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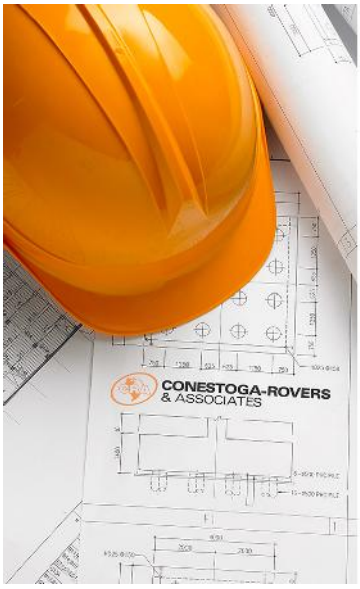



Report

2013 Site Management Periodic Review Report
Love Canal Site

Glenn Springs Holdings, Inc.
Niagara Falls, New York

Prepared for: Glenn Springs Holdings, Inc.

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Niagara Falls, New York 14304

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Partners in Sustainability

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Section 1.0 Introduction

Operation of the Love Canal Site (Site) 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. Beginning October 1, 2008, GSH contracted Conestoga-Rovers & Associates (CRA) to perform operation, maintenance, monitoring, and reporting activities for the Site under direct management of GSH.

This report is the nineteenth annual report prepared by or on behalf of OCC and covers operation, maintenance, and monitoring activities for 2013. The completed 2013 NYSDEC Institutional and Engineering Controls Certification Form is included as Appendix A.

Section 2.0 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. Installed within the trench is a perforated vitrified clay tile pipe. The pipe is 6-inch diameter in the Central and North Sectors and both 6-inch and 8-inch diameter 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 sand similar to the barrier drain, were dug perpendicular to the barrier drain in the direction 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 leachate is pumped from the 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. The leachate is then pumped to the on-Site Love Canal Treatment Facility (LCTF) where it is treated and 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.

The installation of a 22-acre clay cap over the entire former Canal area was completed in October 1980 following completion 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 newer cap 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 continues to function as designed, with no major maintenance required. As required by the Site's NYSDEC-approved Operation and Maintenance (O&M) Manual (Miller Springs Remediation Management/GSH), (revised January 2013, currently awaiting NYSDEC approval), visual inspections of the barrier drain components, including manholes and pump chambers, were conducted on April 8 and October 9, 2013. The visual inspections showed that the flumes of the manholes were flowing freely and required no further maintenance. The visual inspections were documented on the 2013 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 and the Southern. Leachate from the Northern/Central Sector drains to pump chambers PC-1A and PC-2A where it is pumped to pump chamber PC-3A, while 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 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 was operational and functioned as designed throughout 2013.

2.1.3 102nd Street Landfill Forcemain

The leachate forcemain construction was completed in March 1999 and is used for the transfer of leachate from the 102nd Street Landfill to the LCTF. The forcemain begins at the northwest corner of the 102nd Street Landfill and extends northward beneath River Road, LaSalle Expressway, and Frontier Avenue to pump chamber PC-3 at the Site. During 2013, the leachate collection system at 102nd Street pumped 241,176 gallons of leachate to the LCTF.

Section 3.0 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 discharged to the NFWB sanitary sewer system as authorized by the Site's SIU Permit #44. In 2010, the NFWB reissued Permit #44 to OCC for an additional 5 years. The permit is valid from January 8, 2010 through January 8, 2015. A copy of the permit is included as Appendix C.

3.1.2 Effluent Discharge

The LCTF discharged to the NFWB sanitary sewer system 234 days in 2013.

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. On July 20, 2013, the NFWB sent out a "Notice of Treatment Disruption" via email notifying SIU permit holders that due to recent extreme rainfall events, the NFWB could not provide treatment to any wastewater discharged to the NFWB collection system. As a result of this notification, LCTF did not discharge between July 21 and July 25, 2013. During this time, the pumping system continued to operate, and leachate was stored in the process tanks until treatment and discharge was again permitted on July 26, 2013.

In 2013, the LCTF processed a total of 5,087,758 gallons of leachate. This total was comprised of 4,846,582 gallons of leachate from the Site and 241,176 gallons of leachate from the 102nd Street Landfill.

Table 3.1 shows the monthly total and average treated groundwater quantities from 2000 through 2013.

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. The quarterly effluent sampling for 2013 was performed on March 6, June 5, September 16, and December 4, 2013. The sample results were submitted to the NFWB quarterly as required by the permit. The results for each event were in compliance with the requirements of the Site's SIU permit.

3.1.4 Precipitation

In 2013, precipitation in the Niagara Falls region totaled 46.01 inches (Buffalo, New York National Weather Service data). Table 3.1 provides historic regional precipitation data from 2000 through 2013.

3.2 Groundwater Monitoring

Groundwater monitoring consists of both chemical monitoring to determine groundwater quality and hydraulic monitoring to demonstrate that the barrier drain is creating hydraulic containment. 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.

The monitoring results for 2013 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 lead to this decision being documented in an August 5, 2010 memo titled "Love Canal Annual Groundwater Sampling Schedule," presented in Appendix D.

It should be noted that overburden well 3151 is included on the Appendix D list; however, this well was noted in 2007 as "Well no longer available – destroyed" and cannot be located. Therefore, this well has not been sampled since 2007. In addition, overburden well 10178A and bedrock wells MW-01 and MW-02 were added to the annual sampling program in 2011.

The 2013 annual groundwater chemical monitoring event was performed between June 10 and June 18, 2013. As part of the annual groundwater chemical monitoring efforts in 2013, 41 observation wells were sampled. As part of the LTGMP, the NYSDEC has the option of collecting split samples during the annual event and having those samples analyzed independently to verify data. During the June 2013 annual sampling event, the NYSDEC collected split samples from monitoring locations 5221, 7161, 8106, 8130, 9115, 9140, 10225A, MW-1, and MW-2.

In June 2013, groundwater samples were collected from 21 overburden and 20 bedrock observation wells in support of the LTGMP. The samples were submitted to TestAmerica Laboratories, Inc. (TA), located in Pittsburgh, Pennsylvania. TA is a New York State Department of Health (NYSDOH) approved laboratory certified under the National Environmental Laboratory Approval Program (NELAP). The

samples were analyzed for Site-specific volatiles, semi-volatiles, pesticides, and polychlorinated biphenyls (PCBs). The raw data laboratory package is presented on a CD in Appendix E. A CRA 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 identifies the wells sampled and their locations. The Love Canal Annual Groundwater Sampling Schedule is presented in Appendix D. Table 3.2 provides a summary of the overburden wells that were sampled, the analytical data, and a summation of the number of compounds found at or above 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 found at or above the detection limits in each well.

3.2.1.1 Overburden Monitoring Wells

The 2013 groundwater analytical results for the overburden monitoring wells (Table 3.2) 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 (with the exception of groundwater from well 10135, which is installed in an area of known Site impacts).

Historically, well 10135 has had the most detected compounds and the highest concentrations. 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 adjacent nested piezometer string 1160. As stated in the LTGMP, well 10135 is located in an area of known contamination and is sampled to present a representative control well. In 2013, well 10135 had 19 compounds detected. Table 3.4 presents a summary of detected compounds.

3.2.1.2 Bedrock Monitoring Wells

The 2013 groundwater analytical results for the bedrock monitoring wells (Table 3.3) 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. In 2012, hexachlorobenzene was detected at monitoring well 10225A at a concentration of 3.6 micrograms per liter (µg/L), within the historic non-detect range of 1.9 U to 10 U. In 2013, hexachlorobenzene was non-detect at well 10225A (1.9 U) and remained non-detect at the adjacent bedrock wells 10225B and 10225C. Well 10225A will continue to be monitored annually for groundwater quality according to the NYSDEC-approved groundwater sampling program. Table 3.4 presents a summary of detected compounds.

3.2.1.3 Historic Compound Detections

Table 3.5 presents a summary of detected compounds of four long-term monitoring wells, including three bedrock wells and one overburden well (bedrock wells 10210A, 10210B, and 10210C, and overburden well 10135) from 1990 to 2013. 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. The data from the additional Site wells not presented in Table 3.5 are typically non-detect or demonstrate sporadic low level detections and, therefore, do not present useful data in regards to a discussion of historical analytical trends at the Site. An evaluation of the 2013 sampling data for these four wells shows that the compounds detected in 2013 are present at sporadic low level concentrations or concentrations consistent with historical trends.

3.2.2 Hydraulic Containment

Hydraulic monitoring consists of water level measurements conducted quarterly from six nested piezometer strings (1140, 1150, 1160, 1170, 1180, and 1190) per the NYSDEC-approved LTGMP, as well as water level measurements collected from three wells (7161, 9130, and 9140) in June 2013 as requested by the NYSDEC. In 2013, water levels were measured in March, June, September, and December. The water level data are presented in Tables 3.6A to 3.6F. The wells on the tables are ordered from the well furthest from the outside of the barrier drain to the well inside the area enclosed by the barrier drain. Figures 3.3 to 3.8 show the overburden groundwater flow conditions for June 2013.

A review of the piezometer string groundwater elevation data from the remaining three quarters (March, September, and December 2013) demonstrates that the data from those monitoring periods is consistent with the June 2013 data.

In addition to the above-mentioned information, a groundwater contour figure was prepared using the June 2013 water levels from the six nested piezometer strings. The June 2013 groundwater contour figure is presented as Figure 3.9.

The groundwater contour figure and Tables 3.6A to 3.6F illustrate that there is a minimum of 3.85 feet of inward gradient outside of the barrier drain at each of the six nested piezometer strings. 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. This 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 outside of the barrier drain is towards the barrier drain. A review of Figure 3.9 shows that groundwater flow on the inside of the barrier drain is also towards the barrier drain. Therefore, the

barrier drain and lateral trenches are capturing leachate from the landfill area and a portion of groundwater outside the barrier drain, thereby preventing off-Site migration of chemicals and preventing off-Site groundwater from migrating into the landfill area. Monitoring will continue during 2014 as per the NYSDEC-approved LTGMP.

3.2.3 Well Maintenance

The 2013 well inspections identified the need for routine maintenance on several wells at the Site. This maintenance was conducted during the summer and fall of 2013, and included the following:

- Nineteen wells at the Site had curb boxes or protective casing pads replaced or repaired due to normal wear, freeze/thaw effects, etc.
- J-plugs were replaced at seven wells due to normal wear.
- Additional minor maintenance work was required at several wells, including painting well risers, replacement of well caps, etc.

3.2.4 Summary of Treatment and Monitoring Results

The volume of effluent discharge from the LCTF increased from 4,149,060 gallons in 2012 to 5,087,758 gallons in 2013, a number consistent with volumes from previous years with similar precipitation levels. Quarterly sampling and analysis found that all chemistry detected in the effluent samples for each event was either non-detect or present at very low levels within historic ranges.

The inward hydraulic gradient observed at each of the six nested piezometer strings demonstrates that the barrier drain is effectively capturing leachate from the Site and preventing off-Site migration of chemicals. The analytical results from the monitoring wells sampled were either non-detect for all analytes, or any chemistry detected within the monitoring wells was present at low levels below and consistent with concentrations from previous years (with the exception of groundwater from well 10135, discussed in Section 3.2.2), further illustrating containment.

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.

Section 4.0 Activities

Summaries of normal activities and repairs performed in 2013 are presented below.

4.1 Process Activities

Process activities that occurred during the year included the following:

- Removal and disposal of hazardous waste
- Implementation control upgrades to components of the pumping and treatment system
- Cleaning of all pump chambers
- Cleaning of all storage tanks and clarifier
- Replacement of the DCF flow meter
- Replacement of the PC3 and PC3A flow meters
- Replacement of the level probe in PC2
- Replacement of the variable frequency drive (VFD) for the raw water feed pump

4.2 Non-Process Activities

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

- Preventative maintenance
- Cleaned drum barn
- Cleaned process building
- Landscaping maintenance including grass cutting and tree and flower bed maintenance

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 2013:

- Maintenance and landscaping of the Site and surrounding areas
- Maintenance of flower beds and shrubs along Colvin Boulevard, 95th Street, and Frontier Avenue
- Cleanup of discarded debris along fence line

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. The following tours were given in 2013:

- June 6, 2013 –New York and New Jersey Education and Research Center
- September 11, 2013 –University at Buffalo student interns working for NYSDEC

4.3.3 Communications

All required reports were prepared and submitted to various agencies throughout the year. Reports included the 2012 Annual Hazardous Waste Report to the NYSDEC, the 2012 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 and NYSDEC.

The Love Canal Annual Newsletter for 2012 was issued to surrounding citizens and agencies in May 2013. 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 2013, 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 8,850 pounds of hazardous waste was generated from various activities. The waste materials were then sent off Site for proper disposal in accordance with applicable laws and regulations. Wastes generated in 2013 were transported and disposed of through incineration or landfill impoundment by Clean Harbors, LLC.

The hazardous waste disposed of in 2013 consisted of soil/debris and non-aqueous phase liquid (NAPL), broken down as follows:

- Soil/Debris: 1,250 pounds (consisting of personal protective equipment [PPE]) and spent filters from operations)
- NAPL: 7,600 pounds (NAPL collected by treatment processes and from 102nd Street)

4.5 Routine Operations, Inspections, and Monitoring

A daily inspection of the system operations was performed for each day in 2013 in accordance with the O&M Manual for the Love Canal Site, dated October 2002. Inspection records are available upon request.

Monthly inspections of the fire extinguishers and monthly checks of the carbon vapor phase vent for breakthrough were also completed in accordance with the O&M Manual. Inspection records are available upon request.

The NFWB performed an annual inspection of the LCTF on January 11, 2013 and verification sampling of the effluent discharge on January 23, 2013. 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 2013 Inspection Form is included in Appendix G.

The United States Environmental Protection Agency (USEPA) conducted their 5-Year review inspection of the Site on July 11, 2013. Representatives of the USEPA, NYSDEC, Niagara County Department of Health, GSH, and CRA were in attendance. No issues were identified. The "Five-Year Review Report – Love Canal Superfund Site" was finalized on January 15, 2014. The report concluded:

"Based upon the results of this review, the U.S. Environmental Protection Agency concludes that the remedies implemented at this Site adequately control exposures of Site contaminants to human and environmental receptors to the extent necessary for the protection of human health and the environment. The continued operation and maintenance at the Site ensures that there are no site-related exposures of hazardous material to human or environmental receptors".

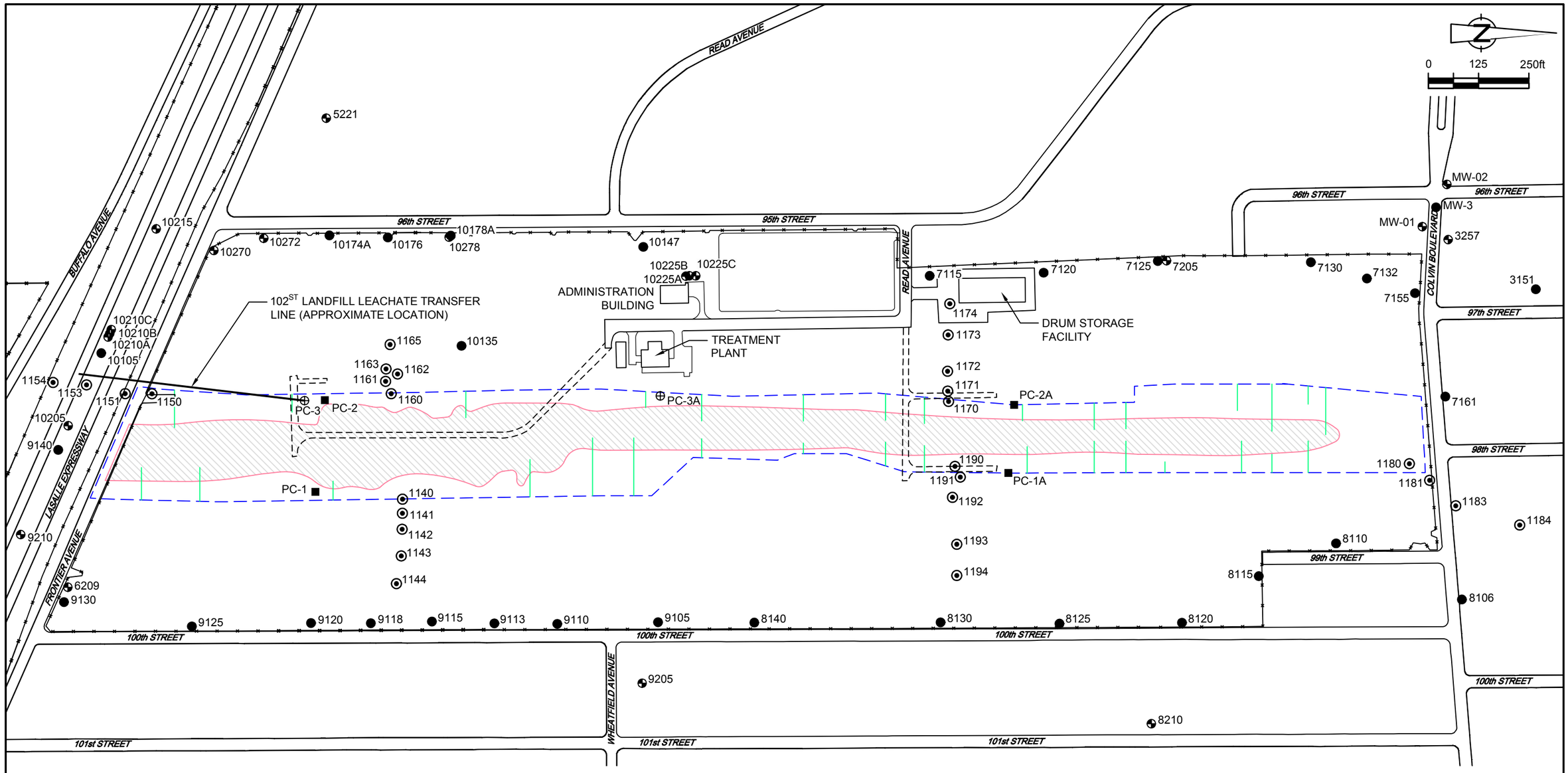
The backflow preventer system on the potable water supply lines was inspected and tested by CamTech Plumbing and Mechanical (CamTech) on March 7, 2013. CamTech is licensed and certified by the NFWB to perform the backflow preventer system inspections. All five backflow prevention devices were found to be operational with no maintenance required. A copy of the 2013 Test and Maintenance of Backflow Prevention Device Report for each device is presented in Appendix H.

The annual fire system inspection was conducted on November 30, 2013. No issues were identified.

The NYSDEC Hazardous Waste Inspection was carried out on October 2, 2013. No issues were identified. A copy of the inspection report completed by the NYSDEC is included as Appendix I.

Section 5.0 Conclusion

The 2013 monitoring results show that there has been no significant change in chemical concentration conditions and that the barrier drain system is successfully capturing leachate from the Site and preventing off-Site migration of contamination. The barrier drain continues to create an inward hydraulic gradient and capturing leachate from the Site and preventing off-Site migration of chemicals, as evidenced by the groundwater gradients depicted on Figures 3.3 to 3.9 and analytical data from observation wells around the perimeter of the Site. The collection system is functioning as designed based on groundwater monitoring results and third party inspections by the NYSDEC. 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 SIU discharge permit. There were 5,087,758 gallons of leachate collected, treated, and discharged from the Site, of which 4,846,582 gallons of leachate were collected from the Site, and the remaining 241,176 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 properly.



LEGEND

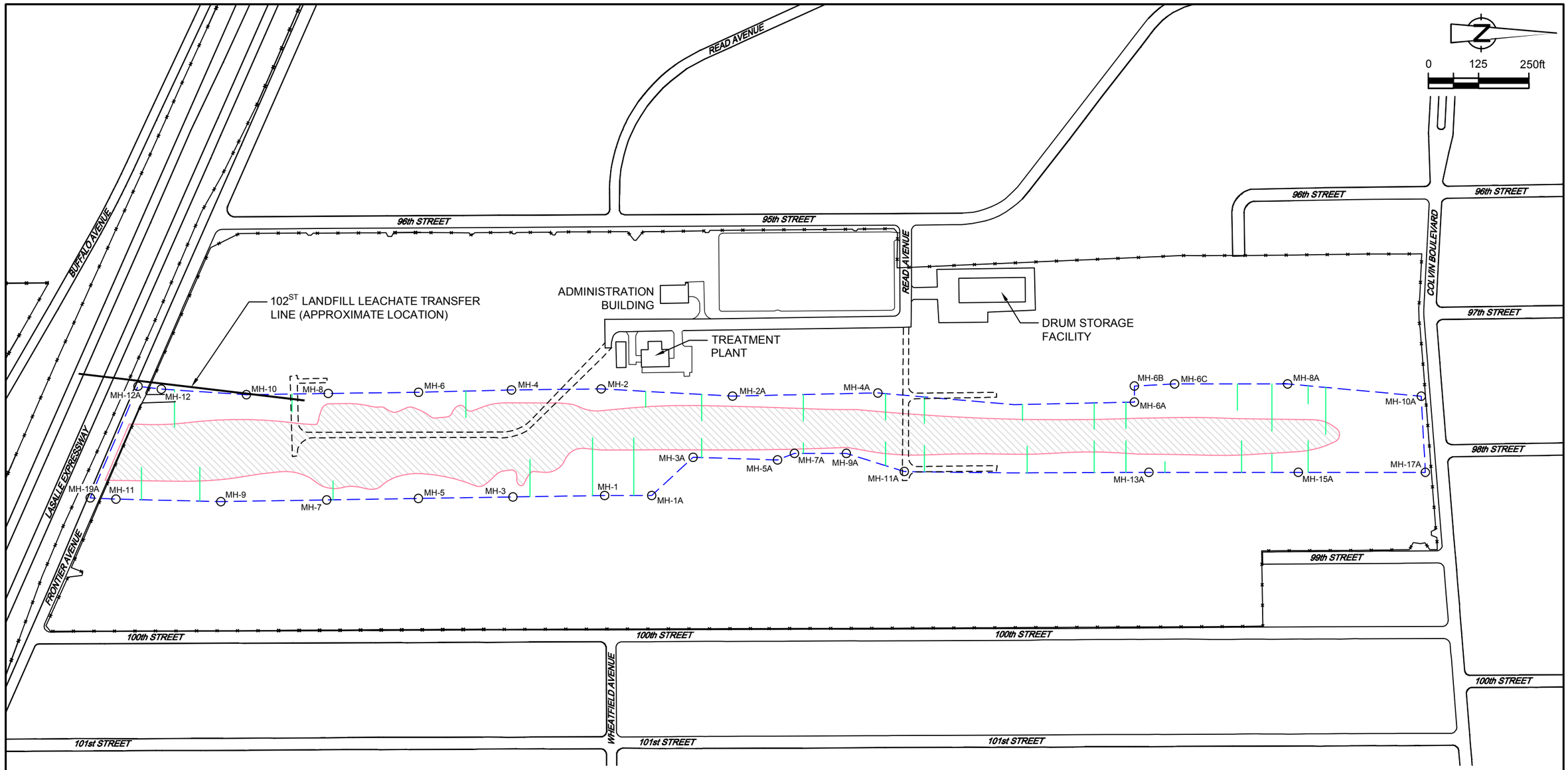
FENCE LINE	10270 BEDROCK OBSERVATION WELL
BARRIER DRAIN	PC-1 PUMP CHAMBER FOR LEACHATE COLLECTION
LATERAL TRENCH	PC-3 PUMP CHAMBER / UNDERGROUND LEACHATE STORAGE TANK FOR LEACHATE COLLECTION AND TRANSFER
7105 PIEZOMETER	APPROXIMATE LIMITS OF DISPOSED WASTE
9120 OVERBURDEN OBSERVATION WELL	

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

figure 2.1

SITE PLAN
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

09954-D23101(028)GN-WA001 NOV 29/2013



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- APPROXIMATE LIMITS OF DISPOSED WASTE
- MH-1 MANHOLE LOCATION

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

figure 2.2

MANHOLE LOCATIONS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

09954-D23101(028)GN-WA012 JAN 29/2014

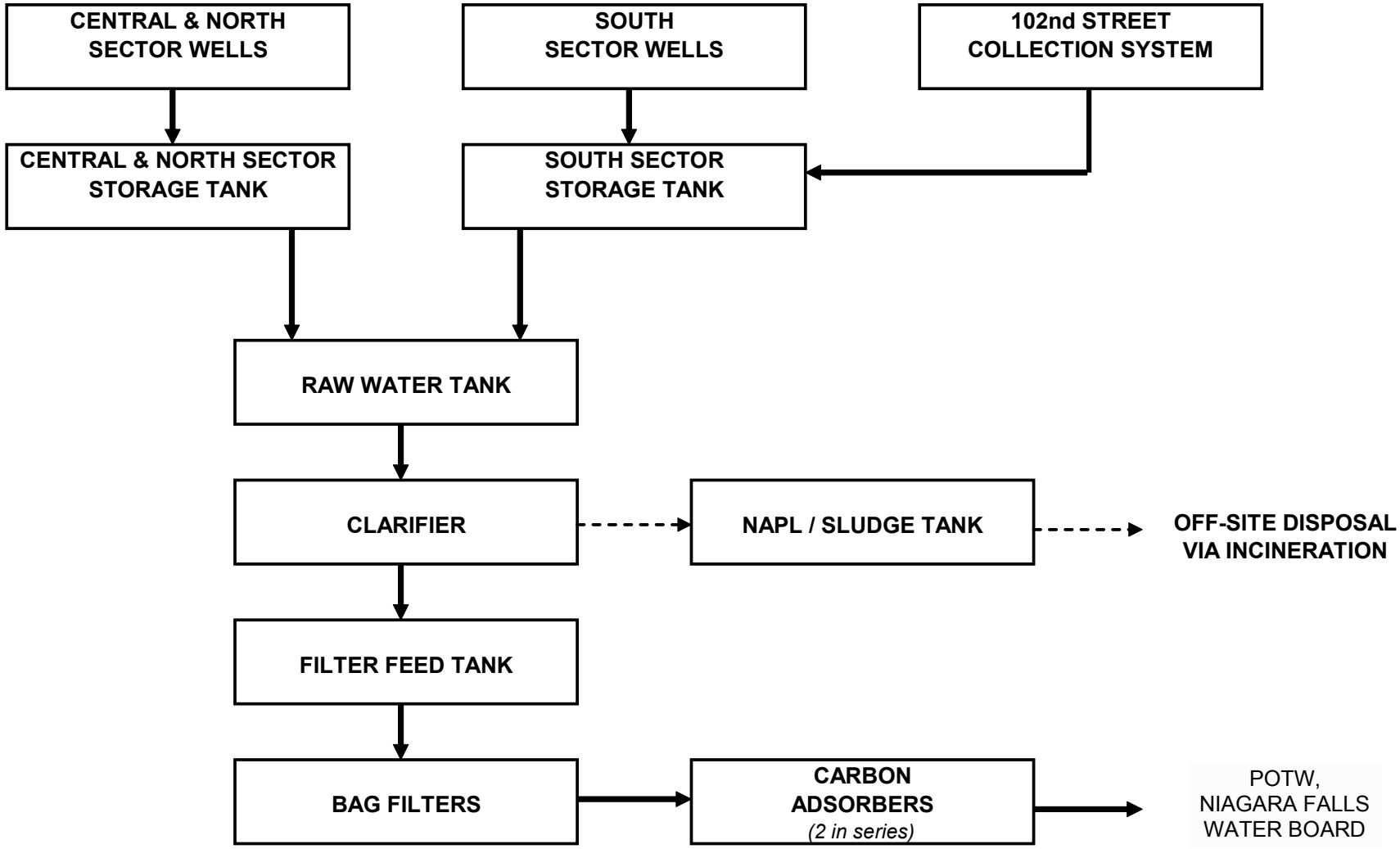
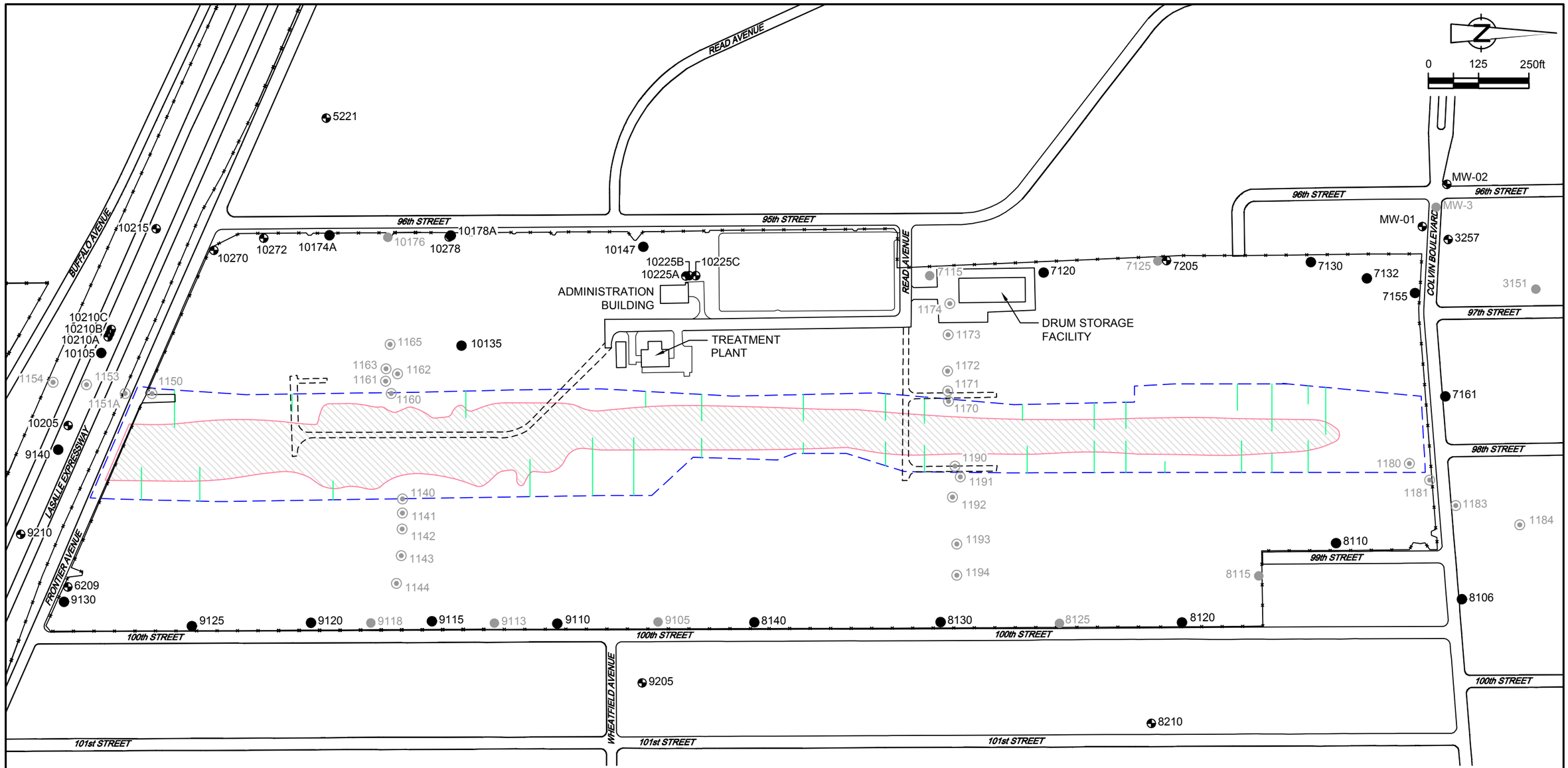


figure 3.1

PROCESS SCHEMATIC
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- 7105 PIEZOMETER
- 9122 OVERBURDEN OBSERVATION WELL
- 5222 BEDROCK OBSERVATION WELL
- 9205 OVERBURDEN OBSERVATION WELL SAMPLED IN 2013
- 10270 BEDROCK OBSERVATION WELL SAMPLED IN 2013
- APPROXIMATE LIMITS OF DISPOSED WASTE

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

figure 3.2

2013 GROUNDWATER MONITORING LOCATIONS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

09954-D23101(028)GN-WA003 NOV 29/2013

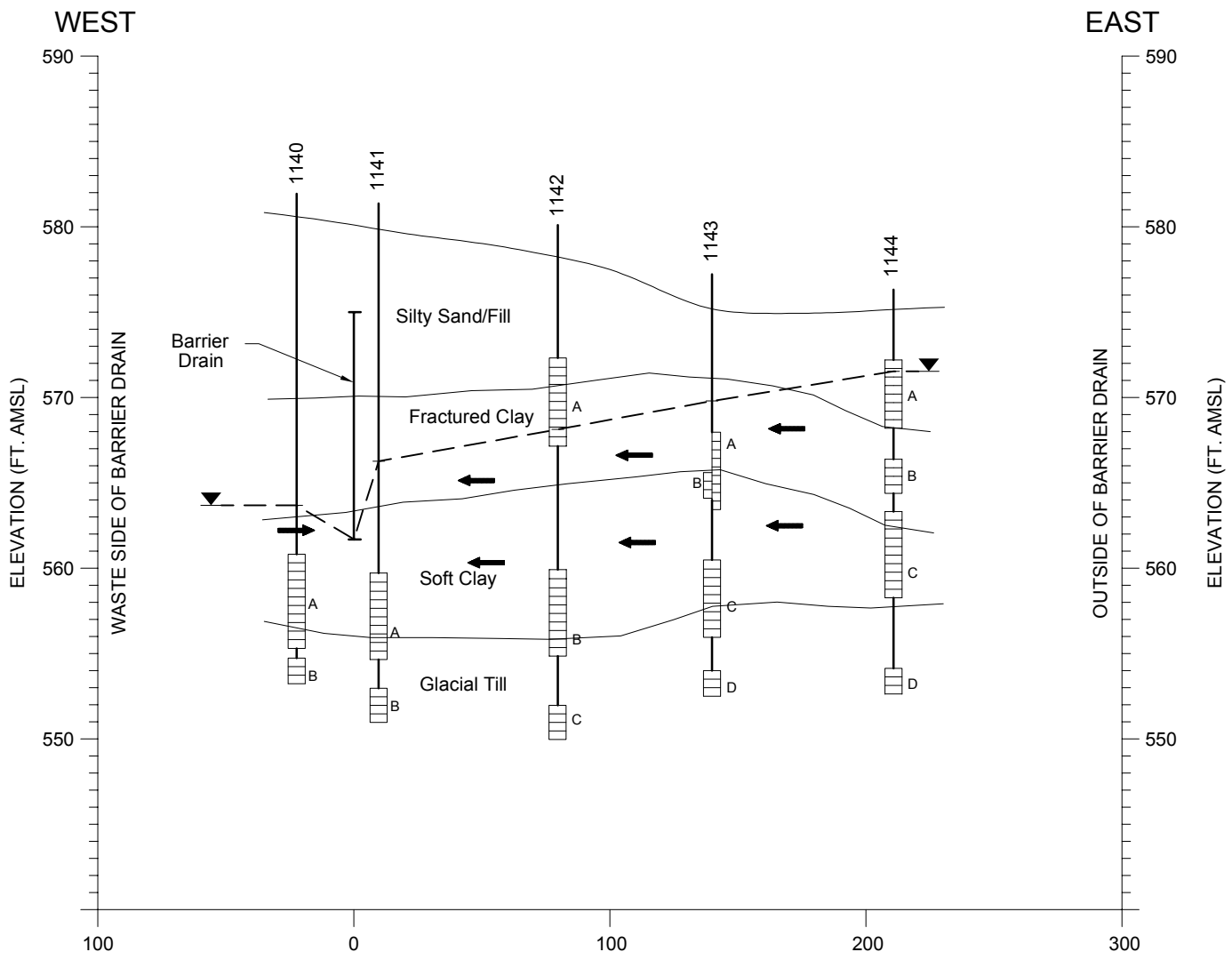


figure 3.3

JUNE 2013 FLOW DIAGRAM
1140 SERIES PIEZOMETERS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

LEGEND

A PIEZOMETER DESIGNATION

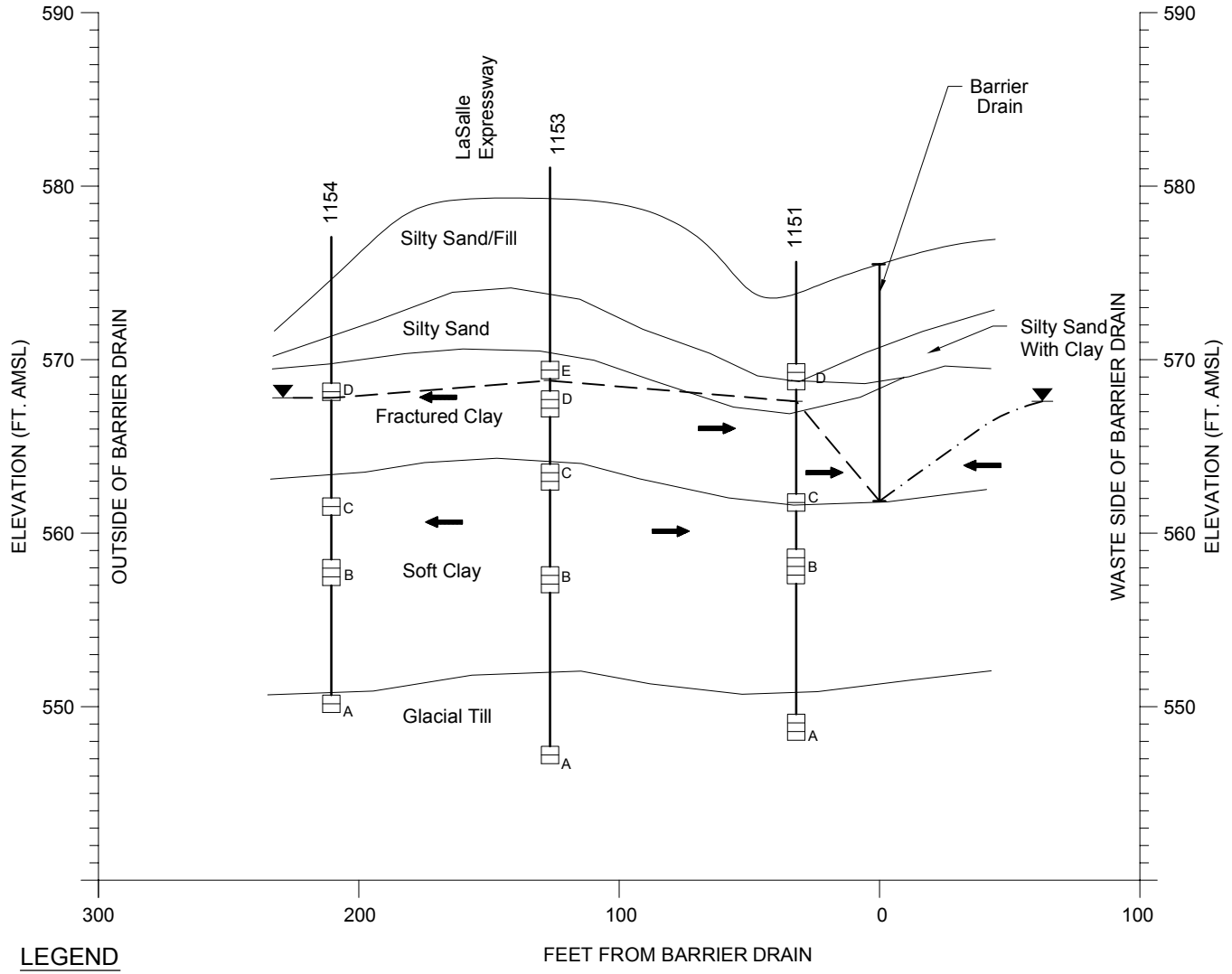
GROUNDWATER LEVEL

FLOW DIRECTION

SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR LOWERMOST MONITORED INTERVAL WITHIN SOFT CLAY MEDIUM

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.



LEGEND

A PIEZOMETER DESIGNATION

GROUNDWATER LEVEL

ESTIMATED GROUNDWATER LEVEL

FLOW DIRECTION

SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR LOWERMOST MONITORED INTERVAL WITHIN SOFT CLAY MEDIUM

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

figure 3.4

JUNE 2013 FLOW DIAGRAM
1150 SERIES PIEZOMETERS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

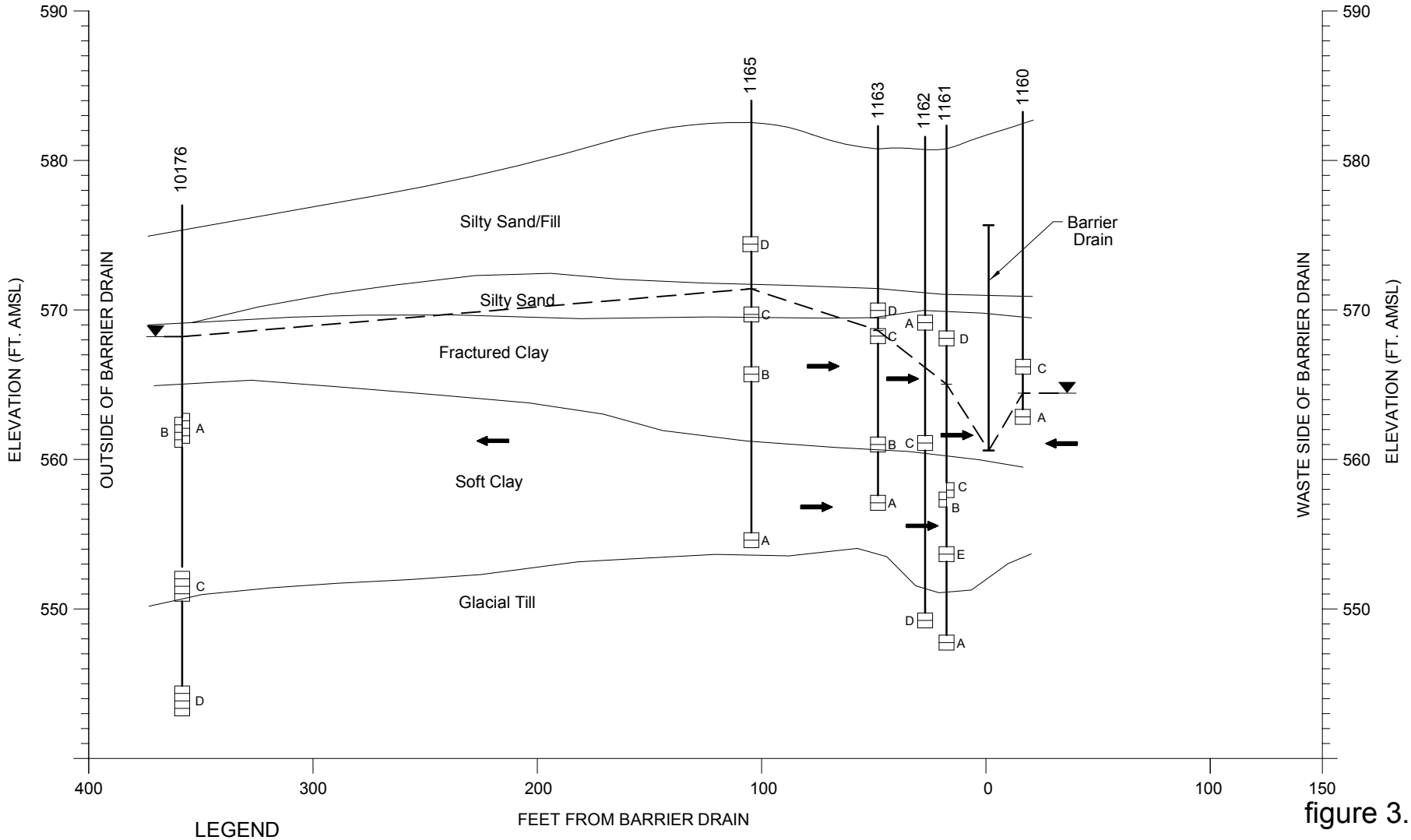


figure 3.5

LEGEND

A — PIEZOMETER DESIGNATION

— — — GROUNDWATER LEVEL

→ FLOW DIRECTION

SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR LOWERMOST MONITORED INTERVAL WITHIN SOFT CLAY MEDIUM

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

(3) WELL SCREEN 1163 D MOVED UP TO MATCH FIELD MEASUREMENTS.

JUNE 2013 FLOW DIAGRAM
1160 SERIES PIEZOMETERS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

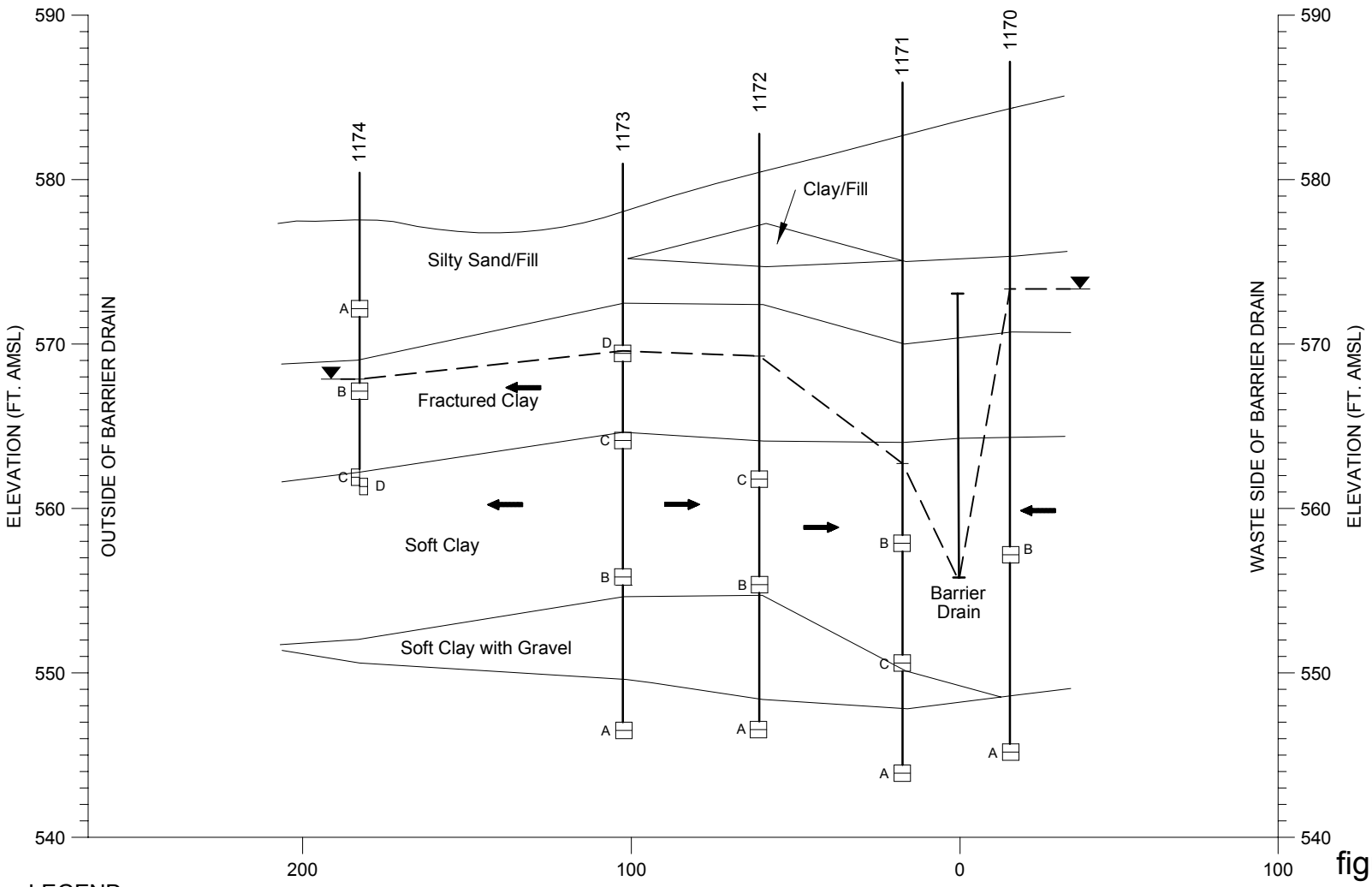


figure 3.6

LEGEND

A PIEZOMETER DESIGNATION

GROUNDWATER LEVEL

FLOW DIRECTION

SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR LOWERMOST MONITORED INTERVAL WITHIN SOFT CLAY MEDIUM

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

JUNE 2013 FLOW DIAGRAM
1170 SERIES PIEZOMETERS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

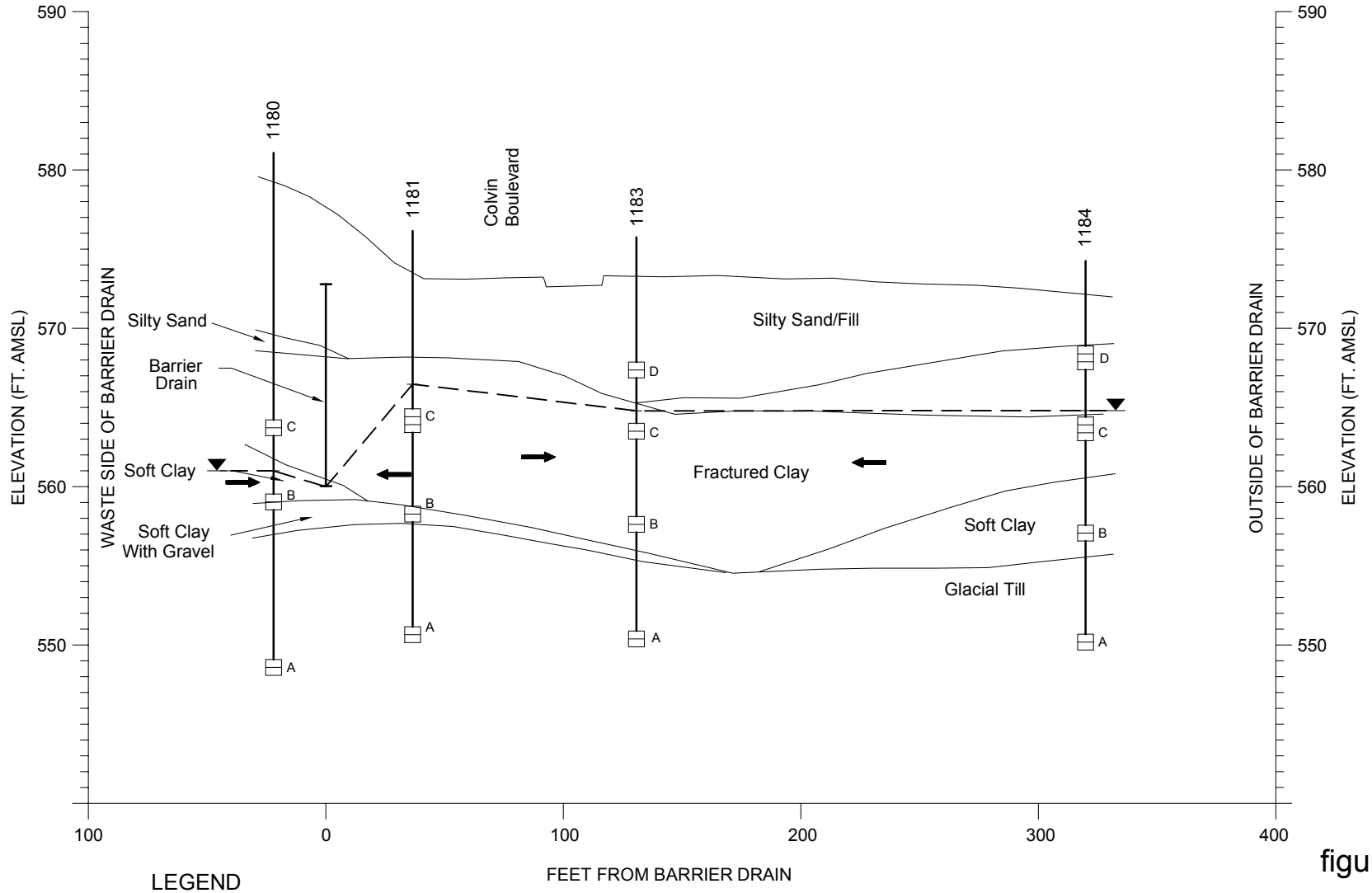


figure 3.7

JUNE 2013 FLOW DIAGRAM
1180 SERIES PIEZOMETERS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

LEGEND

A PIEZOMETER DESIGNATION

GROUNDWATER LEVEL

FLOW DIRECTION

SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR LOWERMOST MONITORED INTERVAL WITHIN SOFT CLAY MEDIUM

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

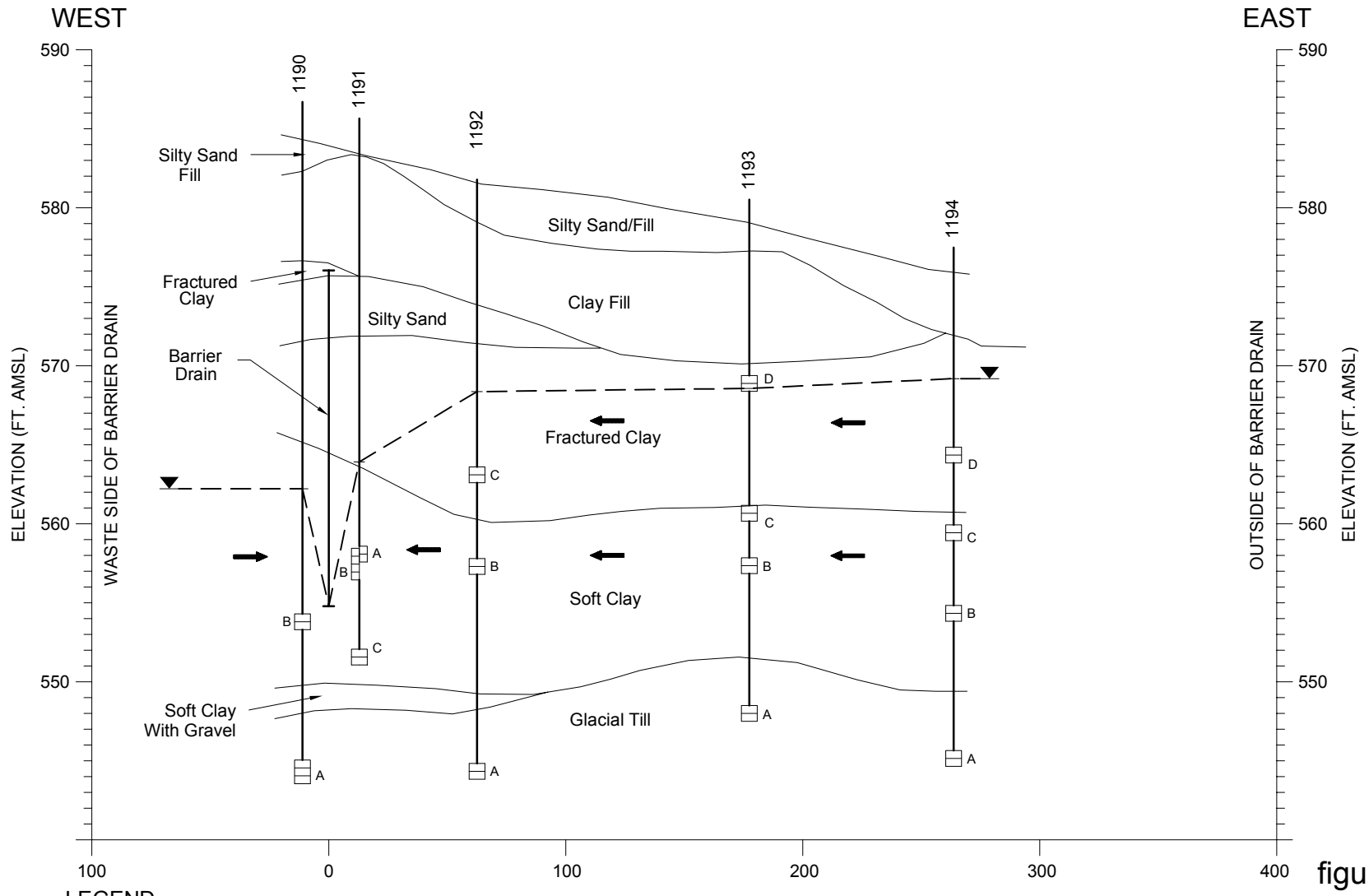


figure 3.8

LEGEND

A PIEZOMETER DESIGNATION

GROUNDWATER LEVEL

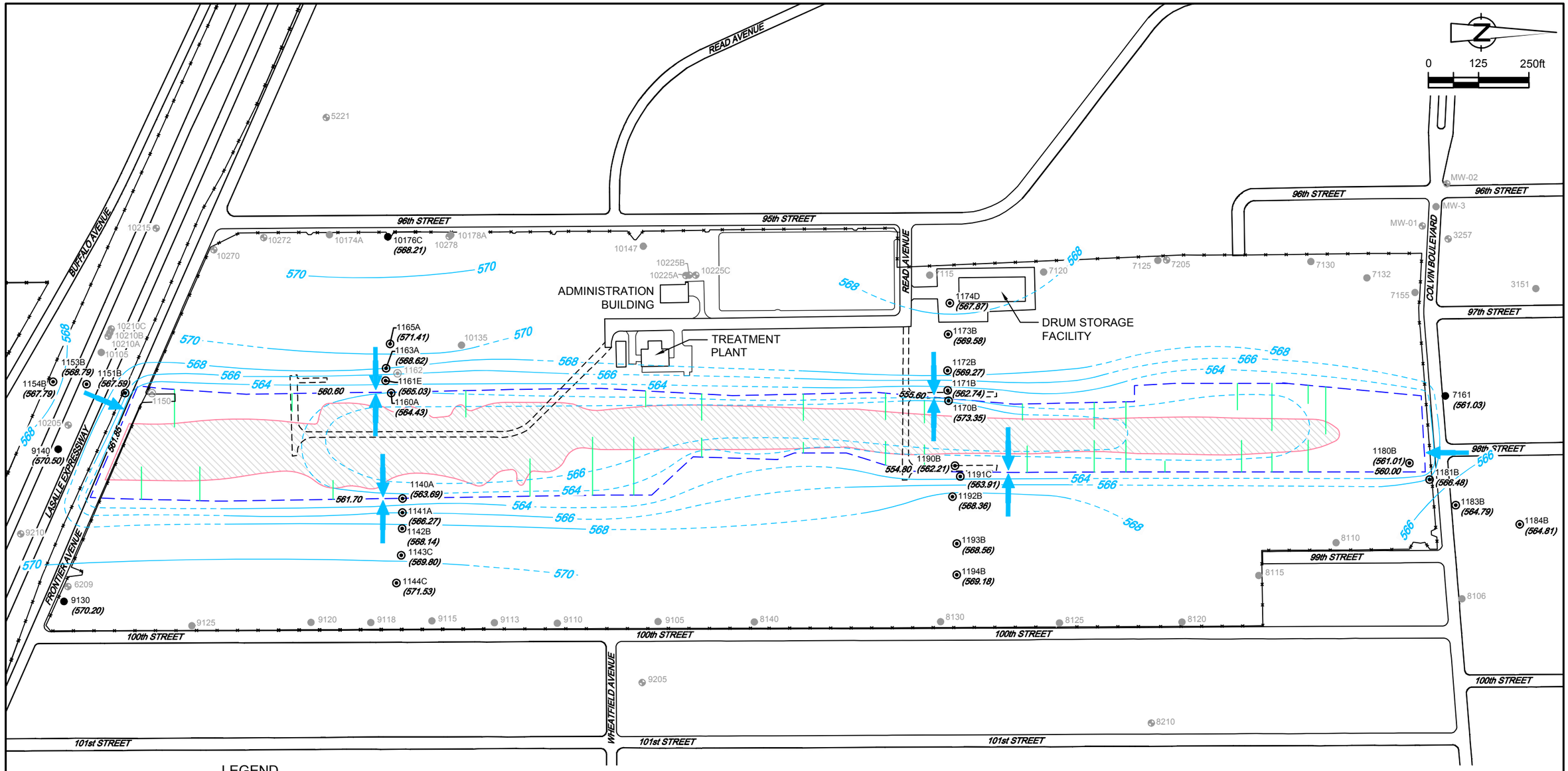
FLOW DIRECTION

SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR LOWERMOST MONITORED INTERVAL WITHIN SOFT CLAY MEDIUM

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

JUNE 2013 FLOW DIAGRAM
1190 SERIES PIEZOMETERS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York



LEGEND

- FENCE LINE
- BARRIER DRAIN
- LATERAL TRENCH
- 7105 PIEZOMETER
- 9120 OVERBURDEN OBSERVATION WELL
- 7105 PIEZOMETER (NOT PART OF HYDRAULIC MONITORING PROGRAM)
- 9120 OVERBURDEN OBSERVATION WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM)
- 5222 BEDROCK OBSERVATION WELL (NOT PART OF HYDRAULIC MONITORING PROGRAM)
- APPROXIMATE LIMITS OF DISPOSED WASTE
- (571.53) GROUNDWATER ELEVATION (JUNE 2013)
- 566 GROUNDWATER CONTOUR (JUNE 2013)
- INFERRED GROUNDWATER CONTOUR (JUNE 2013)
- GROUNDWATER FLOW DIRECTION
- 554.80 ELEVATION OF THE BOTTOM OF THE BARRIER DRAIN

figure 3.9

JUNE 2013 GROUNDWATER CONTOURS
LOVE CANAL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

09954-D23101(028)GN-WA010 JAN 31/2014

TABLE 3.1

MONTHLY VOLUMES OF GROUNDWATER TREATED
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

			2000	*2001*	*2002*	*2003*	*2004*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*
January	Gross		**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**	**600,400**
	Net	(1)	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	575,767
	Days	(2)	21	20	21	14	10	17	16	20	18	16	17	18	15	18
February	Gross	(3)	**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**	**495,900**
	Net		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	478,434
	Days		21	19	20	13	9	11	9	7	16	13	10	19	16	19
March	Gross		**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**	**488,000**
	Net		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	467,083
	Days		23	21	21	17	21	13	13	16	12	18	17	21	16	20
April	Gross		**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**	**533,800**
	Net		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	516,478
	Days		20	20	20	16	17	14	6	14	12	16	15	11	18	22
May	Gross		**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**	**148,500**
	Net		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	129,687
	Days		20	17	20	14	10	5	4	12	11	14	18	17	16	18
June	Gross		**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**	**497,300**
	Net		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	478,285
	Days		20	16	14	13	9	6	5	4	6	7	13	16	12	18
July	Gross		**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**	**280,000**
	Net		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	260,823
	Days		20	16	16	11	7	3	5	6	6	7	4	5	9	19
August	Gross		**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**	**193,144**
	Net		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	168,418
	Days		23	18	17	8	10	5	10	5	6	18	8	13	8	21
September	Gross		**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**	**131,289**
	Net		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	110,397
	Days		20	16	12	7	12	8	7	4	9	7	2	6	17	23
October	Gross		**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**	**503,036**
	Net		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	480,233
	Days		20	18	13	9	4	10	18	8	13	8	5	14	19	20
November	Gross		**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**	**538,978**
	Net		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	520,087
	Days		17	16	14	12	5	14	14	3	14	12	15	12	20	19
December	Gross		**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**	**677,411**
	Net		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	660,890
	Days		17	18	15	14	14	12	12	8	20	17	17	19	14	17
Total	Gross		**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**	**5,087,758**
	Net		**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**	**4,846,582**
	Days		**242**	**215**	**203**	**148**	**128**	**118**	**119**	**107**	**143**	**153**	**141**	**171**	**180**	**234**
Monthly	Gross		**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**	**423,980**
Average	Net		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	403,882
	Days		20	18	17	12	11	10	10	9	12	13	12	14	15	20
Precipitation Inches (4)			**42.2**	**35.18**	**39.74**	**37.15**	**41.73**	**39.07**	**44.41**	**35.12**	**47.23**	**42.37**	**36.71**	**36.19**	**29.08**	**46.01**

Notes:
(1) Gross: Total volume of leachate treated in gallons; treatment at LCTF includes leachate collected from 102nd Street Landfill Site.
(2) Net: Love Canal leachate treated in gallons; net is equal to the total (gross) leachate treated less leachate received from 102nd Street.
(3) Days: Number of days treatment facility discharged to the sanitary sewer.
(4) Precipitation data obtained from http://www.nws.noaa.gov/climate/index.php?wfo=buf

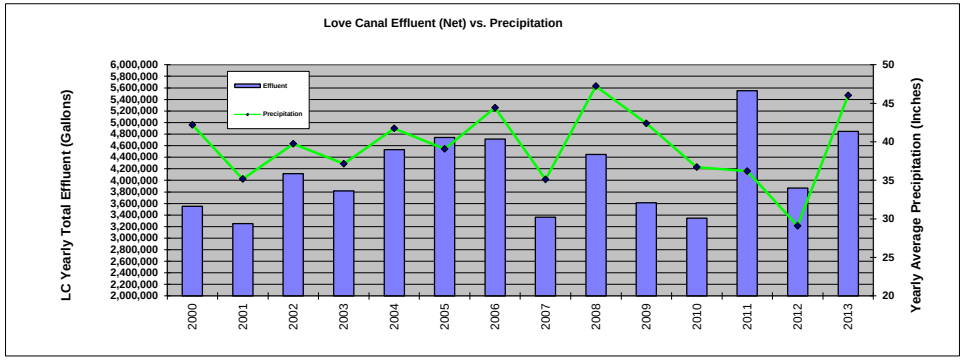


TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:		*7120*	*7130*	*7132*	*7155*	*7161*	*8106*
Sample ID:		*WG-9954-061013-SG-002*	*WG-9954-061813-SG-046*	*WG-9954-061013-SG-003*	*WG-9954-061113-SG-009*	*WG-9954-061413-SG-022*	*WG-9954-061413-SG-028*
Sample Date:		*6/10/2013*	*6/18/2013*	*6/10/2013*	*6/11/2013*	*6/14/2013*	*6/14/2013*
Parameters	***Units***						
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	R	5.0 U	R	R	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
Acetone	µg/L	R	20 U	R	R	R	R
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 UJ	5.0 UJ
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
Carbon disulfide	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
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 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
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 U	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 UJ	5.0 UJ
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
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	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 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	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:		0	0	0	0	0	0

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:		*7120*	*7130*	*7132*	*7155*	*7161*	*8106*
Sample ID:		*WG-9954-061013-SG-002*	*WG-9954-061813-SG-046*	*WG-9954-061013-SG-003*	*WG-9954-061113-SG-009*	*WG-9954-061413-SG-022*	*WG-9954-061413-SG-028*
Sample Date:		*6/10/2013*	*6/18/2013*	*6/10/2013*	*6/11/2013*	*6/14/2013*	*6/14/2013*
Parameters	***Units***						
Semi-volatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
1,2-Dichlorobenzene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
1,3-Dichlorobenzene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
1,4-Dichlorobenzene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4,5-Trichlorophenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,4,6-Trichlorophenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,4-Dichlorophenol	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,4-Dinitrophenol	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
2,4-Dinitrotoluene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,6-Dinitrotoluene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2-Chloronaphthalene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chlorophenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2-Methylnaphthalene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylphenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
2-Nitrophenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
3,3'-Dichlorobenzidine	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
3-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
4,6-Dinitro-2-methylphenol	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
4-Bromophenyl phenyl ether	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Chloro-3-methylphenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Chloroaniline	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Chlorophenyl phenyl ether	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Methylphenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
Acenaphthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acenaphthylene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(b)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(g,h,i)perylene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(k)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzoic acid	µg/L	48 U	22 J	48 U	48 U	48 U	48 U
Benzyl alcohol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
bis(2-Chloroethoxy)methane	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
bis(2-Chloroethyl)ether	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	19 U	19 U	19 U	19 U	19 U	19 U
Butyl benzylphthalate (BBP)	µg/L	9.5 U	7.6 J	9.6 U	9.5 U	9.5 U	9.6 U
Chrysene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenz(a,h)anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenzofuran	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:		***7120***	***7130***	***7132***	***7155***	***7161***	***8106***
Sample ID:		***WG-9954-061013-SG-002***	***WG-9954-061813-SG-046***	***WG-9954-061013-SG-003***	***WG-9954-061113-SG-009***	***WG-9954-061413-SG-022***	***WG-9954-061413-SG-028***
Sample Date:		***6/10/2013***	***6/18/2013***	***6/10/2013***	***6/11/2013***	***6/14/2013***	***6/14/2013***
Parameters	***Units***						
Semi-volatile Organic Compounds - Continued							
Diethyl phthalate	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Dimethyl phthalate	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Di-n-butylphthalate (DBP)	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Di-n-octyl phthalate (DnOP)	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Fluorene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobenzene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobutadiene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Hexachloroethane	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Indeno(1,2,3-cd)pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Isophorone	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Naphthalene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	µg/L	19 U	19 U	19 U	19 U	19 U	19 U
N-Nitrosodi-n-propylamine	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Pentachlorophenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Phenanthrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Discrete Compounds Detected:		0	2	0	0	0	0
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U	0.38 U
Aroclor-1221 (PCB-1221)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U	0.38 U
Aroclor-1232 (PCB-1232)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U	0.38 U
Aroclor-1242 (PCB-1242)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U	0.38 U
Aroclor-1248 (PCB-1248)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U	0.38 U
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U	0.38 U
Discrete Compounds Detected:		0	0	0	0	0	0

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*7120*	*7130*	*7132*	*7155*	*7161*	*8106*
	Sample ID:	*WG-9954-061013-SG-002*	*WG-9954-061813-SG-046*	*WG-9954-061013-SG-003*	*WG-9954-061113-SG-009*	*WG-9954-061413-SG-022*	*WG-9954-061413-SG-028*
	Sample Date:	*6/10/2013*	*6/18/2013*	*6/10/2013*	*6/11/2013*	*6/14/2013*	*6/14/2013*
Parameters	***Units***						
Pesticides							
4,4'-DDD	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
4,4'-DDE	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
4,4'-DDT	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Aldrin	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
alpha-BHC	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
alpha-Chlordane	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
beta-BHC	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
delta-BHC	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Dieldrin	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endosulfan I	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endosulfan II	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endosulfan sulfate	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endrin	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endrin ketone	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
gamma-BHC (lindane)	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
gamma-Chlordane	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Heptachlor	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Heptachlor epoxide	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Methoxychlor	µg/L	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U
Toxaphene	µg/L	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Discrete Compounds Detected:		0	0	0	0	0	0

Notes:

J Estimated concentration.

R Sample was reported non-detect, but rejected due to poor analyte sensitivity.

U Not detect at the associated reporting limit.

UJ Not detected; associated reporting limit is estimated.

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*8110*	*8120*	*8130*	*8140*	*9110*	*9115*
Sample ID:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061713-SG-043*	*WG-9954-061413-SG-030*
Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/17/2013*	*6/14/2013*
Parameters						
Volatile Organic Compounds						
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	R	R	5.0 U	R	5.0 U	5.0 U
2-Hexanone	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ
Acetone	R	R	R	R	20 U	R
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ
Bromomethane (Methyl bromide)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U
Carbon tetrachloride	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Chloroform (Trichloromethane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Vinyl chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:	0	0	0	0	0	0

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*8110*	*8120*	*8130*	*8140*	*9110*	*9115*
Sample ID:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061713-SG-043*	*WG-9954-061413-SG-030*
Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/17/2013*	*6/14/2013*
Parameters						
Semi-volatile Organic Compounds						
1,2,4-Trichlorobenzene	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,2-Dichlorobenzene	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,3-Dichlorobenzene	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,4-Dichlorobenzene	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4,5-Trichlorophenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,4,6-Trichlorophenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,4-Dichlorophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,4-Dinitrophenol	48 U	48 U	48 U	48 U	48 U	48 U
2,4-Dinitrotoluene	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,6-Dinitrotoluene	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2-Chloronaphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chlorophenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2-Methylnaphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylphenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2-Nitroaniline	48 U	48 U	48 U	48 U	48 U	48 U
2-Nitrophenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
3,3'-Dichlorobenzidine	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
3-Nitroaniline	48 U	48 U	48 U	48 U	48 U	48 U
4,6-Dinitro-2-methylphenol	48 U	48 U	48 U	48 U	48 U	48 U
4-Bromophenyl phenyl ether	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chloro-3-methylphenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chloroaniline	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chlorophenyl phenyl ether	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Methylphenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Nitroaniline	48 U	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	48 U	48 U	48 U	48 U	48 U	48 U
Acenaphthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acenaphthylene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(b)fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(g,h,i)perylene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(k)fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzoic acid	48 U	48 U	48 U	48 U	48 U	48 U
Benzyl alcohol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
bis(2-Chloroethoxy)methane	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
bis(2-Chloroethyl)ether	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	19 U	19 U	19 U	19 U	19 U	19 U
Butyl benzylphthalate (BBP)	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Chrysene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenz(a,h)anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenzofuran	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*8110*	*8120*	*8130*	*8140*	*9110*	*9115*
Sample ID:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061713-SG-043*	*WG-9954-061413-SG-030*
Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/17/2013*	*6/14/2013*
Parameters						
Semi-volatile Organic Compounds - Continued						
Diethyl phthalate	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Dimethyl phthalate	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Di-n-butylphthalate (DBP)	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Di-n-octyl phthalate (DnOP)	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Fluorene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobenzene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobutadiene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Hexachloroethane	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Indeno(1,2,3-cd)pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Isophorone	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Naphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	19 U	19 U	19 U	19 U	19 U	19 U
N-Nitrosodi-n-propylamine	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Pentachlorophenol	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Phenanthrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Discrete Compounds Detected:	0	0	0	0	0	0
PCBs						
Aroclor-1016 (PCB-1016)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U
Aroclor-1221 (PCB-1221)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U
Aroclor-1232 (PCB-1232)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U
Aroclor-1242 (PCB-1242)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U
Aroclor-1248 (PCB-1248)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U
Aroclor-1254 (PCB-1254)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Discrete Compounds Detected:	0	0	0	0	0	0

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*8110*	*8120*	*8130*	*8140*	*9110*	*9115*
	Sample ID:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061713-SG-043*	*WG-9954-061413-SG-030*
	Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/17/2013*	*6/14/2013*
Parameters							
Pesticides							
4,4'-DDD		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
4,4'-DDE		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
4,4'-DDT		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Aldrin		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
alpha-BHC		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
alpha-Chlordane		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
beta-BHC		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
delta-BHC		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Dieldrin		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endosulfan I		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endosulfan II		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endosulfan sulfate		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endrin		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Endrin ketone		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
gamma-BHC (lindane)		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
gamma-Chlordane		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Heptachlor		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Heptachlor epoxide		0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
Methoxychlor		0.095 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U
Toxaphene		3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
	Discrete Compounds Detected:	0	0	0	0	0	0

Notes:

J Estimated concentration.

R Sample was reported non-detect, but rejected due to poor analyte sensitivity.

U Not detect at the associated reporting limit.

UJ Not detected; associated reporting limit is estimated.

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	***9120***	***9125***	***9130***	***9140***	***10105***	***10105***
Sample ID:	***WG-9954-061713-SG-044***	***WG-9954-061113-SG-010***	***WG-9954-061113-SG-008***	***WG-9954-061413-SG-026***	***WG-9954-061113-SG-006***	***WG-9954-061113-SG-007***
Sample Date:	***6/17/2013***	***6/11/2013***	***6/11/2013***	***6/14/2013***	***6/11/2013***	***6/11/2013 (Duplicate)***
Parameters						
Volatile Organic Compounds						
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	5.0 U	R	R	5.0 U	R	R
2-Hexanone	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Acetone	20 U	R	R	R	R	R
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Bromomethane (Methyl bromide)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Carbon tetrachloride	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Chloroform (Trichloromethane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Vinyl chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:	0	0	0	0	0	0

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*9120*	*9125*	*9130*	*9140*	*10105*	*10105*
Sample ID:	*WG-9954-061713-SG-044*	*WG-9954-061113-SG-010*	*WG-9954-061113-SG-008*	*WG-9954-061413-SG-026*	*WG-9954-061113-SG-006*	*WG-9954-061113-SG-007*
Sample Date:	*6/17/2013*	*6/11/2013*	*6/11/2013*	*6/14/2013*	*6/11/2013*	*6/11/2013 (Duplicate)*
Parameters						
Semi-volatile Organic Compounds						
1,2,4-Trichlorobenzene	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
1,2-Dichlorobenzene	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
1,3-Dichlorobenzene	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
1,4-Dichlorobenzene	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4,5-Trichlorophenol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,4,6-Trichlorophenol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,4-Dichlorophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,4-Dinitrophenol	48 U	48 U	48 U	48 U	48 U	48 U
2,4-Dinitrotoluene	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2,6-Dinitrotoluene	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2-Chloronaphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chlorophenol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2-Methylnaphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylphenol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
2-Nitroaniline	48 U	48 U	48 U	48 U	48 U	48 U
2-Nitrophenol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
3,3'-Dichlorobenzidine	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
3-Nitroaniline	48 U	48 U	48 U	48 U	48 U	48 U
4,6-Dinitro-2-methylphenol	48 U	48 U	48 U	48 U	48 U	48 U
4-Bromophenyl phenyl ether	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Chloro-3-methylphenol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Chloroaniline	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Chlorophenyl phenyl ether	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Methylphenol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
4-Nitroaniline	48 U	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	48 U	48 U	48 U	48 U	48 U	48 U
Acenaphthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acenaphthylene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene	1.9 U	1.0 J	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)pyrene	1.9 U	0.64 J	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(b)fluoranthene	1.9 U	1.0 J	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(g,h,i)perylene	1.9 U	1.2 J	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(k)fluoranthene	1.9 U	1.4 J	1.9 U	1.9 U	1.9 U	1.9 U
Benzoic acid	48 U	48 U	48 U	48 U	48 U	48 U
Benzyl alcohol	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
bis(2-Chloroethoxy)methane	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
bis(2-Chloroethyl)ether	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	19 U	19 U	19 U	19 U	19 U	19 U
Butyl benzylphthalate (BBP)	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Chrysene	1.9 U	1.7 J	1.9 U	1.9 U	1.9 U	1.9 U
Dibenz(a,h)anthracene	1.9 U	1.3 J	1.9 U	1.9 U	1.9 U	1.9 U
Dibenzofuran	9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*9120*	*9125*	*9130*	*9140*	*10105*	*10105*
	Sample ID:	*WG-9954-061713-SG-044*	*WG-9954-061113-SG-010*	*WG-9954-061113-SG-008*	*WG-9954-061413-SG-026*	*WG-9954-061113-SG-006*	*WG-9954-061113-SG-007*
	Sample Date:	*6/17/2013*	*6/11/2013*	*6/11/2013*	*6/14/2013*	*6/11/2013*	*6/11/2013 (Duplicate)*
Parameters							
Semi-volatile Organic Compounds - Continued							
Diethyl phthalate		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Dimethyl phthalate		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Di-n-butylphthalate (DBP)		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Di-n-octyl phthalate (DnOP)		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Fluoranthene		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Fluorene		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobenzene		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobutadiene		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Hexachloroethane		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Indeno(1,2,3-cd)pyrene		1.9 U	1.0 J	1.9 U	1.9 U	1.9 U	1.9 U
Isophorone		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Naphthalene		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene		19 U	19 U	19 U	19 U	19 U	19 U
N-Nitrosodi-n-propylamine		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodiphenylamine		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Pentachlorophenol		9.6 U	9.6 U	9.6 U	9.5 U	9.5 U	9.6 U
Phenanthrene		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Pyrene		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
	Discrete Compounds Detected:	0	8	0	0	0	0
PCBs							
Aroclor-1016 (PCB-1016)		0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 UJ	0.39 UJ
Aroclor-1221 (PCB-1221)		0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 UJ	0.39 UJ
Aroclor-1232 (PCB-1232)		0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 UJ	0.39 UJ
Aroclor-1242 (PCB-1242)		0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 UJ	0.39 UJ
Aroclor-1248 (PCB-1248)		0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 UJ	0.39 UJ
Aroclor-1254 (PCB-1254)		0.38 U	0.38 UJ	0.38 UJ	0.38 U	0.38 UJ	0.39 UJ
Aroclor-1260 (PCB-1260)		0.38 U	0.38 UJ	0.38 UJ	0.38 U	0.38 UJ	0.39 UJ
	Discrete Compounds Detected:	0	0	0	0	0	0

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*9120*	*9125*	*9130*	*9140*	*10105*	*10105*
	Sample ID:	*WG-9954-061713-SG-044*	*WG-9954-061113-SG-010*	*WG-9954-061113-SG-008*	*WG-9954-061413-SG-026*	*WG-9954-061113-SG-006*	*WG-9954-061113-SG-007*
	Sample Date:	*6/17/2013*	*6/11/2013*	*6/11/2013*	*6/14/2013*	*6/11/2013*	*6/11/2013 (Duplicate)*
Parameters							
Pesticides							
4,4'-DDD		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
4,4'-DDE		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
4,4'-DDT		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Aldrin		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
alpha-BHC		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
alpha-Chlordane		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
beta-BHC		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
delta-BHC		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Dieldrin		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Endosulfan I		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Endosulfan II		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Endosulfan sulfate		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Endrin		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Endrin ketone		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
gamma-BHC (lindane)		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
gamma-Chlordane		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Heptachlor		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Heptachlor epoxide		0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.049 U
Methoxychlor		0.094 U	0.095 U	0.094 U	0.095 U	0.094 U	0.098 U
Toxaphene		3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.9 U
	Discrete Compounds Detected:	0	0	0	0	0	0

Notes:

J Estimated concentration.

R Sample was reported non-detect, but rejected due to poor analyte sensitivity.

U Not detect at the associated reporting limit.

UJ Not detected; associated reporting limit is estimated.

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	***10135***	***10147***	***10174A***	***10178A***
	Sample ID:	***WG-9954-061813-SG-045***	***WG-9954-061313-SG-018***	***WG-9954-061313-SG-020***	***WG-9954-061313-SG-019***
	Sample Date:	***6/18/2013***	***6/13/2013***	***6/13/2013***	***6/13/2013***
Parameters					
Volatile Organic Compounds					
1,1,1-Trichloroethane		500 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane		500 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane		500 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane		500 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene		500 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane		500 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane		500 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)		500 U	5.0 U	5.0 U	5.0 U
2-Hexanone		500 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)		500 U	5.0 U	5.0 U	5.0 U
Acetone		2000 U	R	R	R
Benzene		2500	5.0 U	5.0 U	5.0 U
Bromodichloromethane		500 U	5.0 U	5.0 U	5.0 U
Bromoform		500 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)		500 U	5.0 UJ	5.0 UJ	5.0 UJ
Carbon disulfide		500 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride		500 U	5.0 U	5.0 U	5.0 U
Chlorobenzene		730	5.0 U	5.0 U	5.0 U
Chloroethane		500 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)		500 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)		500 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene		500 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene		500 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane		500 U	5.0 U	5.0 U	5.0 U
Ethylbenzene		500 U	5.0 U	5.0 U	5.0 U
Methylene chloride		500 U	5.0 U	5.0 U	5.0 U
Styrene		500 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene		500 U	5.0 U	5.0 U	5.0 U
Toluene		6100	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene		500 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene		500 U	5.0 U	5.0 U	5.0 U
Trichloroethene		500 U	5.0 U	5.0 U	5.0 U
Vinyl acetate		500 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Vinyl chloride		500 U	5.0 U	5.0 U	5.0 U
Xylenes (total)		1000 U	10 U	10 U	10 U
	Discrete Compounds Detected:	3	0	0	0

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*10135*	*10147*	*10174A*	*10178A*
Sample ID:	*WG-9954-061813-SG-045*	*WG-9954-061313-SG-018*	*WG-9954-061313-SG-020*	*WG-9954-061313-SG-019*
Sample Date:	*6/18/2013*	*6/13/2013*	*6/13/2013*	*6/13/2013*
Parameters				
Semi-volatile Organic Compounds				
1,2,4-Trichlorobenzene	69	9.6 U	9.6 U	9.8 U
1,2-Dichlorobenzene	45	9.6 U	9.6 U	9.8 U
1,3-Dichlorobenzene	5.2 J	9.6 U	9.6 U	9.8 U
1,4-Dichlorobenzene	130	9.6 U	9.6 U	9.8 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	1.9 U	1.9 U	1.9 U	2.0 U
2,4,5-Trichlorophenol	10	9.6 U	9.6 U	9.8 U
2,4,6-Trichlorophenol	12	9.6 U	9.6 U	9.8 U
2,4-Dichlorophenol	360	1.9 U	1.9 U	2.0 U
2,4-Dimethylphenol	9.5 U	9.6 U	9.6 U	9.8 U
2,4-Dinitrophenol	48 U	48 U	48 U	49 U
2,4-Dinitrotoluene	9.5 U	9.6 U	9.6 U	9.8 U
2,6-Dinitrotoluene	9.5 U	9.6 U	9.6 U	9.8 U
2-Chloronaphthalene	210	1.9 U	1.9 U	2.0 U
2-Chlorophenol	28	9.6 U	9.6 U	9.8 U
2-Methylnaphthalene	1.9 U	1.9 U	1.9 U	2.0 U
2-Methylphenol	29	9.6 U	9.6 U	9.8 U
2-Nitroaniline	48 U	48 U	48 U	49 U
2-Nitrophenol	9.5 U	9.6 U	9.6 U	9.8 U
3,3'-Dichlorobenzidine	9.5 U	9.6 U	9.6 U	9.8 U
3-Nitroaniline	48 U	48 U	48 U	49 U
4,6-Dinitro-2-methylphenol	48 U	48 U	48 U	49 U
4-Bromophenyl phenyl ether	9.5 U	9.6 U	9.6 U	9.8 U
4-Chloro-3-methylphenol	23	9.6 U	9.6 U	9.8 U
4-Chloroaniline	9.5 U	9.6 U	9.6 U	9.8 U
4-Chlorophenyl phenyl ether	9.5 U	9.6 U	9.6 U	9.8 U
4-Methylphenol	89	9.6 U	9.6 U	9.8 U
4-Nitroaniline	48 U	48 U	48 U	49 U
4-Nitrophenol	48 U	48 U	48 U	49 U
Acenaphthene	1.9 U	1.9 U	1.9 U	2.0 U
Acenaphthylene	1.9 U	1.9 U	1.9 U	2.0 U
Anthracene	1.9 U	1.9 U	1.9 U	2.0 U
Benzo(a)anthracene	1.9 U	1.9 U	1.9 U	2.0 U
Benzo(a)pyrene	1.9 U	1.9 U	1.9 U	2.0 U
Benzo(b)fluoranthene	1.9 U	1.9 U	1.9 U	2.0 U
Benzo(g,h,i)perylene	1.9 U	1.9 U	1.9 U	2.0 U
Benzo(k)fluoranthene	1.9 U	1.9 U	1.9 U	2.0 U
Benzoic acid	16000	48 U	48 U	49 U
Benzyl alcohol	380 J	9.6 U	9.6 U	9.8 U
bis(2-Chloroethoxy)methane	9.5 U	9.6 U	9.6 U	9.8 U
bis(2-Chloroethyl)ether	26	1.9 U	1.9 U	2.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	19 U	19 U	19 U	20 U
Butyl benzylphthalate (BBP)	9.5 U	9.6 U	9.6 U	9.8 U
Chrysene	1.9 U	1.9 U	1.9 U	2.0 U
Dibenz(a,h)anthracene	1.9 U	1.9 U	1.9 U	2.0 U
Dibenzofuran	9.5 U	9.6 U	9.6 U	9.8 U

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*10135*	*10147*	*10174A*	*10178A*
	Sample ID:	*WG-9954-061813-SG-045*	*WG-9954-061313-SG-018*	*WG-9954-061313-SG-020*	*WG-9954-061313-SG-019*
	Sample Date:	*6/18/2013*	*6/13/2013*	*6/13/2013*	*6/13/2013*
Parameters					
Semi-volatile Organic Compounds - Continued					
Diethyl phthalate		9.5 U	9.6 U	9.6 U	1.7 J
Dimethyl phthalate		9.5 U	9.6 U	9.6 U	9.8 U
Di-n-butylphthalate (DBP)		9.5 U	9.6 U	9.6 U	9.8 U
Di-n-octyl phthalate (DnOP)		9.5 U	9.6 U	9.6 U	9.8 U
Fluoranthene		1.9 U	1.9 U	1.9 U	2.0 U
Fluorene		1.9 U	1.9 U	1.9 U	2.0 U
Hexachlorobenzene		1.9 U	1.9 U	1.9 U	2.0 U
Hexachlorobutadiene		1.9 U	1.9 U	1.9 U	2.0 U
Hexachlorocyclopentadiene		9.5 U	9.6 U	9.6 U	9.8 U
Hexachloroethane		9.5 U	9.6 U	9.6 U	9.8 U
Indeno(1,2,3-cd)pyrene		1.9 U	1.9 U	1.9 U	2.0 U
Isophorone		9.5 U	9.6 U	9.6 U	9.8 U
Naphthalene		1.9 U	1.9 U	1.9 U	2.0 U
Nitrobenzene		19 U	19 U	19 U	20 U
N-Nitrosodi-n-propylamine		1.9 U	1.9 U	1.9 U	2.0 U
N-Nitrosodiphenylamine		9.5 U	9.6 U	9.6 U	9.8 U
Pentachlorophenol		9.5 U	9.6 U	9.6 U	9.8 U
Phenanthrene		1.9 U	1.9 U	1.9 U	2.0 U
Phenol		92	1.9 U	1.9 U	2.0 U
Pyrene		1.9 U	1.9 U	1.9 U	2.0 U
	Discrete Compounds Detected:	16	0	0	1
PCBs					
Aroclor-1016 (PCB-1016)		0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1221 (PCB-1221)		0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1232 (PCB-1232)		0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1242 (PCB-1242)		0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1248 (PCB-1248)		0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1254 (PCB-1254)		0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)		0.38 U	0.38 U	0.38 U	0.38 U
	Discrete Compounds Detected:	0	0	0	0

TABLE 3.2

2013 ANALYTICAL RESULTS SUMMARY-OVERBURDEN
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	***10135***	***10147***	***10174A***	***10178A***
	Sample ID:	***WG-9954-061813-SG-045***	***WG-9954-061313-SG-018***	***WG-9954-061313-SG-020***	***WG-9954-061313-SG-019***
	Sample Date:	***6/18/2013***	***6/13/2013***	***6/13/2013***	***6/13/2013***
Parameters					
Pesticides					
4,4'-DDD		0.089 J	0.047 UJ	0.047 UJ	0.048 UJ
4,4'-DDE		0.053	0.047 UJ	0.047 UJ	0.048 UJ
4,4'-DDT		0.048 U	0.047 U	0.047 U	0.048 U
Aldrin		0.16 J	0.047 U	0.047 U	0.048 U
alpha-BHC		20	0.047 U	0.047 U	0.048 U
alpha-Chlordane		0.048 U	0.047 U	0.047 U	0.048 U
beta-BHC		5.9	0.047 U	0.047 U	0.048 U
delta-BHC		5.2	0.047 U	0.047 U	0.048 U
Dieldrin		0.048 U	0.047 U	0.047 U	0.048 U
Endosulfan I		0.048 U	0.047 U	0.047 U	0.048 U
Endosulfan II		0.053 J	0.047 UJ	0.047 UJ	0.048 UJ
Endosulfan sulfate		0.048 U	0.047 UJ	0.047 UJ	0.048 UJ
Endrin		0.048 U	0.047 UJ	0.047 UJ	0.048 UJ
Endrin ketone		0.048 U	0.047 UJ	0.047 UJ	0.048 UJ
gamma-BHC (lindane)		3.9	0.047 U	0.047 U	0.048 U
gamma-Chlordane		0.065	0.047 U	0.047 U	0.048 U
Heptachlor		0.15 J	0.047 U	0.047 U	0.048 U
Heptachlor epoxide		0.22 J	0.047 U	0.047 U	0.048 U
Methoxychlor		0.095 U	0.094 U	0.094 U	0.095 U
Toxaphene		3.8 U	3.8 U	3.8 U	3.8 U
	Discrete Compounds Detected:	11	0	0	0

Notes:

J Estimated concentration.

R Sample was reported non-detect, but rejected due to poor analyte sensitivity.

U Not detect at the associated reporting limit.

UJ Not detected; associated reporting limit is estimated.

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:		*3257*	*5221*	*6209*	*7205*	*8210*	*9205*
Sample ID:		*WG-9954-061313-SG-017*	*WG-9954-061413-SG-025*	*WG-9954-061213-SG-011*	*WG-9954-061713-SG-042*	*WG-9954-061213-SG-012*	*WG-9954-061213-SG-013*
Sample Date:		*6/13/2013*	*6/14/2013*	*6/12/2013*	*6/17/2013*	*6/12/2013*	*6/12/2013*
Parameters	***Units***						
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	5.0 U	5.0 U	5.0 U	5.0 U	R	R
2-Hexanone	µg/L	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U
Acetone	µg/L	R	R	20 U	20 U	R	R
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 UJ	5.0 UJ	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	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ
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 UJ	5.0 U	5.0 UJ	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 U	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 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 UJ	5.0 UJ	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	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 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	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:		0	0	0	0	0	0

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:		*3257*	*5221*	*6209*	*7205*	*8210*	*9205*
Sample ID:		*WG-9954-061313-SG-017*	*WG-9954-061413-SG-025*	*WG-9954-061213-SG-011*	*WG-9954-061713-SG-042*	*WG-9954-061213-SG-012*	*WG-9954-061213-SG-013*
Sample Date:		*6/13/2013*	*6/14/2013*	*6/12/2013*	*6/17/2013*	*6/12/2013*	*6/12/2013*
Parameters	***Units***						
Semi-volatile Organic Compounds							
1,2,4-Trichlorobenzene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
1,2-Dichlorobenzene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
1,3-Dichlorobenzene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
1,4-Dichlorobenzene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4,5-Trichlorophenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
2,4,6-Trichlorophenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
2,4-Dichlorophenol	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
2,4-Dinitrophenol	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
2,4-Dinitrotoluene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
2,6-Dinitrotoluene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
2-Chloronaphthalene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chlorophenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
2-Methylnaphthalene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
2-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
2-Nitrophenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
3,3'-Dichlorobenzidine	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
3-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
4,6-Dinitro-2-methylphenol	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
4-Bromophenyl phenyl ether	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Chloro-3-methylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Chloroaniline	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Chlorophenyl phenyl ether	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Methylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	13
4-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
Acenaphthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acenaphthylene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(b)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(g,h,i)perylene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(k)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzoic acid	µg/L	48 U	48 U	48 U	48 U	48 U	48 U
Benzyl alcohol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
bis(2-Chloroethoxy)methane	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
bis(2-Chloroethyl)ether	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	19 U	19 U	19 U	19 U	19 U	19 U
Butyl benzylphthalate (BBP)	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Chrysene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenz(a,h)anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenzofuran	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:		*3257*	*5221*	*6209*	*7205*	*8210*	*9205*
Sample ID:		*WG-9954-061313-SG-017*	*WG-9954-061413-SG-025*	*WG-9954-061213-SG-011*	*WG-9954-061713-SG-042*	*WG-9954-061213-SG-012*	*WG-9954-061213-SG-013*
Sample Date:		*6/13/2013*	*6/14/2013*	*6/12/2013*	*6/17/2013*	*6/12/2013*	*6/12/2013*
Parameters	***Units***						
Semi-volatile Organic Compounds-Continued							
Diethyl phthalate	µg/L	9.6 U	1.4 J	9.5 U	9.5 U	1.6 J	9.6 U
Dimethyl phthalate	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Di-n-butylphthalate (DBP)	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Di-n-octyl phthalate (DnOP)	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Fluorene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobenzene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobutadiene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Hexachloroethane	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Indeno(1,2,3-cd)pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Isophorone	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Naphthalene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	µg/L	19 U	19 U	19 U	19 U	19 U	19 U
N-Nitrosodi-n-propylamine	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Pentachlorophenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U	9.6 U
Phenanthrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Discrete Compounds Detected:		0	1	0	0	1	1
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1221 (PCB-1221)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1232 (PCB-1232)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1242 (PCB-1242)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1248 (PCB-1248)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 U	0.39 UJ	0.38 U	0.38 UJ	0.39 UJ
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.39 UJ	0.38 U	0.38 UJ	0.39 UJ
Discrete Compounds Detected:		0	0	0	0	0	0

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*3257*	*5221*	*6209*	*7205*	*8210*	*9205*
	Sample ID:	*WG-9954-061313-SG-017*	*WG-9954-061413-SG-025*	*WG-9954-061213-SG-011*	*WG-9954-061713-SG-042*	*WG-9954-061213-SG-012*	*WG-9954-061213-SG-013*
	Sample Date:	*6/13/2013*	*6/14/2013*	*6/12/2013*	*6/17/2013*	*6/12/2013*	*6/12/2013*
Parameters	***Units***						
Pesticides							
4,4'-DDD	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
4,4'-DDE	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
4,4'-DDT	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Aldrin	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
alpha-BHC	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.083 U	0.21 U
alpha-Chlordane	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
beta-BHC	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
delta-BHC	µg/L	0.048 U	0.047 U	0.049 U	0.083	0.051	0.049 U
Dieldrin	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Endosulfan I	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Endosulfan II	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Endosulfan sulfate	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Endrin	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Endrin ketone	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
gamma-BHC (lindane)	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.11 U	0.049 U
gamma-Chlordane	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Heptachlor	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Heptachlor epoxide	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U	0.049 U
Methoxychlor	µg/L	0.095 U	0.094 U	0.097 U	0.094 U	0.094 U	0.097 U
Toxaphene	µg/L	3.8 U	3.8 U	3.9 U	3.8 U	3.8 U	3.9 U
Discrete Compounds Detected:		0	0	0	1	1	0

Notes:

J Estimated concentration.

R Sample was reported non-detect, but rejected due to poor analyte sensitivity.

U Not detect at the associated reporting limit.

UJ Not detected; associated reporting limit is estimated.

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*9210*	*10205*	*10210A*	*10210B*	*10210C*	*10215*
Sample ID:	*WG-9954-061513-SG-031*	*WG-9954-061513-SG-032*	*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*
Sample Date:	*6/15/2013*	*6/15/2013*	*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*
Parameters						
Volatile Organic Compounds						
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	20 U	R	R	20 U	20 U	20 U
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U
Carbon disulfide	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	2.2 J
Carbon tetrachloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Chloroform (Trichloromethane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	5.0 U	5.0 U	5.0 U	1.2 J	5.0 U	5.0 U
Styrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Vinyl chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:	0	0	0	1	0	1

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*9210*	*10205*	*10210A*	*10210B*	*10210C*	*10215*
Sample ID:	*WG-9954-061513-SG-031*	*WG-9954-061513-SG-032*	*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*
Sample Date:	*6/15/2013*	*6/15/2013*	*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*
Parameters						
Semi-volatile Organic Compounds						
1,2,4-Trichlorobenzene	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
1,2-Dichlorobenzene	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
1,3-Dichlorobenzene	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
1,4-Dichlorobenzene	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4,5-Trichlorophenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
2,4,6-Trichlorophenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
2,4-Dichlorophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
2,4-Dinitrophenol	48 U	48 U	47 U	48 U	48 U	48 U
2,4-Dinitrotoluene	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
2,6-Dinitrotoluene	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
2-Chloronaphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chlorophenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
2-Methylnaphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylphenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
2-Nitroaniline	48 U	48 U	47 U	48 U	48 U	48 U
2-Nitrophenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
3,3'-Dichlorobenzidine	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
3-Nitroaniline	48 U	48 U	47 U	48 U	48 U	48 U
4,6-Dinitro-2-methylphenol	48 U	48 U	47 U	48 U	48 U	48 U
4-Bromophenyl phenyl ether	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
4-Chloro-3-methylphenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
4-Chloroaniline	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
4-Chlorophenyl phenyl ether	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
4-Methylphenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
4-Nitroaniline	48 U	48 U	47 U	48 U	48 U	48 U
4-Nitrophenol	48 U	48 U	47 U	48 U	48 U	48 U
Acenaphthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acenaphthylene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(b)fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(g,h,i)perylene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(k)fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzoic acid	48 U	48 U	47 U	48 U	48 U	48 U
Benzyl alcohol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
bis(2-Chloroethoxy)methane	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
bis(2-Chloroethyl)ether	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	19 U	19 U	19 U	19 U	19 U	19 U
Butyl benzylphthalate (BBP)	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Chrysene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenz(a,h)anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenzofuran	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*9210*	*10205*	*10210A*	*10210B*	*10210C*	*10215*
Sample ID:	*WG-9954-061513-SG-031*	*WG-9954-061513-SG-032*	*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*
Sample Date:	*6/15/2013*	*6/15/2013*	*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*
Parameters						
Semi-volatile Organic Compounds-Continued						
Diethyl phthalate	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Dimethyl phthalate	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Di-n-butylphthalate (DBP)	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Di-n-octyl phthalate (DnOP)	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Fluorene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobenzene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobutadiene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Hexachloroethane	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Indeno(1,2,3-cd)pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Isophorone	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Naphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	19 U	19 U	19 U	19 U	19 U	19 U
N-Nitrosodi-n-propylamine	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Pentachlorophenol	9.6 U	9.5 U	9.4 U	9.6 U	9.6 U	9.6 U
Phenanthrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Discrete Compounds Detected:	0	0	0	0	0	0
PCBs						
Aroclor-1016 (PCB-1016)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1221 (PCB-1221)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1232 (PCB-1232)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1242 (PCB-1242)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1248 (PCB-1248)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1254 (PCB-1254)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Discrete Compounds Detected:	0	0	0	0	0	0

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*9210*	*10205*	*10210A*	*10210B*	*10210C*	*10215*
	Sample ID:	*WG-9954-061513-SG-031*	*WG-9954-061513-SG-032*	*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*
	Sample Date:	*6/15/2013*	*6/15/2013*	*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*
Parameters							
Pesticides							
4,4'-DDD		0.047 U	0.047 U	0.048 UJ	0.047 U	0.047 U	0.047 U
4,4'-DDE		0.047 U	0.047 U	0.048 UJ	0.047 U	0.047 U	0.047 U
4,4'-DDT		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Aldrin		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
alpha-BHC		0.047 U	0.047 U	0.066 U	0.047 U	0.047 U	0.047 U
alpha-Chlordane		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
beta-BHC		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
delta-BHC		0.047 U	0.047 U	0.067 J	0.047 U	0.047 U	0.047 U
Dieldrin		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endosulfan I		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endosulfan II		0.047 U	0.047 U	0.048 UJ	0.047 U	0.047 U	0.047 U
Endosulfan sulfate		0.047 U	0.047 U	0.048 UJ	0.047 U	0.047 U	0.047 U
Endrin		0.047 U	0.047 U	0.048 UJ	0.047 U	0.047 U	0.047 U
Endrin ketone		0.047 U	0.047 U	0.048 UJ	0.047 U	0.047 U	0.047 U
gamma-BHC (lindane)		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
gamma-Chlordane		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Heptachlor		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Heptachlor epoxide		0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Methoxychlor		0.094 U	0.094 U	0.095 U	0.094 U	0.094 U	0.094 U
Toxaphene		3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
	Discrete Compounds Detected:	0	0	1	0	0	0

Notes:

J Estimated concentration.

R Sample was reported non-detect, but rejected due to poor analyte sensitivity.

U Not detect at the associated reporting limit.

UJ Not detected; associated reporting limit is estimated.

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*10215*	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
Sample ID:	*WG-9954-061513-SG-036*	*WG-9954-061413-SG-027*	*WG-9954-061313-SG-015*	*WG-9954-061313-SG-016*	*WG-9954-061713-SG-040*	*WG-9954-061713-SG-041*
Sample Date:	*6/15/2013*	*6/14/2013*	*6/13/2013*	*6/13/2013*	*6/17/2013*	*6/17/2013*
	(Duplicate)			*(Duplicate)*		*(Duplicate)*
Parameters						
Volatile Organic Compounds						
1,1,1-Trichloroethane	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	20 U	R	R	R	20 U	20 U
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U
Carbon disulfide	5.0 U	2.7 J	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	0.97 J	0.69 J
Chloroethane	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ
Chloroform (Trichloromethane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	1.6 J	1.6 J
cis-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5.0 U	5.0 U	5.0 U	1.0 J	5.0 U	5.0 U
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	7.6	7.2
Vinyl acetate	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Vinyl chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:	0	1	0	1	3	3

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*10215*	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
Sample ID:	*WG-9954-061513-SG-036*	*WG-9954-061413-SG-027*	*WG-9954-061313-SG-015*	*WG-9954-061313-SG-016*	*WG-9954-061713-SG-040*	*WG-9954-061713-SG-041*
Sample Date:	*6/15/2013*	*6/14/2013*	*6/13/2013*	*6/13/2013*	*6/17/2013*	*6/17/2013*
	(Duplicate)			*(Duplicate)*		*(Duplicate)*
Parameters						
Semi-volatile Organic Compounds						
1,2,4-Trichlorobenzene	9.5 U	9.4 U	9.5 U	9.8 U	4.7 J	4.5 J
1,2-Dichlorobenzene	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
1,3-Dichlorobenzene	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
1,4-Dichlorobenzene	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2,4,5-Trichlorophenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,4,6-Trichlorophenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,4-Dichlorophenol	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2,4-Dimethylphenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,4-Dinitrophenol	48 U	47 U	48 U	49 U	48 U	48 U
2,4-Dinitrotoluene	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,6-Dinitrotoluene	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2-Chloronaphthalene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2-Chlorophenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2-Methylnaphthalene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2-Methylphenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2-Nitroaniline	48 U	47 U	48 U	49 U	48 U	48 U
2-Nitrophenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
3,3'-Dichlorobenzidine	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
3-Nitroaniline	48 U	47 U	48 U	49 U	48 U	48 U
4,6-Dinitro-2-methylphenol	48 U	47 U	48 U	49 U	48 U	48 U
4-Bromophenyl phenyl ether	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Chloro-3-methylphenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Chloroaniline	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Chlorophenyl phenyl ether	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Methylphenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Nitroaniline	48 U	47 U	48 U	49 U	48 U	48 U
4-Nitrophenol	48 U	47 U	48 U	49 U	48 U	48 U
Acenaphthene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Acenaphthylene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Anthracene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(a)anthracene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(a)pyrene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(b)fluoranthene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(g,h,i)perylene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(k)fluoranthene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzoic acid	48 U	47 U	48 U	49 U	48 U	48 U
Benzyl alcohol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
bis(2-Chloroethoxy)methane	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
bis(2-Chloroethyl)ether	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	19 U	19 U	19 U	20 U	19 U	19 U
Butyl benzylphthalate (BBP)	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Chrysene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Dibenz(a,h)anthracene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Dibenzofuran	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*10215*	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
Sample ID:	*WG-9954-061513-SG-036*	*WG-9954-061413-SG-027*	*WG-9954-061313-SG-015*	*WG-9954-061313-SG-016*	*WG-9954-061713-SG-040*	*WG-9954-061713-SG-041*
Sample Date:	*6/15/2013 (Duplicate)*	*6/14/2013*	*6/13/2013*	*6/13/2013 (Duplicate)*	*6/17/2013*	*6/17/2013 (Duplicate)*
Parameters						
Semi-volatile Organic Compounds-Continued						
Diethyl phthalate	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Dimethyl phthalate	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Di-n-butylphthalate (DBP)	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Di-n-octyl phthalate (DnOP)	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Fluoranthene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Fluorene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Hexachlorobenzene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Hexachlorobutadiene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Hexachloroethane	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Indeno(1,2,3-cd)pyrene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Isophorone	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Naphthalene	1.9 U	0.92 J	1.9 U	2.0 U	1.9 U	1.9 U
Nitrobenzene	19 U	19 U	19 U	20 U	19 U	19 U
N-Nitrosodi-n-propylamine	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Pentachlorophenol	9.5 U	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Phenanthrene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Phenol	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Pyrene	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Discrete Compounds Detected:	0	1	0	0	1	1
PCBs						
Aroclor-1016 (PCB-1016)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1221 (PCB-1221)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1232 (PCB-1232)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1242 (PCB-1242)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1248 (PCB-1248)	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1254 (PCB-1254)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Discrete Compounds Detected:	0	0	0	0	0	0

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*10215*	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
	Sample ID:	*WG-9954-061513-SG-036*	*WG-9954-061413-SG-027*	*WG-9954-061313-SG-015*	*WG-9954-061313-SG-016*	*WG-9954-061713-SG-040*	*WG-9954-061713-SG-041*
	Sample Date:	*6/15/2013 (Duplicate)*	*6/14/2013*	*6/13/2013*	*6/13/2013 (Duplicate)*	*6/17/2013*	*6/17/2013 (Duplicate)*
Parameters							
Pesticides							
4,4'-DDD		0.048 U	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
4,4'-DDE		0.048 U	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
4,4'-DDT		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Aldrin		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
alpha-BHC		0.048 U	0.047 U	0.073 U	0.086 U	0.048 U	0.047 U
alpha-Chlordane		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
beta-BHC		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
delta-BHC		0.048 U	0.047 U	0.026 J	0.028 J	0.048 U	0.033 J
Dieldrin		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Endosulfan I		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Endosulfan II		0.048 U	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
Endosulfan sulfate		0.048 U	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
Endrin		0.048 U	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
Endrin ketone		0.048 U	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
gamma-BHC (lindane)		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
gamma-Chlordane		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Heptachlor		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Heptachlor epoxide		0.048 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Methoxychlor		0.095 U	0.094 U	0.096 U	0.094 U	0.095 U	0.094 U
Toxaphene		3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
	Discrete Compounds Detected:	0	0	1	1	0	1

Notes:

J Estimated concentration.

R Sample was reported non-detect, but rejected due to poor analyte sensitivity.

U Not detect at the associated reporting limit.

UJ Not detected; associated reporting limit is estimated.

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
Sample ID:	*WG-9954-061713-SG-037*	*WG-9954-061713-SG-038*	*WG-9954-061713-SG-039*	*WG-9954-061413-SG-024*	*WG-9954-061413-SG-023*
Sample Date:	*6/17/2013*	*6/17/2013*	*6/17/2013*	*6/14/2013*	*6/14/2013*
Parameters					
Volatile Organic Compounds					
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	20 U	20 U	20 U	20 U	20 U
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Chloroform (Trichloromethane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	5.0 U	5.0 U	5.0 U	1.3 J	5.0 U
Styrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Vinyl chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	10 U	10 U	10 U	10 U	10 U
Discrete Compounds Detected:	0	0	0	1	0

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
Sample ID:	*WG-9954-061713-SG-037*	*WG-9954-061713-SG-038*	*WG-9954-061713-SG-039*	*WG-9954-061413-SG-024*	*WG-9954-061413-SG-023*
Sample Date:	*6/17/2013*	*6/17/2013*	*6/17/2013*	*6/14/2013*	*6/14/2013*
Parameters					
Semi-volatile Organic Compounds					
1,2,4-Trichlorobenzene	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
1,2-Dichlorobenzene	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
1,3-Dichlorobenzene	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
1,4-Dichlorobenzene	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4,5-Trichlorophenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
2,4,6-Trichlorophenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
2,4-Dichlorophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
2,4-Dinitrophenol	48 U	48 U	48 U	48 U	48 U
2,4-Dinitrotoluene	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
2,6-Dinitrotoluene	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
2-Chloronaphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chlorophenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
2-Methylnaphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylphenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
2-Nitroaniline	48 U	48 U	48 U	48 U	48 U
2-Nitrophenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
3,3'-Dichlorobenzidine	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
3-Nitroaniline	48 U	48 U	48 U	48 U	48 U
4,6-Dinitro-2-methylphenol	48 U	48 U	48 U	48 U	48 U
4-Bromophenyl phenyl ether	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Chloro-3-methylphenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Chloroaniline	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Chlorophenyl phenyl ether	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Methylphenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Nitroaniline	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	48 U	48 U	48 U	48 U	48 U
Acenaphthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acenaphthylene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(b)fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(g,h,i)perylene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(k)fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzoic acid	48 U	48 U	48 U	48 U	48 U
Benzyl alcohol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
bis(2-Chloroethoxy)methane	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
bis(2-Chloroethyl)ether	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	19 U	19 U	14 J	19 U	19 U
Butyl benzylphthalate (BBP)	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Chrysene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenz(a,h)anthracene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenzofuran	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
Sample ID:	*WG-9954-061713-SG-037*	*WG-9954-061713-SG-038*	*WG-9954-061713-SG-039*	*WG-9954-061413-SG-024*	*WG-9954-061413-SG-023*
Sample Date:	*6/17/2013*	*6/17/2013*	*6/17/2013*	*6/14/2013*	*6/14/2013*
Parameters					
Semi-volatile Organic Compounds-Continued					
Diethyl phthalate	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Dimethyl phthalate	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Di-n-butylphthalate (DBP)	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Di-n-octyl phthalate (DnOP)	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Fluoranthene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Fluorene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobenzene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobutadiene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Hexachloroethane	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Indeno(1,2,3-cd)pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Isophorone	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Naphthalene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	19 U	19 U	19 U	19 U	19 U
N-Nitrosodi-n-propylamine	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Pentachlorophenol	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Phenanthrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Pyrene	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Discrete Compounds Detected:	0	0	1	0	0
PCBs					
Aroclor-1016 (PCB-1016)	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1221 (PCB-1221)	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1232 (PCB-1232)	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1242 (PCB-1242)	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1248 (PCB-1248)	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1254 (PCB-1254)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Discrete Compounds Detected:	0	0	0	0	0

TABLE 3.3

2013 ANALYTICAL RESULTS SUMMARY-BEDROCK
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
	Sample ID:	*WG-9954-061713-SG-037*	*WG-9954-061713-SG-038*	*WG-9954-061713-SG-039*	*WG-9954-061413-SG-024*	*WG-9954-061413-SG-023*
	Sample Date:	*6/17/2013*	*6/17/2013*	*6/17/2013*	*6/14/2013*	*6/14/2013*
Parameters						
Pesticides						
4,4'-DDD		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
4,4'-DDE		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
4,4'-DDT		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Aldrin		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
alpha-BHC		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
alpha-Chlordane		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
beta-BHC		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
delta-BHC		0.044 J	0.029 J	0.031 J	0.047 U	0.047 U
Dieldrin		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endosulfan I		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endosulfan II		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endosulfan sulfate		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endrin		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endrin ketone		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
gamma-BHC (lindane)		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
gamma-Chlordane		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Heptachlor		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Heptachlor epoxide		0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Methoxychlor		0.094 U	0.095 U	0.094 U	0.094 U	0.094 U
Toxaphene		3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Discrete Compounds Detected:		1	1	1	0	0

Notes:

J Estimated concentration.

R Sample was reported non-detect, but rejected due to poor analyte sensitivity.

U Not detect at the associated reporting limit.

UJ Not detected; associated reporting limit is estimated.

TABLE 3.4

SUMMARY OF DETECTED COMPOUND - 2013
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

		Number of Parameters Detected			
Overburden Wells	***Well Group***	***VOCs***	***SVOCs***	***PCBs***	***Pesticides***
7130	A	U	2	U	U
7132	A	U	U	U	U
7155	B-I	U	U	U	U
7161	B-I	U	U	U	U
8106	X	U	U	U	U
8110	B-I	U	U	U	U
8120	B-I	U	U	U	U
8130	B-I	U	U	U	U
8140	B-I	U	U	U	U
9110	B-I	U	U	U	U
9115	B-I	U	U	U	U
9120	B-I	U	U	U	U
9125	B-I	U	8	U	U
9130	B-II	U	U	U	U
9140	B-I	U	U	U	U
10105	B-II	U	U	U	U
10135	A	3	16	U	U
10147	B-I	U	U	U	11
10174A	B-I	U	U	U	U
10178A	X	U	1	U	U
					0
Subtotal Overburden Well Detections		**3**	**27**	**0**	**11**

Bedrock Wells		***VOCs***	***SVOCs***	***PCBs***	***Pesticides***
3257	A	U	U	U	U
5221	A	U	1	U	U
6209	A	U	U	U	U
7205	A	U	U	U	1
8210	A	U	1	U	1
9205	A	U	1	U	U
9210	A	U	U	U	U
10205	A	U	U	U	U
10210A	A	U	U	U	1
10210B	A	1	U	U	U
10210C	A	U	U	U	U
10215	A	1	U	U	U
10225A	A	1	1	U	U
10225B	A	1	U	U	1
10225C	A	3	1	U	1
10270	A	U	U	U	1
10272	A	U	U	U	1
10278	A	U	1	U	1
MW-01	X	1	U	U	U
MW-02	X	U	U	U	U
Subtotal Bedrock Well Detections		**8**	**6**	**0**	**8**
Total # of Detections		**11**	**33**	**0**	**19**

Notes:
U No parameters detected at or above detection limits.
A Annual Well.
B-I Biannual Well Group I.
B-II Biannual Well Group II.
X Additional annual well added to program in 2011.
PCBs Polychlorinated biphenyls.
SVOCs Semi-volatile organic compounds.
VOCs Volatile organic compounds.

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*
SampleDate:	*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*
Parameters													
Volatiles (µg/L)													
1,1,1-Trichloroethane													
1,1,2,2-Tetrachloroethane				0.2									
1,1,2-Trichloroethane													
1,1-Dichloroethene													
1,2-Dichloroethane													
1,2-Dichloroethene (total)													
1,2-Dichloropropane				0.04									
2-Butanone (Methyl Ethyl Ketone)									2 J			3 J	
2-Hexanone				0.4					3 J				
Acetone	14C			13B				120 J			10 J		
Benzene				0.1									
Bromoform				0.03									
Bromomethane (Methyl bromide)													
Carbon Disulfide				2	20	310					6 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				
trans-1,2-Dichloroethene													
Trichloroethene				0.1									
Trichlorotoluene, total													
Vinyl Acetate													
Vinyl Chloride													
Xylenes (total)				1									
Semi-volatiles (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-Chloronaphthalene													

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*
SampleDate:	*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*
Parameters													
Semi-volatiles (µg/L)-Continued													
2-Chlorophenol													
2-Methylnaphthalene													
2-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
Benzyl Alcohol													
Bis(2-Chloroethyl)Ether													
bis(2-Ethylhexyl)Phthalate		12	21	31	51								
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													
N-Nitrosodiphenylamine													
Pentachlorophenol													
Phenanthrene													
Phenol									1 J				5 J
Pyrene													

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*
SampleDate:	*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*
Parameters													
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
Delta-BHC				0.0061									0.062 J
Dieldrin													
Endosulfan I									0.046 J				
Endosulfan II													
Endosulfan Sulfate													
Endrin													
Gamma-BHC (Lindane)									0.10 J				0.039 J
Gamma-Chlordane													
Heptachlor													
Heptachlor epoxide													
Methoxychlor													

Notes:

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.

U - Not detected at the associated reporting limit.

B - Detected in the blank sample.

Blank - Not detected

PCBs - Polychlorinated biphenyls.

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210B*	*10210B*	*10210B*
SampleDate:	*6/3/2004*	*6/28/2005*	*7/6/2006*	*7/26/2007*	*7/17/2008*	*7/15/2009*	*6/24/2010*	*7/19/2011*	*6/22/2012*	*6/13/2013*	*7/24/1990*	*8/22/1991*	*8/26/1992*
Parameters													
Volatiles (µg/L)													
1,1,1-Trichloroethane													
1,1,2,2-Tetrachloroethane													
1,1,2-Trichloroethane													
1,1-Dichloroethene													
1,2-Dichloroethane													
1,2-Dichloroethene (total)													
1,2-Dichloropropane													
2-Butanone (Methyl Ethyl Ketone)	4 J												
2-Hexanone													
Acetone							5.2 J						31
Benzene													
Bromoform													
Bromomethane (Methyl bromide)													
Carbon Disulfide	6 J	1.6 J	1 J	8 J	24				2.7 J				
Chlorobenzene													
Chloroform													
Chlorotoluenes													
cis-1,2-Dichloroethene													
Dibromochloromethane													
Dichlorotoluene, total													
Ethylbenzene													
m&p-Xylenes													
Methylene Chloride													
o-Xylene													
Styrene													
Tetrachloroethene													
Toluene		2.3 J									1.8		
trans-1,2-Dichloroethene													
Trichloroethene							6.3						
Trichlorotoluene, total													
Vinyl Acetate													
Vinyl Chloride													
Xylenes (total)													
Semi-volatiles (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-Chloronaphthalene													

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210B*	*10210B*	*10210B*
SampleDate:	*6/3/2004*	*6/28/2005*	*7/6/2006*	*7/26/2007*	*7/17/2008*	*7/15/2009*	*6/24/2010*	*7/19/2011*	*6/22/2012*	*6/13/2013*	*7/24/1990*	*8/22/1991*	*8/26/1992*
Parameters													
Semi-volatiles (µg/L)-Continued													
2-Chlorophenol													
2-Methylnaphthalene													
2-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	3 J	2.7 J				5.8 J							
Benzyl Alcohol													
Bis(2-Chloroethyl)Ether													
bis(2-Ethylhexyl)Phthalate	1 J	1.7 J	8 J			2.5 J					7 B	13	
Butyl benzylphthalate (BBP)													
Camphor													
Carbazole													
Chlorobenzoic acid													
Chrysene													
Dibenz(a,h)anthracene													
Diethyl phthalate													
Dimethyl Phthalate													
Dimethyl tetrasulfide													
Di-n-butyl phthalate (DBP)											1	1	
Di-n-octyl phthalate (DnOP)													
Fluoranthene													
Hexachlorobenzene													
Hexachloroethane													
Indeno(1,2,3-cd)pyrene													
Naphthalene													
N-Nitrosodiphenylamine													
Pentachlorophenol											1		
Phenanthrene													
Phenol	1 J	1.7 J									3	3	
Pyrene													

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210A*	*10210B*	*10210B*	*10210B*
SampleDate:	*6/3/2004*	*6/28/2005*	*7/6/2006*	*7/26/2007*	*7/17/2008*	*7/15/2009*	*6/24/2010*	*7/19/2011*	*6/22/2012*	*6/13/2013*	*7/24/1990*	*8/22/1991*	*8/26/1992*
Parameters													
Pesticides/PCBs (µg/L)													
4,4'-DDD													
4,4'-DDE													
Aldrin													
Alpha-BHC							0.14 J						
Alpha-Chlordane													
Aroclor-1260 (PCB-1260)													
beta&gamma-BHC (sum of isomers)													
Beta-BHC	0.011 J				0.015 J		0.12 J						
Delta-BHC	0.043 J						0.12 J			0.067 J			
Dieldrin													
Endosulfan I													
Endosulfan II													
Endosulfan Sulfate													
Endrin													
Gamma-BHC (Lindane)							0.12 J						
Gamma-Chlordane													
Heptachlor													
Heptachlor epoxide													
Methoxychlor													

Notes:

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.

U - Not detected at the associated reporting limit.

B - Detected in the blank sample.

Blank - Not detected

PCBs - Polychlorinated biphenyls.

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*
SampleDate:	*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*	*6/2/2004*
Parameters												
Volatiles (µg/L)												
1,1,1-Trichloroethane												
1,1,2,2-Tetrachloroethane												
1,1,2-Trichloroethane												
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	6	12 B	23						12 J			
Benzene	0.3	0.3										
Bromoform												
Bromomethane (Methyl bromide)	0.2											
Carbon Disulfide	2	0.4				8 J	2 J		14	3 J	2 J	
Chlorobenzene		0.2										1 J
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											9 J
Toluene		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										
Semi-volatiles (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-Chloronaphthalene												

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*
SampleDate:	*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*	*6/2/2004*
Parameters												
Semi-volatiles (µg/L)-Continued												
2-Chlorophenol												
2-Methylnaphthalene		0.06										
2-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	11	9			55	6 J						4 J
Butyl benzylphthalate (BBP)		0.2										
Camphor												
Carbazole		0.05										
Chlorobenzoic acid												
Chrysene												
Dibenz(a,h)anthracene		0.1										
Diethyl phthalate		0.3										
Dimethyl Phthalate												
Dimethyl tetrasulfide												
Di-n-butyl phthalate (DBP)		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												
N-Nitrosodiphenylamine		0.2										
Pentachlorophenol		0.3										
Phenanthrene		0.07										
Phenol		2										
Pyrene		0.04										

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*
SampleDate:	*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*	*6/2/2004*
Parameters												
Pesticides/PCBs (µg/L)												
4,4'-DDD												
4,4'-DDE												0.011 J
Aldrin												
Alpha-BHC											19	2.4
Alpha-Chlordane												
Aroclor-1260 (PCB-1260)												
beta&gamma-BHC (sum of isomers)												
Beta-BHC											1.9	0.53
Delta-BHC											0.56 J	0.15
Dieldrin											0.13 J	
Endosulfan I											0.11 J	
Endosulfan II												
Endosulfan Sulfate												
Endrin												
Gamma-BHC (Lindane)											2.1	0.39
Gamma-Chlordane											0.15 J	
Heptachlor												
Heptachlor epoxide											0.35 J	
Methoxychlor												

Notes:

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.

U - Not detected at the associated reporting limit.

B - Detected in the blank sample.

Blank - Not detected

PCBs - Polychlorinated biphenyls.

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210C*	*10210C*	*10210C*
SampleDate:	*6/24/2005*	*6/28/2006*	*7/26/2007*	*7/17/2008*	*7/9/2009*	*6/15/2010*	*7/14/2011*	*6/18/2012*	*6/15/2013*	*7/25/1990*	*8/22/1991*	*8/26/1992*
Parameters												
Volatiles (µg/L)												
1,1,1-Trichloroethane												
1,1,2,2-Tetrachloroethane												
1,1,2-Trichloroethane												
1,1-Dichloroethene												
1,2-Dichloroethane												
1,2-Dichloroethene (total)												
1,2-Dichloropropane												
2-Butanone (Methyl Ethyl Ketone)												
2-Hexanone												
Acetone												10 B
Benzene												
Bromoform												
Bromomethane (Methyl bromide)												
Carbon Disulfide	1.4 J	1 J	6 J			4.0 J	4.6 J	6.1 J				
Chlorobenzene												
Chloroform												
Chlorotoluenes												
cis-1,2-Dichloroethene												
Dibromochloromethane												
Dichlorotoluene, total												
Ethylbenzene												
m&p-Xylenes												
Methylene Chloride									1.2 J			
o-Xylene												
Styrene												
Tetrachloroethene												
Toluene	1.1 J									3		
trans-1,2-Dichloroethene												
Trichloroethene												
Trichlorotoluene, total												
Vinyl Acetate												
Vinyl Chloride												
Xylenes (total)												
Semi-volatiles (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-Chloronaphthalene												

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210C*	*10210C*	*10210C*
SampleDate:	*6/24/2005*	*6/28/2006*	*7/26/2007*	*7/17/2008*	*7/9/2009*	*6/15/2010*	*7/14/2011*	*6/18/2012*	*6/15/2013*	*7/25/1990*	*8/22/1991*	*8/26/1992*
Parameters												
Semi-volatiles (µg/L)-Continued												
2-Chlorophenol												
2-Methylnaphthalene												
2-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	4.5 J	3 J								7 B	13	
Butyl benzylphthalate (BBP)										1		
Camphor												
Carbazole												
Chlorobenzoic acid												
Chrysene												
Dibenz(a,h)anthracene												
Diethyl phthalate								1.8 J		1		
Dimethyl Phthalate												
Dimethyl tetrasulfide												
Di-n-butyl phthalate (DBP)										2	3	
Di-n-octyl phthalate (DnOP)												
Fluoranthene												
Hexachlorobenzene												
Hexachloroethane											1	
Indeno(1,2,3-cd)pyrene												
Naphthalene												
N-Nitrosodiphenylamine												
Pentachlorophenol												
Phenanthrene												
Phenol										2	6	
Pyrene												

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210B*	*10210C*	*10210C*	*10210C*
SampleDate:	*6/24/2005*	*6/28/2006*	*7/26/2007*	*7/17/2008*	*7/9/2009*	*6/15/2010*	*7/14/2011*	*6/18/2012*	*6/15/2013*	*7/25/1990*	*8/22/1991*	*8/26/1992*
Parameters												
Pesticides/PCBs (µg/L)												
4,4'-DDD												
4,4'-DDE												
Aldrin		.0089 J										
Alpha-BHC	0.37	.58	0.016 J		0.050 / 0.064		0.048 J					
Alpha-Chlordane												
Aroclor-1260 (PCB-1260)												
beta&gamma-BHC (sum of isomers)												
Beta-BHC	0.082 P	.082										
Delta-BHC		.047 J			0.028 J / 0.032 J	0.050 J	0.042 J					
Dieldrin												
Endosulfan I												
Endosulfan II												
Endosulfan Sulfate												
Endrin												
Gamma-BHC (Lindane)	0.046 J	.099			0.038 J / 0.033 J		0.061 J					
Gamma-Chlordane												
Heptachlor							0.053 J					
Heptachlor epoxide												
Methoxychlor												

Notes:

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.

U - Not detected at the associated reporting limit.

B - Detected in the blank sample.

Blank - Not detected

PCBs - Polychlorinated biphenyls.

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*
SampleDate:	*8/11/1993*	*6/8/1994*	*6/1/1995*	*7/1/1996*	*7/1/1997*	*6/22/1998*	*6/24/1999*	*6/15/2000*	*5/17/2001*	*6/10/2002*	*5/23/2003*	*6/7/2004*
Parameters												
Volatiles (µg/L)												
1,1,1-Trichloroethane												
1,1,2,2-Tetrachloroethane												
1,1,2-Trichloroethane												
1,1-Dichloroethene												
1,2-Dichloroethane												
1,2-Dichloroethene (total)												
1,2-Dichloropropane												
2-Butanone (Methyl Ethyl Ketone)												
2-Hexanone												
Acetone		19 B					2100	8 J	9 J			
Benzene												
Bromoform												
Bromomethane (Methyl bromide)												
Carbon Disulfide		0.6						3 J				
Chlorobenzene												
Chloroform												
Chlorotoluenes												
cis-1,2-Dichloroethene												
Dibromochloromethane												
Dichlorotoluene, total												
Ethylbenzene												
m&p-Xylenes												
Methylene Chloride		0.2										
o-Xylene												
Styrene												
Tetrachloroethene												
Toluene												29 / 23
trans-1,2-Dichloroethene												
Trichloroethene												
Trichlorotoluene, total												
Vinyl Acetate												
Vinyl Chloride												
Xylenes (total)												
Semi-volatiles (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-Chloronaphthalene												

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*
SampleDate:	*8/11/1993*	*6/8/1994*	*6/1/1995*	*7/1/1996*	*7/1/1997*	*6/22/1998*	*6/24/1999*	*6/15/2000*	*5/17/2001*	*6/10/2002*	*5/23/2003*	*6/7/2004*
Parameters												
Semi-volatiles (µg/L)-Continued												
2-Chlorophenol												
2-Methylnaphthalene												
2-Methylphenol		5										
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		8										29 / 5 J
Butyl benzylphthalate (BBP)		0.4										
Camphor												
Carbazole												
Chlorobenzoic acid												
Chrysene												
Dibenz(a,h)anthracene												
Diethyl phthalate		0.2										
Dimethyl Phthalate												
Dimethyl tetrasulfide												
Di-n-butyl phthalate (DBP)		0.5										
Di-n-octyl phthalate (DnOP)		0.04										
Fluoranthene												
Hexachlorobenzene												
Hexachloroethane												
Indeno(1,2,3-cd)pyrene												
Naphthalene												
N-Nitrosodiphenylamine												
Pentachlorophenol												
Phenanthrene		0.03										
Phenol			22		22							
Pyrene												

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*
SampleDate:	*8/11/1993*	*6/8/1994*	*6/1/1995*	*7/1/1996*	*7/1/1997*	*6/22/1998*	*6/24/1999*	*6/15/2000*	*5/17/2001*	*6/10/2002*	*5/23/2003*	*6/7/2004*
Parameters												
Pesticides/PCBs (µg/L)												
4,4'-DDD												
4,4'-DDE												
Aldrin												
Alpha-BHC												
Alpha-Chlordane												
Aroclor-1260 (PCB-1260)												
beta&gamma-BHC (sum of isomers)												
Beta-BHC												
Delta-BHC												0.019 J / 0.017 J
Dieldrin												
Endosulfan I												
Endosulfan II												
Endosulfan Sulfate												
Endrin												
Gamma-BHC (Lindane)												
Gamma-Chlordane												
Heptachlor												
Heptachlor epoxide												
Methoxychlor												

Notes:

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.

U - Not detected at the associated reporting limit.

B - Detected in the blank sample.

Blank - Not detected

PCBs - Polychlorinated biphenyls.

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/23/2005*	*6/28/2006*	*7/26/2007*	*7/16/2008*	*7/13/2009*	*6/15/2010*	*7/14/2011*	*6/22/2012*	*9/13/1990*	*8/29/1991*	*8/26/1992*	*8/19/1993*	*6/22/1994*
Parameters													
Volatiles (µg/L)													
1,1,1-Trichloroethane												8	14
1,1,2,2-Tetrachloroethane												12	51
1,1,2-Trichloroethane													
1,1-Dichloroethene									6			15	3
1,2-Dichloroethane													
1,2-Dichloroethene (total)											700	840	650
1,2-Dichloropropane													
2-Butanone (Methyl Ethyl Ketone)												36	
2-Hexanone													
Acetone	1.9 J								50			270	100 B
Benzene									6200	6700		5200	6000 E
Bromoform													
Bromomethane (Methyl bromide)													
Carbon Disulfide				2 J				U/1.4 J					
Chlorobenzene		2 J							2380	2400	2600	1700 E	2900 E
Chloroform												100	120
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		6 J							50			8	32
Toluene									22800	26000	2700	17000	21500
trans-1,2-Dichloroethene									20				
Trichloroethene									260	450		24	140
Trichlorotoluene, total									40				
Vinyl Acetate											6800		
Vinyl Chloride													61
Xylenes (total)									50	30		47	10 B
Semi-volatiles (µg/L)													
1,2,4-Trichlorobenzene		6 J							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
2,4-Dimethylphenol													9
2-Chloronaphthalene													

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/23/2005*	*6/28/2006*	*7/26/2007*	*7/16/2008*	*7/13/2009*	*6/15/2010*	*7/14/2011*	*6/22/2012*	*9/13/1990*	*8/29/1991*	*8/26/1992*	*8/19/1993*	*6/22/1994*
Parameters													
Semi-volatiles (µg/L)-Continued													
2-Chlorophenol													20
2-Methylnaphthalene													
2-Methylphenol												51	46
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			
Benzyl Alcohol									4200	1100			
Bis(2-Chloroethyl)Ether												23	
bis(2-Ethylhexyl)Phthalate		5 J										50	2
Butyl benzylphthalate (BBP)													
Camphor												130	
Carbazole													
Chlorobenzoic acid									4000				
Chrysene													0.2
Dibenz(a,h)anthracene													
Diethyl phthalate						4.4 J							1
Dimethyl Phthalate						0.87 J							
Dimethyl tetrasulfide													
Di-n-butyl phthalate (DBP)													
Di-n-octyl phthalate (DnOP)													
Fluoranthene													0.2
Hexachlorobenzene													
Hexachloroethane													
Indeno(1,2,3-cd)pyrene													
Naphthalene													
N-Nitrosodiphenylamine													
Pentachlorophenol												52	4
Phenanthrene													
Phenol										10		98	91
Pyrene													

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10210C*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/23/2005*	*6/28/2006*	*7/26/2007*	*7/16/2008*	*7/13/2009*	*6/15/2010*	*7/14/2011*	*6/22/2012*	*9/13/1990*	*8/29/1991*	*8/26/1992*	*8/19/1993*	*6/22/1994*
Parameters													
Pesticides/PCBs (µg/L)													
4,4'-DDD													
4,4'-DDE													0.071
Aldrin		0.061 J									0.53	0.24 P	
Alpha-BHC	0.083	0.45 J									84	42 C	24 CEP
Alpha-Chlordane													
Aroclor-1260 (PCB-1260)													
beta&gamma-BHC (sum of isomers)												19.5	20.4
Beta-BHC		0.048 J											
Delta-BHC		0.052 J			0.048 J						15	9.8	7.5 CE
Dieldrin													
Endosulfan I													
Endosulfan II													
Endosulfan Sulfate												0.43 P	
Endrin		0.14 J											0.15 P
Gamma-BHC (Lindane)		0.11 J									33		
Gamma-Chlordane		0.018 J											
Heptachlor													
Heptachlor epoxide													
Methoxychlor													

Notes:

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.

U - Not detected at the associated reporting limit.

B - Detected in the blank sample.

Blank - Not detected

PCBs - Polychlorinated biphenyls.

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/1/1995*	*6/27/1996*	*7/7/1997*	*6/17/1998*	*6/16/1999*	*6/22/2000*	*5/11/2001*	*6/12/2002*	*5/19/2003*	*5/28/2004*	*6/17/2005*
Parameters											
Volatiles (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		
1,1,2-Trichloroethane		14		29 J	15 / 12	16 J / 14 J	29 J / 34 J	27			
1,1-Dichloroethene					4 J / 3 J	4 J / 4 J	4 J / 4 J	4 J	3 J		
1,2-Dichloroethane											
1,2-Dichloroethene (total)	670 JD	560						600 J / 560	490 J		
1,2-Dichloropropane											
2-Butanone (Methyl Ethyl Ketone)						10 J	11 J / 12 J				
2-Hexanone											
Acetone	100 J	60		110 J		28 J / 46 J		72	74		
Benzene	4900 D	4800	5000 / 5600	5300 J	5700 / 5600	6900 J / 6400 D	8500 J / 7600	5900 / 6400	5500		5400
Bromoform											
Bromomethane (Methyl bromide)											
Carbon Disulfide					2 J						
Chlorobenzene	2000 D	1500	2300 / ND	1900 J	1900 / 1800	2300 J / 2300 J	3000 J / 2700 J	2200 / 2400	1900		2000
Chloroform	86 J	110		150 J	110 / 120	130 J / 100 J	160 J / 150 J	160	110		
Chlorotoluenes											
cis-1,2-Dichloroethene											
Dibromochloromethane											
Dichlorotoluene, total											
Ethylbenzene				12	9 J / 10 J	12 J / 12 J	24 J / 22 J	15	10		
m&p-Xylenes								39	29		
Methylene Chloride		11				24 J / 24 J		39	26		
o-Xylene								12	9 J		
Styrene											
Tetrachloroethene				40 J	13 / 12	16 J / 14 J	50 J / 61 J	38	18		
Toluene	18000 D	14000	19000 / 17000	16000 J	16000 / 17000	21000 D / 21000 J	24000 / 22000	20000 j / 19000	15000		16000
trans-1,2-Dichloroethene				58 J	67 / 70	67 J / 70 J	59 J / 60 J				
Trichloroethene	18 J	36		170 J	58 / 70	60 J / 72 J	180 J / 140 J	160 / 130 J	91		
Trichlorotoluene, total											
Vinyl Acetate											
Vinyl Chloride	44 J	50		48 J	62 / 61	110 J / 85 J	66 J / 75 J	48	51		
Xylenes (total)	37 J	28		55 J	44 / 43	42 J / 44 J					
Semi-volatiles (µg/L)											
1,2,4-Trichlorobenzene				78 J	45 J / 65 J	45 J / 36 J	65 J / 42 J		97 J		67 J
1,2-Dichlorobenzene					24 J / 30 J	18 J / 22 J	48 J		59 J		36 J
1,3-Dichlorobenzene											
1,4-Dichlorobenzene					61 J / 74 J	59 J / 52 J	110 J / 69 J		160 J		100 J
2,4,5-Trichlorophenol				38 J		0.9 J					
2,4,6-Trichlorophenol						1 J					
2,4-Dichlorophenol	150		2100 / 2100	2000	690 / 610	1400 J / 470 J	620 J / 1200 J	1800 J / 1500 J	1700		420
2,4-Dimethylphenol						2 J					
2-Chloronaphthalene	150						370 J / 550 J				

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/1/1995*	*6/27/1996*	*7/7/1997*	*6/17/1998*	*6/16/1999*	*6/22/2000*	*5/11/2001*	*6/12/2002*	*5/19/2003*	*5/28/2004*	*6/17/2005*
Parameters											
Semi-volatiles (µg/L)-Continued											
2-Chlorophenol				28 J	25 J						
2-Methylnaphthalene											
2-Methylphenol				55 J	42 J / 35 J	160 J	41 J		50 J		25 J
2-Nitrophenol						1 J					
3,5-Dichlorotoluene											
4-Chloro-3-methylphenol					25 J / 33 J				41 J		
4-Chlorophenyl phenyl ether											
4-Methylphenol				130 J	95 J / 120	99 J / 300 J	130 J / 86 J		210 J		49 J
Acetic acid											
Anthracene											
Benzo(a)pyrene											
Benzo(b)fluoranthene											
Benzo(g,h,i)perylene											
Benzo(k)fluoranthene											
Benzoic Acid	6400 D	4000	27000 J / 30000 J	23000 J	4300 / 5000	4700 J / 19000 J	6200 J / 4400 J	31000 / 25000	26000		1400 J
Benzyl Alcohol	380		1900 / 1600	2700	680 / 540	14000 D / 3200 J	330 J / 630 J	2000 / 1700 J	640		23 J
Bis(2-Chloroethyl)Ether				24 J	26 J / 25 J						24 J
bis(2-Ethylhexyl)Phthalate						41 J / 24 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
N-Nitrosodiphenylamine											
Pentachlorophenol											
Phenanthrene											
Phenol	140				120 / 96 J		51 J		180 J		
Pyrene											

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/1/1995*	*6/27/1996*	*7/7/1997*	*6/17/1998*	*6/16/1999*	*6/22/2000*	*5/11/2001*	*6/12/2002*	*5/19/2003*	*5/28/2004*	*6/17/2005*
Parameters											
Pesticides/PCBs (µg/L)											
4,4'-DDD					0.21 / 0.20 J	0.13 J / 0.071 J					0.19 J
4,4'-DDE											
Aldrin					0.21 J / 0.74 JN		1.5 JN / 0.95 JN	0.12 J / 0.12 J			
Alpha-BHC	28 D	29	39 / 39	59	40 / 37 J	50 / 50	43 J / 50 J	43 / 39	49		15
Alpha-Chlordane								0.031 J / 0.017 J			
Aroclor-1260 (PCB-1260)											
beta&gamma-BHC (sum of isomers)											
Beta-BHC	10 D	11	8.1 / 8.6	12	12 / 11 J	15 / 16	16 J / 16 J	14 J / 13 J	15 J		3.4
Delta-BHC	4.7	5.2	5.1 / ND	8.9	11 / 9.6 J	13 / 14	10 J / 12 J	9.0 J / 11 J	12		9.1
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
Endosulfan Sulfate					0.18 / 0.17 J	0.17 J			1.3 J		
Endrin											
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		
Gamma-Chlordane						0.18 J / 0.16 J		0.29 J / 0.35 J			
Heptachlor					0.63 / 0.68 JN				0.61 J		
Heptachlor epoxide					0.043 J / 0.058 J	0.031 J / 0.029 J		0.016 J / 0.025 J	2.2 J		0.053
Methoxychlor											

Notes:

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.

U - Not detected at the associated reporting limit.

B - Detected in the blank sample.

Blank - Not detected

PCBs - Polychlorinated biphenyls.

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/28/2005*	*6/26/2006*	*7/18/2007*	*7/23/2008*	*6/25/2009*	*6/16/2010*	*7/13/2011*	*6/12/2012*	*6/18/2013*
Parameters									
Volatiles (µg/L)									
1,1,1-Trichloroethane									
1,1,2,2-Tetrachloroethane			16 J		25 / 24				
1,1,2-Trichloroethane			15 J		9.1 J / 8.7 J				
1,1-Dichloroethene			2 J						
1,2-Dichloroethane									
1,2-Dichloroethene (total)									
1,2-Dichloropropane									
2-Butanone (Methyl Ethyl Ketone)					5.8 J / 6.1 J				
2-Hexanone									
Acetone		200 J	53 J		42 / 37	39			
Benzene	5700	6800	7100	5300	7500 / 7600	3400	2200	5900	2500
Bromoform									
Bromomethane (Methyl bromide)									
Carbon Disulfide			2 J						
Chlorobenzene	2100	2400	2100	1400	2900 J / 3000 J	1300	1100	2500	730
Chloroform		110 J	140 J	99 J	96 / 97	160	67	130 J	
Chlorotoluenes									
cis-1,2-Dichloroethene		630		79 J	79 / 76	110	38 J		
Dibromochloromethane									
Dichlorotoluene, total									
Ethylbenzene			10 J		10 / 10	13			
m&p-Xylenes									
Methylene Chloride	100 J	44 J	32 J		25 / 24	38	16 J		
o-Xylene									
Styrene									
Tetrachloroethene			13 J		14 / 14	19	9.5 J		
Toluene	18000	21000	23000	13000	24000 / 24000	11000	3100	14000	6100
trans-1,2-Dichloroethene		52 J	50 J	32 J	30 / 30	48	17 J		
Trichloroethene		46 J	89 J	27 J	91 / 89	140	52		
Trichlorotoluene, total									
Vinyl Acetate									
Vinyl Chloride					27 / 17	31			
Xylenes (total)			37 J		44 / 53	51			
Semi-volatiles (µg/L)									
1,2,4-Trichlorobenzene		63	47 J	28	110 / 110	78 J	76 J	74 J	69
1,2-Dichlorobenzene		37	31 J	10 J	68 / 52	57 J	45 J		45
1,3-Dichlorobenzene		3 J	87 J		4.1 J / 5.5 J				5.2 J
1,4-Dichlorobenzene	110 J	100	84 J	24	150 J / 100 J	150 J	130 J	110 J	130
2,4,5-Trichlorophenol		8 J							10
2,4,6-Trichlorophenol				6 J	28 / 23				12
2,4-Dichlorophenol	300 J	250	490	150	1200 / 1100	780	590	240	360
2,4-Dimethylphenol									
2-Chloronaphthalene								150 J	210

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/28/2005*	*6/26/2006*	*7/18/2007*	*7/23/2008*	*6/25/2009*	*6/16/2010*	*7/13/2011*	*6/12/2012*	*6/18/2013*
Parameters									
Semi-volatiles (µg/L)-Continued									
2-Chlorophenol		18		17 J	31 / 26				28
2-Methylnaphthalene									
2-Methylphenol		33	34 J	140	66 J / 50 J	42 J	30 J		29
2-Nitrophenol									
3,5-Dichlorotoluene									
4-Chloro-3-methylphenol		15		26	95 / 97	31 J			23
4-Chlorophenyl phenyl ether									
4-Methylphenol	98 J	110	120 J	110	170 J / 140 J	130 J	83 J		89
Acetic acid									
Anthracene									
Benzo(a)pyrene									
Benzo(b)fluoranthene									
Benzo(g,h,i)perylene									
Benzo(k)fluoranthene									
Benzoic Acid	4700 J	14000 J	14000	7600 J	39000 J / 54000 J	9500	11000	8700	16000
Benzyl Alcohol		48	580	38	1200 / 1300	610	450	600 J	380 J
Bis(2-Chloroethyl)Ether		24	30 J	16 J	29 / 28	34 J	28 J		26
bis(2-Ethylhexyl)Phthalate		53			4.4 J / 4.2 J				
Butyl benzylphthalate (BBP)									
Camphor									
Carbazole									
Chlorobenzoic acid									
Chrysene									
Dibenz(a,h)anthracene									
Diethyl phthalate									
Dimethyl Phthalate									
Dimethyl tetrasulfide									
Di-n-butyl phthalate (DBP)									
Di-n-octyl phthalate (DnOP)									
Fluoranthene									
Hexachlorobenzene									
Hexachloroethane									
Indeno(1,2,3-cd)pyrene									
Naphthalene	4500 J								
N-Nitrosodiphenylamine									
Pentachlorophenol									
Phenanthrene									
Phenol	100 J	140	130 J	96	140 J / 160 J	100	82	89 J	92
Pyrene									

TABLE 3.5

SUMMARY OF DETECTED COMPOUNDS IN SELECT WELLS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*	*10135*
SampleDate:	*6/28/2005*	*6/26/2006*	*7/18/2007*	*7/23/2008*	*6/25/2009*	*6/16/2010*	*7/13/2011*	*6/12/2012*	*6/18/2013*
Parameters									
Pesticides/PCBs (µg/L)									
4,4'-DDD	0.11 J		0.081 J	0.13 J		0.048 J		0.036 J	0.089 J
4,4'-DDE									0.053
Aldrin			0.073	0.052 J	0.55 J / 0.55 J	0.063 J			0.16 J
Alpha-BHC	21 C	35	12	17	27 J / 32 J	4.0	21	7.1 J	20
Alpha-Chlordane			0.011 J						
Aroclor-1260 (PCB-1260)					12 J / 11 J				
beta&gamma-BHC (sum of isomers)									
Beta-BHC	5.6	7.1	3.7	4.4	11 J / 9.1 J	4.1	7.1	3.1	5.9
Delta-BHC	9.1	13	4.7	6.3	11 J / 12	0.28	7.3	1.6 J	5.2
Dieldrin									
Endosulfan I									
Endosulfan II					1.6 J / 2.3				0.053 J
Endosulfan Sulfate			0.34	0.37 J	1.5 J				
Endrin			0.034 J		1.9 / 1.3 J				
Gamma-BHC (Lindane)	0.32 J	4.8	2.1	2	7.4 J / 6.2 J	0.92	4.1	1.4 J	3.9
Gamma-Chlordane		.33 J	0.017 J						0.065
Heptachlor			0.092	0.19 J				0.71	0.15 J
Heptachlor epoxide			0.29	0.13 J	1.6 J / 1.7 J	0.10 J		0.089 J	0.22 J
Methoxychlor								0.036 J	

Notes:

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.

U - Not detected at the associated reporting limit.

B - Detected in the blank sample.

Blank - Not detected

PCBs - Polychlorinated biphenyls.

TABLE 3.6A

1140 SERIES PIEZOMETERS WATER LEVELS-2013
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	*1144 (ft. AMSL)*	*1143 (ft. AMSL)*	*1142 (ft. AMSL)*	*1141 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1140 (ft. AMSL)*
March-13	572.79	571.80	570.90	566.08	561.70	563.86
June-13	571.95	571.34	570.78	566.27	561.70	563.69
September-13	570.93	570.51	570.18	566.57	561.70	564.27
December-13	572.22	571.20	570.52	566.44	561.70	564.33

B WELLS

Well (1) / *Date*	*1144 (ft. AMSL)*	*1143 (ft. AMSL)*	*1142 (ft. AMSL)*	*1141 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1140 (ft. AMSL)*
March-13	572.79	571.80	570.90	566.08	561.70	563.86
June-13	571.95	571.34	570.78	566.27	561.70	563.69
September-13	570.93	570.51	570.18	566.57	561.70	564.27
December-13	572.22	571.20	570.52	566.44	561.70	564.33

C WELLS

Well (1) / *Date*	*1144 (ft. AMSL)*	*1143 (ft. AMSL)*	*1142 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	572.79	571.80	570.90	561.70
June-13	571.95	571.34	570.78	561.70
September-13	570.93	570.51	570.18	561.70
December-13	572.22	571.20	570.52	561.70

D WELLS

Well (1) / *Date*	*1144 (ft. AMSL)*	*1143 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	572.79	571.80	561.70
June-13	571.95	571.34	561.70
September-13	570.93	570.51	561.70
December-13	572.22	571.20	561.70

Notes:
(1) Wells listed in order from most distant outside of tile drain, to tile drain, then inside of tile drain.
ft. AMSL Feet above mean sea level.

TABLE 3.6B

1150 SERIES PIEZOMETERS WATER LEVELS-2013
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	*1154 (ft. AMSL)*	*1153 (ft. AMSL)*	*1151 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	572.00	569.38	567.00	561.85
June-13	572.08	568.32	566.73	561.85
September-13	572.29	568.51	566.89	561.85
December-13	572.41	569.00	567.31	561.85

B WELLS

Well (1) / *Date*	*1154 (ft. AMSL)*	*1153 (ft. AMSL)*	*1151 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	572.00	569.38	567.00	561.85
June-13	572.08	568.32	566.73	561.85
September-13	572.29	568.51	566.89	561.85
December-13	572.41	569.00	567.31	561.85

C WELLS

Well (1) / *Date*	*1154 (ft. AMSL)*	*1153 (ft. AMSL)*	*1151 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	572.00	569.38	567.00	561.85
June-13	572.08	568.32	566.73	561.85
September-13	572.29	568.51	566.89	561.85
December-13	572.41	569.00	567.31	561.85

D WELLS

Well (1) / *Date*	*1153 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	572.00	561.85
June-13	572.08	561.85
September-13	572.29	561.85
December-13	572.41	561.85

Notes:

(1) Wells listed in order from most distant outside of tile drain, to tile drain, then inside of tile drain.

ft. AMSL Feet above mean sea level.

TABLE 3.6C

1160 SERIES PIEZOMETERS WATER LEVELS-2013
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	*10176 (ft. AMSL)*	*1165 (ft. AMSL)*	*1163 (ft. AMSL)*	*1162 (ft. AMSL)*	*1161 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1160 (ft. AMSL)*
March-13	572.02	571.05	568.73	569.90	565.24	560.60	564.91
June-13	570.69	571.41	568.62	569.95	564.93	560.60	564.43
September-13	569.29	571.41	568.85	569.62	565.33	560.60	565.00
December-13	571.38	571.51	569.08	569.52	565.41	560.60	565.34

B WELLS

Well (1) / *Date*	*10176 (ft. AMSL)*	*1165 (ft. AMSL)*	*1163 (ft. AMSL)*	*1161 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	572.02	571.05	568.73	569.90	560.60
June-13	570.69	571.41	568.62	569.95	560.60
September-13	569.29	571.41	568.85	569.62	560.60
December-13	571.38	571.51	569.08	569.52	560.60

C WELLS

Well (1) / *Date*	*10176 (ft. AMSL)*	*1165 (ft. AMSL)*	*1163 (ft. AMSL)*	*1162 (ft. AMSL)*	*1161 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1160 (ft. AMSL)*
March-13	572.02	571.05	568.73	569.90	565.24	560.60	564.91
June-13	570.69	571.41	568.62	569.95	564.93	560.60	564.43
September-13	569.29	571.41	568.85	569.62	565.33	560.60	565.00
December-13	571.38	571.51	569.08	569.52	565.41	560.60	565.34

D WELLS

Well (1) / *Date*	*10176 (ft. AMSL)*	*1165 (ft. AMSL)*	*1163 (ft. AMSL)*	*1162 (ft. AMSL)*	*1161 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	572.02	571.05	568.73	569.90	565.24	560.60
June-13	570.69	571.41	568.62	569.95	564.93	560.60
September-13	569.29	571.41	568.85	569.62	565.33	560.60
December-13	571.38	571.51	569.08	569.52	565.41	560.60

Notes:
(1) Wells listed in order from most distant outside of tile drain, to tile drain, then inside of tile drain.
ft. AMSL Feet above mean sea level.

TABLE 3.6D

1170 SERIES PIEZOMETERS WATER LEVELS-2013
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	*1174 (ft. AMSL)*	*1173 (ft. AMSL)*	*1172 (ft. AMSL)*	*1171 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1170 (ft. AMSL)*
March-13	570.62	568.09	566.46	563.63	555.60	562.49
June-13	570.72	567.74	566.46	563.71	555.60	562.30
September-13	570.70	568.16	566.46	563.97	555.60	562.43
December-13	571.05	568.51	566.37	563.89	555.60	562.59

B WELLS

Well (1) / *Date*	*1174 (ft. AMSL)*	*1173 (ft. AMSL)*	*1172 (ft. AMSL)*	*1171 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1170 (ft. AMSL)*
March-13	570.62	568.09	566.46	563.63	555.60	562.49
June-13	570.72	567.74	566.46	563.71	555.60	562.30
September-13	570.70	568.16	566.46	563.97	555.60	562.43
December-13	571.05	568.51	566.37	563.89	555.60	562.59

C WELLS

Well (1) / *Date*	*1174 (ft. AMSL)*	*1173 (ft. AMSL)*	*1172 (ft. AMSL)*	*1171 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	570.62	568.09	566.46	563.63	555.60
June-13	570.72	567.74	566.46	563.71	555.60
September-13	570.70	568.16	566.46	563.97	555.60
December-13	571.05	568.51	566.37	563.89	555.60

D WELLS

Well (1) / *Date*	*1174 (ft. AMSL)*	*1173 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	570.62	568.09	555.60
June-13	570.72	567.74	555.60
September-13	570.70	568.16	555.60
December-13	571.05	568.51	555.60

Notes:
(1) Wells listed in order from most distant outside of tile drain, to tile drain, then inside of tile drain.
ft. AMSL Feet above mean sea level.

TABLE 3.6E

1180 SERIES PIEZOMETERS WATER LEVELS-2013
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	*1184 (ft. AMSL)*	*1183 (ft. AMSL)*	*1181 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1180 (ft. AMSL)*
March-13	563.85	564.01	569.31	560.00	562.82
June-13	564.40	564.04	569.20	560.00	562.84
September-13	563.90	564.62	567.57	560.00	563.09
December-13	563.99	564.65	569.09	560.00	563.14

B WELLS

Well (1) / *Date*	*1184 (ft. AMSL)*	*1183 (ft. AMSL)*	*1181 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1180 (ft. AMSL)*
March-13	563.85	564.01	569.31	560.00	562.82
June-13	564.40	564.04	569.20	560.00	562.84
September-13	563.90	564.62	567.57	560.00	563.09
December-13	563.99	564.65	569.09	560.00	563.14

C WELLS

Well (1) / *Date*	*1184 (ft. AMSL)*	*1183 (ft. AMSL)*	*1181 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1180 (ft. AMSL)*
March-13	563.85	564.01	569.31	560.00	562.82
June-13	564.40	564.04	569.20	560.00	562.84
September-13	563.90	564.62	567.57	560.00	563.09
December-13	563.99	564.65	569.09	560.00	563.14

D WELLS

Well (1) / *Date*	*1184 (ft. AMSL)*	*1183 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	563.85	564.01	560.00
June-13	564.40	564.04	560.00
September-13	563.90	564.62	560.00
December-13	563.99	564.65	560.00

Notes:

(1) Wells listed in order from most distant outside of tile drain, to tile drain, then inside of tile drain.

ft. AMSL Feet above mean sea level.

TABLE 3.6F

1190 SERIES PIEZOMETERS WATER LEVELS-2013
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	*1194 (ft. AMSL)*	*1193 (ft. AMSL)*	*1192 (ft. AMSL)*	*1191 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1190 (ft. AMSL)*
March-13	563.93	565.32	563.90	564.93	554.80	564.82
June-13	564.50	565.55	564.49	565.18	554.80	563.99
September-13	564.05	565.49	564.05	566.68	554.80	563.92
December-13	564.28	565.59	564.31	566.19	554.80	567.07

B WELLS

Well (1) / *Date*	*1194 (ft. AMSL)*	*1193 (ft. AMSL)*	*1192 (ft. AMSL)*	*1191 (ft. AMSL)*	*Tile Drain (ft. AMSL)*	*1190 (ft. AMSL)*
March-13	563.93	565.32	563.90	564.93	554.80	564.82
June-13	564.50	565.55	564.49	565.18	554.80	563.99
September-13	564.05	565.49	564.05	566.68	554.80	563.92
December-13	564.28	565.59	564.31	566.19	554.80	567.07

C WELLS

Well (1) / *Date*	*1194 (ft. AMSL)*	*1193 (ft. AMSL)*	*1192 (ft. AMSL)*	*1191 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	563.93	565.32	563.90	564.93	554.80
June-13	564.50	565.55	564.49	565.18	554.80
September-13	564.05	565.49	564.05	566.68	554.80
December-13	564.28	565.59	564.31	566.19	554.80

D WELLS

Well (1) / *Date*	*1194 (ft. AMSL)*	*1193 (ft. AMSL)*	*Tile Drain (ft. AMSL)*
March-13	563.93	565.32	554.80
June-13	564.50	565.55	554.80
September-13	564.05	565.49	554.80
December-13	564.28	565.59	554.80

Notes:
(1) Wells listed in order from most distant outside of tile drain, to tile drain, then inside of tile drain.
ft. AMSL Feet above mean sea level.