045-18A-410-060524-013-SG**
	Sample Date:	**06/04/2024**	**06/04/2024**	**06/05/2024**	**06/04/2024**	**06/07/2024**	**06/05/2024**
Parameters	**Unit**						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 UJ	10 UJ	10 U	10 U	10 UJ
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ
cis-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	0.30 J	5.0 U
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	µg/L	10 UJ	10 U	10 U	10 UJ	10 U	10 U
Vinyl chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	7132	7205	8106	8115	8125	8210
	Sample Name:	WG-TR1045-18A-410-060424-005-SG	WG-TR1045-18A-410-060424-003-SG	WG-TR1045-18A-410-060524-014-JA	WG-TR1045-18A-410-060424-006-JA	WG-TR1045-18A-410-060724-030-JA	WG-TR1045-18A-410-060524-013-SG
	Sample Date:	06/04/2024	06/04/2024	06/05/2024	06/04/2024	06/07/2024	06/05/2024
Parameters	**Unit**						
Volatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
1-Chloro-3-methylbenzene A	µg/L	--	--	--	--	--	--
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--
2-Methylbutane A	µg/L	--	--	--	--	--	--
Dimethyl disulfide A	µg/L	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--
Methylthioethane A	µg/L	--	--	--	--	--	--
Sulfur dioxide (SO2) A	µg/L	--	9.6 JN	--	--	--	--
Unknown A	µg/L	--	19.0 J	25.4 J	--	--	19.4 J
Unknown B	µg/L	--	--	--	--	--	--
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	9.8 U	10 U	R	10 U
2,4-Dinitrophenol	µg/L	50 U	50 U	49 U	50 U	50 U	50 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
2-Nitrophenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
3&4-Methylphenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	µg/L	50 UJ	50 UJ	49 U	50 UJ	50 U	50 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	9.8 UJ	10 U	10 U	10 UJ

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	7132	7205	8106	8115	8125	8210
	Sample Name:	WG-TR1045-18A-410-060424-005-SG	WG-TR1045-18A-410-060424-003-SG	WG-TR1045-18A-410-060524-014-JA	WG-TR1045-18A-410-060424-006-JA	WG-TR1045-18A-410-060724-030-JA	WG-TR1045-18A-410-060524-013-SG
	Sample Date:	06/04/2024	06/04/2024	06/05/2024	06/04/2024	06/07/2024	06/05/2024
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
4-Nitrophenol	µg/L	50 U	50 U	49 U	50 U	50 U	50 U
Acenaphthene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	49 U	50 U	50 U	50 U
Benzyl alcohol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	10 UJ	10 UJ	9.8 U	10 UJ	10 U	10 U
Butyl benzylphthalate (BBP)	µg/L	10 UJ	10 UJ	9.8 U	10 UJ	10 U	10 U
Chrysene	µg/L	10 U	10 U	9.8 U	10 U	R	10 U
Di-n-butylphthalate (DBP)	µg/L	10 UJ	10 UJ	9.8 U	10 UJ	10 U	10 U
Di-n-octyl phthalate (DnOP)	µg/L	10 UJ	10 UJ	9.8 U	10 UJ	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	50 U	50 U	49 U	50 U	50 U	50 U
Phenanthrene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	9.8 U	10 U	10 U	10 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	7132	7205	8106	8115	8125	8210
	Sample Name:	WG-TR1045-18A-410-060424-005-SG	WG-TR1045-18A-410-060424-003-SG	WG-TR1045-18A-410-060524-014-JA	WG-TR1045-18A-410-060424-006-JA	WG-TR1045-18A-410-060724-030-JA	WG-TR1045-18A-410-060524-013-SG
	Sample Date:	06/04/2024	06/04/2024	06/05/2024	06/04/2024	06/07/2024	06/05/2024
Parameters	**Unit**						
Semivolatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	4.3 JN	--
2,3-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2,6-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2-(2-Ethoxyethoxy)-ethanol A	µg/L	--	4.6 JN	--	5.3 JN	--	--
2-Chlorobenzenemethanol A	µg/L	--	--	--	--	--	--
2-Chlorotoluene	µg/L	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	µg/L	--	--	--	--	--	--
3,4-Dichlorotoluene A	µg/L	--	--	--	--	--	--
4-Benzoyl-(rel)-benzoic acid A	µg/L	--	--	--	--	--	--
4-Chlorobenzoic acid A	µg/L	--	--	--	--	--	--
Benzeneacetic acid A	µg/L	--	--	--	--	--	--
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl A	µg/L	--	--	--	--	--	--
Cyclohexane A	µg/L	--	--	--	--	15 JN	--
Cyclohexanol A	µg/L	--	--	--	--	--	--
p-(tert-amyl)phenol A	µg/L	--	--	--	--	--	--
Sulfur A	µg/L	--	21 JN	--	--	--	--
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--
Unknown A	µg/L	340 J	440 J	--	470 J	420 J	--
Unknown B	µg/L	--	--	--	11 J	--	--
Unknown C	µg/L	--	--	--	5.7 J	--	--
Unknown D	µg/L	--	--	--	--	--	--
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 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	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	7132	7205	8106	8115	8125	8210
	Sample Name:	WG-TR1045-18A-410-060424-005-SG	WG-TR1045-18A-410-060424-003-SG	WG-TR1045-18A-410-060524-014-JA	WG-TR1045-18A-410-060424-006-JA	WG-TR1045-18A-410-060724-030-JA	WG-TR1045-18A-410-060524-013-SG
	Sample Date:	06/04/2024	06/04/2024	06/05/2024	06/04/2024	06/07/2024	06/05/2024
Parameters	**Unit**						
Pesticides							
4,4'-DDD	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
4,4'-DDE	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
4,4'-DDT	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
beta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
delta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Dieldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Endosulfan II	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Endosulfan sulfate	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Endrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Endrin ketone	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
gamma-BHC (lindane)	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.049 U
Methoxychlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 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 2024

	Location ID:	**9105**	**9113**	**9118**	**9118**	**9205**	**9210**
	Sample Name:	**WG-TR1045-18A-410-060724-032-JA**	**WG-TR1045-18A-410-060724-034-JA**	**WG-TR1045-18A-410-060624-026-JA**	**WG-TR1045-18A-410-060624-028-JA**	**WG-TR1045-18A-410-060524-012-JA**	**WG-TR1045-18A-410-060624-018-JA**
	Sample Date:	**06/07/2024**	**06/07/2024**	**06/06/2024**	**06/06/2024**	**06/05/2024**	**06/06/2024**
					Duplicate		
Parameters	**Unit**						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
cis-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	5.0 U	0.39 J	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	9105	9113	9118	9118	9205	9210
	Sample Name:	WG-TR1045-18A-410-060724-032-JA	WG-TR1045-18A-410-060724-034-JA	WG-TR1045-18A-410-060624-026-JA	WG-TR1045-18A-410-060624-028-JA	WG-TR1045-18A-410-060524-012-JA	WG-TR1045-18A-410-060624-018-JA
	Sample Date:	06/07/2024	06/07/2024	06/06/2024	06/06/2024 Duplicate	06/05/2024	06/06/2024
Parameters	**Unit**						
Volatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
1-Chloro-3-methylbenzene A	µg/L	--	--	--	--	--	--
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--
2-Methylbutane A	µg/L	--	--	--	--	--	--
Dimethyl disulfide A	µg/L	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--
Methylthioethane A	µg/L	--	--	--	--	--	--
Sulfur dioxide (SO2) A	µg/L	--	--	--	--	--	--
Unknown A	µg/L	33.2 J	--	31.5 J	33.9 J	15.0 J	18.8 J
Unknown B	µg/L	28.4 J	--	--	--	--	--
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	R	R	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3&4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	9105	9113	9118	9118	9205	9210
	Sample Name:	WG-TR1045-18A-410-060724-032-JA	WG-TR1045-18A-410-060724-034-JA	WG-TR1045-18A-410-060624-026-JA	WG-TR1045-18A-410-060624-028-JA	WG-TR1045-18A-410-060524-012-JA	WG-TR1045-18A-410-060624-018-JA
	Sample Date:	06/07/2024	06/07/2024	06/06/2024	06/06/2024 Duplicate	06/05/2024	06/06/2024
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl alcohol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	9105	9113	9118	9118	9205	9210
	Sample Name:	WG-TR1045-18A-410-060724-032-JA	WG-TR1045-18A-410-060724-034-JA	WG-TR1045-18A-410-060624-026-JA	WG-TR1045-18A-410-060624-028-JA	WG-TR1045-18A-410-060524-012-JA	WG-TR1045-18A-410-060624-018-JA
	Sample Date:	06/07/2024	06/07/2024	06/06/2024	06/06/2024 Duplicate	06/05/2024	06/06/2024
Parameters	**Unit**						
Semivolatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
2,3-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2,6-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2-(2-Ethoxyethoxy)-ethanol A	µg/L	--	--	--	--	--	--
2-Chlorobenzenemethanol A	µg/L	--	--	--	--	--	--
2-Chlorotoluene	µg/L	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	µg/L	--	--	--	--	--	--
3,4-Dichlorotoluene A	µg/L	--	--	--	--	--	--
4-Benzoyl-(rel)-benzoic acid A	µg/L	--	--	--	--	--	--
4-Chlorobenzoic acid A	µg/L	--	--	--	--	--	--
Benzeneacetic acid A	µg/L	--	--	--	--	--	--
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl A	µg/L	--	--	--	--	--	--
Cyclohexane A	µg/L	16 JN	13 JN	--	--	--	--
Cyclohexanol A	µg/L	--	--	--	--	--	--
p-(tert-amyl)phenol A	µg/L	--	--	--	--	--	--
Sulfur A	µg/L	--	--	--	--	--	--
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--
Unknown A	µg/L	400 J	320 J	--	--	--	--
Unknown B	µg/L	--	--	--	--	--	--
Unknown C	µg/L	--	--	--	--	--	--
Unknown D	µg/L	--	--	--	--	--	--
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	9105	9113	9118	9118	9205	9210
	Sample Name:	WG-TR1045-18A-410-060724-032-JA	WG-TR1045-18A-410-060724-034-JA	WG-TR1045-18A-410-060624-026-JA	WG-TR1045-18A-410-060624-028-JA	WG-TR1045-18A-410-060524-012-JA	WG-TR1045-18A-410-060624-018-JA
	Sample Date:	06/07/2024	06/07/2024	06/06/2024	06/06/2024 Duplicate	06/05/2024	06/06/2024
Parameters	**Unit**						
Pesticides							
4,4'-DDD	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDE	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDT	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin ketone	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-BHC (lindane)	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 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 2024

	Location ID:	10135	10178A	10178B	10205	10210A	10210B
	Sample Name:	WG-TR1045-18A-410-060724-036-SG	WG-TR1045-18A-410-060424-008-JA	WG-TR1045-18A-410-060424-010-JA	WG-TR1045-18A-410-060624-025-SG	WG-TR1045-18A-410-060624-022-SG	WG-TR1045-18A-410-060624-027-SG
	Sample Date:	06/07/2024	06/04/2024	06/04/2024	06/06/2024	06/06/2024	06/06/2024
Parameters	**Unit**						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	2000 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	2000 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	2000 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	2000 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Benzene	µg/L	6800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	1000 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Carbon disulfide	µg/L	2000 U	10 U	10 U	1.2 J	160	10 U
Carbon tetrachloride	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	2500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	1000 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
cis-1,2-Dichloroethene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	23000	5.0 U	5.0 U	5.0 U	0.29 J	5.0 U
trans-1,2-Dichloroethene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	µg/L	2000 U	10 UJ	10 UJ	10 U	10 U	10 U
Vinyl chloride	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	1000 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10135	10178A	10178B	10205	10210A	10210B
	Sample Name:	WG-TR1045-18A-410-060724-036-SG	WG-TR1045-18A-410-060424-008-JA	WG-TR1045-18A-410-060424-010-JA	WG-TR1045-18A-410-060624-025-SG	WG-TR1045-18A-410-060624-022-SG	WG-TR1045-18A-410-060624-027-SG
	Sample Date:	06/07/2024	06/04/2024	06/04/2024	06/06/2024	06/06/2024	06/06/2024
Parameters	**Unit**						
Volatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	8150.0 JN	--	--	--	--	--
1-Chloro-3-methylbenzene A	µg/L	4062.0 JN	--	--	--	--	--
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	16.3 JN	104.9 JN
2-Methylbutane A	µg/L	--	--	--	--	--	--
Dimethyl disulfide A	µg/L	--	--	--	--	30.5 JN	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	93.3 JN	--
Methylthioethane A	µg/L	--	--	--	--	26.5 JN	--
Sulfur dioxide (SO2) A	µg/L	--	--	--	5.4 JN	5.9 JN	--
Unknown A	µg/L	1048.0 J	5.5 J	--	18.4 J	11.2 J	17.0 J
Unknown B	µg/L	--	--	--	--	12.7 J	--
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	19	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	22	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	4.2 J	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	60	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	3.8 J	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	4.5 J-	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	11	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	23	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3&4-Methylphenol	µg/L	78	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	µg/L	50 U	50 UJ	50 UJ	50 U	50 U	50 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	19	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10135	10178A	10178B	10205	10210A	10210B
	Sample Name:	WG-TR1045-18A-410-060724-036-SG	WG-TR1045-18A-410-060424-008-JA	WG-TR1045-18A-410-060424-010-JA	WG-TR1045-18A-410-060624-025-SG	WG-TR1045-18A-410-060624-022-SG	WG-TR1045-18A-410-060624-027-SG
	Sample Date:	06/07/2024	06/04/2024	06/04/2024	06/06/2024	06/06/2024	06/06/2024
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	200	50 U	50 U	50 U	50 U	50 U
Benzyl alcohol	µg/L	7.6 J	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	20	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	µg/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	µg/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	µg/L	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	2.3 J	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	37	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10135	10178A	10178B	10205	10210A	10210B
	Sample Name:	WG-TR1045-18A-410-060724-036-SG	WG-TR1045-18A-410-060424-008-JA	WG-TR1045-18A-410-060424-010-JA	WG-TR1045-18A-410-060624-025-SG	WG-TR1045-18A-410-060624-022-SG	WG-TR1045-18A-410-060624-027-SG
	Sample Date:	06/07/2024	06/04/2024	06/04/2024	06/06/2024	06/06/2024	06/06/2024
Parameters	**Unit**						
Semivolatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
2,3-Dichlorotoluene A	µg/L	110 JN	--	--	--	--	--
2,6-Dichlorotoluene A	µg/L	120 JN	--	--	--	--	--
2-(2-Ethoxyethoxy)-ethanol A	µg/L	--	--	4.2 JN	--	--	--
2-Chlorobenzenemethanol A	µg/L	310 JN	--	--	--	--	--
2-Chlorotoluene	µg/L	1300 JN	--	--	--	--	--
2-Ethyl-ethanoic acid A	µg/L	26 JN	--	--	--	--	--
3,4-Dichlorotoluene A	µg/L	70 JN	--	--	--	--	--
4-Benzoyl-(rel)-benzoic acid A	µg/L	700 JN	--	--	--	--	--
4-Chlorobenzoic acid A	µg/L	470 JN	--	--	--	--	--
Benzeneacetic acid A	µg/L	51 JN	--	--	--	--	--
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl A	µg/L	34 JN	--	--	--	--	--
Cyclohexane A	µg/L	--	--	--	--	--	--
Cyclohexanol A	µg/L	110 JN	--	--	--	--	--
p-(tert-amyl)phenol A	µg/L	--	--	--	--	--	--
Sulfur A	µg/L	--	--	--	--	--	--
Tetrahydro-2-methyl-furan A	µg/L	27 JN	--	--	--	--	--
Unknown A	µg/L	170 J	400 J	380 J	--	--	--
Unknown B	µg/L	35 J	--	--	--	--	--
Unknown C	µg/L	36 J	--	--	--	--	--
Unknown D	µg/L	45 J	--	--	--	--	--
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10135	10178A	10178B	10205	10210A	10210B
	Sample Name:	WG-TR1045-18A-410-060724-036-SG	WG-TR1045-18A-410-060424-008-JA	WG-TR1045-18A-410-060424-010-JA	WG-TR1045-18A-410-060624-025-SG	WG-TR1045-18A-410-060624-022-SG	WG-TR1045-18A-410-060624-027-SG
	Sample Date:	06/07/2024	06/04/2024	06/04/2024	06/06/2024	06/06/2024	06/06/2024
Parameters	**Unit**						
Pesticides							
4,4'-DDD	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDE	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDT	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aldrin	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	6.4 J+	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	µg/L	1.5 J+	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	5.0 J+	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan I	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin ketone	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-BHC (lindane)	µg/L	0.69 J+	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.20 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Toxaphene	µg/L	2.0 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 2024

	Location ID:	**10210C**	**10215**	**10225A**	**10225B**	**10225C**	**10270**
	Sample Name:	**WG-TR1045-18A-410-060624-020-JA**	**WG-TR1045-18A-410-060624-024-JA**	**WG-TR1045-18A-410-060724-031-SG**	**WG-TR1045-18A-410-060724-033-SG**	**WG-TR1045-18A-410-060724-035-SG**	**WG-TR1045-18A-410-060524-021-SG**
	Sample Date:	**06/06/2024**	**06/06/2024**	**06/07/2024**	**06/07/2024**	**06/07/2024**	**06/05/2024**
Parameters	**Unit**						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	0.54 J	10 U	10 U
Acetone	µg/L	10 UJ	10 UJ	10 U	10 U	10 U	10 UJ
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Carbon disulfide	µg/L	10 U	10 U	150	2.5 J	10 U	10 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	0.42 J	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
cis-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	3.0 J	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	0.20 J	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	5.0 U	5.0 U	0.56 J	1.0 J	0.34 J	5.0 U
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	0.61 J	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	0.49 J	5.0 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	0.30 J	5.0 U	5.0 U	5.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10210C	10215	10225A	10225B	10225C	10270
	Sample Name:	WG-TR1045-18A-410-060624-020-JA	WG-TR1045-18A-410-060624-024-JA	WG-TR1045-18A-410-060724-031-SG	WG-TR1045-18A-410-060724-033-SG	WG-TR1045-18A-410-060724-035-SG	WG-TR1045-18A-410-060524-021-SG
	Sample Date:	06/06/2024	06/06/2024	06/07/2024	06/07/2024	06/07/2024	06/05/2024
Parameters	**Unit**						
Volatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
1-Chloro-3-methylbenzene A	µg/L	--	--	--	--	--	--
2-Ethyl-1-hexanol A	µg/L	--	--	--	217.6 JN	--	--
2-Methylbutane A	µg/L	--	--	--	--	15.6 JN	--
Dimethyl disulfide A	µg/L	--	--	49.2 JN	--	--	--
Dimethyl sulfide A	µg/L	--	--	389.0 JN	--	--	--
Dimethyl trisulfide A	µg/L	--	--	7.4 JN	--	--	--
Isobutane A	µg/L	--	--	--	--	40.6 JN	--
Methanethiol A	µg/L	--	--	114.3 JN	--	--	--
Methylthioethane A	µg/L	--	--	36.6 JN	--	--	--
Sulfur dioxide (SO2) A	µg/L	--	--	10.0 JN	5.3 JN	--	--
Unknown A	µg/L	17.0 J	17.7 J	14.2 J	14.0 J	15.7 J	16.4 J
Unknown B	µg/L	--	--	11.8 J	--	--	--
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	R	R	R	10 U
2,4-Dinitrophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3&4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 UJ	10 UJ	10 U	10 U	10 U	10 UJ

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10210C	10215	10225A	10225B	10225C	10270
	Sample Name:	WG-TR1045-18A-410-060624-020-JA	WG-TR1045-18A-410-060624-024-JA	WG-TR1045-18A-410-060724-031-SG	WG-TR1045-18A-410-060724-033-SG	WG-TR1045-18A-410-060724-035-SG	WG-TR1045-18A-410-060524-021-SG
	Sample Date:	06/06/2024	06/06/2024	06/07/2024	06/07/2024	06/07/2024	06/05/2024
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl alcohol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate (BBP)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate (DnOP)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	2.3 J	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10210C	10215	10225A	10225B	10225C	10270
	Sample Name:	WG-TR1045-18A-410-060624-020-JA	WG-TR1045-18A-410-060624-024-JA	WG-TR1045-18A-410-060724-031-SG	WG-TR1045-18A-410-060724-033-SG	WG-TR1045-18A-410-060724-035-SG	WG-TR1045-18A-410-060524-021-SG
	Sample Date:	06/06/2024	06/06/2024	06/07/2024	06/07/2024	06/07/2024	06/05/2024
Parameters	**Unit**						
Semivolatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
2,3-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2,6-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2-(2-Ethoxyethoxy)-ethanol A	µg/L	--	--	--	--	--	--
2-Chlorobenzenemethanol A	µg/L	--	--	--	--	--	--
2-Chlorotoluene	µg/L	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	µg/L	--	--	--	--	--	--
3,4-Dichlorotoluene A	µg/L	--	--	--	--	--	--
4-Benzoyl-(rel)-benzoic acid A	µg/L	--	--	--	--	--	--
4-Chlorobenzoic acid A	µg/L	--	--	--	--	--	--
Benzeneacetic acid A	µg/L	--	--	--	--	--	--
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl A	µg/L	--	--	--	--	--	--
Cyclohexane A	µg/L	--	--	13 JN	16 JN	18 JN	--
Cyclohexanol A	µg/L	--	--	--	--	--	--
p-(tert-amyl)phenol A	µg/L	--	--	--	4.3 JN	--	--
Sulfur A	µg/L	--	--	24 JN	13 JN	--	--
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--
Unknown A	µg/L	--	--	7.1 J	400 J	470 J	--
Unknown B	µg/L	--	--	350 J	--	--	--
Unknown C	µg/L	--	--	7.0 J	--	--	--
Unknown D	µg/L	--	--	150 J	--	--	--
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10210C	10215	10225A	10225B	10225C	10270
	Sample Name:	WG-TR1045-18A-410-060624-020-JA	WG-TR1045-18A-410-060624-024-JA	WG-TR1045-18A-410-060724-031-SG	WG-TR1045-18A-410-060724-033-SG	WG-TR1045-18A-410-060724-035-SG	WG-TR1045-18A-410-060524-021-SG
	Sample Date:	06/06/2024	06/06/2024	06/07/2024	06/07/2024	06/07/2024	06/05/2024
Parameters	**Unit**						
Pesticides							
4,4'-DDD	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDE	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDT	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.072	0.050 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	0.029 J	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin ketone	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-BHC (lindane)	µg/L	0.050 U	0.050 U	0.049 J	0.050 U	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 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 2024

	Location ID:	10270	10272	10272	10278	MW-01	MW-02
	Sample Name:	WG-TR1045-18A-410-060524-023-SG	WG-TR1045-18A-410-060424-009-SG	WG-TR1045-18A-410-060424-011-SG	WG-TR1045-18A-410-060424-007-SG	WG-TR1045-18A-410-060524-016-JA	WG-TR1045-18A-410-060524-017-SG
	Sample Date:	06/05/2024	06/04/2024	06/04/2024	06/04/2024	06/05/2024	06/05/2024
		Duplicate		Duplicate			
Parameters	**Unit**						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
cis-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10270	10272	10272	10278	MW-01	MW-02
	Sample Name:	WG-TR1045-18A-410-060524-023-SG	WG-TR1045-18A-410-060424-009-SG	WG-TR1045-18A-410-060424-011-SG	WG-TR1045-18A-410-060424-007-SG	WG-TR1045-18A-410-060524-016-JA	WG-TR1045-18A-410-060524-017-SG
	Sample Date:	06/05/2024	06/04/2024	06/04/2024	06/04/2024	06/05/2024	06/05/2024
		Duplicate		Duplicate			
Parameters	**Unit**						
Volatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
1-Chloro-3-methylbenzene A	µg/L	--	--	--	--	--	--
2-Ethyl-1-hexanol A	µg/L	--	--	--	--	--	--
2-Methylbutane A	µg/L	--	--	--	--	--	--
Dimethyl disulfide A	µg/L	--	--	--	--	--	--
Dimethyl sulfide A	µg/L	--	--	--	--	--	--
Dimethyl trisulfide A	µg/L	--	--	--	--	--	--
Isobutane A	µg/L	--	--	--	--	--	--
Methanethiol A	µg/L	--	--	--	--	--	--
Methylthioethane A	µg/L	--	--	--	--	--	--
Sulfur dioxide (SO2) A	µg/L	--	--	--	--	--	--
Unknown A	µg/L	16.3 J	18.0 J	16.7 J	18.0 J	17.8 J	16.8 J
Unknown B	µg/L	--	--	--	--	--	--
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	50 U	49 U	49 U	50 U	50 U	50 U
2,4-Dinitrotoluene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
2-Nitrophenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
3&4-Methylphenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	µg/L	50 U	49 UJ	49 U	50 UJ	50 U	50 U
4-Bromophenyl phenyl ether	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 UJ	9.8 U	9.8 U	10 U	10 UJ	10 UJ

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10270	10272	10272	10278	MW-01	MW-02
	Sample Name:	WG-TR1045-18A-410-060524-023-SG	WG-TR1045-18A-410-060424-009-SG	WG-TR1045-18A-410-060424-011-SG	WG-TR1045-18A-410-060424-007-SG	WG-TR1045-18A-410-060524-016-JA	WG-TR1045-18A-410-060524-017-SG
	Sample Date:	06/05/2024	06/04/2024	06/04/2024	06/04/2024	06/05/2024	06/05/2024
		Duplicate		Duplicate			
Parameters	**Unit**						
Semivolatile Organic Compounds							
4-Chlorophenyl phenyl ether	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
4-Nitrophenol	µg/L	50 U	49 U	49 U	50 U	50 U	50 U
Acenaphthene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	49 U	49 U	50 U	50 U	50 U
Benzyl alcohol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	10 U	9.8 UJ	9.8 U	10 UJ	10 U	10 U
Butyl benzylphthalate (BBP)	µg/L	10 U	9.8 UJ	9.8 U	10 UJ	10 U	10 U
Chrysene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Di-n-butylphthalate (DBP)	µg/L	10 U	9.8 UJ	9.8 U	10 UJ	10 U	10 U
Di-n-octyl phthalate (DnOP)	µg/L	10 U	9.8 UJ	9.8 U	10 UJ	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	50 U	49 U	49 U	50 U	50 U	50 U
Phenanthrene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Phenol	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	9.8 U	9.8 U	10 U	10 U	10 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10270	10272	10272	10278	MW-01	MW-02
	Sample Name:	WG-TR1045-18A-410-060524-023-SG	WG-TR1045-18A-410-060424-009-SG	WG-TR1045-18A-410-060424-011-SG	WG-TR1045-18A-410-060424-007-SG	WG-TR1045-18A-410-060524-016-JA	WG-TR1045-18A-410-060524-017-SG
	Sample Date:	06/05/2024	06/04/2024	06/04/2024	06/04/2024	06/05/2024	06/05/2024
		Duplicate		Duplicate			
Parameters	**Unit**						
Semivolatile Organic Compounds, TICs							
1-Chloro-2-methyl-benzene A	µg/L	--	--	--	--	--	--
2,3-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2,6-Dichlorotoluene A	µg/L	--	--	--	--	--	--
2-(2-Ethoxyethoxy)-ethanol A	µg/L	--	--	--	--	--	--
2-Chlorobenzenemethanol A	µg/L	--	--	--	--	--	--
2-Chlorotoluene	µg/L	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	µg/L	--	--	--	--	--	--
3,4-Dichlorotoluene A	µg/L	--	--	--	--	--	--
4-Benzoyl-(rel)-benzoic acid A	µg/L	--	--	--	--	--	--
4-Chlorobenzoic acid A	µg/L	--	--	--	--	--	--
Benzeneacetic acid A	µg/L	--	--	--	--	--	--
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl A	µg/L	--	--	--	--	--	--
Cyclohexane A	µg/L	--	--	--	--	--	--
Cyclohexanol A	µg/L	--	--	--	--	--	--
p-(tert-amyl)phenol A	µg/L	--	--	--	--	--	--
Sulfur A	µg/L	--	--	--	--	--	--
Tetrahydro-2-methyl-furan A	µg/L	--	--	--	--	--	--
Unknown A	µg/L	--	410 J	--	450 J	--	--
Unknown B	µg/L	--	--	--	--	--	--
Unknown C	µg/L	--	--	--	--	--	--
Unknown D	µg/L	--	--	--	--	--	--
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

	Location ID:	10270	10272	10272	10278	MW-01	MW-02
	Sample Name:	WG-TR1045-18A-410-060524-023-SG	WG-TR1045-18A-410-060424-009-SG	WG-TR1045-18A-410-060424-011-SG	WG-TR1045-18A-410-060424-007-SG	WG-TR1045-18A-410-060524-016-JA	WG-TR1045-18A-410-060524-017-SG
	Sample Date:	06/05/2024	06/04/2024	06/04/2024	06/04/2024	06/05/2024	06/05/2024
		Duplicate		Duplicate			
Parameters	**Unit**						
Pesticides							
4,4'-DDD	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDE	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
4,4'-DDT	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endrin ketone	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-BHC (lindane)	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 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
UJ	- Not detected; associated reporting limit is estimated
J	- Estimated concentration
J+	- Estimated concentration; biased high
J-	- Estimated concentration; biased low
R	- Rejected
JN	- Presumptively present at estimated value
TICs	- Tentatively Identified Compounds
PCBs	- Polychlorinated Biphenyls
--	- Not applicable

Table 3

Analytical Methods
Love Canal Annual Long Term Monitoring Program
Glenn Springs Holdings, Inc.
Niagara Falls, New York
June 2024

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260	Water	-	14
Semi-volatile Organic Compounds (SVOCs)	SW-846 8270	Water	7	40
Organochlorine Pesticides	SW-846 8081	Water	7	40
Polychlorinated Biphenyls (PCBs)	SW-846 8082	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 2024

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
VOCs	Vinyl acetate	06/13/2024	42.3	WG-TR1045-18A-410-060424-001-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-002-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-004-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-005-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-006-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-008-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-010-JA	10 UJ	µg/L
VOCs	Acetone	06/15/2024	34.0	WG-TR1045-18A-410-060424-003-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-007-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-009-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-011-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-012-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060524-013-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-015-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-017-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-021-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-023-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-022-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-025-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-027-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-029-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-018-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060624-020-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060624-024-JA	10 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 2024

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
VOCs	Bromomethane (Methyl bromide)	06/15/2024	47.2	WG-TR1045-18A-410-060424-003-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060424-007-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060424-009-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060424-011-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-012-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-013-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-015-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-017-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-021-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-023-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-022-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-025-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-027-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-029-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-018-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-020-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-024-JA	5.0 UJ	µg/L
VOCs	Chloromethane (Methyl chloride)	06/15/2024	29.0	WG-TR1045-18A-410-060424-003-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060424-007-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060424-009-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060424-011-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-012-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-013-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-015-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-017-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-021-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-023-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-022-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-025-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-027-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-029-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-018-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-020-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-024-JA	5.0 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 2024

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
VOCs	Acetone	06/13/2024	27.5	WG-TR1045-18A-410-060524-014-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060524-016-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060524-019-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-026-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060624-028-JA	10 UJ	µg/L
VOCs	Bromomethane (Methyl bromide)	06/13/2024	27.4	WG-TR1045-18A-410-060524-014-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-016-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-019-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-026-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-028-JA	5.0 UJ	µg/L
VOCs	Chloromethane (Methyl chloride)	06/13/2024	23.3	WG-TR1045-18A-410-060524-014-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-016-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060524-019-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-026-JA	5.0 UJ	µg/L
				WG-TR1045-18A-410-060624-028-JA	5.0 UJ	µg/L
VOCs	Bromomethane (Methyl bromide)	06/18/2024	22.7	WG-TR1045-18A-410-060724-031-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060724-033-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060724-035-SG	5.0 UJ	µg/L
VOCs	Chloromethane (Methyl chloride)	06/18/2024	25.0	WG-TR1045-18A-410-060724-031-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060724-033-SG	5.0 UJ	µg/L
				WG-TR1045-18A-410-060724-035-SG	5.0 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 2024

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
SVOCs	4,6-Dinitro-2-methylphenol	06/10/2024	22.9	WG-TR1045-18A-410-060424-001-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060424-002-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060424-003-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060424-004-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060424-005-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060424-006-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060424-007-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060424-008-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060424-009-SG	49 UJ	µg/L
				WG-TR1045-18A-410-060424-010-JA	50 UJ	µg/L
SVOCs	bis(2-Ethylhexyl)phthalate (DEHP)	06/10/2024	24.7	WG-TR1045-18A-410-060424-001-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-002-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-003-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-004-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-005-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-006-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-007-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-008-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-009-SG	9.8 UJ	µg/L
				WG-TR1045-18A-410-060424-010-JA	10 UJ	µg/L
SVOCs	Butyl benzylphthalate (BBP)	06/10/2024	21.2	WG-TR1045-18A-410-060424-001-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-002-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-003-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-004-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-005-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-006-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-007-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-008-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-009-SG	9.8 UJ	µg/L
				WG-TR1045-18A-410-060424-010-JA	10 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 2024

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
SVOCs	Di-n-butylphthalate (DBP)	06/10/2024	23.5	WG-TR1045-18A-410-060424-001-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-002-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-003-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-004-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-005-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-006-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-007-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-008-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-009-SG	9.8 UJ	µg/L
				WG-TR1045-18A-410-060424-010-JA	10 UJ	µg/L
SVOCs	Di-n-octyl phthalate (DnOP)	06/10/2024	39.8	WG-TR1045-18A-410-060424-001-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-002-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-003-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-004-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-005-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-006-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-007-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060424-008-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060424-009-SG	9.8 UJ	µg/L
				WG-TR1045-18A-410-060424-010-JA	10 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 2024

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
SVOCs	4-Chloroaniline	06/12/2024	20.1	WG-TR1045-18A-410-060524-012-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060524-013-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-014-JA	9.8 UJ	µg/L
				WG-TR1045-18A-410-060524-015-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-016-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060524-017-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-019-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-021-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060524-023-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-022-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-025-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-027-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-029-SG	10 UJ	µg/L
				WG-TR1045-18A-410-060624-018-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060624-020-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060624-024-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060624-026-JA	10 UJ	µg/L
				WG-TR1045-18A-410-060624-028-JA	10 UJ	µg/L
SVOCs	2,4-Dinitrophenol	06/20/2024	28.4	WG-TR1045-18A-410-060724-031-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-033-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-035-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-036-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-030-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060724-032-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060724-034-JA	50 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 2024

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
SVOCs	Benzoic acid	06/20/2024	21.7	WG-TR1045-18A-410-060724-031-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-033-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-035-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-036-SG	260 J	µg/L
				WG-TR1045-18A-410-060724-030-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060724-032-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060724-034-JA	50 UJ	µg/L
SVOCs	Pentachlorophenol	06/20/2024	26.6	WG-TR1045-18A-410-060724-031-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-033-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-035-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-036-SG	50 UJ	µg/L
				WG-TR1045-18A-410-060724-030-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060724-032-JA	50 UJ	µg/L
				WG-TR1045-18A-410-060724-034-JA	50 UJ	µg/L

Notes:

%D - Percent difference
J - Estimated concentration
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 2024

Parameter	Sample ID	Surrogate	Surrogate % Recovery	Control Limits % Recovery	Analyte	Qualified Result		Units
Pesticides	WG-TR1045-18A-410-060724-036-SG	Tetrachloro-m-xylene	137	10-101	alpha-BHC	6.4	J+	µg/L
					beta-BHC	1.5	J+	µg/L
					delta-BHC	5.0	J+	µg/L
					gamma-BHC (lindane)	0.69	J+	µg/L

Notes:

J+ - Estimated concentration; biased high

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 2024

Parameter	Analyte	LCS Date (mm/dd/yyyy)	LCS % Recovery	LCSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Associated Sample ID	Qualified Result	Qualified	Units
VOCs	Chloromethane (Methyl chloride)	06/13/2024	70	--	--	72-179	--	WG-TR1045-18A-410-060524-014-JA	5.0	UJ	µg/L
								WG-TR1045-18A-410-060524-016-JA	5.0	UJ	µg/L
								WG-TR1045-18A-410-060524-019-SG	5.0	UJ	µg/L
								WG-TR1045-18A-410-060624-026-JA	5.0	UJ	µg/L
								WG-TR1045-18A-410-060624-028-JA	5.0	UJ	µg/L
SVOCs	2,4-Dimethylphenol	06/12/2024	16	25	44	45-129	30	WG-TR1045-18A-410-060724-031-SG		R	
								WG-TR1045-18A-410-060724-033-SG		R	
								WG-TR1045-18A-410-060724-035-SG		R	
								WG-TR1045-18A-410-060724-036-SG	4.5	J-	µg/L
								WG-TR1045-18A-410-060724-030-JA		R	
								WG-TR1045-18A-410-060724-032-JA		R	
								WG-TR1045-18A-410-060724-034-JA		R	

Notes:

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
RPD - Relative Percent Difference
VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
UJ - Not detected; associated reporting limit is estimated
J- - Estimated concentration; biased low
R - Rejected

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 2024

Parameter	Sample ID	Analyte	MS % Recovery	MSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Qualified Result
SVOCs	WG-TR1045-18A-410-060724-030-JA	Chrysene	99	0	200	21-168	30	R

Notes:

MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference
SVOCs - Semi-volatile Organic Compounds
R - Rejected

Appendix G
2024 Monitoring Well and Sampling Logs

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 712.5
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/24
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 6.78
Start Purge Time: 0937

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
0942	100	7.44	0.66	23.29	1.01	10.5	1.15	6.90	56
0947		8.01	1.23	22.59	1.01	7.51	0.74	6.96	37
0952	90	8.68	1.90	21.86	1.02	4.65	1.05	6.96	31
0957	92	9.18	2.40	21.41	1.02	4.32	0.98	6.96	27
1002		9.71	2.93	21.21	1.03	5.21	0.95	6.96	25

Sample ID: WG-TR1045-18A-410-060424-001-SG **Sample Time:** 1005

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:** LOVE CANAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 715
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/2024
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 8.81
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
0936	100	9.36	0.55	21.52	1.41	4	1.04	6.80	-72
0941	80	9.45	0.64	20.14	1.42	7	0.50	7.07	-92
0946		9.57	0.77	20.03	1.41	11	0.46	6.99	-87
0951	80	9.67	0.87	19.80	1.41	18	0.39	6.99	-86
0956		9.77	0.97	19.59	1.40	1	0.32	6.84	-75
1001	80	9.86	1.05	19.54	1.40	9	0.25	7.12	-89
1006		9.94	1.13	19.60	1.40	3	0.28	7.10	-88
1011	80	10.05	1.24	19.61	1.40	1	0.29	7.07	-86
1016	80	10.17	1.36	19.63	1.40	6	0.31	7.09	-87

Sample ID: WG-TR1045-18A-410-060424-002-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:** LOVE CANAL ANNUAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 7205
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 12.43
Start Purge Time: 1027

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
1033	96	12.50	0.07	20.90	8.35	15.7	0.96	6.78	-87
1038	96	12.52	0.09	20.58	7.42	15.0	0.70	6.76	-94
1043		12.52	0.09	19.54	6.26	18.3	0.64	6.79	-97
1048		12.52	0.09	19.80	4.93	11.9	0.56	6.83	-106
1053	100	12.52	0.09	19.86	4.28	11.8	0.54	6.87	-145
1058	100	12.52	0.09	19.91	3.40	20.2	0.50	6.93	-219
1103		12.52	0.09	20.13	2.97	13.3	0.50	6.96	-271
1108	100	12.52	0.09	21.19	2.79	7.51	0.46	6.97	-286
1113		12.52	0.09	21.22	2.71	7.50	0.45	6.97	-290
1118	100	12.52	0.09	21.36	2.68	6.57	0.44	6.98	-293

Sample ID: WG-TR1045-18A-410-060424-003-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%

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL
Project Number: TR1045-18A-410
Well Data: **Well No.:** 7130
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 10/4/2024
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.02
Start Purge Time: 1059

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
1104	100	12.02	0.00	21.62	0.988	4	1.05	7.32	133
1109		12.03	0.01	20.99	0.971	2	0.58	7.26	129
1114	100	12.03	0.01	20.49	0.958	2	0.39	7.26	127
1119	140	12.03	0.01	19.79	0.948	3	0.29	6.95	138
1124	160	12.03	0.01	19.29	0.929	1	0.19	6.94	134
1129	180	12.00	0.03	18.68	0.932	1	0.20	6.87	129
1134	180	12.00	0.03	18.58	0.934	1	0.17	6.96	109
1139		12.00	0.03	18.21	0.930	0	0.11	7.18	88
1144	180	12.00	0.03	18.15	0.928	0	0.07	7.15	71
1149		12.00	0.03	17.82	0.922	0	0.05	7.24	50
1154	180	12.00	0.03	17.91	0.926	0	0.06	7.16	48
1159		12.00	0.03	17.95	0.926	0	0.05	7.09	48

Sample ID: WG-TR1045-18A-410-060424-001-JA

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
Project Number: TRIO45-18A-410

Well Data: **Well No.:** 7132
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 12.67
Start Purge Time: 1145

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
1152	108	12.78	0.05	23.76	0.822	27.3	2.60	7.82	-159
1157	108	12.72	0.05	22.64	0.828	23.0	0.88	7.77	-209
1202		12.72	0.05	22.18	0.833	20.6	0.70	7.66	-212
1207		12.72	0.05	21.72	0.835	14.4	0.59	7.64	-210
1212	108	12.72	0.05	21.52	0.830	13.1	0.54	7.65	-207
1217	108	12.72	0.05	21.41	0.833	13.0	0.52	7.65	-200

Sample ID: WG-TRIO45-18A-410-060424-005-SG
Sample Time: 1220

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 Haldrup

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 815
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/2024
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 7.08
Start Purge Time: 1233

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
1238	100	7.80	0.72	24.64	1.16	339	1.15	7.20	175
1243	80	7.94	0.86	22.50	1.21	209	0.55	7.18	149
1248	80	8.08	1.00	20.83	1.27	101	0.41	7.27	125
1253	80	8.20	1.12	20.67	1.26	59	0.35	7.13	129
1258		8.33	1.25	20.76	1.25	39	0.35	7.12	124
1303	80	8.47	1.39	20.62	1.23	24	0.28	7.08	118
1308		8.56	1.48	20.61	1.22	16	0.26	7.08	112
1313	80	8.71	1.63	20.54	1.22	8	0.24	7.07	126

Sample ID: KG-TR1045-18A-410-060424-006-JA

Sample Time: 1330

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
Project Number: TR1045·18A-A10

Well Data: **Well No.:** 10278
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 11.35
Start Purge Time: 1330

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
1342	68	11.47	0.12	29.09	3.95	32.3	0.89	7.22	-341
1347	68	11.47	0.12	26.99	4.01	12.7	0.60	7.11	-343
1352		11.47	0.12	25.80	4.08	6.10	0.54	7.06	-342
1357		11.48	0.13	24.95	4.05	7.26	0.49	7.03	-343
1402	68	11.48	0.13	24.39	4.06	3.71	0.47	7.02	-343
1407		11.50	0.15	24.18	4.07	2.37	0.46	7.00	-342

Sample ID: WG-TR1045-18A-A10-000424-007-SG **Sample Time:** 1410

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

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 101 78A
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/2024
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 5.12
Start Purge Time: 1400

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
1405	100	6.00	0.88	28.81	0.000	24	8.47	7.57	49
1410		6.15	1.03	27.72	1.51	11	2.07	7.54	76
1415	50	6.22	1.10	26.46	1.44	4	0.95	7.21	-23
1420	50	6.28	1.16	24.53	1.46	5	0.64	7.23	-60
1425	50	6.38	1.26	22.55	1.52	4	0.67	7.25	-70
1430		6.43	1.31	22.21	1.53	3	0.63	7.24	-72
1435	50	6.50	1.38	22.10	1.53	2	0.60	7.21	-70

Sample ID: WG-TR1045-18A-410-060424-008-JA (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 DLP

Project Data: **Project Name:** LOVE CANAL ANNUAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 10272
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 12.97
Start Purge Time: 1457

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
1505	100	13.16	0.19	23.72	4.12	29.0	~~29.0~~	6.83	-329
1510	108	13.16	0.19	19.62	4.74	3.56	0.64	6.79	-333
1515		13.16	0.19	18.82	4.83	4.11	0.59	6.79	-335
1520	108	13.16	0.19	18.81	4.85	4.76	0.55	6.78	-337
1525	108	13.16	0.19	18.90	4.84	4.93	0.53	6.78	-338

Sample ID: WG-TR1045-18A-410-060424-009-SG
Notes: BLIND DUPLICATE-WG-TR1045-18A-410-060424-011-SG

Sample Time: 1530
TIME- 1530

(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:** LOVE CANAL
Project Number: ~~55~~ 60178 TR345-18A-410

Well Data: **Well No.:** 101783
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/4/2024
Personal: J. Adams
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 5.85
Start Purge Time: 1508

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
1513	70	6.95	1.10	22.06	1.57	36	1.69	7.63	110
1518	70	7.33	1.48	19.21	1.65	4	0.77	7.52	108
1523		7.62	1.77	19.70	1.67	5	0.64	7.38	115
1528	50	7.95	2.10	19.42	1.66	5	0.62	7.49	108
1533	50	8.34	2.49	19.37	1.67	7	0.55	7.53	105
1538	50	8.60	2.75	19.31	1.67	4	0.52	7.55	104

Sample ID: MG-TR345-18A-410-060424-010-JA

Sample Time: 1600

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
Project Number: TR1045-18A-410

Date: 6/5/2024
Personal: J. Adams

Well Data: **Well No.:** 9205
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 9.42
Start Purge Time: 0910

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
0915	100	10.80	1.38	19.46	0.493	135	0.92	6.09	-100
0920		11.64	2.22	15.53	0.405	97	0.68	6.18	-131
0925	60	12.04	2.62	17.54	0.427	101	0.24	6.18	-138
0930	60	12.27	2.85	17.78	0.419	104	0.24	6.14	-138
0935		12.53	3.11	17.75	0.404	108	0.22	6.11	-139
0940	60	12.88	3.46	17.81	0.398	104	0.19	6.12	-140
0945		13.02		17.84	0.397	108	0.17	6.12	-140

Sample ID: WG-TR1045-18A-410-060524-012-JA **Sample Time:** 1005

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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 8210
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/5/2024
Personal: S GARDNER
Well Diameter, D (cm/in):
Initial Depth to Water (m/ft): 7.97
Start Purge Time: 0836

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
0845	100	8.09	0.12	20.50	3.62	84.4	3.26	6.21	-167
0850	100	8.10	0.13	19.12	3.55	48.1	1.26	6.26	-226
0855		8.10	0.13	18.14	3.57	41.0	1.06	6.32	-249
0900		8.10	0.13	17.76	3.52	22.4	0.88	6.39	-266
0905	100	8.10	0.13	17.59	3.53	20.3	0.82	6.45	-278
0910		8.10	0.13	17.49	3.54	12.7	0.78	6.49	-285
0915	100	8.10	0.13	17.43	3.56	9.51	0.83	6.50	-289

Sample ID: WG-TR1045-18A-410-060524-013-SG **Sample Time:** 0920

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
Project Number: T2045-18A-410

Well Data: **Well No.:** 8106
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/5/24
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 7.03
Start Purge Time: ~~1025~~ 1035

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
1040	100	7.32	0.29	22.01	2.66	14	0.86	7.13	-64
1045	100	7.41	0.38	21.30	2.72	40	0.39	7.12	-63
1050	70	7.53	0.50	20.72	2.81	56	0.27	7.12	-63
1055		7.61	0.58	20.77	2.81	50	0.23	7.10	-59
1100		7.69	0.66	21.40	2.78	24	0.19	7.11	-56
1105	70	7.81	0.78	21.52	2.75	3	0.15	7.11	-53
1110		7.92	0.89	21.45	2.76	0	0.13	7.04	-47
1115	70	7.98	0.95	21.39	2.74	0	0.14	7.06	-46

Sample ID: WG-T2045-18A-410-060524-014-JA **Sample Time:** 1135

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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 3257
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/5/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 8.17
Start Purge Time: 1000

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[G] (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
1006	120	8.22	0.05	20.80	3.74	9.75	2.00	6.73	-305
1011		8.22	0.05	19.82	3.83	5.37	1.00	6.72	-321
1016		8.22	0.05	19.34	3.88	5.99	0.83	6.71	-325
1021	120	8.22	0.05	19.17	3.89	6.11	0.75	6.70	-327
1026		8.22	0.05	19.07	3.89	5.84	0.71	6.70	-328
1031	120	8.22	0.05	19.08	3.88	5.76	0.68	6.70	-329

Sample ID: WG-TR1045-18A-410-060524-015-SG **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:** LOVE CANAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** MW-1
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/5/2024
Personal: J. Adams
Well Diameter, D (cm/in): 4
Initial Depth to Water (m/ft): 7.63
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	90	7.86	0.23	24.79	0.416	74	0.68	6.55	-130
1337		7.97	0.34	23.27	0.400	138	0.61	7.25	-242
1342	60	8.05	0.42	23.15	0.391	184	0.65	7.46	-254
1347		8.11	0.48	23.04	0.381	189	0.73	7.68	-260
1352	70	8.19	0.56	23.02	0.323	193	0.76	7.71	-233
1357		8.21	0.58	23.42	0.316	198	0.63	7.88	-270
1402	60	8.22	0.59	23.72	0.309	178	0.64	7.98	-276
1407		8.22	0.59	23.86	0.308	138	0.62	8.07	-277
1412	60	8.22	0.59	24.01	0.304	119	0.56	8.10	-273
1417	60	8.22	0.59	24.12	0.301	104	0.57	8.07	-275
1422	60	8.22	0.59	24.23	0.299	102	0.57	8.06	-277
1427		8.22	0.59	24.39	0.300	95	0.60	8.03	-273

Sample ID: WG-TR1045-18A-410-060524-016-JA **Sample Time:** 1445

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 **Date:** 6/5/2024
Project Number: TR1045-18A-410 **Personal:** S GARDNER
Well Data: **Well No.:** MW-02 **Well Diameter, D (cm/in):** 4"
Constructed Well Depth (m/ft): _____ **Initial Depth to Water (m/ft):** 7.00
Measured Well Depth (m/ft): _____ **Start Purge Time:** 1102

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
1113	116	7.02	0.02	22.40	3.00	102	2.63	7.30	-273
1118	116	7.02	0.02	21.29	3.01	76.9	1.04	7.28	-294
1123		7.02	0.02	20.63	3.04	58.3	0.83	7.26	-304
1128		7.02	0.02	20.24	3.03	44.7	0.69	7.26	-308
1133	116	7.02	0.02	20.08	3.03	35.4	0.65	7.27	-309
1138	116	7.02	0.02	19.93	3.02	35.2	0.61	7.27	-311
1143		7.02	0.02	19.87	3.01	32.9	0.58	7.25	-311

Sample ID: WG-TR1045-18A-410-060524-017-SG **Sample Time:** 1145

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 MS/MSD

Project Data: **Project Name:** LOVE CANAL ANNUAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 522.1
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/5/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 4"
Initial Depth to Water (m/ft): 11.46
Start Purge Time: 1225

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
1233	140	11.52	0.06	21.33	1.21	31.4	2.55	8.75	-251
1238	140	11.52	0.06	20.09	1.19	30.1	1.09	8.98	-263
1243		11.52	0.06	19.45	1.19	32.3	0.82	8.98	-273
1248		11.51	0.05	19.24	1.20	34.1	0.72	8.96	-273
1253	140	11.51	0.05	19.17	1.20	35.2	0.64	8.94	-275
1258		11.51	0.05	19.10	1.20	35.6	0.61	8.91	-273
1303	140	11.51	0.05	19.07	1.21	36.0	0.60	8.90	-270

Sample ID: WG-TR1045-18A-410-019-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 DUP

Project Data: **Project Name:** LOVE CANAL ANNUAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 10270
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/5/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 11.81
Start Purge Time: 1400

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
1417	124	11.85	0.04	23.55	4.08	27.6	2.37	6.91	-320
1422	124	11.85	0.04	21.89	3.74	9.99	1.01	6.86	-331
1427		11.85	0.04	20.18	3.74	7.78	0.81	6.86	-333
1432	124	11.85	0.04	19.52	3.73	6.03	0.68	6.85	-336
1437		11.85	0.04	19.20	3.70	7.19	0.62	6.85	-337
1442	124	11.85	0.04	18.98	3.68	7.77	0.62	6.85	-338
1447		11.85	0.04	18.79	3.66	6.24	0.64	6.86	-339

Sample ID: WG-TR1045-18A-410-060524-021-SG **Sample Time:** 1450

Notes: BLIND DUPLICATE- WG-TR1045-18A-410-060524-023-SG TIME 14.50

(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
Project Number: TR1045-18A-410

Date: 6/6/2024
Personal: S GARDNER

Well Data: **Well No.:** 10210A
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 4.88
Start Purge Time: 0936

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
0945	100	6.33	1.45	20.19	>100	3.70	1.45	6.57	-316
0950	100	6.88	2.00	19.81	>100	4.66	0.79	6.41	-320
0955		7.42	2.54	19.77	>100	5.11	0.56	6.34	-328
1000		7.87	2.99	20.15	>100	6.64	0.46	6.30	-331
1005	100	8.29	3.41	20.26	>100	5.55	0.41	6.28	-334
1010		8.81	3.93	20.35	>100	6.13	0.39	6.28	-335
1015	100	9.26	4.38	20.44	>100	6.51	0.37	6.28	-336

Sample ID: WG-TR1045-18A-410-060624-022-SG **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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 10205
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/6/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 13.15
Start Purge Time: 0810

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
0818	100	13.18	0.03	19.32	5.15	9.24	2.51	6.78	-332
0823	100	13.18	0.03	18.09	5.28	20.2	1.60	6.79	-336
0828		13.18	0.03	17.16	5.38	18.3	1.22	6.78	-334
0833	100	13.18	0.03	16.72	5.44	22.9	0.90	6.77	-336
0838		13.18	0.03	16.33	5.49	9.61	0.78	6.76	-336
0843	100	13.18	0.03	16.53	5.46	3.69	0.77	6.76	-338
0848		13.18	0.03	16.40	5.49	3.47	0.75	6.76	-337

Sample ID: WG-TR1045-18A-410-060624-025-SB **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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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 102108
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/6/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 12.28
Start Purge Time: 10.53

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	100	12.63	0.35	19.76	13.9	74.9	3.06	7.45	-326
1105	100	12.74	0.46	19.35	12.0	77.6	1.10	7.45	-344
1110		12.82	0.54	19.77	11.0	53.1	0.73	7.44	-353
1115	100	12.85	0.57	20.03	10.7	57.6	0.63	7.44	-349
1120		12.87	0.59	20.20	10.4	61.2	0.56	7.45	-352
1125	100	12.90	0.62	20.33	10.1	63.3	0.51	7.46	-355
1130		12.92	0.64	20.41	10.0	63.9	0.49	7.46	-358
1135	100	12.94	0.66	20.47	9.99	64.3	0.48	7.46	-360

Sample ID: WG-TR1045-18A-410-060624-027-SG **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 $V_n=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_n=n*(r^2)*L)(2.54)^3$, 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
Project Number: TR045-18A-410

Well Data: **Well No.:** 9210
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/6/24
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 16.98
Start Purge Time: 0808

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
0813	100	7.06	0.09	20.80	6.24	112	1.40	7.10	-258
0818	100	7.07	0.09	18.73	7.02	84	1.84	7.24	-292
0823		7.07	0.09	16.26	7.64	36	2.59	7.25	-301
0828	130	7.10	0.12	14.74	7.94	45	2.80	7.33	-311
0833	150	7.12	0.14	14.57	8.01	49	2.69	7.35	-315
0838		7.12	0.14	14.40	7.68	51	2.39	7.35	-320
0843	150	7.13	0.15	14.53	7.35	49	2.63	7.29	-333
0848		7.13	0.15	14.40	6.35	43	2.79	7.14	-349
0853	150	7.13	0.15	14.25	5.95	40	2.74	7.08	-356
0858		7.13	0.15	14.33	5.85	32	2.64	7.06	-362
0903	150	7.13	0.15	14.21	5.92	23	2.59	7.06	-366
0908	150	7.13	0.15	14.25	5.96	8	2.51	7.08	-364

Sample ID: WG-TR045-18A-410-060024-018-JA

Sample Time: 0930

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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 10240 C
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/6/24
Personal: J. Adams
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 11.92
Start Purge Time: 0942

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
0947	120	11.92	0.10	17.94	5.54	14	2.13	6.98	-353
0952		11.92	0.10	17.87	5.62	18	1.86	6.94	-355
0957	150	11.96	0.14	16.52	5.78	18	1.88	6.94	-356
1002	200	12.00	0.18	15.94	5.86	18	1.85	6.94	-357
1007		12.00	0.18	16.12	5.87	17	1.80	6.94	-356

Sample ID: WG-TR1045-18A-410-060624-020-SA **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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 10215
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/6/2024
Personal: J. Adams
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 12.60
Start Purge Time: 1100

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
1105	110	12.72	0.12	23.97	3.89	33	0.47	7.69	-240
1110	150	13.04	0.44	23.68	3.76	38	0.21	7.53	-244
1115	110	12.99	0.39	22.99	3.82	50	0.09	7.49	-246
1120		12.96	0.36	23.12	3.90	53	0.01	7.50	-266
1125		12.96	0.36	23.25	3.98	48	0.00	7.51	-288
1130	100	12.95	0.35	23.36	4.07	44	0.00	7.37	-323
1135		12.95	0.35	23.55	4.17	38	0.00	7.25	-349
1140	100	12.90	0.30	23.84	4.24	28	0.00	7.21	-351
1145		12.86	0.26	24.18	4.26	19	0.00	7.19	-352
1150	100	12.82	0.22	24.48	4.27	20	0.00	7.17	-353
		12.77	0.17	24.62	4.29	22	0.00	7.17	-354

Sample ID: WG-TR1045-18A-410-060624-024-JA

Sample Time: 1215

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
Project Number: 2 911 TR1045-18A-410

Well Data: **Well No.:** 9118
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/6/2024
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 11.45
Start Purge Time: 1242

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	110	11.62	0.17	24.19	1.18	1	2.49	7.37	-174
1252		11.62	0.17	21.08	1.12	0	1.06	7.12	-175
1257		11.62	0.17	20.06	1.10	6	0.79	7.07	-176
1302	120	11.63	0.18	18.32	1.12	4	0.67	7.11	-181
1307		11.63	0.18	17.80	1.11	8	0.54	7.07	-181
1312	140	11.67	0.22	14.63	1.19	2	0.57	7.04	-182
1317		11.67	0.22	14.39	1.19	JA ~~10~~ 1	0.48	7.02	-183
1322	140	11.67	0.22	14.47	1.18	2	0.33	7.02	-185
1327		11.67	0.22	14.47	1.17	1	0.26	7.02	-186
1332	140	11.67	0.22	14.42	1.17	1	0.24	7.03	-190
1337		11.67	0.22	14.33	1.17	0	0.22	7.03	-190

Sample ID: WG-TR1045-2 911 18A-410-060624-026-JA **Sample Time:** 1350

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 $V_n=n*(r^2)*L$ in mL, where (r=D/2) and L are in cm. For Imperial units, $V_n=n*(r^2)*L)(2.54)^3$, 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: WG-TR1045-18A-410-060624-028-JA

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Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL
Project Number: TRIO45-18A-410

Well Data: **Well No.:** 6209
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/6/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 4"
Initial Depth to Water (m/ft): 13.14
Start Purge Time: 1217

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
1225	108	13.17	0.03	22.10	4.12	10.4	3.71	9.02	-229
1230		13.18	0.04	20.89	4.05	9.36	1.22	9.31	-245
1235	104	13.17	0.03	19.83	4.03	7.54	0.82	9.51	-262
1240		13.17	0.03	19.22	4.03	6.58	0.68	9.56	-272
1245	104	13.17	0.03	19.06	4.05	6.46	0.57	9.56	-280
1250		13.17	0.03	19.02	4.07	5.33	0.60	9.54	-287
1255	104	13.17	0.03	19.05	4.08	4.92	0.56	9.55	-290

Sample ID: WG-TRIO45-18A-410-060624-029-SG **Sample Time:** 1300

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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 8125
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/7/2024
Personal: J. ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 13.12
Start Purge Time: 0856

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
0901	100	13.54	0.42	16.29	1.27	39	0.80	6.49	27
0906	80	13.49	0.37	15.45	1.27	61	0.43	6.77	38
0911		13.48	0.36	14.87	1.28	64	0.35	6.87	44
0916	80	13.47	0.35	14.67	1.28	48	0.25	6.93	53
0921		13.47	0.35	14.37	1.29	31	0.20	6.96	59
0926	80	13.47	0.35	14.38	1.30	21	0.17	7.00	62
0931		13.47	0.35	14.46	1.30	15	0.14	7.02	62
0936	80	13.47	0.35	14.49	1.30	16	0.11	7.04	57
0941		13.47	0.35	14.59	1.30	10	0.10	7.06	56
0946	80	13.47	0.35	14.67	1.30	10	0.09	7.08	56
0951		13.46	0.34	14.86	1.30	9	0.08	7.09	56

Sample ID: WG-TR1045-18A-410-060724-030-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
Project Number: TRIO45-18A-410

Well Data: **Well No.:** 10225A
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/7/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 11.52
Start Purge Time: 0848

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
0852	96	12.46	0.94	21.15	82.0	8.39	1.50	7.32	-345
0857	96	12.92	1.40	19.21	>100	2.68	0.74	7.04	-361
0902		13.34	1.82	17.82	>100	3.67	0.55	7.04	-371
0907	94	13.87	2.35	16.72	>100	4.15	0.50	7.00	-373
0912		14.28	2.76	16.28	>100	5.28	0.48	6.96	-371
0917	94	14.69	3.17	16.19	>100	4.87	0.45	6.95	-371

Sample ID: WG-TRIO45-18A-410-060724-031-SG **Sample Time:** 0920

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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 9105
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/7/2024
Personal: J. Adams
Well Diameter, D (cm/in):
Initial Depth to Water (m/ft): 10.99
Start Purge Time: 1053

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
1058	100	11.56	0.57	19.61	1.48	8	0.75	7.37	-34
1103	80	11.70	0.71	18.68	1.52	7	0.47	7.28	-37
1108	50	11.75	0.76	18.23	1.54	7	0.36	7.24	-37
1113		11.81	0.82	17.91	1.55	3	0.33	7.24	-40
1118	50	11.88	0.89	17.76	1.56	3	0.32	7.23	-38
1123		11.97	0.98	17.61	1.56	3	0.32	7.22	-42

Sample ID: WG-TR1045-18A-410-060724-032-JA **Sample Time:** 1145

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.

an affiliate of Geosyntec Consultants

Monitoring Well Record for Low-Flow Purging

Project Data: **Project Name:** LOVE CANAL ANNUAL
Project Number: TR1045-18A-410

Well Data: **Well No.:** 10225B
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/7/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 11.65
Start Purge Time: 0954

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
1002	100	12.77	1.12	16.14	20.1	8.63	4.62	7.05	-336
1007	100	12.88	1.23	15.23	21.5	9.11	1.25	6.78	-348
1012		13.50	1.85	14.67	21.5	7.59	1.03	6.63	-342
1017	100	13.83	2.18	14.59	21.2	7.88	0.91	6.56	-337
1022		14.10	2.45	14.64	21.0	7.65	0.86	6.53	-336
1027		14.42	2.77	14.61	20.4	6.82	0.80	6.52	-336
1032	100	14.63	2.98	14.64	20.1	8.13	0.75	6.53	-337

Sample ID: WG-TR1045-18A-410-060724-033-SG **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%

Shawn 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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 9113
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/7/2024
Personal: J ADAMS
Well Diameter, D (cm/in): 2
Initial Depth to Water (m/ft): 10.90
Start Purge Time: 1217

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
1222	100	11.50	0.60	19.48	0.814	5	1.32	10.89	-75
1227	60	11.67	0.77	19.05	0.816	2	0.88	11.18	-89
1232		11.72	0.82	18.73	0.819	0	0.77	11.24	-87
1237	60	11.78	0.88	17.07	0.855	1	8.77	11.22	-83
1242		11.82	0.92	17.23	0.849	1	8.54	11.23	-80
1247	60	11.86	0.96	17.16	0.845	2	8.32	11.24	-80
1252		11.88	0.98	16.98	0.847	1	8.08	11.24	-77

Sample ID: WG-TR1045-18A-410-060724-034-JA **Sample Time:** 1315

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= V_p/V_s.
(5) For conductivity, the average value of three readings ±3%

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
Project Number: TR1045-18A-410

Well Data: **Well No.:** 1022SC
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/7/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 12.32
Start Purge Time: 1102

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
1107	100	12.43	0.11	16.22	5.94	7.19	3.80	7.13	-259
1112	100	12.43	0.11	16.01	5.94	8.58	1.08	7.16	-237
1117		12.43	0.11	15.65	5.89	7.88	0.81	7.20	-233
1122	100	12.43	0.11	15.39	5.82	1.63	1.09	7.20	-237
1127		12.43	0.11	15.37	5.73	2.27	1.18	7.20	-242
1132		12.43	0.11	15.28	5.68	3.33	1.08	7.19	-253

Sample ID: WG-TR1045-18A-410-060724-035-SG **Sample Time:** 1135

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
Project Number: TRIO45-18A-410

Well Data: **Well No.:** 10135
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):

Date: 6/7/2024
Personal: S GARDNER
Well Diameter, D (cm/in): 2"
Initial Depth to Water (m/ft): 11.21
Start Purge Time: 1203

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
1210	100	11.72	0.51	16.49	2.61	87.5	3.33	6.66	-143
1215	100	11.92	0.71	16.79	2.55	20.1	0.88	6.60	-149
1220	96	12.10	0.89	16.84	2.53	13.9	0.66	6.58	-155
1225		12.28	1.07	16.95	2.48	8.72	0.59	6.55	-155
1230		12.38	1.17	16.88	2.44	9.11	0.51	6.54	-159
1235	96	12.48	1.27	16.83	2.43	4.85	0.49	6.52	-159
1240		12.57	1.36	16.77	2.42	5.56	0.47	6.55	-162

Sample ID: WG-TRIO45-18A-A10-060724-036-SG **Sample Time:** 1245

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

Appendix H
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: 2/3/2023
CATEGORICAL IU? NO
Day/Date and Time of Inspection:
Monday, January 8th, 2024 @ 10:30AM

SIU Representative:
Dennis Hoyt
Shawn Gardner

Inspectors Name:
Stephen Stewart

Contact Phone No.: 716-818-2743

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 – October 26, 2023*** **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: ***None***	**NO**
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)] ?	**N/A**
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.

Geosyntec has taken over operations at Love Canal from GHD on 9/1/2022.

November 13, 2024

Geosyntec, Love Canal Leachate Treatment Facility
805 – 97th Street
Niagara Falls, New York 14304

Dear: Dennis Hoyt, Shawn Gardner,

Enclosed please find the results of the Plant Inspection that was conducted at your facility on Monday, January 8th, 2024 @ 10:30AM.
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: J. Paradise → S. Stewart → **File: - I-44**
Emailed to SIU

Appendix I
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 2024
☐ 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: 805-85 42nd 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 61 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 7.1 psid	Leaked ☐ Closed tight ☒	Opened at 2.9 psid	Date 03/19/24 (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: 3459 2315
Meter Reading: —
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
SHAWN GARDNER	TECH		(716) 716-818-2743

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 2024

☐ 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
		☐ RPZ ☐ DCV			

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 62 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 2.2 psid	Leaked ☐ Closed tight ☒	Opened at 3.1 psid	Date 03 / 19 / 24 (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: 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
SHAWN GARDNER	TECH		716 818 2443

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 2024
☐ 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: 805-65th St NT (Street / City / Zip)
Location of Device: Treatment (BDG Washdown)

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	009M3QT	3/4	61327

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 60 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 0.0 psid	Leaked ☐ Closed tight ☒	Opened at 2.8 psid	Date 10 / 19 / 24 (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)
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
SHAWN GARDNER	TECH		716 818 2743

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 2024
☐ 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: Glen Springs Remediation
Address: 805-95th St / Street / City / Zip: NF
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 71 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 7.4 psid	Leaked ☐ Closed tight ☒	Opened at 2.2 psid	Date 03 / 19 / 24 (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: 3192332 9
Meter Reading:
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
SHAWN GARDNER	TECH		(716) 818 2743

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 2024
☐ 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 N.F. (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 61 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 8.0 psid	Leaked ☐ Closed tight ☒	Opened at 7.6 psid	Date 03/19/24 (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: 3187117
Meter Reading: -
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
SHAWN GARDNER	TECH		716 818 2743

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.

Appendix J
Waste Disposal Manifest(s)

393701 009193986 SKS

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	009193986 SKS

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 Clive, LLC
3.5 miles South of Mile Post 49 on I-80
Grantsville, UT 84029
Facility's Phone: (801) 323-8900
U.S. EPA ID Number: UTD982595795

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	667. 24240	P	F039
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CH2799989DC ERG#171 CHRT 2426

Contract retained by generator confers agency

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 — Agent for Glen Springs Holdings, Inc. — Signature: Dennis J. Hoyt — Month 09 Day 26 Year 24

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: David WOOD — Signature — Month 09 Day 26 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Permission to make changes per Dennis Hoyt — 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.
H141			

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: Jana Williams — Signature — Month 9 Day 30 Year 24

GENERATOR — INTL — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping LAW 2405169304-002 PPW

Clean Harbors Clive, LLC
3.5 miles South of Mile Post 49 on I-80
Grantsville, UT 84029
801-323-8900

09/26/2024

	UOM	Time In	Time Out
GROSS	**66460 LBS**		
TARE	**39080 LBS**		
NET	**27380 LBS**		

Container # or Fleet #	CHRT24266
Load #	UC9620
Manifest #	009193986SKS
Sales Order #	2405169304-002
Profile #	CH2799989UC
Tracking #	A00IGK9J

Occidental Chemical Corp. c/o Miller Springs
805 97th Street
Niagara Falls, NY 14304

009193178 SKS

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

Please print or type. 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	009193178 SKS

GENERATOR

5. Generator's Name and Mailing Address
Occidental Chemical Corp. c/o Miller Springs
605 97th Street
Niagara Falls, NY 14304
Generator's Phone:

Generator's Site Address (if different than mailing address)
SAME

6. Transporter 1 Company Name
Clean Harbors Environmental Services, Inc.
U.S. EPA ID Number
MAD039322250

7. Transporter 2 Company Name
CLEAN HARBORS ENV SERV INC
U.S. EPA ID Number
MAD 039322250

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 UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (F039, D001, D018, D021), 3, PG III	16	DM	7200	P	D001 F039	D018 B	D021
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.CH2649788 ERG#128

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	Signature	Month	Day	Year
SHAWN GARDNER AS AGENT OF GSHI	Shawn Gardner	11	19	24

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	Signature	Month	Day	Year
JASON PERNAL		11	19	24
Transporter 2 Printed/Typed Name	**Signature**	**Month**	**Day**	**Year**
TRINIDAD HERNANDEZ		01	06	24

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	Signature	Month	Day	Year
Kelli Branham	KBranham	1	7	25

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

LAW 2406404846-002 PPW

FOLD LABEL AT DOTTED LINE. AFFIX TO RIGHT SIDE OF HAZARDOUS MATERIAL BILLS SO THAT TAB STICKS OUT.

LT1050 © 1997 LabelTape®

CleanHarbors
ENVIRONMENTAL SERVICES®

Land Disposal Restriction Notification Form

Printed Date :Nov 18, 2024

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.

009193178SKS

Sales Order No: 2406404846-002

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	CH2649786	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	High TOC Ignitable Liquids
D018 D021 F039	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
BENZENE	N	Y	N
CHLOROBENZENE	N	Y	N
M-DICHLOROBENZENE	N	Y	N
O-DICHLOROBENZENE	N	Y	N
P-DICHLOROBENZENE	N	Y	N
PECDDS (ALL PENTACHLORODIBENZO-P-DIOXINS)	Y	N	N
PECDFS (ALL PENTACHLORODIBENZOFURANS)	Y	N	N
TCDDS (ALL TETRACHLORODIBENZO-P-DIOXINS)	Y	N	N
TCDFS (ALL TETRACHLORODIBENZOFURANS)	Y	N	N

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 : Shawn Gardner AS AGENT of GSHI Print Name : SHAWN GARDNER

Title : TECH Date : 11/19/24

Please print or type. Generator acknowledges that no material change has occurred either in the characteristics or in the process generating this material. 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	009193177 SKS

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: Clean Harbors Environmental Services, Inc. — U.S. EPA ID Number: MAD039322250

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 UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (F039, D001, D018, D021), 3, PG III	16	DM	7200	P	D001 D018 D021 F039 B
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.CH2649786 ERG#128

Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generators 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: SHAWN GARDNER AS AGENT OF GSHI — Signature: [signature] — Month: 11 Day: 20 Year: 24

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: JASON PERNAL — Signature: [signature] — Month: 11 Day: 20 Year: 24

Transporter 2 Printed/Typed Name: Colin Graham — Signature: [signature] — Month: 11 Day: 20 Year: 24

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: Kelli Branham — Signature: [signature] — Month: 1 Day: 7 Year: 25

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.
Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM
LAW 240604846-002 PPW

CleanHarbors
ENVIRONMENTAL SERVICES®

Land Disposal Restriction Notification Form

Printed Date :Nov 18, 2024

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.

009193177SKS

Sales Order No: 2406404846-002

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	CH2649786	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	High TOC Ignitable Liquids
D018 D021 F039	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
BENZENE	N	Y	N
CHLOROBENZENE	N	Y	N
M-DICHLOROBENZENE	N	Y	N
O-DICHLOROBENZENE	N	Y	N
P-DICHLOROBENZENE	N	Y	N
PECDDS (ALL PENTACHLORODIBENZO-P-DIOXINS)	Y	N	N
PECDFS (ALL PENTACHLORODIBENZOFURANS)	Y	N	N
TCDDS (ALL TETRACHLORODIBENZO-P-DIOXINS)	Y	N	N
TCDFS (ALL TETRACHLORODIBENZOFURANS)	Y	N	N

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 : Shawn Gardner AS AGENT OF GSH1

Print Name SHAWN GARDNER

Title : TECH

Date : 11/20/24

Please print or type.

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	009193182 SKS

GENERATOR

5. Generator's Name, Mailing Address
Occidental Chem. c/o Miller Springs
805 9th Street
Niagara Falls, NY 14304

Generator's Site Address (if different than mailing address)
SAME

Generator's Phone

6. Transporter 1 Company Name: Clean Harbors Environmental Services, Inc.
U.S. EPA ID Number: MAD039322250

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. UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (F039, D001, D018, D021), 3, PG III	13	DM	5860	P	D001 F039	D018 B	D021
X	2. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (F039), 9, PG III	4	DM	1000	P	F039	B	
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. CH2549786 ERG#128
2. CH2592308 ERG#171

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: SHAWN GARDNER AS AGENT OF GSHI
Signature:
Month: 11 Day: 21 Year: 24

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: JASON PERMAR
Signature:
Month: 11 Day: 21 Year: 24

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	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
Signature
Month Day Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.
Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM
LAW 2406404846-002 PPW

Printed for Safety-Kleen Systems, Inc., Richardson, TX - USA – 800-669-5840 – www.safety-kleen.com

Land Disposal Restriction Notification Form

Printed Date Nov 18, 2024

MANIFEST INFORMATION

Generator: Occidental Chemical Corp c/o Miller Springs	Manifest Tracking Info
Address: 805 97th Street Niagara Falls,NY 14304	009193182SKS
EPA ID #: NYD000767657	Sales Order No: 2406404846-002

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	CH2649786	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	High TOC Ignitable Liquids
D018 D021 F039	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
BENZENE	N	Y	N
CHLOROBENZENE	N	Y	N
M-DICHLOROBENZENE	N	Y	N
O-DICHLOROBENZENE	N	Y	N
P-DICHLOROBENZENE	N	Y	N
PECDDS (ALL PENTACHLORODIBENZO-P-DIOXINS)	Y	N	N
PECDFS (ALL PENTACHLORODIBENZOFURANS)	Y	N	N
TCDDS (ALL TETRACHLORODIBENZO-P-DIOXINS)	Y	N	N
TCDFS (ALL TETRACHLORODIBENZOFURANS)	Y	N	N

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
2.	1	CH2592308	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
F039	NONE

Clean Harbors
ENVIRONMENTAL SERVICES

Land Disposal Restriction Notification Form

Printed Date Nov 18, 2024

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 2

Waste analysis data, where available, is attached.

Signature : Shawn Gardner AS AGENT of GSH/ Print Name SHAWN GARDNER

Title : TECH Date : 11/21/24

CleanHarbors
ENVIRONMENTAL SERVICES®

Land Disposal Restriction Notification Form

Printed Date: Nov 20, 2024

MANIFEST INFORMATION

Generator: Occidental Chemical Corp. c/o Miller Springs

Address: 805 97th Street
Niagara Falls,NY 14304

EPA ID #: NYD000767657

Manifest Tracking Info

009193182 SKS

Sales Order No: 2406404846-002

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	CH2592308	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
F039	NONE

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: Shawn Gardner AS AGENT OF GSH Print Name: SHAWN GARDNER

Title: TECH Date: 11/21/24

Appendix K

30-Day Hazardous Waste Storage Extension Request

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

August 29, 2024

SENT VIA EMAIL ONLY

Joseph Branch
Occidental Chemical
7601 Old Channel Trail
Montague, MI 49437

Dear Joseph Branch:

30-day Extension - Hazardous Waste Storage
Site: Occidental Love Canal
805 97th Street
Niagara Falls, New York 14304
EPA ID Number: NYD000767657

The Department of Environmental Conservation is in receipt of your request for a 30-day extension to the 90-day hazardous waste accumulation time limit due to difficulties with scheduling transportation of waste to Clean Harbors Eldorado. This request is for hazardous waste in storage at the Occidental Love Canal site (NYD000767657) which had been expected to be removed from the site by September 1, 2024 in order to meet the 90-day storage time limit.

Approval is hereby granted for a 30-day extension as provided by 6 NYCRR Part 373-1.1(d)(1)(iii)(e) which allows for an extension to the 90-day accumulation time limit due to unforeseen, temporary, and uncontrollable circumstances. The 30-day extension expires on October 1, 2024.

After the material has been shipped by your facility, please notify me by email at kathleen.emery@dec.ny.gov and attach a copy of the hazardous waste manifest. Note that your facility is under continuing obligation to comply with all applicable State and Federal regulations regarding the management of hazardous waste. If you have questions relating to this matter, please feel free to contact me at 716-851-7220.

Sincerely,

Kathleen Horrigan Emery, P.E.
Regional Hazardous Waste Supervisor
Division of Materials Management/RCRA

ec: Matthew Gillette, P.E, RCRA Compliance, DEC – Albany
eDocs:letter.rcra.NYD000767657.2024-08-29.Love_Canal_Landfill_storage_ext_approval.pdf

30-Day Hazardous Waste Storage Extension Request

New York State Department of Environmental Conservation
Division of Materials Management
625 Broadway, 9th Floor
Albany, NY 12233-7256

Please note that generators may only be granted one extension for a particular situation and must be able to prove to DEC that their need for an extension is due to temporary, unforeseen, and uncontrollable circumstances.

If you need assistance filling out this form, please email info.sqg@dec.ny.gov or call 518-402-8652.

FACILITY INFORMATION

Facility Name: Love Canal Landfill			
Facility Location Address: 805 97th Street	**Facility City:** Niagara Falls	**State:** NY	**Zip Code:** 14304
EPA Identification #: (Should begin with "NY") NYD000767657		**Facility Phone Number:** (231) 670-6809	
Facility Generation Category: ☑ LQG ☐ SQG		**NYSDEC Region #:** 9	
Facility Contact: Joseph Branch	**Contact Phone Number:** (231) 670-6809	**Contact Fax Number:** N/A	
Facility Contact Address (if different from above): 7601 Old Channel Trail	**Contact City** Montague	**State:** MI	**Zip Code:** 49437
Contact Email Address: joseph_branch@oxy.com			

HAZARDOUS WASTE INFORMATION

Hazardous Waste Disposal Vendor Name: Clean Harbors Environmental Svcs.	**Hazardous Waste Disposal Vendor Address:** 16319 E Marshall St. Tulsa, OK 74116

Affected Waste(s) Description: (Provide a description of the type, quantity and oldest accumulation start date for each waste stream that you are requesting this extension for [e.g., six 55-gal drums hydrochloric acid 1/1/2021])

Spent activated carbon from the remedial groundwater treatment system. Qty-1 20-yd dewatering rolloff containing 20,000 bs of spent activated carbon; start date: June 3, 2024

Extension Justification: (Describe how your current situation meets the standard of temporary, unforeseen, and uncontrollable circumstances)

The disposal facility requested new data to support the existing profile including dioxin/furans testing that has a 12 week TAT. Upon receipt of data after a quick TAT of about 6 weeks, a new profile was prepared and submitted for approval at the beginning of August 2024. Profile review by CH resulted in a request for additional information and then due to D/F content approval into usual disposal facility (Eldorado) was rejected and new facility had to be found. New facility (Aragonite, UT) accepted waste today (8/29), however due to the approval delay, no transporter is available until the week of September 9th. Therefore we request and extension to facilitate shipment.

Owner/Operator/Authorized Representative Name: CLINT BABCOCK	**Owner/Operator/Authorized Representative Signature:** Clinton J Babcock

DEC requires that these requests be submitted by email so the Department can respond to your request in a timely manner. Email your completed request form to the appropriate DEC Regional contact and info.sqg@dec.ny.gov. DEC contact information can be found on the next page.

NEW YORK STATE | Department of Environmental Conservation

Last updated: November 28, 2022

DEC Contact Information

REGION 1
SUNY @ Stony Brook
50 Circle Road
Stony Brook NY 11790
Walter Parish
walter.parish@dec.ny.gov
(631) 444-0240

REGION 2
47-40 21st Street
Long Island City NY 11101
Sharif Rahman
sharif.rahman@dec.ny.gov
(718) 482-7968

REGION 3
21 South Putt Corners Rd
New Paltz NY 12561
David Pollock
david.pollock@dec.ny.gov
(845) 256-3138

REGION 4
1130 N. Westcott Rd.
Schenectady NY 12306
Brian Maglienti
brian.maglienti@dec.ny.gov
(518) 357-2085

REGION 5
232 Golf Course Road
Warrensburg NY 12885
Kevin Wood
kevin.wood@dec.ny.gov
(518) 623-1233

REGION 6
317 Washington St.
Watertown NY 13601
Gary McCullouch
gary.mccullouch@dec.ny.gov
(315) 785-2427

REGION 7
615 Erie Blvd. West
Syracuse NY 13204
Steve Perrigo
steve.perrigo@dec.ny.gov
(315) 426-7414

REGION 8
6274 E. Avon-Lima Rd.
Avon NY 14414
Greg MacLean
RCRA.R8@dec.ny.gov
(585) 226-5408

REGION 9
700 Delaware Ave.
Buffalo, NY 14209
Kathleen Emery
kathleen.emery@dec.ny.gov
(716) 851-7220

CENTRAL OFFICE
Division of Materials Management
9th Floor
625 Broadway
Albany NY 12233
Thomas Killeen
thomas.killeen@dec.ny.gov
(518) 402-9674