Appendix F

Analytical Results and QA/QC Review

Long-Term Monitoring Program

Love Canal

June 2013

CONESTOGA-ROVERS & ASSOCIATES

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ANALYTICAL RESULTS AND FULL VALIDATION
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

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1.0 INTRODUCTION

The following document details a validation of analytical results for ground water samples collected in support of the Annual Long Term Monitoring Program at the Love Canal Site during June 2013. Samples were submitted to TestAmerica Laboratory, Inc., located in Pittsburgh, Pennsylvania. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology and holding times is presented in Table 3.

Evaluation of the data was based on information obtained from the finished data sheets, raw data, chain of custody forms, calibration data, blank data, recovery data from surrogate spikes, laboratory control samples (LCS), and matrix spike samples (MS); and field quality assurance/quality control (QA/QC) samples . The assessment of analytical and in-house data included checks for: data consistency (by observing comparability of duplicate analyses); adherence to accuracy and precision criteria; and transmittal errors.

The quality assurance/quality control (QA/QC) criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and the documents entitled:

i) "Quality Assurance Project Plan", Appendix B of "Sampling Manual Long-Term Groundwater Monitoring Program", June 2013

ii) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999

Full Contract Laboratory Program (CLP) equivalent raw data deliverables were provided by the laboratory. The data quality assessment and validation presented in the following subsections were performed based on the sample results, supporting quality assurance/quality control (QA/QC) and all raw data provided.

2.0 SAMPLE HOLDING TIME AND PRESERVATION

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and/or analyzed within the required holding times.

All samples were properly preserved and delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3.0 GAS CHROMATOGRAPH/MASS SPECTROMETER (GC/MS) TUNING AND MASS CALIBRATION (INSTRUMENT PERFORMANCE CHECK)

3.1 ORGANIC ANALYSES

Prior to volatile organic compound (VOC) and semi-volatile organic compound (SVOC) analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, methods require the analysis of specific tuning compounds bromofluorobenzene (BFB) and decafluorotriphenylphosphine (DFTPP), respectively. The resulting spectra must meet the criteria cited in the methods before analysis is initiated. Analysis of the tuning compound must then be repeated every 12 hours throughout sample analysis to ensure the continued optimization of the instrument.

Tuning compounds were analyzed at the required frequency throughout the volatile and semi-volatile analysis periods. All tuning criteria were met; indicating that proper optimization of the instrumentation was achieved.

4.0 INSTRUMENT CALIBRATION

4.1 INITIAL CALIBRATION - ORGANIC ANALYSES

4.1.1 GC/MS

To quantify compounds of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range. Linearity of the calibration curve and instrument sensitivity are evaluated against the following criteria:

i) All relative response factors (RRFs) must be greater than or equal to 0.05.

ii) The percent relative standard deviation (RSD) values must not exceed 30.0 percent or minimum correlation coefficient (R) of 0.995 and minimum coefficient of determination (R^2) of 0.99 if linear and quadratic equation calibration curves, respectively, are used.

The initial calibration data for VOCs and SVOCs were reviewed. All compounds met the above criteria for sensitivity and linearity with the following exceptions:

i) Acetone and 2-butanone yielded some RRFs <0.05. All associated sample results were non-detect and rejected due to poor analytical efficiency

ii) Hexanone exhibited a high %RSD. All associated sample results were qualified as estimated.

A summary of qualified results is presented in Table 4.

4.1.2 GC

To quantify pesticides, the performance evaluation mixture (PEM) is analyzed at the beginning and end of the initial calibration sequence and throughout the analytical sequence. The results of these analyses are used to evaluate dichlorodiphenyltrichloroethane (DDT)/endrin breakdown, using the method degradation criteria of ≤15 percent. PEM standards were analyzed at the required frequency throughout sample analysis and all method performance criteria were met.

In order to quantify organic compounds of interest by GC, calibration of the gas chromatograph over a specific concentration range must be performed. Initially, a calibration curve consisting of a minimum of five concentration levels is analyzed for all single component compounds of interest and for polychlorinated biphenyls (PCBs) (Aroclors 1016 and 1260). A single calibration standard is analyzed for all other multi-response compounds. Linearity of the calibration curve is acceptable if all RSD values are less than or equal to 20.0 percent or if the correlation coefficient (R) is 0.995 or greater for linear regression curves.

Retention time windows are also calculated from the initial calibration analyses. These windows are then used to identify all compounds of interest in subsequent analyses.

All initial calibration standards were analyzed at the required frequencies. All retention time, peak resolution and linearity criteria were satisfied as specified in the methods.

4.3 CONTINUING CALIBRATION - ORGANICS ANALYSES

4.3.1 GC/MS

To ensure that instrument calibration for VOC and SVOC analyses is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 12 hours.

The following criteria were employed to evaluate continuing calibration data:

i) All RRF values must be greater than or equal to 0.05.

ii) Percent difference (%D) values must not exceed 25 percent.

Calibration standards were analyzed at the required frequency, and the results met the above criteria for instrument sensitivity. Some VOCs exhibited variability between the initial and continuing calibration standards. All associated sample results were qualified as estimated (see Table 5).

4.3.2 GC

To ensure that the calibration of the instrument for organic analyses by GC is valid throughout the sample analysis period, continuing calibration standards are analyzed and evaluated on a regular basis. To evaluate the continued linearity of the calibration, %D values are calculated for each compound. As specified in the methods, all %D values should not exceed 15 percent. To ensure that compound retention times do not vary over the analysis period, all retention times for continuing calibration compounds must fall within the established retention time windows.

All continuing calibration standards were analyzed at the required frequency. Some %D values did not meet the above criteria. All associated sample results were qualified as estimated. Where PCB 1260 and/or PCB 1016 exceeded the 15%D, all associated aroclor data were also qualified.

A summary of qualified data is presented in Table 5.

5.0 LABORATORY BLANK ANALYSES

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation with the exception of a low level detection of bis(2-ethylhexyl)phthalate. All associated sample results were non-detect and would not have been impacted.

6.0 SURROGATE SPIKE RECOVERIES

In accordance with the methods employed, all samples, blanks and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC, SVOC, pesticide and PCB determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

Each individual surrogate compound is expected to meet the laboratory control limits with the exception of semi-volatile organic compound (SVOC) analyses. According to the "Guidelines" for SVOC analyses, up to one outlying surrogate in the base/neutral or acid fractions is acceptable as long as the recovery is at least 10 percent.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria with the exception of some high surrogate recoveries. All associated positive sample results were qualified as estimated (see Table 6). All non-detect data would not have been impacted by the implied high bias.

7.0 INTERNAL STANDARDS ANALYSES

To ensure that changes in the GC/MS sensitivity and response do not affect sample analysis results, internal standard compounds are added to each sample prior to analysis. All results are then calculated as a ratio of the internal standard responses.

The sample internal standard results were evaluated against the following criteria:

i) The retention time of the internal standard must not vary more than ±30 seconds from the associated calibration standard.

ii) internal standard area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated calibration standard.

All internal standard recoveries and retention times met the above criteria.

8.0 LABORATORY CONTROL SAMPLE (LCS) ANALYSES

LCS and/or laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch. Some LCS were prepared in duplicate.

The LCS/LCSD contained all compounds of interest. All LCS recoveries and relative percent differences (where applicable) were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of some low VOC recoveries. The associated sample results were qualified as estimated (see Table 7).

9.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES - ORGANICS

To evaluate the effects of sample matrices on the extraction process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known

concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. MS/MSD analyses were performed at the proper frequency. The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating good analytical accuracy and precision with the exception of some VOC outlyers. Where high recoveries were observed, all associated results were non-detect and would not have been impacted. Where low recoveries were observed, the associated results were qualified as estimated (see Table 8).

10.0 FIELD QA/QC SAMPLES

10.1 TRIP BLANKS

To evaluate contamination from sample collection, transportation, storage, and analytical activities, six trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest with the exception of some low level detections of methylene chloride. All associated sample results with similar concentrations were qualified as non-detect (see Table 9).

10.2 RINSE BLANKS

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, two rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest with the exception of alpha-BHC and gamma-BHC present at low concentrations. All associated sample results with similar concentrations were qualified as non-detect (see Table 10).

10.3. FIELD DUPLICATES

To assess the analytical and sampling protocol precision, four field duplicate samples were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 and 100 percent for water and soil samples, respectively. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criteria is one or two times the PQL value for water and soil samples, respectively.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

11.0 TENTATIVELY IDENTIFIED COMPOUNDS (TICS)

Chromatographic peaks recorded during VOC and SVOC sample analyses that are not target compounds, surrogates, or internal standards, are potential TICs.

A summary of the TICs reported by the laboratory is presented in Table 11. Per the "Guidelines", TICs that were present in the method blanks or identified as solvent preservatives/aldol reaction products were rejected and are not included in the table.

12.0 DUAL COLUMN ANALYSIS

Pesticide analyses were performed using dual column analyses. In general, the pesticide results showed good correlation between the two columns. Variability was observed between some of the results (see Table 12). The associated data were qualified as estimated to reflect the implied variability.

13.0 ANALYTE REPORTING

The laboratory reported detected results down to the laboratory's MDL for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 3 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 3.

14.0 TARGET COMPOUND IDENTIFICATION

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to the identification criteria established by the methods. The samples identified in Table 1 were reviewed. The organic compounds reported adhered to the specified identification criteria.

15.0 CONCLUSION

Based on this assessment of the information provided, the data produced by TestAmerica were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted with the exception of the following:

- Selected VOC non-detect data were rejected in a number of samples due to poor analyte sensitivity.

TABLES

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

				Analysis/Parameters				
Sample Identification	*Location*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Pesticides*	*PCBs*	*Volatiles*	*Semi-Volatiles*	*Comments*
TB-9954-061013	-	6/10/2013	-			35		Trip Blank
WG-9954-061013-SG-001	8120	6/10/2013	12:20	20	7	35	65	
WG-9954-061013-SG-002	7120	6/10/2013	13:20	20	7	35	65	
WG-9954-061013-SG-003	7132	6/10/2013	14:05	20	7	35	65	
WG-9954-061013-SG-004	8110	6/10/2013	15:00	20	7	35	65	
WG-9954-061013-SG-005	8140	6/10/2013	16:15	20	7	35	65	
WG-9954-061113-SG-006	10105	6/11/2013	11:00	20	7	35	65	
WG-9954-061113-SG-009	7155	6/11/2013	15:30	20	7	35	65	
WG-9954-061113-SG-010	9125	6/11/2013	16:10	20	7	35	65	
WG-9954-061113-SG-008	9130	6/11/2013	14:30	20	7	35	65	
TB-9954-061113	-	6/11/2013	-			35		Trip Blank
WG-9954-061113-SG-007	10105	6/11/2013	11:00	20	7	35	65	WG-9954-061113-SG-006
WG-9954-061213-SG-011	6209	6/12/2013	11:25	20	7	35	65	
WG-9954-061213-SG-012	8210	6/12/2013	13:10	20	7	35	65	
WG-9954-061213-SG-013	9205	6/12/2013	14:05	20	7	35	65	
TB-9954-061213	-	6/12/2013	-			35		Trip Blank
WG-9954-061313-SG-018	10147	6/13/2013	12:50	20	7	35	65	
WG-9954-061313-SG-020	10174A	6/13/2013	13:40	20	7	35	65	
WG-9954-061313-SG-019	10178A	6/13/2013	13:20	20	7	35	65	
WG-9954-061313-SG-014	10210A	6/13/2013	8:45	20	7	35	65	
WG-9954-061313-SG-015	10225B	6/13/2013	10:05	20	7	35	65	
WG-9954-061313-SG-017	3257	6/13/2013	12:20	20	7	35	65	
WG-9954-061313-SG-021	-	6/13/2013	14:25	20	7	35	65	Rinse Blank
TB-9954-061313	-	6/13/2013	-			35		Trip Blank

TABLE 1

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LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

				Analysis/Parameters				
Sample Identification	*Location*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Pesticides*	*PCBs*	*Volatiles*	*Semi-Volatiles*	*Comments*
WG-9954-061313-SG-016	10225B	6/13/2013	10:05	20	7	35	65	WG-9954-061313-SG-015
WG-9954-061513-SG-032	10205	6/15/2013	8:50	20	7	35	65	
WG-9954-061413-SG-025	5221	6/14/2013	12:30	20	7	35	65	
WG-9954-061413-SG-022	7161	6/14/2013	9:20	20	7	35	65	
WG-9954-061713-SG-042	7205	6/17/2013	13:15	20	7	35	65	
WG-9954-061413-SG-028	8106	6/14/2013	15:10	20	7	35	65	
WG-9954-061413-SG-029	8130	6/14/2013	16:20	20	7	35	65	
WG-9954-061713-SG-043	9110	6/17/2013	14:00	20	7	35	65	
WG-9954-061413-SG-030	9115	6/14/2013	16:55	20	7	35	65	
WG-9954-061713-SG-044	9120	6/17/2013	14:40	20	7	35	65	
WG-9954-061413-SG-026	9140	6/14/2013	13:40	20	7	35	65	
WG-9954-061513-SG-031	9210	6/15/2013	8:05	20	7	35	65	
WG-9954-061513-SG-033	10210B	6/15/2013	10:25	20	7	35	65	
WG-9954-061413-SG-024	MW-01	6/14/2013	11:35	20	7	35	65	
WG-9954-061413-SG-023	MW-02	6/14/2013	10:30	20	7	35	65	
TB-9954-061413	-	6/14/2013	-			35		Trip Blank
WG-9954-061713-SG-041	10225C	6/17/2013	12:10	20	7	35	65	WG-9954-061713-SG-040
WG-9954-061513-SG-036	10215	6/15/2013	11:55	20	7	35	65	WG-9954-061513-SG-035
WG-9954-061513-SG-034	10210C	6/15/2013	11:10	20	7	35	65	
WG-9954-061513-SG-035	10215	6/15/2013	11:55	20	7	35	65	
WG-9954-061413-SG-027	10225A	6/14/2013	14:10	20	7	35	65	
WG-9954-061713-SG-040	10225C	6/17/2013	12:10	20	7	35	65	
WG-9954-061713-SG-037	10270	6/17/2013	9:45	20	7	35	65	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
LONG-TERM MONITORING PROGRAM
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LOVE CANAL
JUNE 2013

				Analysis/Parameters				
Sample Identification	*Location*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Pesticides*	*PCBs*	*Volatiles*	*Semi-Volatiles*	*Comments*
WG-9954-061713-SG-038	10272	6/17/2013	10:30	20	7	35	65	
WG-9954-061713-SG-039	10278	6/17/2013	11:25	20	7	35	65	
WG-9954-061813-SG-045	10135	6/18/2013	10:20	20	7	35	130	
WG-9954-061813-SG-046	7130	6/18/2013	11:10	20	7	35	65	
RB-9954-061813-SG-047	-	6/18/2013	11:40	20	7	35	65	Rinse Blank
TB-9954-061813	-	6/18/2013	-			35		Trip Blank

Notes:

- Not applicable.
PCBs Polychlorinated Biphenyls.

TABLE 2

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

	Location ID:	*3257*	*5221*	*6209*	*7120*	*7130*
	Sample Name:	*WG-9954-061313-SG-017*	*WG-9954-061413-SG-025*	*WG-9954-061213-SG-011*	*WG-9954-061013-SG-002*	*WG-9954-061813-SG-046*
	Sample Date:	*6/13/2013*	*6/14/2013*	*6/12/2013*	*6/10/2013*	*6/18/2013*
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
1,1,2,2-Tetrachloroethane	µg/L	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
1,1-Dichloroethane	µg/L	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
1,2-Dichloroethane	µg/L	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
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	R	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U
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
Acetone	µg/L	R	R	20 U	R	20 U
Benzene	µg/L	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
Bromoform	µg/L	5.0 U	5.0 UJ	5.0 UJ	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
Carbon disulfide	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U
Carbon tetrachloride	µg/L	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
Chloroethane	µg/L	5.0 U	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
Chloromethane (Methyl chloride)	µg/L	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
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 UJ	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
Ethylbenzene	µg/L	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
Styrene	µg/L	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
Toluene	µg/L	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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

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

	Location ID:	***3257***	***5221***	***6209***	***7120***	***7130***
	Sample Name:	***WG-9954-061313-SG-017***	***WG-9954-061413-SG-025***	***WG-9954-061213-SG-011***	***WG-9954-061013-SG-002***	***WG-9954-061813-SG-046***
	Sample Date:	***6/13/2013***	***6/14/2013***	***6/12/2013***	***6/10/2013***	***6/18/2013***
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	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 U	5.0 U
Vinyl chloride	µg/L	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
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
1,2-Dichlorobenzene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
1,3-Dichlorobenzene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
1,4-Dichlorobenzene	µg/L	9.6 U	9.5 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
2,4,5-Trichlorophenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 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
2,4-Dichlorophenol	µg/L	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
2,4-Dinitrophenol	µg/L	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
2,6-Dinitrotoluene	µg/L	9.6 U	9.5 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
2-Chlorophenol	µg/L	9.6 U	9.5 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
2-Methylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
2-Nitroaniline	µg/L	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
3,3'-Dichlorobenzidine	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
3-Nitroaniline	µg/L	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
4-Bromophenyl phenyl ether	µg/L	9.6 U	9.5 U	9.5 U	9.5 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
4-Chloroaniline	µg/L	9.6 U	9.5 U	9.5 U	9.5 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

TABLE 2

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

	Location ID:	*3257*	*5221*	*6209*	*7120*	*7130*
	Sample Name:	*WG-9954-061313-SG-017*	*WG-9954-061413-SG-025*	*WG-9954-061213-SG-011*	*WG-9954-061013-SG-002*	*WG-9954-061813-SG-046*
	Sample Date:	*6/13/2013*	*6/14/2013*	*6/12/2013*	*6/10/2013*	*6/18/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
4-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	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
Acenaphthylene	µg/L	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
Benzo(a)anthracene	µg/L	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
Benzo(b)fluoranthene	µg/L	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
Benzo(k)fluoranthene	µg/L	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	22 J
Benzyl alcohol	µg/L	9.6 U	9.5 U	9.5 U	9.5 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
bis(2-Chloroethyl)ether	µg/L	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
Butyl benzylphthalate (BBP)	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	7.6 J
Chrysene	µg/L	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
Dibenzofuran	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
Diethyl phthalate	µg/L	9.6 U	1.4 J	9.5 U	9.5 U	9.6 U
Dimethyl phthalate	µg/L	9.6 U	9.5 U	9.5 U	9.5 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
Di-n-octyl phthalate (DnOP)	µg/L	9.6 U	9.5 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
Fluorene	µg/L	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
Hexachlorobutadiene	µg/L	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
Hexachloroethane	µg/L	9.6 U	9.5 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

TABLE 2

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

	Location ID:	*3257*	*5221*	*6209*	*7120*	*7130*
	Sample Name:	*WG-9954-061313-SG-017*	*WG-9954-061413-SG-025*	*WG-9954-061213-SG-011*	*WG-9954-061013-SG-002*	*WG-9954-061813-SG-046*
	Sample Date:	*6/13/2013*	*6/14/2013*	*6/12/2013*	*6/10/2013*	*6/18/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.6 U	9.5 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
Nitrobenzene	µg/L	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
N-Nitrosodiphenylamine	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
Pentachlorophenol	µg/L	9.6 U	9.5 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
Phenol	µg/L	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
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 U	0.38 U
Aroclor-1221 (PCB-1221)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 U	0.38 U
Aroclor-1232 (PCB-1232)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 U	0.38 U
Aroclor-1242 (PCB-1242)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 U	0.38 U
Aroclor-1248 (PCB-1248)	µg/L	0.38 UJ	0.38 U	0.39 UJ	0.38 U	0.38 U
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 U	0.39 UJ	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.39 UJ	0.38 U	0.38 U
Pesticides						
4,4'-DDD	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U
4,4'-DDE	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U
4,4'-DDT	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
Aldrin	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
alpha-BHC	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
alpha-Chlordane	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
beta-BHC	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
delta-BHC	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
Dieldrin	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
Endosulfan I	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
Endosulfan II	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U

TABLE 2

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

	Location ID:	***3257***	***5221***	***6209***	***7120***	***7130***
	Sample Name:	***WG-9954-061313-SG-017***	***WG-9954-061413-SG-025***	***WG-9954-061213-SG-011***	***WG-9954-061013-SG-002***	***WG-9954-061813-SG-046***
	Sample Date:	***6/13/2013***	***6/14/2013***	***6/12/2013***	***6/10/2013***	***6/18/2013***
Parameters	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U
Endrin	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U
Endrin ketone	µg/L	0.048 UJ	0.047 U	0.049 U	0.047 U	0.047 U
gamma-BHC (lindane)	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
gamma-Chlordane	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
Heptachlor	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
Heptachlor epoxide	µg/L	0.048 U	0.047 U	0.049 U	0.047 U	0.047 U
Methoxychlor	µg/L	0.095 U	0.094 U	0.097 U	0.094 U	0.094 U
Toxaphene	µg/L	3.8 U	3.8 U	3.9 U	3.8 U	3.8 U

TABLE 2

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

	Location ID:	*7132*	*7155*	*7161*	*7205*	*8106*
	Sample Name:	*WG-9954-061013-SG-003*	*WG-9954-061113-SG-009*	*WG-9954-061413-SG-022*	*WG-9954-061713-SG-042*	*WG-9954-061413-SG-028*
	Sample Date:	*6/10/2013*	*6/11/2013*	*6/14/2013*	*6/17/2013*	*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
1,1,2,2-Tetrachloroethane	µg/L	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
1,1-Dichloroethane	µg/L	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
1,2-Dichloroethane	µg/L	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
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	R	R	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Acetone	µg/L	R	R	R	20 U	R
Benzene	µg/L	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
Bromoform	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Carbon disulfide	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ
Carbon tetrachloride	µg/L	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
Chloroethane	µg/L	5.0 UJ	5.0 U	5.0 UJ	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
Chloromethane (Methyl chloride)	µg/L	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
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Ethylbenzene	µg/L	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
Styrene	µg/L	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
Toluene	µg/L	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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

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

	Location ID:	*7132*	*7155*	*7161*	*7205*	*8106*
	Sample Name:	*WG-9954-061013-SG-003*	*WG-9954-061113-SG-009*	*WG-9954-061413-SG-022*	*WG-9954-061713-SG-042*	*WG-9954-061413-SG-028*
	Sample Date:	*6/10/2013*	*6/11/2013*	*6/14/2013*	*6/17/2013*	*6/14/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	µg/L	5.0 U	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
Xylenes (total)	µg/L	10 U	10 U	10 U	10 U	10 U
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
1,2-Dichlorobenzene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
1,3-Dichlorobenzene	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
1,4-Dichlorobenzene	µg/L	9.6 U	9.5 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
2,4,5-Trichlorophenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 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
2,4-Dichlorophenol	µg/L	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
2,4-Dinitrophenol	µg/L	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
2,6-Dinitrotoluene	µg/L	9.6 U	9.5 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
2-Chlorophenol	µg/L	9.6 U	9.5 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
2-Methylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
2-Nitroaniline	µg/L	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
3,3'-Dichlorobenzidine	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
3-Nitroaniline	µg/L	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
4-Bromophenyl phenyl ether	µg/L	9.6 U	9.5 U	9.5 U	9.5 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
4-Chloroaniline	µg/L	9.6 U	9.5 U	9.5 U	9.5 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

TABLE 2

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

	Location ID:	***7132***	***7155***	***7161***	***7205***	***8106***
	Sample Name:	***WG-9954-061013-SG-003***	***WG-9954-061113-SG-009***	***WG-9954-061413-SG-022***	***WG-9954-061713-SG-042***	***WG-9954-061413-SG-028***
	Sample Date:	***6/10/2013***	***6/11/2013***	***6/14/2013***	***6/17/2013***	***6/14/2013***
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
4-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	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
Acenaphthylene	µg/L	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
Benzo(a)anthracene	µg/L	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
Benzo(b)fluoranthene	µg/L	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
Benzo(k)fluoranthene	µg/L	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
Benzyl alcohol	µg/L	9.6 U	9.5 U	9.5 U	9.5 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
bis(2-Chloroethyl)ether	µg/L	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
Butyl benzylphthalate (BBP)	µg/L	9.6 U	9.5 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
Dibenz(a,h)anthracene	µg/L	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
Diethyl phthalate	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
Dimethyl phthalate	µg/L	9.6 U	9.5 U	9.5 U	9.5 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
Di-n-octyl phthalate (DnOP)	µg/L	9.6 U	9.5 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
Fluorene	µg/L	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
Hexachlorobutadiene	µg/L	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
Hexachloroethane	µg/L	9.6 U	9.5 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

TABLE 2

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

	Location ID:	*7132*	*7155*	*7161*	*7205*	*8106*
	Sample Name:	*WG-9954-061013-SG-003*	*WG-9954-061113-SG-009*	*WG-9954-061413-SG-022*	*WG-9954-061713-SG-042*	*WG-9954-061413-SG-028*
	Sample Date:	*6/10/2013*	*6/11/2013*	*6/14/2013*	*6/17/2013*	*6/14/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.6 U	9.5 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
Nitrobenzene	µg/L	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
N-Nitrosodiphenylamine	µg/L	9.6 U	9.5 U	9.5 U	9.5 U	9.6 U
Pentachlorophenol	µg/L	9.6 U	9.5 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
Phenol	µg/L	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
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 U	0.38 UJ	0.38 U	0.38 UJ	0.38 U
Aroclor-1221 (PCB-1221)	µg/L	0.38 U	0.38 UJ	0.38 U	0.38 UJ	0.38 U
Aroclor-1232 (PCB-1232)	µg/L	0.38 U	0.38 UJ	0.38 U	0.38 UJ	0.38 U
Aroclor-1242 (PCB-1242)	µg/L	0.38 U	0.38 UJ	0.38 U	0.38 UJ	0.38 U
Aroclor-1248 (PCB-1248)	µg/L	0.38 U	0.38 UJ	0.38 U	0.38 UJ	0.38 U
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 UJ	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 UJ	0.38 U	0.38 U	0.38 U
Pesticides						
4,4'-DDD	µg/L	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
4,4'-DDT	µg/L	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
alpha-BHC	µg/L	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
beta-BHC	µg/L	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	0.083	0.047 U
Dieldrin	µg/L	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
Endosulfan II	µg/L	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U

TABLE 2

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

	Location ID:	*7132*	*7155*	*7161*	*7205*	*8106*
	Sample Name:	*WG-9954-061013-SG-003*	*WG-9954-061113-SG-009*	*WG-9954-061413-SG-022*	*WG-9954-061713-SG-042*	*WG-9954-061413-SG-028*
	Sample Date:	*6/10/2013*	*6/11/2013*	*6/14/2013*	*6/17/2013*	*6/14/2013*
Parameters	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	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
Endrin ketone	µg/L	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
gamma-Chlordane	µg/L	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
Heptachlor epoxide	µg/L	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
Toxaphene	µg/L	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U

TABLE 2

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

	Location ID:	*8110*	*8120*	*8130*	*8140*	*8210*
	Sample Name:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061213-SG-012*
	Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/12/2013*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 UJ	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
1,1,2-Trichloroethane	µg/L	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
1,1-Dichloroethene	µg/L	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
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	R	R	5.0 U	R	R
2-Hexanone	µg/L	5.0 UJ	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 UJ	5.0 U	5.0 U
Acetone	µg/L	R	R	R	R	R
Benzene	µg/L	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
Bromoform	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Chlorobenzene	µg/L	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 UJ	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 UJ	5.0 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
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	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
Styrene	µg/L	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
Toluene	µg/L	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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

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

	Location ID:	*8110*	*8120*	*8130*	*8140*	*8210*
	Sample Name:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061213-SG-012*
	Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/12/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	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 UJ	5.0 U	5.0 UJ
Vinyl chloride	µg/L	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
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,2-Dichlorobenzene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,3-Dichlorobenzene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,4-Dichlorobenzene	µg/L	9.6 U	9.6 U	9.6 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
2,4,5-Trichlorophenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,4,6-Trichlorophenol	µg/L	9.6 U	9.6 U	9.6 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
2,4-Dimethylphenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,4-Dinitrophenol	µg/L	48 U	48 U	48 U	48 U	48 U
2,4-Dinitrotoluene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,6-Dinitrotoluene	µg/L	9.6 U	9.6 U	9.6 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
2-Chlorophenol	µg/L	9.6 U	9.6 U	9.6 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
2-Methylphenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
2-Nitrophenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
3,3'-Dichlorobenzidine	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
3-Nitroaniline	µg/L	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
4-Bromophenyl phenyl ether	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chloro-3-methylphenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chloroaniline	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chlorophenyl phenyl ether	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U

TABLE 2

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

	Location ID:	*8110*	*8120*	*8130*	*8140*	*8210*
	Sample Name:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061213-SG-012*
	Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/12/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	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
Acenaphthylene	µg/L	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
Benzo(a)anthracene	µg/L	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
Benzo(b)fluoranthene	µg/L	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
Benzo(k)fluoranthene	µg/L	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
Benzyl alcohol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
bis(2-Chloroethoxy)methane	µg/L	9.6 U	9.6 U	9.6 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
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	19 U	19 U	19 U	19 U	19 U
Butyl benzylphthalate (BBP)	µg/L	9.6 U	9.6 U	9.6 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
Dibenz(a,h)anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenzofuran	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Diethyl phthalate	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	1.6 J
Dimethyl phthalate	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Di-n-butylphthalate (DBP)	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Di-n-octyl phthalate (DnOP)	µg/L	9.6 U	9.6 U	9.6 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
Fluorene	µg/L	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
Hexachlorobutadiene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Hexachloroethane	µg/L	9.6 U	9.6 U	9.6 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

TABLE 2

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

	Location ID:	*8110*	*8120*	*8130*	*8140*	*8210*
	Sample Name:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061213-SG-012*
	Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/12/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.6 U	9.6 U	9.6 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
Nitrobenzene	µg/L	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
N-Nitrosodiphenylamine	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Pentachlorophenol	µg/L	9.6 U	9.6 U	9.6 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
Phenol	µg/L	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
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ
Aroclor-1221 (PCB-1221)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ
Aroclor-1232 (PCB-1232)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ
Aroclor-1242 (PCB-1242)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ
Aroclor-1248 (PCB-1248)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 UJ
Pesticides						
4,4'-DDD	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
4,4'-DDE	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
4,4'-DDT	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
Aldrin	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
alpha-BHC	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.083 U
alpha-Chlordane	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
beta-BHC	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
delta-BHC	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.051
Dieldrin	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
Endosulfan I	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
Endosulfan II	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U

TABLE 2

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

	Location ID:	*8110*	*8120*	*8130*	*8140*	*8210*
	Sample Name:	*WG-9954-061013-SG-004*	*WG-9954-061013-SG-001*	*WG-9954-061413-SG-029*	*WG-9954-061013-SG-005*	*WG-9954-061213-SG-012*
	Sample Date:	*6/10/2013*	*6/10/2013*	*6/14/2013*	*6/10/2013*	*6/12/2013*
Parameters	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
Endrin	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
Endrin ketone	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
gamma-BHC (lindane)	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.11 U
gamma-Chlordane	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
Heptachlor	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
Heptachlor epoxide	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U
Methoxychlor	µg/L	0.095 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

TABLE 2

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

	Location ID:	***9110***	***9115***	***9120***	***9125***	***9130***
	Sample Name:	***WG-9954-061713-SG-043***	***WG-9954-061413-SG-030***	***WG-9954-061713-SG-044***	***WG-9954-061113-SG-010***	***WG-9954-061113-SG-008***
	Sample Date:	***6/17/2013***	***6/14/2013***	***6/17/2013***	***6/11/2013***	***6/11/2013***
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 UJ	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
1,1,2-Trichloroethane	µg/L	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
1,1-Dichloroethene	µg/L	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
1,2-Dichloropropane	µg/L	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	R	R
2-Hexanone	µg/L	5.0 U	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 U	5.0 U	5.0 U
Acetone	µg/L	20 U	R	20 U	R	R
Benzene	µg/L	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
Bromoform	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ
Carbon tetrachloride	µg/L	5.0 U	5.0 UJ	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
Chloroethane	µg/L	5.0 UJ	5.0 UJ	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
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	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
Styrene	µg/L	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
Toluene	µg/L	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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

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

	Location ID:	***9110***	***9115***	***9120***	***9125***	***9130***
	Sample Name:	***WG-9954-061713-SG-043***	***WG-9954-061413-SG-030***	***WG-9954-061713-SG-044***	***WG-9954-061113-SG-010***	***WG-9954-061113-SG-008***
	Sample Date:	***6/17/2013***	***6/14/2013***	***6/17/2013***	***6/11/2013***	***6/11/2013***
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	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
Vinyl chloride	µg/L	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
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,2-Dichlorobenzene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,3-Dichlorobenzene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
1,4-Dichlorobenzene	µg/L	9.6 U	9.6 U	9.6 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
2,4,5-Trichlorophenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,4,6-Trichlorophenol	µg/L	9.6 U	9.6 U	9.6 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
2,4-Dimethylphenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,4-Dinitrophenol	µg/L	48 U	48 U	48 U	48 U	48 U
2,4-Dinitrotoluene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2,6-Dinitrotoluene	µg/L	9.6 U	9.6 U	9.6 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
2-Chlorophenol	µg/L	9.6 U	9.6 U	9.6 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
2-Methylphenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
2-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
2-Nitrophenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
3,3'-Dichlorobenzidine	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
3-Nitroaniline	µg/L	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
4-Bromophenyl phenyl ether	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chloro-3-methylphenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chloroaniline	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Chlorophenyl phenyl ether	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U

TABLE 2

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

	Location ID:	*9110*	*9115*	*9120*	*9125*	*9130*
	Sample Name:	*WG-9954-061713-SG-043*	*WG-9954-061413-SG-030*	*WG-9954-061713-SG-044*	*WG-9954-061113-SG-010*	*WG-9954-061113-SG-008*
	Sample Date:	*6/17/2013*	*6/14/2013*	*6/17/2013*	*6/11/2013*	*6/11/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	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
Acenaphthylene	µg/L	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
Benzo(a)anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.0 J	1.9 U
Benzo(a)pyrene	µg/L	1.9 U	1.9 U	1.9 U	0.64 J	1.9 U
Benzo(b)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.0 J	1.9 U
Benzo(g,h,i)perylene	µg/L	1.9 U	1.9 U	1.9 U	1.2 J	1.9 U
Benzo(k)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.4 J	1.9 U
Benzoic acid	µg/L	48 U	48 U	48 U	48 U	48 U
Benzyl alcohol	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
bis(2-Chloroethoxy)methane	µg/L	9.6 U	9.6 U	9.6 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
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	19 U	19 U	19 U	19 U	19 U
Butyl benzylphthalate (BBP)	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Chrysene	µg/L	1.9 U	1.9 U	1.9 U	1.7 J	1.9 U
Dibenz(a,h)anthracene	µg/L	1.9 U	1.9 U	1.9 U	1.3 J	1.9 U
Dibenzofuran	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Diethyl phthalate	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Dimethyl phthalate	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Di-n-butylphthalate (DBP)	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Di-n-octyl phthalate (DnOP)	µg/L	9.6 U	9.6 U	9.6 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
Fluorene	µg/L	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
Hexachlorobutadiene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Hexachloroethane	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Indeno(1,2,3-cd)pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.0 J	1.9 U

TABLE 2

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

	Location ID:	*9110*	*9115*	*9120*	*9125*	*9130*
	Sample Name:	*WG-9954-061713-SG-043*	*WG-9954-061413-SG-030*	*WG-9954-061713-SG-044*	*WG-9954-061113-SG-010*	*WG-9954-061113-SG-008*
	Sample Date:	*6/17/2013*	*6/14/2013*	*6/17/2013*	*6/11/2013*	*6/11/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.6 U	9.6 U	9.6 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
Nitrobenzene	µg/L	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
N-Nitrosodiphenylamine	µg/L	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
Pentachlorophenol	µg/L	9.6 U	9.6 U	9.6 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
Phenol	µg/L	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
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1221 (PCB-1221)	µg/L	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1232 (PCB-1232)	µg/L	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1242 (PCB-1242)	µg/L	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1248 (PCB-1248)	µg/L	0.38 UJ	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 UJ
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 UJ
Pesticides						
4,4'-DDD	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
4,4'-DDE	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
4,4'-DDT	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Aldrin	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
alpha-BHC	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
alpha-Chlordane	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
beta-BHC	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
delta-BHC	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Dieldrin	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Endosulfan I	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Endosulfan II	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U

TABLE 2

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

	Location ID:	*9110*	*9115*	*9120*	*9125*	*9130*
	Sample Name:	*WG-9954-061713-SG-043*	*WG-9954-061413-SG-030*	*WG-9954-061713-SG-044*	*WG-9954-061113-SG-010*	*WG-9954-061113-SG-008*
	Sample Date:	*6/17/2013*	*6/14/2013*	*6/17/2013*	*6/11/2013*	*6/11/2013*
Parameters	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Endrin	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Endrin ketone	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
gamma-BHC (lindane)	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
gamma-Chlordane	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Heptachlor	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Heptachlor epoxide	µg/L	0.047 U	0.047 U	0.047 U	0.048 U	0.047 U
Methoxychlor	µg/L	0.094 U	0.094 U	0.094 U	0.095 U	0.094 U
Toxaphene	µg/L	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U

TABLE 2

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

	Location ID:	*9140*	*9205*	*9210*	*10105*	*10105*
	Sample Name:	*WG-9954-061413-SG-026*	*WG-9954-061213-SG-013*	*WG-9954-061513-SG-031*	*WG-9954-061113-SG-006*	*WG-9954-061113-SG-007*
	Sample Date:	*6/14/2013*	*6/12/2013*	*6/15/2013*	*6/11/2013*	*6/11/2013 (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	5.0 UJ	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
1,1,2-Trichloroethane	µg/L	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
1,1-Dichloroethene	µg/L	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
1,2-Dichloropropane	µg/L	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	R	5.0 U	R	R
2-Hexanone	µg/L	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 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	R	R	20 U	R	R
Benzene	µg/L	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
Bromoform	µg/L	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Carbon tetrachloride	µg/L	5.0 UJ	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
Chloroethane	µg/L	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
Chloromethane (Methyl chloride)	µg/L	5.0 UJ	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
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	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
Styrene	µg/L	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
Toluene	µg/L	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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

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

	Location ID:	*9140*	*9205*	*9210*	*10105*	*10105*
	Sample Name:	*WG-9954-061413-SG-026*	*WG-9954-061213-SG-013*	*WG-9954-061513-SG-031*	*WG-9954-061113-SG-006*	*WG-9954-061113-SG-007*
	Sample Date:	*6/14/2013*	*6/12/2013*	*6/15/2013*	*6/11/2013*	*6/11/2013 (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	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
Vinyl chloride	µg/L	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
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.6 U
1,2-Dichlorobenzene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.6 U
1,3-Dichlorobenzene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.6 U
1,4-Dichlorobenzene	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.6 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
2,4,5-Trichlorophenol	µg/L	9.5 U	9.6 U	9.6 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	9.6 U
2,4-Dichlorophenol	µg/L	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	9.6 U
2,4-Dinitrophenol	µg/L	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	9.6 U
2,6-Dinitrotoluene	µg/L	9.5 U	9.6 U	9.6 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
2-Chlorophenol	µg/L	9.5 U	9.6 U	9.6 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
2-Methylphenol	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.6 U
2-Nitroaniline	µg/L	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	9.6 U
3,3'-Dichlorobenzidine	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.6 U
3-Nitroaniline	µg/L	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
4-Bromophenyl phenyl ether	µg/L	9.5 U	9.6 U	9.6 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	9.6 U
4-Chloroaniline	µg/L	9.5 U	9.6 U	9.6 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	9.6 U

TABLE 2

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

	Location ID:	*9140*	*9205*	*9210*	*10105*	*10105*
	Sample Name:	*WG-9954-061413-SG-026*	*WG-9954-061213-SG-013*	*WG-9954-061513-SG-031*	*WG-9954-061113-SG-006*	*WG-9954-061113-SG-007*
	Sample Date:	*6/14/2013*	*6/12/2013*	*6/15/2013*	*6/11/2013*	*6/11/2013 (Duplicate)*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	9.5 U	13	9.6 U	9.5 U	9.6 U
4-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	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
Acenaphthylene	µg/L	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
Benzo(a)anthracene	µg/L	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
Benzo(b)fluoranthene	µg/L	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
Benzo(k)fluoranthene	µg/L	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
Benzyl alcohol	µg/L	9.5 U	9.6 U	9.6 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	9.6 U
bis(2-Chloroethyl)ether	µg/L	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
Butyl benzylphthalate (BBP)	µg/L	9.5 U	9.6 U	9.6 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
Dibenz(a,h)anthracene	µg/L	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	9.6 U
Diethyl phthalate	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.6 U
Dimethyl phthalate	µg/L	9.5 U	9.6 U	9.6 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	9.6 U
Di-n-octyl phthalate (DnOP)	µg/L	9.5 U	9.6 U	9.6 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
Fluorene	µg/L	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
Hexachlorobutadiene	µg/L	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	9.6 U
Hexachloroethane	µg/L	9.5 U	9.6 U	9.6 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

TABLE 2

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

	Location ID:	*9140*	*9205*	*9210*	*10105*	*10105*
	Sample Name:	*WG-9954-061413-SG-026*	*WG-9954-061213-SG-013*	*WG-9954-061513-SG-031*	*WG-9954-061113-SG-006*	*WG-9954-061113-SG-007*
	Sample Date:	*6/14/2013*	*6/12/2013*	*6/15/2013*	*6/11/2013*	*6/11/2013 (Duplicate)*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.5 U	9.6 U	9.6 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
Nitrobenzene	µg/L	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
N-Nitrosodiphenylamine	µg/L	9.5 U	9.6 U	9.6 U	9.5 U	9.6 U
Pentachlorophenol	µg/L	9.5 U	9.6 U	9.6 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
Phenol	µg/L	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
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1221 (PCB-1221)	µg/L	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1232 (PCB-1232)	µg/L	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1242 (PCB-1242)	µg/L	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1248 (PCB-1248)	µg/L	0.38 U	0.39 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.39 UJ	0.38 U	0.38 UJ	0.39 UJ
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.39 UJ	0.38 U	0.38 UJ	0.39 UJ
Pesticides						
4,4'-DDD	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
4,4'-DDE	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
4,4'-DDT	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Aldrin	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
alpha-BHC	µg/L	0.048 U	0.21 U	0.047 U	0.047 U	0.049 U
alpha-Chlordane	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
beta-BHC	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
delta-BHC	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Dieldrin	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Endosulfan I	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Endosulfan II	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U

TABLE 2

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

	Location ID:	*9140*	*9205*	*9210*	*10105*	*10105*
	Sample Name:	*WG-9954-061413-SG-026*	*WG-9954-061213-SG-013*	*WG-9954-061513-SG-031*	*WG-9954-061113-SG-006*	*WG-9954-061113-SG-007*
	Sample Date:	*6/14/2013*	*6/12/2013*	*6/15/2013*	*6/11/2013*	*6/11/2013 (Duplicate)*
Parameters	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Endrin	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Endrin ketone	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
gamma-BHC (lindane)	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
gamma-Chlordane	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Heptachlor	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Heptachlor epoxide	µg/L	0.048 U	0.049 U	0.047 U	0.047 U	0.049 U
Methoxychlor	µg/L	0.095 U	0.097 U	0.094 U	0.094 U	0.098 U
Toxaphene	µg/L	3.8 U	3.9 U	3.8 U	3.8 U	3.9 U

TABLE 2

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

	Location ID:	*10135*	*10147*	*10174A*	*10178A*	*10205*
	Sample Name:	*WG-9954-061813-SG-045*	*WG-9954-061313-SG-018*	*WG-9954-061313-SG-020*	*WG-9954-061313-SG-019*	*WG-9954-061513-SG-032*
	Sample Date:	*6/18/2013*	*6/13/2013*	*6/13/2013*	*6/13/2013*	*6/15/2013*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Acetone	µg/L	2000 U	R	R	R	R
Benzene	µg/L	2500	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Bromomethane (Methyl bromide)	µg/L	500 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Carbon disulfide	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Carbon tetrachloride	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	730	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Chloroform (Trichloromethane)	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Dibromochloromethane	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Ethylbenzene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	6100	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

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

	Location ID:	***10135***	***10147***	***10174A***	***10178A***	***10205***
	Sample Name:	***WG-9954-061813-SG-045***	***WG-9954-061313-SG-018***	***WG-9954-061313-SG-020***	***WG-9954-061313-SG-019***	***WG-9954-061513-SG-032***
	Sample Date:	***6/18/2013***	***6/13/2013***	***6/13/2013***	***6/13/2013***	***6/15/2013***
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	µg/L	500 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Vinyl chloride	µg/L	500 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	1000 U	10 U	10 U	10 U	10 U
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/L	69	9.6 U	9.6 U	9.8 U	9.5 U
1,2-Dichlorobenzene	µg/L	45	9.6 U	9.6 U	9.8 U	9.5 U
1,3-Dichlorobenzene	µg/L	5.2 J	9.6 U	9.6 U	9.8 U	9.5 U
1,4-Dichlorobenzene	µg/L	130	9.6 U	9.6 U	9.8 U	9.5 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
2,4,5-Trichlorophenol	µg/L	10	9.6 U	9.6 U	9.8 U	9.5 U
2,4,6-Trichlorophenol	µg/L	12	9.6 U	9.6 U	9.8 U	9.5 U
2,4-Dichlorophenol	µg/L	360	1.9 U	1.9 U	2.0 U	1.9 U
2,4-Dimethylphenol	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
2,4-Dinitrophenol	µg/L	48 U	48 U	48 U	49 U	48 U
2,4-Dinitrotoluene	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
2,6-Dinitrotoluene	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
2-Chloronaphthalene	µg/L	210	1.9 U	1.9 U	2.0 U	1.9 U
2-Chlorophenol	µg/L	28	9.6 U	9.6 U	9.8 U	9.5 U
2-Methylnaphthalene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
2-Methylphenol	µg/L	29	9.6 U	9.6 U	9.8 U	9.5 U
2-Nitroaniline	µg/L	48 U	48 U	48 U	49 U	48 U
2-Nitrophenol	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
3,3'-Dichlorobenzidine	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
3-Nitroaniline	µg/L	48 U	48 U	48 U	49 U	48 U
4,6-Dinitro-2-methylphenol	µg/L	48 U	48 U	48 U	49 U	48 U
4-Bromophenyl phenyl ether	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
4-Chloro-3-methylphenol	µg/L	23	9.6 U	9.6 U	9.8 U	9.5 U
4-Chloroaniline	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
4-Chlorophenyl phenyl ether	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U

TABLE 2

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

	Location ID:	*10135*	*10147*	*10174A*	*10178A*	*10205*
	Sample Name:	*WG-9954-061813-SG-045*	*WG-9954-061313-SG-018*	*WG-9954-061313-SG-020*	*WG-9954-061313-SG-019*	*WG-9954-061513-SG-032*
	Sample Date:	*6/18/2013*	*6/13/2013*	*6/13/2013*	*6/13/2013*	*6/15/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	89	9.6 U	9.6 U	9.8 U	9.5 U
4-Nitroaniline	µg/L	48 U	48 U	48 U	49 U	48 U
4-Nitrophenol	µg/L	48 U	48 U	48 U	49 U	48 U
Acenaphthene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Acenaphthylene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Anthracene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Benzo(a)anthracene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Benzo(a)pyrene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Benzo(b)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Benzo(g,h,i)perylene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Benzo(k)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Benzoic acid	µg/L	16000	48 U	48 U	49 U	48 U
Benzyl alcohol	µg/L	380 J	9.6 U	9.6 U	9.8 U	9.5 U
bis(2-Chloroethoxy)methane	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
bis(2-Chloroethyl)ether	µg/L	26	1.9 U	1.9 U	2.0 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	19 U	19 U	19 U	20 U	19 U
Butyl benzylphthalate (BBP)	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Chrysene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Dibenz(a,h)anthracene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Dibenzofuran	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Diethyl phthalate	µg/L	9.5 U	9.6 U	9.6 U	1.7 J	9.5 U
Dimethyl phthalate	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Di-n-butylphthalate (DBP)	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Di-n-octyl phthalate (DnOP)	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Fluorene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Hexachlorobenzene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Hexachlorobutadiene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Hexachlorocyclopentadiene	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Hexachloroethane	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Indeno(1,2,3-cd)pyrene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U

TABLE 2

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

	Location ID:	*10135*	*10147*	*10174A*	*10178A*	*10205*
	Sample Name:	*WG-9954-061813-SG-045*	*WG-9954-061313-SG-018*	*WG-9954-061313-SG-020*	*WG-9954-061313-SG-019*	*WG-9954-061513-SG-032*
	Sample Date:	*6/18/2013*	*6/13/2013*	*6/13/2013*	*6/13/2013*	*6/15/2013*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Naphthalene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Nitrobenzene	µg/L	19 U	19 U	19 U	20 U	19 U
N-Nitrosodi-n-propylamine	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
N-Nitrosodiphenylamine	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Pentachlorophenol	µg/L	9.5 U	9.6 U	9.6 U	9.8 U	9.5 U
Phenanthrene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Phenol	µg/L	92	1.9 U	1.9 U	2.0 U	1.9 U
Pyrene	µg/L	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U
Aroclor-1221 (PCB-1221)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U
Aroclor-1232 (PCB-1232)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U
Aroclor-1242 (PCB-1242)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U
Aroclor-1248 (PCB-1248)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Pesticides						
4,4'-DDD	µg/L	0.089 J	0.047 UJ	0.047 UJ	0.048 UJ	0.047 U
4,4'-DDE	µg/L	0.053	0.047 UJ	0.047 UJ	0.048 UJ	0.047 U
4,4'-DDT	µg/L	0.048 U	0.047 U	0.047 U	0.048 U	0.047 U
Aldrin	µg/L	0.16 J	0.047 U	0.047 U	0.048 U	0.047 U
alpha-BHC	µg/L	20	0.047 U	0.047 U	0.048 U	0.047 U
alpha-Chlordane	µg/L	0.048 U	0.047 U	0.047 U	0.048 U	0.047 U
beta-BHC	µg/L	5.9	0.047 U	0.047 U	0.048 U	0.047 U
delta-BHC	µg/L	5.2	0.047 U	0.047 U	0.048 U	0.047 U
Dieldrin	µg/L	0.048 U	0.047 U	0.047 U	0.048 U	0.047 U
Endosulfan I	µg/L	0.048 U	0.047 U	0.047 U	0.048 U	0.047 U
Endosulfan II	µg/L	0.053 J	0.047 UJ	0.047 UJ	0.048 UJ	0.047 U

TABLE 2

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

	Location ID:	*10135*	*10147*	*10174A*	*10178A*	*10205*
	Sample Name:	*WG-9954-061813-SG-045*	*WG-9954-061313-SG-018*	*WG-9954-061313-SG-020*	*WG-9954-061313-SG-019*	*WG-9954-061513-SG-032*
	Sample Date:	*6/18/2013*	*6/13/2013*	*6/13/2013*	*6/13/2013*	*6/15/2013*
Parameters	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	0.048 U	0.047 UJ	0.047 UJ	0.048 UJ	0.047 U
Endrin	µg/L	0.048 U	0.047 UJ	0.047 UJ	0.048 UJ	0.047 U
Endrin ketone	µg/L	0.048 U	0.047 UJ	0.047 UJ	0.048 UJ	0.047 U
gamma-BHC (lindane)	µg/L	3.9	0.047 U	0.047 U	0.048 U	0.047 U
gamma-Chlordane	µg/L	0.065	0.047 U	0.047 U	0.048 U	0.047 U
Heptachlor	µg/L	0.15 J	0.047 U	0.047 U	0.048 U	0.047 U
Heptachlor epoxide	µg/L	0.22 J	0.047 U	0.047 U	0.048 U	0.047 U
Methoxychlor	µg/L	0.095 U	0.094 U	0.094 U	0.095 U	0.094 U
Toxaphene	µg/L	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U

TABLE 2

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

	Location ID:	*10210A*	*10210B*	*10210C*	*10215*	*10215*
	Sample Name:	*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*	*WG-9954-061513-SG-036*
	Sample Date:	*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013 (Duplicate)*
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
1,1,2,2-Tetrachloroethane	µg/L	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
1,1-Dichloroethane	µg/L	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
1,2-Dichloroethane	µg/L	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
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	R	20 U	20 U	20 U	20 U
Benzene	µg/L	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
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	2.2 J	5.0 U
Carbon tetrachloride	µg/L	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
Chloroethane	µg/L	5.0 U	5.0 UJ	5.0 UJ	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
Chloromethane (Methyl chloride)	µg/L	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
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	1.2 J	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
Tetrachloroethene	µg/L	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
trans-1,2-Dichloroethene	µg/L	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

TABLE 2

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

	Location ID:	*10210A*	*10210B*	*10210C*	*10215*	*10215*
	Sample Name:	*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*	*WG-9954-061513-SG-036*
	Sample Date:	*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013 (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	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
Vinyl chloride	µg/L	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
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
1,2-Dichlorobenzene	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
1,3-Dichlorobenzene	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
1,4-Dichlorobenzene	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 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
2,4,5-Trichlorophenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
2,4,6-Trichlorophenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
2,4-Dichlorophenol	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
2,4-Dinitrophenol	µg/L	47 U	48 U	48 U	48 U	48 U
2,4-Dinitrotoluene	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
2,6-Dinitrotoluene	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
2-Chloronaphthalene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chlorophenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
2-Methylnaphthalene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylphenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
2-Nitroaniline	µg/L	47 U	48 U	48 U	48 U	48 U
2-Nitrophenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
3,3'-Dichlorobenzidine	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
3-Nitroaniline	µg/L	47 U	48 U	48 U	48 U	48 U
4,6-Dinitro-2-methylphenol	µg/L	47 U	48 U	48 U	48 U	48 U
4-Bromophenyl phenyl ether	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
4-Chloro-3-methylphenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
4-Chloroaniline	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
4-Chlorophenyl phenyl ether	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U

TABLE 2

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

	Location ID:	*10210A*	*10210B*	*10210C*	*10215*	*10215*
	Sample Name:	*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*	*WG-9954-061513-SG-036*
	Sample Date:	*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013 (Duplicate)*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
4-Nitroaniline	µg/L	47 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	47 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
Acenaphthylene	µg/L	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
Benzo(a)anthracene	µg/L	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
Benzo(b)fluoranthene	µg/L	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
Benzo(k)fluoranthene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzoic acid	µg/L	47 U	48 U	48 U	48 U	48 U
Benzyl alcohol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
bis(2-Chloroethoxy)methane	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
bis(2-Chloroethyl)ether	µg/L	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
Butyl benzylphthalate (BBP)	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Chrysene	µg/L	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
Dibenzofuran	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Diethyl phthalate	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Dimethyl phthalate	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Di-n-butylphthalate (DBP)	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Di-n-octyl phthalate (DnOP)	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Fluoranthene	µg/L	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
Hexachlorobenzene	µg/L	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
Hexachlorocyclopentadiene	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Hexachloroethane	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Indeno(1,2,3-cd)pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U

TABLE 2

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

	Location ID:	*10210A*	*10210B*	*10210C*	*10215*	*10215*
	Sample Name:	*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*	*WG-9954-061513-SG-036*
	Sample Date:	*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013 (Duplicate)*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Naphthalene	µg/L	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
N-Nitrosodi-n-propylamine	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Pentachlorophenol	µg/L	9.4 U	9.6 U	9.6 U	9.6 U	9.5 U
Phenanthrene	µg/L	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
Pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1221 (PCB-1221)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1232 (PCB-1232)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1242 (PCB-1242)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1248 (PCB-1248)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Pesticides						
4,4'-DDD	µg/L	0.048 UJ	0.047 U	0.047 U	0.047 U	0.048 U
4,4'-DDE	µg/L	0.048 UJ	0.047 U	0.047 U	0.047 U	0.048 U
4,4'-DDT	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
Aldrin	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
alpha-BHC	µg/L	.0.66 U	0.047 U	0.047 U	0.047 U	0.048 U
alpha-Chlordane	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
beta-BHC	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
delta-BHC	µg/L	0.067 J	0.047 U	0.047 U	0.047 U	0.048 U
Dieldrin	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
Endosulfan I	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
Endosulfan II	µg/L	0.048 UJ	0.047 U	0.047 U	0.047 U	0.048 U

TABLE 2

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

Location ID:		*10210A*	*10210B*	*10210C*	*10215*	*10215*
Sample Name:		*WG-9954-061313-SG-014*	*WG-9954-061513-SG-033*	*WG-9954-061513-SG-034*	*WG-9954-061513-SG-035*	*WG-9954-061513-SG-036*
Sample Date:		*6/13/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013*	*6/15/2013 (Duplicate)*
Parameters	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	0.048 UJ	0.047 U	0.047 U	0.047 U	0.048 U
Endrin	µg/L	0.048 UJ	0.047 U	0.047 U	0.047 U	0.048 U
Endrin ketone	µg/L	0.048 UJ	0.047 U	0.047 U	0.047 U	0.048 U
gamma-BHC (lindane)	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
gamma-Chlordane	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
Heptachlor	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
Heptachlor epoxide	µg/L	0.048 U	0.047 U	0.047 U	0.047 U	0.048 U
Methoxychlor	µg/L	0.095 U	0.094 U	0.094 U	0.094 U	0.095 U
Toxaphene	µg/L	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U

TABLE 2

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

	Location ID:	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
	Sample Name:	*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:	*6/14/2013*	*6/13/2013*	*6/13/2013 (Duplicate)*	*6/17/2013*	*6/17/2013 (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	5.0 UJ	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
1,1,2-Trichloroethane	µg/L	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
1,1-Dichloroethene	µg/L	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
1,2-Dichloropropane	µg/L	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	5.0 U
2-Hexanone	µg/L	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	R	R	R	20 U	20 U
Benzene	µg/L	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
Bromoform	µg/L	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U
Carbon disulfide	µg/L	2.7 J	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	0.97 J	0.69 J
Chloroethane	µg/L	5.0 UJ	5.0 U	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
Chloromethane (Methyl chloride)	µg/L	5.0 UJ	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	1.6 J	1.6 J
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	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
Styrene	µg/L	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
Toluene	µg/L	5.0 U	5.0 U	1.0 J	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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

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

	Location ID:	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
	Sample Name:	*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:	*6/14/2013*	*6/13/2013*	*6/13/2013 (Duplicate)*	*6/17/2013*	*6/17/2013 (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	5.0 U	5.0 U	5.0 U	7.6	7.2
Vinyl acetate	µg/L	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
Xylenes (total)	µg/L	10 U	10 U	10 U	10 U	10 U
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/L	9.4 U	9.5 U	9.8 U	4.7 J	4.5 J
1,2-Dichlorobenzene	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
1,3-Dichlorobenzene	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
1,4-Dichlorobenzene	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2,4,5-Trichlorophenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,4,6-Trichlorophenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,4-Dichlorophenol	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2,4-Dimethylphenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,4-Dinitrophenol	µg/L	47 U	48 U	49 U	48 U	48 U
2,4-Dinitrotoluene	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2,6-Dinitrotoluene	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2-Chloronaphthalene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2-Chlorophenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2-Methylnaphthalene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2-Methylphenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
2-Nitroaniline	µg/L	47 U	48 U	49 U	48 U	48 U
2-Nitrophenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
3,3'-Dichlorobenzidine	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
3-Nitroaniline	µg/L	47 U	48 U	49 U	48 U	48 U
4,6-Dinitro-2-methylphenol	µg/L	47 U	48 U	49 U	48 U	48 U
4-Bromophenyl phenyl ether	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Chloro-3-methylphenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Chloroaniline	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Chlorophenyl phenyl ether	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U

TABLE 2

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

	Location ID:	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
	Sample Name:	*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:	*6/14/2013*	*6/13/2013*	*6/13/2013 (Duplicate)*	*6/17/2013*	*6/17/2013 (Duplicate)*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
4-Nitroaniline	µg/L	47 U	48 U	49 U	48 U	48 U
4-Nitrophenol	µg/L	47 U	48 U	49 U	48 U	48 U
Acenaphthene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Acenaphthylene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Anthracene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(a)anthracene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(a)pyrene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(b)fluoranthene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(g,h,i)perylene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(k)fluoranthene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzoic acid	µg/L	47 U	48 U	49 U	48 U	48 U
Benzyl alcohol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
bis(2-Chloroethoxy)methane	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
bis(2-Chloroethyl)ether	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	19 U	19 U	20 U	19 U	19 U
Butyl benzylphthalate (BBP)	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Chrysene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Dibenz(a,h)anthracene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Dibenzofuran	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Diethyl phthalate	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Dimethyl phthalate	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Di-n-butylphthalate (DBP)	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Di-n-octyl phthalate (DnOP)	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Fluoranthene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Fluorene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Hexachlorobenzene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Hexachlorobutadiene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Hexachloroethane	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Indeno(1,2,3-cd)pyrene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U

TABLE 2

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

	Location ID:	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
	Sample Name:	*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:	*6/14/2013*	*6/13/2013*	*6/13/2013 (Duplicate)*	*6/17/2013*	*6/17/2013 (Duplicate)*
Parameters	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Naphthalene	µg/L	0.92 J	1.9 U	2.0 U	1.9 U	1.9 U
Nitrobenzene	µg/L	19 U	19 U	20 U	19 U	19 U
N-Nitrosodi-n-propylamine	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Pentachlorophenol	µg/L	9.4 U	9.5 U	9.8 U	9.5 U	9.5 U
Phenanthrene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Phenol	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Pyrene	µg/L	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1221 (PCB-1221)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1232 (PCB-1232)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1242 (PCB-1242)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1248 (PCB-1248)	µg/L	0.38 U	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Aroclor-1254 (PCB-1254)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Pesticides						
4,4'-DDD	µg/L	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
4,4'-DDE	µg/L	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
4,4'-DDT	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Aldrin	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
alpha-BHC	µg/L	0.047 U	0.073 U	0.086 U	0.048 U	0.047 U
alpha-Chlordane	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
beta-BHC	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
delta-BHC	µg/L	0.047 U	0.026 J	0.028 J	0.048 U	0.033 J
Dieldrin	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Endosulfan I	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Endosulfan II	µg/L	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U

TABLE 2

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

	Location ID:	*10225A*	*10225B*	*10225B*	*10225C*	*10225C*
	Sample Name:	*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:	*6/14/2013*	*6/13/2013*	*6/13/2013 (Duplicate)*	*6/17/2013*	*6/17/2013 (Duplicate)*
Parameters	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
Endrin	µg/L	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
Endrin ketone	µg/L	0.047 U	0.048 UJ	0.047 UJ	0.048 U	0.047 U
gamma-BHC (lindane)	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
gamma-Chlordane	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Heptachlor	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Heptachlor epoxide	µg/L	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U
Methoxychlor	µg/L	0.094 U	0.096 U	0.094 U	0.095 U	0.094 U
Toxaphene	µg/L	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U

TABLE 2

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

	Location ID:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
	Sample Name:	*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	***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
1,1,2,2-Tetrachloroethane	µg/L	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
1,1-Dichloroethane	µg/L	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
1,2-Dichloroethane	µg/L	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
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	20 U	20 U	20 U	20 U	20 U
Benzene	µg/L	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
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	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
Chloroethane	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	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
Chloromethane (Methyl chloride)	µg/L	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
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	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	1.3 J	5.0 U
Styrene	µg/L	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
Toluene	µg/L	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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

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

	Location ID:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
	Sample Name:	*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	***Units***					
Volatile Organic Compounds (Continued)						
Trichloroethene	µg/L	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
Vinyl chloride	µg/L	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
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/L	9.6 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	9.6 U	9.6 U
1,3-Dichlorobenzene	µg/L	9.6 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	9.6 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
2,4,5-Trichlorophenol	µg/L	9.6 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	9.6 U	9.6 U
2,4-Dichlorophenol	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	µg/L	9.6 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
2,4-Dinitrotoluene	µg/L	9.6 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	9.6 U	9.6 U
2-Chloronaphthalene	µg/L	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	9.6 U	9.6 U
2-Methylnaphthalene	µg/L	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	9.6 U	9.6 U
2-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
2-Nitrophenol	µg/L	9.6 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	9.6 U	9.6 U
3-Nitroaniline	µg/L	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
4-Bromophenyl phenyl ether	µg/L	9.6 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	9.6 U	9.6 U
4-Chloroaniline	µg/L	9.6 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	9.6 U	9.6 U

TABLE 2

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

	Location ID:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
	Sample Name:	*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	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Methylphenol	µg/L	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
4-Nitroaniline	µg/L	48 U	48 U	48 U	48 U	48 U
4-Nitrophenol	µg/L	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
Acenaphthylene	µg/L	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
Benzo(a)anthracene	µg/L	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
Benzo(b)fluoranthene	µg/L	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
Benzo(k)fluoranthene	µg/L	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
Benzyl alcohol	µg/L	9.6 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	9.6 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
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	19 U	19 U	14 J	19 U	19 U
Butyl benzylphthalate (BBP)	µg/L	9.6 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
Dibenz(a,h)anthracene	µg/L	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	9.6 U	9.6 U
Diethyl phthalate	µg/L	9.6 U	9.5 U	9.5 U	9.6 U	9.6 U
Dimethyl phthalate	µg/L	9.6 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	9.6 U	9.6 U
Di-n-octyl phthalate (DnOP)	µg/L	9.6 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
Fluorene	µg/L	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
Hexachlorobutadiene	µg/L	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	9.6 U	9.6 U
Hexachloroethane	µg/L	9.6 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

TABLE 2

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

	Location ID:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
	Sample Name:	*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	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Isophorone	µg/L	9.6 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
Nitrobenzene	µg/L	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
N-Nitrosodiphenylamine	µg/L	9.6 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	9.6 U	9.6 U
Phenanthrene	µg/L	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
Pyrene	µg/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1221 (PCB-1221)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1232 (PCB-1232)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1242 (PCB-1242)	µg/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 U	0.38 U
Aroclor-1248 (PCB-1248)	µg/L	0.38 UJ	0.38 UJ	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 U	0.38 U
Aroclor-1260 (PCB-1260)	µg/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Pesticides						
4,4'-DDD	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
4,4'-DDE	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
4,4'-DDT	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Aldrin	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
alpha-BHC	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
alpha-Chlordane	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
beta-BHC	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
delta-BHC	µg/L	0.044 J	0.029 J	0.031 J	0.047 U	0.047 U
Dieldrin	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endosulfan I	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endosulfan II	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U

TABLE 2

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

	Location ID:	*10270*	*10272*	*10278*	*MW-01*	*MW-02*
	Sample Name:	*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	***Units***					
Pesticides (Continued)						
Endosulfan sulfate	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endrin	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Endrin ketone	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
gamma-BHC (lindane)	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
gamma-Chlordane	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Heptachlor	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Heptachlor epoxide	µg/L	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
Methoxychlor	µg/L	0.094 U	0.095 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

Notes:

J Estimated concentration.
R Rejected.
U Not detect at the associated reporting limit.
UJ Not detected; associated reporting limit is estimated.

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Method* [1]	*Matrix*	*Holding Time*	
			Receipt to Extraction (Days)	*Receipt or Extraction to Analysis (Days)*
Volatiles	SW-846 8260	Water	-	10
Semi-Volatiles	SW-846 8270	Water	5	40
Pesticides	SW-846 8081	Water	5	40
PCB	SW-846 8082	Water	5	40

Notes

SW-846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
PCB Polychlorinated Biphenyls.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*Correlation Coefficient*	*RRF*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Acetone	06/12/13	-	0.029	WG-9954-061013-SG-001	R	µg/L
					WG-9954-061013-SG-002	R	µg/L
					WG-9954-061013-SG-003	R	µg/L
					WG-9954-061013-SG-004	R	µg/L
					WG-9954-061013-SG-005	R	µg/L
					WG-9954-061113-SG-006	R	µg/L
					WG-9954-061113-SG-007	R	µg/L
					WG-9954-061113-SG-008	R	µg/L
					WG-9954-061113-SG-009	R	µg/L
					WG-9954-061113-SG-010	R	µg/L
					WG-9954-061213-SG-012	R	µg/L
					WG-9954-061213-SG-013	R	µg/L
VOCs	2-Butanone	06/12/13	-	0.0384	WG-9954-061013-SG-001	R	µg/L
					WG-9954-061013-SG-002	R	µg/L
					WG-9954-061013-SG-003	R	µg/L
					WG-9954-061013-SG-004	R	µg/L
					WG-9954-061013-SG-005	R	µg/L
					WG-9954-061113-SG-006	R	µg/L
					WG-9954-061113-SG-007	R	µg/L
					WG-9954-061113-SG-008	R	µg/L
					WG-9954-061113-SG-009	R	µg/L
					WG-9954-061113-SG-010	R	µg/L
					WG-9954-061213-SG-012	R	µg/L
					WG-9954-061213-SG-013	R	µg/L
VOCs	2-Hexanone	06/12/13	49.4	-	WG-9954-061013-SG-001	5.0 UJ	µg/L
					WG-9954-061013-SG-002	5.0 UJ	µg/L
					WG-9954-061013-SG-003	5.0 UJ	µg/L
					WG-9954-061013-SG-004	5.0 UJ	µg/L
					WG-9954-061013-SG-005	5.0 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*Correlation Coefficient*	*RRF*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	2-Hexanone	06/12/13	49.4	-	WG-9954-061113-SG-006	5.0 UJ	µg/L
					WG-9954-061113-SG-007	5.0 UJ	µg/L
					WG-9954-061113-SG-008	5.0 UJ	µg/L
					WG-9954-061113-SG-009	5.0 UJ	µg/L
					WG-9954-061113-SG-010	5.0 UJ	µg/L
					WG-9954-061213-SG-012	5.0 UJ	µg/L
					WG-9954-061213-SG-013	5.0 UJ	µg/L
VOCs	Acetone	05/29/13	-	0.0375	WG-9954-061313-SG-014	R	µg/L
					WG-9954-061313-SG-015	R	µg/L
					WG-9954-061313-SG-016	R	µg/L
					WG-9954-061313-SG-017	R	µg/L
					WG-9954-061313-SG-018	R	µg/L
					WG-9954-061313-SG-019	R	µg/L
					WG-9954-061313-SG-020	R	µg/L
					WG-9954-061413-SG-022	R	µg/L
					WG-9954-061413-SG-025	R	µg/L
					WG-9954-061413-SG-026	R	µg/L
					WG-9954-061413-SG-027	R	µg/L
					WG-9954-061413-SG-028	R	µg/L
					WG-9954-061413-SG-029	R	µg/L
					WG-9954-061413-SG-030	R	µg/L
					WG-9954-061513-SG-032	R	µg/L

Notes:

- Not applicable.
RRF Relative response factor.
R Rejected.
UJ Not detected; associated reporting limit is estimated.
VOCs Volatile organic compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
PCBs	Aroclor-1260 (PCB-1260)	6/17/2013	19	WG-9954-061113-SG-006	0.38 UJ	µg/L
	Aroclor-1254 (PCB-1254)			WG-9954-061113-SG-006	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)		15.6	WG-9954-061113-SG-006	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061113-SG-006	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061113-SG-006	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061113-SG-006	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061113-SG-006	0.38 UJ	µg/L
	Aroclor-1260 (PCB-1260)			WG-9954-061113-SG-007	0.39 UJ	µg/L
	Aroclor-1254 (PCB-1254)			WG-9954-061113-SG-007	0.39 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061113-SG-007	0.39 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061113-SG-007	0.39 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061113-SG-007	0.39 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061113-SG-007	0.39 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061113-SG-007	0.39 UJ	µg/L
	Aroclor-1260 (PCB-1260)			WG-9954-061113-SG-008	0.38 UJ	µg/L
	Aroclor-1254 (PCB-1254)			WG-9954-061113-SG-008	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061113-SG-008	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061113-SG-008	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061113-SG-008	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061113-SG-008	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061113-SG-008	0.38 UJ	µg/L
	Aroclor-1260 (PCB-1260)			WG-9954-061113-SG-009	0.38 UJ	µg/L
	Aroclor-1254 (PCB-1254)			WG-9954-061113-SG-009	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061113-SG-009	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061113-SG-009	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061113-SG-009	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061113-SG-009	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061113-SG-009	0.38 UJ	µg/L
	Aroclor-1260 (PCB-1260)			WG-9954-061113-SG-010	0.38 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
PCBs	Aroclor-1254 (PCB-1254)	6/17/2013	15.6	WG-9954-061113-SG-010	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061113-SG-010	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061113-SG-010	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061113-SG-010	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061113-SG-010	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061113-SG-010	0.38 UJ	µg/L
	Aroclor-1260 (PCB-1260)			WG-9954-061213-SG-011	0.39 UJ	µg/L
	Aroclor-1254 (PCB-1254)			WG-9954-061213-SG-011	0.39 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061213-SG-011	0.39 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061213-SG-011	0.39 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061213-SG-011	0.39 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061213-SG-011	0.39 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061213-SG-011	0.39 UJ	µg/L
	Aroclor-1260 (PCB-1260)			WG-9954-061213-SG-012	0.38 UJ	µg/L
	Aroclor-1254 (PCB-1254)			WG-9954-061213-SG-012	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061213-SG-012	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061213-SG-012	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061213-SG-012	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061213-SG-012	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061213-SG-012	0.38 UJ	µg/L
	Aroclor-1260 (PCB-1260)			WG-9954-061213-SG-013	0.39 UJ	µg/L
	Aroclor-1254 (PCB-1254)			WG-9954-061213-SG-013	0.39 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061213-SG-013	0.39 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061213-SG-013	0.39 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061213-SG-013	0.39 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061213-SG-013	0.39 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061213-SG-013	0.39 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
PCBs	Aroclor-1016 (PCB-1016)	6/21/2013	18.5	WG-9954-061313-SG-014	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061313-SG-014	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061313-SG-014	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061313-SG-014	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061313-SG-014	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061313-SG-015	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061313-SG-015	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061313-SG-015	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061313-SG-015	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061313-SG-015	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061313-SG-016	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061313-SG-016	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061313-SG-016	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061313-SG-016	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061313-SG-016	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061313-SG-017	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061313-SG-017	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061313-SG-017	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061313-SG-017	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061313-SG-017	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061313-SG-018	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061313-SG-018	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061313-SG-018	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061313-SG-018	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061313-SG-018	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061313-SG-019	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061313-SG-019	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061313-SG-019	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061313-SG-019	0.38 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
PCBs	Aroclor-1242 (PCB-1242)	6/21/2013	18.5	WG-9954-061313-SG-019	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061313-SG-020	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061313-SG-020	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061313-SG-020	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061313-SG-020	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061313-SG-020	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061313-SG-021	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061313-SG-021	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061313-SG-021	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061313-SG-021	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061313-SG-021	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061513-SG-031	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061513-SG-031	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061513-SG-031	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061513-SG-031	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061513-SG-031	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061513-SG-033	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061513-SG-033	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061513-SG-033	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061513-SG-033	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061513-SG-033	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061513-SG-034	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061513-SG-034	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061513-SG-034	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061513-SG-034	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061513-SG-034	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061513-SG-035	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061513-SG-035	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061513-SG-035	0.38 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
PCBs	Aroclor-1248 (PCB-1248)	6/21/2013	18.5	WG-9954-061513-SG-035	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061513-SG-035	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061513-SG-036	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061513-SG-036	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061513-SG-036	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061513-SG-036	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061513-SG-036	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061713-SG-037	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061713-SG-037	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061713-SG-037	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061713-SG-037	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061713-SG-037	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061713-SG-038	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061713-SG-038	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061713-SG-038	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061713-SG-038	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061713-SG-038	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061713-SG-039	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061713-SG-039	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061713-SG-039	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061713-SG-039	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061713-SG-039	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061713-SG-040	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061713-SG-040	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061713-SG-040	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061713-SG-040	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061713-SG-040	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061713-SG-041	0.38 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
PCBs	Aroclor-1221 (PCB-1221)	6/21/2013	18.5	WG-9954-061713-SG-041	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061713-SG-041	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061713-SG-041	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061713-SG-041	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061713-SG-042	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061713-SG-042	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061713-SG-042	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061713-SG-042	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061713-SG-042	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061713-SG-043	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061713-SG-043	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061713-SG-043	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061713-SG-043	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061713-SG-043	0.38 UJ	µg/L
	Aroclor-1016 (PCB-1016)			WG-9954-061713-SG-044	0.38 UJ	µg/L
	Aroclor-1221 (PCB-1221)			WG-9954-061713-SG-044	0.38 UJ	µg/L
	Aroclor-1232 (PCB-1232)			WG-9954-061713-SG-044	0.38 UJ	µg/L
	Aroclor-1248 (PCB-1248)			WG-9954-061713-SG-044	0.38 UJ	µg/L
	Aroclor-1242 (PCB-1242)			WG-9954-061713-SG-044	0.38 UJ	µg/L
VOCs	Chloroethane	6/18/2013	26.3	WG-9954-061013-SG-001	5.0 UJ	µg/L
				WG-9954-061013-SG-002	5.0 UJ	µg/L
				WG-9954-061013-SG-003	5.0 UJ	µg/L
				WG-9954-061013-SG-004	5.0 UJ	µg/L
				WG-9954-061013-SG-005	5.0 UJ	µg/L
VOCs	Carbon disulfide	6/18/2013	36.7	WG-9954-061013-SG-001	5.0 UJ	µg/L
				WG-9954-061013-SG-002	5.0 UJ	µg/L
				WG-9954-061013-SG-003	5.0 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Carbon disulfide	6/18/2013	36.7	WG-9954-061013-SG-004	5.0 UJ	µg/L
				WG-9954-061013-SG-005	5.0 UJ	µg/L
VOCs	Carbon disulfide	6/20/2013	26.1	WG-9954-061113-SG-006	5.0 UJ	µg/L
				WG-9954-061113-SG-007	5.0 UJ	µg/L
				WG-9954-061113-SG-008	5.0 UJ	µg/L
				WG-9954-061113-SG-009	5.0 UJ	µg/L
				WG-9954-061113-SG-010	5.0 UJ	µg/L
				WG-9954-061213-SG-012	5.0 UJ	µg/L
				WG-9954-061213-SG-013	5.0 UJ	µg/L
VOCs	2-Hexanone	6/20/2013	90.2	WG-9954-061113-SG-006	5.0 UJ	µg/L
				WG-9954-061113-SG-007	5.0 UJ	µg/L
				WG-9954-061113-SG-008	5.0 UJ	µg/L
				WG-9954-061113-SG-009	5.0 UJ	µg/L
				WG-9954-061113-SG-010	5.0 UJ	µg/L
				WG-9954-061213-SG-012	5.0 UJ	µg/L
				WG-9954-061213-SG-013	5.0 UJ	µg/L
VOCs	Vinyl acetate	6/20/2013	40.3	WG-9954-061113-SG-006	5.0 UJ	µg/L
				WG-9954-061113-SG-007	5.0 UJ	µg/L
				WG-9954-061113-SG-008	5.0 UJ	µg/L
				WG-9954-061113-SG-009	5.0 UJ	µg/L
				WG-9954-061113-SG-010	5.0 UJ	µg/L
				WG-9954-061213-SG-012	5.0 UJ	µg/L
				WG-9954-061213-SG-013	5.0 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Methyl-2-pentanone (Methyl isobutyl ketone) (MII	6/19/2013	67.0	WG-9954-061213-SG-011	5.0 UJ	µg/L
VOCs	Dibromochloromethane	6/19/2013	26.3	WG-9954-061213-SG-011	5.0 UJ	µg/L
VOCs	2-Hexanone	6/19/2013	71.4	WG-9954-061213-SG-011	5.0 UJ	µg/L
VOCs	Bromomethane (Methyl bromide)	6/19/2013	44.7	WG-9954-061213-SG-011	5.0 UJ	µg/L
VOCs	Bromoform	6/19/2013	41.6	WG-9954-061213-SG-011	5.0 UJ	µg/L
VOCs	Vinyl acetate	6/19/2013	55.8	WG-9954-061213-SG-011	5.0 UJ	µg/L
VOCs	Bromomethane (Methyl bromide)	6/21/2013	48.5	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L
				WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L
				WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L
VOCs	Chloroethane	6/21/2013	41.3	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Chloroethane	6/21/2013	41.3	WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L
				WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L
VOCs	Carbon disulfide	6/21/2013	29.7	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L
				WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L
				WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L
VOCs	cis-1,3-Dichloropropene	6/21/2013	28.0	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L
				WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	cis-1,3-Dichloropropene	6/21/2013	28.0	WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L
VOCs	4ethyl-2-pentanone (Methyl isobutyl ketone) (MII	6/21/2013	28.9	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L
				WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L
				WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L
VOCs	2-Hexanone	6/21/2013	53.1	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L
				WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L
				WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L

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QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
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Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Dibromochloromethane	6/21/2013	29.8	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L
				WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L
				WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L
VOCs	Bromoform	6/21/2013	32.2	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L
				WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L
				WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L
VOCs	Vinyl acetate	6/21/2013	36.0	WG-9954-061313-SG-014	5.0 UJ	µg/L
				WG-9954-061313-SG-015	5.0 UJ	µg/L
				WG-9954-061313-SG-016	5.0 UJ	µg/L
				WG-9954-061313-SG-017	5.0 UJ	µg/L
				WG-9954-061313-SG-018	5.0 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Vinyl acetate	6/21/2013	36.0	WG-9954-061313-SG-019	5.0 UJ	µg/L
				WG-9954-061313-SG-020	5.0 UJ	µg/L
				WG-9954-061413-SG-022	5.0 UJ	µg/L
				WG-9954-061413-SG-025	5.0 UJ	µg/L
				WG-9954-061413-SG-028	5.0 UJ	µg/L
				WG-9954-061513-SG-032	5.0 UJ	µg/L
VOCs	Chloroethane	6/26/2013	57.5	WG-9954-061413-SG-023	5.0 UJ	µg/L
				WG-9954-061413-SG-024	5.0 UJ	µg/L
				WG-9954-061513-SG-031	5.0 UJ	µg/L
				WG-9954-061513-SG-033	5.0 UJ	µg/L
				WG-9954-061513-SG-034	5.0 UJ	µg/L
				WG-9954-061513-SG-035	5.0 UJ	µg/L
				WG-9954-061513-SG-036	5.0 UJ	µg/L
				WG-9954-061713-SG-037	5.0 UJ	µg/L
				WG-9954-061713-SG-038	5.0 UJ	µg/L
				WG-9954-061713-SG-039	5.0 UJ	µg/L
				WG-9954-061713-SG-040	5.0 UJ	µg/L
				WG-9954-061713-SG-041	5.0 UJ	µg/L
				WG-9954-061713-SG-042	5.0 UJ	µg/L
				WG-9954-061713-SG-043	5.0 UJ	µg/L
				WG-9954-061713-SG-044	5.0 UJ	µg/L
VOCs	Vinyl acetate	6/26/2013	32.9	WG-9954-061413-SG-023	5.0 UJ	µg/L
				WG-9954-061413-SG-024	5.0 UJ	µg/L
				WG-9954-061513-SG-031	5.0 UJ	µg/L
				WG-9954-061513-SG-033	5.0 UJ	µg/L
				WG-9954-061513-SG-034	5.0 UJ	µg/L
				WG-9954-061513-SG-035	5.0 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Vinyl acetate	6/26/2013	32.9	WG-9954-061513-SG-036	5.0 UJ	µg/L
				WG-9954-061713-SG-037	5.0 UJ	µg/L
				WG-9954-061713-SG-038	5.0 UJ	µg/L
				WG-9954-061713-SG-039	5.0 UJ	µg/L
				WG-9954-061713-SG-040	5.0 UJ	µg/L
				WG-9954-061713-SG-041	5.0 UJ	µg/L
				WG-9954-061713-SG-042	5.0 UJ	µg/L
				WG-9954-061713-SG-043	5.0 UJ	µg/L
				WG-9954-061713-SG-044	5.0 UJ	µg/L
VOCs	Chloromethane	6/24/2013	31.5	WG-9954-061413-SG-026	5.0 UJ	µg/L
				WG-9954-061413-SG-027	5.0 UJ	µg/L
				WG-9954-061413-SG-029	5.0 UJ	µg/L
				WG-9954-061413-SG-030	5.0 UJ	µg/L
VOCs	Chloroethane	6/24/2013	38.0	WG-9954-061413-SG-026	5.0 UJ	µg/L
				WG-9954-061413-SG-027	5.0 UJ	µg/L
				WG-9954-061413-SG-029	5.0 UJ	µg/L
				WG-9954-061413-SG-030	5.0 UJ	µg/L
VOCs	1,1,1-Tricloroethane	6/24/2013	26.4	WG-9954-061413-SG-026	5.0 UJ	µg/L
				WG-9954-061413-SG-027	5.0 UJ	µg/L
				WG-9954-061413-SG-029	5.0 UJ	µg/L
				WG-9954-061413-SG-030	5.0 UJ	µg/L
VOCs	Carbon tetrachloride	6/24/2013	30.7	WG-9954-061413-SG-026	5.0 UJ	µg/L
				WG-9954-061413-SG-027	5.0 UJ	µg/L
				WG-9954-061413-SG-029	5.0 UJ	µg/L
				WG-9954-061413-SG-030	5.0 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	4ethyl-2-pentanone (Methyl isobutyl ketone) (MII	6/24/2013	59.0	WG-9954-061413-SG-026	5.0 UJ	µg/L
				WG-9954-061413-SG-027	5.0 UJ	µg/L
				WG-9954-061413-SG-029	5.0 UJ	µg/L
				WG-9954-061413-SG-030	5.0 UJ	µg/L
VOCs	2-Hexanone	6/24/2013	78.2	WG-9954-061413-SG-026	5.0 UJ	µg/L
				WG-9954-061413-SG-027	5.0 UJ	µg/L
				WG-9954-061413-SG-029	5.0 UJ	µg/L
				WG-9954-061413-SG-030	5.0 UJ	µg/L
VOCs	Bromoform	6/24/2013	31.3	WG-9954-061413-SG-026	5.0 UJ	µg/L
				WG-9954-061413-SG-027	5.0 UJ	µg/L
				WG-9954-061413-SG-029	5.0 UJ	µg/L
				WG-9954-061413-SG-030	5.0 UJ	µg/L
VOCs	Vinyl acetate	6/24/2013	51.0	WG-9954-061413-SG-026	5.0 UJ	µg/L
				WG-9954-061413-SG-027	5.0 UJ	µg/L
				WG-9954-061413-SG-029	5.0 UJ	µg/L
				WG-9954-061413-SG-030	5.0 UJ	µg/L
VOCs	Chloroethane	6/30/2013	32.5	WG-9954-061813-SG-046	5.0 UJ	µg/L
VOCs	Vinyl acetate	7/1/2013	25.6	WG-9954-061813-SG-045	500 UJ	µg/L
Pesticides	4,4'-DDE	6/21/2013	18.3	WG-9954-061313-SG-014	0.048 UJ	µg/L
				WG-9954-061313-SG-015	0.048 UJ	µg/L
				WG-9954-061313-SG-016	0.047 UJ	µg/L
				WG-9954-061313-SG-017	0.048 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
Pesticides	4,4'-DDE	6/21/2013	18.3	WG-9954-061313-SG-018	0.047 UJ	µg/L
				WG-9954-061313-SG-019	0.048 UJ	µg/L
				WG-9954-061313-SG-020	0.047 UJ	µg/L
Pesticides	Endrin	6/21/2013	15.5	WG-9954-061313-SG-014	0.048 UJ	µg/L
				WG-9954-061313-SG-015	0.048 UJ	µg/L
				WG-9954-061313-SG-016	0.047 UJ	µg/L
				WG-9954-061313-SG-017	0.048 UJ	µg/L
				WG-9954-061313-SG-018	0.047 UJ	µg/L
				WG-9954-061313-SG-019	0.048 UJ	µg/L
				WG-9954-061313-SG-020	0.047 UJ	µg/L
Pesticides	4,4'-DDD	6/21/2013	17.2	WG-9954-061313-SG-014	0.048 UJ	µg/L
				WG-9954-061313-SG-015	0.048 UJ	µg/L
				WG-9954-061313-SG-016	0.047 UJ	µg/L
				WG-9954-061313-SG-017	0.048 UJ	µg/L
				WG-9954-061313-SG-018	0.047 UJ	µg/L
				WG-9954-061313-SG-019	0.048 UJ	µg/L
				WG-9954-061313-SG-020	0.047 UJ	µg/L
Pesticides	Endosulfan II	6/21/2013	17.4	WG-9954-061313-SG-014	0.048 UJ	µg/L
				WG-9954-061313-SG-015	0.048 UJ	µg/L
				WG-9954-061313-SG-016	0.047 UJ	µg/L
				WG-9954-061313-SG-017	0.048 UJ	µg/L
				WG-9954-061313-SG-018	0.047 UJ	µg/L
				WG-9954-061313-SG-019	0.048 UJ	µg/L
				WG-9954-061313-SG-020	0.047 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Calibration Date*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
Pesticides	Endosulfan sulfate	6/21/2013	17.2	WG-9954-061313-SG-014	0.048 UJ	µg/L
				WG-9954-061313-SG-015	0.048 UJ	µg/L
				WG-9954-061313-SG-016	0.047 UJ	µg/L
				WG-9954-061313-SG-017	0.048 UJ	µg/L
				WG-9954-061313-SG-018	0.047 UJ	µg/L
				WG-9954-061313-SG-019	0.048 UJ	µg/L
				WG-9954-061313-SG-020	0.047 UJ	µg/L
Pesticides	Endrin ketone	6/21/2013	16.1	WG-9954-061313-SG-014	0.048 UJ	µg/L
				WG-9954-061313-SG-015	0.048 UJ	µg/L
				WG-9954-061313-SG-016	0.047 UJ	µg/L
				WG-9954-061313-SG-017	0.048 UJ	µg/L
				WG-9954-061313-SG-018	0.047 UJ	µg/L
				WG-9954-061313-SG-019	0.048 UJ	µg/L
				WG-9954-061313-SG-020	0.047 UJ	µg/L

Notes:

%D Percent difference.
PCBs Polychlorinated Biphenyls.
UJ Not detected; associated reporting limit is estimated.
VOCs Volatile organic compounds.

TABLE 6

QUALIFIED SAMPLE DATA DUE TO OUTLYING OF SURROGATE RECOVERIES
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Sample ID*	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Analyte*	*Qualified Result*	*Units*
VOCs	WG-9954-061413-SG-027	1,2-Dichloroethane-d4	131	62 - 123	Carbon disulfide	2.7 J	µg/L

Notes:

J Estimated concentration.
VOCs Volatile organic compounds.

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*LCS Date*	*LCS % Recovery*	*Control Limits % Recovery*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Carbon disulfide	06/18/13	60	62 - 126	WG-9954-061013-SG-001	5.0 UJ	µg/L
					WG-9954-061013-SG-002	5.0 UJ	µg/L
					WG-9954-061013-SG-003	5.0 UJ	µg/L
					WG-9954-061013-SG-004	5.0 UJ	µg/L
					WG-9954-061013-SG-005	5.0 UJ	µg/L
VOCs	Bromomethane	06/21/13	40	45 - 150	WG-9954-061313-SG-014	5.0 UJ	µg/L
					WG-9954-061313-SG-015	5.0 UJ	µg/L
					WG-9954-061313-SG-016	5.0 UJ	µg/L
					WG-9954-061313-SG-017	5.0 UJ	µg/L
					WG-9954-061313-SG-018	5.0 UJ	µg/L
					WG-9954-061313-SG-019	5.0 UJ	µg/L
					WG-9954-061313-SG-020	5.0 UJ	µg/L
					WG-9954-061413-SG-022	5.0 UJ	µg/L
					WG-9954-061413-SG-025	5.0 UJ	µg/L
					WG-9954-061413-SG-028	5.0 UJ	µg/L
					WG-9954-061513-SG-032	5.0 UJ	µg/L

Notes:

LCS Laboratory control sample.
LCSD Laboratory control sample duplicate.
UJ Not detected; associated reporting limit is estimated.
VOCs Volatile organic compounds.

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits*		*Qualified Result*	*Units*
						% Recovery	*RPD*		
VOCs	WG-9954-061513-SG-032	Bromomethane	42	40	4	45 - 150	23	5.0 UJ	µg/L

Notes:

MS Matrix spike.
MSD Matrix spike duplicate.
RPD Relative percent difference.
UJ Not detected; associated reporting limit is estimated.
VOCs Volatile organic compounds.

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*Analysis Date*	*Blank Result **	*Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	Methylene chloride	06/18/13	1.1 J	WG-9954-061013-SG-001	1.2 J	5.0 U	µg/L

Notes:

* Blank result adjusted for sample factors where applicable.
J Estimated concentration.
U Not detected at the associated reporting limit.
VOCs Volatile organic compounds.

TABLE 10

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Rinse Blank ID*	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
Pesticides	RB-9954-061813-SG-047	06/18/13	alpha-BHC	0.056	WG-9954-061213-SG-012	0.083	0.083 U	µg/L
					WG-9954-061213-SG-013	0.21	0.21 U	µg/L
					WG-9954-061313-SG-014	0.066	.0.66 U	µg/L
					WG-9954-061313-SG-015	0.073	0.073 U	µg/L
					WG-9954-061313-SG-016	0.086	0.086 U	µg/L
					WG-9954-061513-SG-031	0.029 J	0.047 U	µg/L
					WG-9954-061713-SG-038	0.048	0.048 U	µg/L
					WG-9954-061713-SG-040	0.028 J	0.048 U	µg/L
					WG-9954-061713-SG-041	0.047	0.047 U	µg/L
					WG-9954-061713-SG-042	0.026	0.047 U	µg/L
Pesticides	RB-9954-061813-SG-047	06/18/13	gamma-BHC	0.049	WG-9954-061213-SG-012	0.11	0.11 U	µg/L
					WG-9954-061313-SG-014	0.041 J	0.048 U	µg/L
					WG-9954-061513-SG-031	0.046 J	0.047 U	µg/L
					WG-9954-061713-SG-038	0.041 J	0.048 U	µg/L
					WG-9954-061713-SG-042	0.043 J	0.047 U	µg/L

Notes:

J Estimated concentration.
U Not detected at the associated reporting limit.

TABLE 11

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2012

		Volatiles		*Semi-Volatiles*	
Sample ID		*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
WG-9954-061013-SG-001	8120	None	-	Caprolactam	0.42J
				Unknown	4.8J
WG-9954-061013-SG-002	7120	None	-	Caprolactam	36J
				Unknown	3.9J
WG-9954-061013-SG-003	7132	None	-	Unknown	5.6J
				Unknown Straight Chained Alkane	70J
WG-9954-061013-SG-004	8110	None		Caprolactam	19J
			-	Unknown	69J
WG-9954-061013-SG-005	8140	None	-	Caprolactam	70J
WG-9954-061113-SG-006	10105	None	-	Caprolactam	66J
WG-9954-061113-SG-009	7155	None	-	Caprolactam	130J
WG-9954-061113-SG-010	9125	None	-	Caprolactam	40J
WG-9954-061113-SG-008	9130	None	-	Caprolactam	130J
WG-9954-061113-SG-007	- 10105	None	-	Caprolactam	150J
WG-9954-061213-SG-011	6209	None	-	Caprolactam	3.4J
WG-9954-061213-SG-012	8210	None	-	Caprolactam	4.6J

TABLE 11

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2012

		Volatiles		*Semi-Volatiles*	
Sample ID		*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
WG-9954-061213-SG-013	9205	None	-	Unknowns	48J
				Unknown Organic Acid	72J
				Caprolactam	1.3J
WG-9954-061313-SG-018	- 10147	Unknown Alkanes	13J	Caprolactam	60J
WG-9954-061313-SG-020	10174A	None	-	Unknowns	179J
WG-9954-061313-SG-019	10178A	None	-	Unknowns	47J
WG-9954-061313-SG-014	10210A	Dimethyl sulfide	240J	Caprolactam	17J
		Ethane, (methylthio)-	28J	Unknown	55J
				Unknown Substituted Phenol	6.2J
WG-9954-061313-SG-015	10225B	None	-	Caprolactam	36J
WG-9954-061313-SG-017	3257	None	-	Caprolactam	16J
WG-9954-061313-SG-021	-	None	-	None	-
WG-9954-061313-SG-016	- 10225B	None	-	Caprolactam	5.0J
WG-9954-061513-SG-032	10205	Unknown Alkanes	11J	Caprolactam	16J
				Unknown	7.6J
WG-9954-061413-SG-025	5221	None	-	Caprolactam	15J

TABLE 11

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2012

		Volatiles		*Semi-Volatiles*	
Sample ID		*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
WG-9954-061413-SG-022	7161	None	-	Caprolactam	9.7J
WG-9954-061713-SG-042	7205	None	-	Caprolactam Unknown	13J 5.1J
WG-9954-061413-SG-028	8106	None	-	Caprolactam	10J
WG-9954-061413-SG-029	8130	None	-	Caprolactam	56J
WG-9954-061713-SG-043	9110	Hexanal	7.6J	Caprolactam	38J
WG-9954-061413-SG-030	9115	None	-	Caprolactam	24J
WG-9954-061713-SG-044	9120	None	-	Caprolactam	15J
WG-9954-061413-SG-026	9140	Furan, Tetrahydro-2-methyl-	18J	Caprolactam Unknown	510J 72J
WG-9954-061513-SG-031	9210	None	-	Caprolactam	3.4J
WG-9954-061513-SG-033	10210B	None	-	Caprolactam	4.3J
WG-9954-061413-SG-024	MW-01	None	-	Caprolactam	2.2J
WG-9954-061413-SG-023	MW-02	None	-	Caprolactam	5.7J

TABLE 11

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2012

		Volatiles		*Semi-Volatiles*	
Sample ID		*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
WG-9954-061713-SG-041	10225C	Benzene, 1-chloro-2-methyl-	6.4J	Caprolactam	58J
		1,2,4-Trichlorobenzene	3.3J	Unknown	35J
WG-9954-061513-SG-036	10215	None	-	Caprolactam	7.1J
				Unknown	4.0J
WG-9954-061513-SG-034	10210C	None	-	Caprolactam	2.0J
WG-9954-061513-SG-035	10215	None	-	Caprolactam	2.9J
WG-9954-061413-SG-027	10225A	Methanethiol	640J	Caprolactam	9.7J
		Ethane, (methythio)-	37J	Unknown	52J
				Unknown Substituted Phenol	12J
WG-9954-061713-SG-040	10225C	None	-	Indene	0.81J
				Caprolactam	3.7J
				Unknown	9.1J
WG-9954-061713-SG-037	10270	Sulfur Dioxide	110J	Caprolactam	2.8J
				Unknown	11J
WG-9954-061713-SG-038	10272	None	-	Caprolactam	23J
WG-9954-061713-SG-039	10278	Sulfur Dioxide	110J	Caprolactam	12J

TABLE 11

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2012

		Volatiles		*Semi-Volatiles*	
Sample ID		*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
WG-9954-061813-SG-045	10135	Benzene, 1-chloro-2-methyl-	3300J	1,4-Dioxane	78J
		Benzene, 1-chloro-4-methyl-	1700J	Butanoic Acid	423J
				Cyclohexanol	100J
				Benzenemethanol, 2-chloro-	17J
				Benzoic acid, 2-chloro-	280J
				3-Chloroperbenzoic acid	350J
				Unknown	17J
WG-9954-061813-SG-046	7130	None	-	Benzene, 1-chloro-2-methyl-	5.0J
				Parachlorophenol	5.6J
				Caprolactam	52J

Notes:

- Not analyzed.
J Estimated concentration.

TABLE 12

QUALIFIED SAMPLE DATA DUE TO DIFFERENCES IN DUAL COLUMN RESULTS
LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
JUNE 2013

Parameter	*Analyte*	*RPD (percent)*	*Criteria (percent)*	*Associated Sample ID*	*Qualified Result*	*Units*
Pesticides	delta-BHC	87.6	40	WG-9954-061313-SG-014	0.067 J	µg/L
Pesticides	delta-BHC	56.7	40	WG-9954-061513-SG-031	0.047 U	µg/L
Pesticides	Heptachlor epoxide	43.5	40	WG-9954-061813-SG-045	0.22 J	µg/L
Pesticides	Aldrin	171.5	40	WG-9954-061813-SG-045	0.16 J	µg/L
Pesticides	4,4'-DDD	167.8	40	WG-9954-061813-SG-045	0.089 J	µg/L
Pesticides	Heptachlor	98.7	40	WG-9954-061813-SG-045	0.15 J	µg/L
Pesticides	Endosulfan II	93.9	40	WG-9954-061813-SG-045	0.053 J	µg/L

Notes:

RPD Relative percent difference.
J Estimated concentration.
U Not detected at the associated reporting limit.

Appendix G

2013 Niagara Falls Water Board Inspection Letter

January 11, 2013

Mr. Darrell Crockett – Facility Manager
Occidental Chemical Corporation
Love Canal
805 – 97th Street
Niagara Falls, New York 14304

Dear Mr. Crockett:

Enclosed please find the results of the Plant Inspection that was conducted at your facility on Friday, January 11, 2013 @ 11:00AM.

If you have any questions, I can be reached at 283-9770 ext 261.

Sincerely,

NIAGARA FALLS WATER BOARD
WASTEWATER FACILITIES

Joel R. Paradise
Senior Industrial Waste Inspector

JRP: mc

Enc.

Cc: A. Zeepfel → J. Paradise → File: 44- I

NIAGARA FALLS WATER BOARD

SEMIANNUAL PLANT INSPECTION

INDUSTRIAL PRETREATMENT PROGRAM

Name and Address of SIU
Occidental Chemical Corporation
Love Canal Treatment Facility
805 – 97th Street
Niagara Falls, NY 14304

Permit Number 44
SIC Codes 4951
Date of Last Inspection 01-10-12
CATEGORICAL IU? NO
Day/Date and Time of Inspection
Friday, January 11, 2013 @ 11:00AM

SIU Representative(s)
Darrell Crockett

Inspectors Name(s)
Joel Paradise

Contact Phone No.: 998-5804

PART I FLOW RECORDING AND SAMPLING INSTRUMENTATION

a) Flow measurement Instrument meets permit requirements? (YES) NO

b) Primary flow measurement device properly installed? (YES) NO

c) Type of flow measurement device -

Weir [ ]	Flume(s) [ ]	Water meter [ ]	Mag meter [X]

d) Does device measure flow adequately? (YES) NO

e) Is primary measuring device properly operated and maintained? [1960.6] (YES) NO

f) Are secondary instruments (recorders, integrators) properly operated and maintained? [1960.6] (YES) NO N/A

g) Calibration frequency adequate? (date of last calibration): *Quarterly – November 27th, 2012* (YES) NO N/A

PART II SAMPLE COLLECTION

a) Does permit require SIU to submit Periodic Self Monitoring Reports? [40 CFR403.12h] — (YES) NO

b) If "yes", does the sample collection frequency and pollutant type conform with permit requirements? — (YES) NO

c) Are the sample collection locations as described in the permit adequate for representative sample collection? [1960.6 (a)] — (YES) NO

d) Does the method of sample collection conform with permit requirements, **Sewer Use Ordinance** and **Federal Standards?** — (YES) NO N/A

i) **Sample refrigerated throughout collection and storage?** — (YES) NO N/A

ii) Are samples properly preserved? — (YES) NO N/A

iii) **Are samples collected using flow proportion composite or grab sampling where appropriate?** [40 CFR12(b)(5)(iii)]. — (YES) NO N/A

iv) Sample holding times appropriate? [40 CFR136.3] — (YES) NO N/A

PART III LABORATORY FACILITIES

a) Is a commercial laboratory used? — (YES) NO

i) Name of laboratory: **TestAmerica Pittsburg**

ii)

ii) Address: **301 Alpha Drive Pittsburg, PA 15238**

iii) Is laboratory State certified? — (YES) NO

b) Does SIU perform its own analysis? — YES (NO)

i) Is the SIU's laboratory State certified? — YES NO (N/A)

ii) Are your laboratory wastes properly disposed of? — YES NO (N/A)

c) Are EPA approved testing methods used? — (YES) NO

PART IV RECORDS AND REPORTS

a)	Are monitoring records and reports retained in SIU files for at least three years? [1960.5 (d)(3)]	(YES)	NO	
b)	Are all records of sludge volume and disposal practices maintained in files? [1960.5 (d)(2)]	(YES)	NO	N/A
c)	Have all hazardous waste discharges been reported to POTW? [40 CFR403.12(p)].	(YES)	NO	(N/A)
d)	If hazardous waste is discharged, is a waste minimization plan developed and implemented?	(YES)	NO	N/A
e)	Does the SIU have a valid wastewater discharge permit retained on file? [40 CFR403.8(f)(l)(iii)(A)-(E)]	(YES)	NO	
f)	Have all required reports been submitted on time?	(YES)	NO	
g)	Do Self Monitoring reports contain necessary information (samplers name, date & time, sample type, flow, preservation, chain of custody, results) ? [40 CFR403.8(f)(3)(vi)].	(YES)	NO	

PART V PLANT OPERATION AND MAINTENANCE

a)	Have there been any accidental discharge(s) that entered the sewer system?	YES	(NO)	
	Have they been reported to the POTW as well as other appropriate agencies? [1960.6 (d)]	YES	NO	(N/A)
b)	Is a spill notification procedure conspicuously posted in process areas of the plant?	(YES)	NO	N/A
c)	Is there any evidence of spills?	YES	(NO)	N/A
d)	Are all hazardous sludges and solids properly disposed of?	(YES)	NO	N/A

e) Has this facility been evaluated *OR* re-evaluated for its' potential to experience a slug discharge? (YES) NO

1) Is a **Slug Control Plan** required for this facility [40 CFR403.8(f)(2)(vi)] ? YES (NO).

A. Has the facility **Developed** and **Implemented** a **Slug Control Plan**? YES NO (N/A)

a. The date of the plan's last update: **N/A**
b. Is the latest update on file at the NFWB? YES NO (N/A)
c. Does it contain the correct Water Board phone numbers and extensions. YES NO (N/A)

2) Has the facility experienced a slug discharge since The last inspection? YES NO (N/A)

f) Have there been any significant manufacturing or **process** changes? [1960.5 (c)] YES (NO) N/A
List: ***None***

Who was contacted prior to implementation of these changes?
N/A Date: ***N/A***

g) Describe your hazardous waste storage area(s).
Double contained in the decontamination/storage facility.

Do they meet DEC & EPA containment requirements? (YES) NO N/A

Are all containers correctly labeled and time limits adhered to? (YES) NO N/A

Describe your method of disposal:

Incineration as needed through Clean Harbors Inc. at their Deer Park Texas Facility, approximately once per quarter.

h) Regarding the blueprints that you submitted with your last permit application, have there been any significant changes made to your process or sewer lines? YES (NO)

Have revised blueprints been sent to the WWTP? YES NO (N/A)

PART VI PRETREATMENT

a) Briefly describe all required pretreatment.
Clarifier → Bag filter → Carbon treatment → WWTP

b) Are all pretreatment facilities properly maintained? (YES) NO N/A

c) How many pH probes does your pH monitoring system contain? *0*

List the frequency for calibration.
N/A

d) To your knowledge, has anyone discharged any un-permitted waste or waste not properly pretreated into the sewer system? [40 CFR 403.179] YES (NO)

e) Were WWTP personal notified? YES NO (N/A)

-- Prior to discharge to sewer? YES NO (N/A)

-- During or after discharge? YES NO (N/A)

Who? *N/A* Date: *N/A* Time: *N/A*

SIU personal who contacted WWTP: *N/A*

Was written notification given to the WWTP within five (5) working days of the start of the event? [40 CFR 403.17a] YES NO (N/A)

Sent to: *N/A* From: *N/A* Date: *N/A*

f) List any pretreatment changes that were made in the past 12 months.
None

Who was contacted prior to implementation of these pretreatment changes?
N/A

PART VII COMPLIANCE AND ENFORCEMENT

a) Has the SIU had any violations since the last inspection? List: *None* — YES (NO)

b) If numeric violations were noted by SIU, was a repeat sample collection and analysis performed within 30 days and the results submitted to the POTW [40 CFR403.12(g)] ? — YES NO (N/A)

c) Is SIU currently on an administrative order and/or compliance schedule? — YES (NO)

d) If yes, have milestone dates on schedule been met? — YES NO (N/A)

e) Was escalating enforcement action required to achieve compliance? Describe: *None Required* — YES (NO)

PART VIII RECOMMENDATIONS, REQUIREMENTS AND COMMENTS:

Appendix H

2013 Test and Maintenance of Backflow Prevention Device Reports

Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Joe Branch
Project Manager
Direct Dial (231) 670-6809

7601 Old Channel Trail
Montague, MI 49437
Facsimile (231)-894-4033

March 28, 2013

Reference No. 009954

Mr. Jim Corulli
Cross Connection Enforcement
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Mr. Paul R. Dicky
Niagara County Health Department
5467 Upper Mountain Road
Suite 100
Lockport, NY 14094-1894

Dear Messrs. Corulli and Dicky:

Re: 2013 Annual Backflow Protection Device Test
Love Canal Landfill Facility

On behalf of Occidental Chemical Corporation, Conestoga-Rovers & Associates (CRA) is submitting the DOH 1013 forms, which contain the results of the annual inspection of the backflow prevention devices at the Love Canal Landfill Facility. The inspection was conducted on March 19, 2013 by CamTech Plumbing and Mechanical.

All five backflow prevention devices at the Love Canal Landfill Facility were found to be in satisfactory condition.

If you have any questions or comments, please contact me at 231-670-6809 or by email at joseph_branch@oxy.com.

Very truly yours,

GLENN SPRINGS HOLDINGS, INC.

JBranch

Joseph Branch
Project Manager

JB/adh/5
Encl.

c.c.: J. Pentilchuk, CRA
J. Polovich, CRA

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A Please use a separate form for each device.

For the year 2013
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
CITY OF NIAGARA FALLS		NIAGARA		

Facility Name (GLENSPRINGS REMEDIATION)
Address 805 96TH ST (Street) NIAGARA FALLS (City) 14304 (Zip)
Location of Device: LOCKER ROOM

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	909	1½	364807

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 80 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 7.9 psid	Leaked ☐ Closed tight ☒	Opened at 2.2 psid	Date 03 07 13 (M D Y)
Describe repairs and materials used				Repaired by: Name ____ Lic # ____ Date repaired: ____ (M D Y)
Final test	Closed tight ☐ Pressure drop across first check valve ____ psid	Closed tight ☐	Opened at ____ psid	Date ____ (M D Y)

Water Meter Number: 3167117
Meter Reading: 010317
Type of Service: (check one) (Domestic) Fire Other ____

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets,* ☐ does NOT meet, the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
JOHN A. GOLBA	5808		04/30/14

Property owners (or owners agent) certification that test was performed:

Print Name	Title	Signature	Telephone
X David Crockett	Tenant		716 998 5604

PART B Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		
Representing		Describe minor installation changes	
Address			
City	State Zip		
Signature			

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH 1019(9/91)

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 111C
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A

Please use a separate form for each device.

For the year 2013
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply: CITY OF NIAGARA FALLS	Account No.	County: NIAGARA	Block	Lot

Facility Name: GLENSPRINGS REMEDIATION
Address: 805 95TH ST. NIAGARA FALLS 14304 (Street / City / Zip)
Location of Device: TREATMENT BDG. (WASHDOWN)

Device Information	Manufacturer: WATTS	Type: ☒ RPZ ☐ DCV	Model: 009	Size (in inches): 3/4	Serial Number: 82766

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 76 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 7.4 psid	Leaked ☐ Closed tight ☒	Opened at 2.2 psid	Date 03 07 13 (M D Y)
Describe repairs and materials used				Repaired by Name ____ Lic # ____ Date repaired: __ __ __ (M D Y)
Final test	Closed tight ☐ Pressure drop across first check valve ____ psid	Closed tight ☐	Opened at ____ psid	Date __ __ __ (M D Y)

Water Meter Number: N/A
Meter Reading: N/A
Type of Service: (check one) • Domestic • Fire • (Other) PROCESS

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets,* ☐ does NOT meet, the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

JOHN A. GOLBA — Print Name
5808 — Certified Tester No.
[signature] — Signature
04/30/14 — Expiration Date

Property owners (or owners agent) certification that test was performed:
X Darrell Crockatt — Print Name
Tech — Title
[signature] — Signature
716 998 5604 — Telephone

PART B

Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name
Title
License Number
Phone ( )
Date __ __ __ (m d y)
NYS DOH Log #
Representing
Address
Describe minor installation changes
City
State
Zip
Signature

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device. Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A Please use a separate form for each device.

For the year _____
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
CITY OF NIAGARA FALLS		NIAGARA		

Facility Name GLENSPRINGS REMEDIATION

Address (Street) 805 95TH ST (City) NIAGARA FALLS (Zip) 14304

Location of Device: TREATMENT BDG.

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	009	2"	179645

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 72 psi
Test before repair	Leaked / Closed tight ☒ Pressure drop across first check valve 7.6 psid	Leaked ☐ / Closed tight ☒	Opened at 2.2 psid	Date 03 07 13 (M D Y)
Describe repairs and materials used				Repaired by Name _____ Lic # _____ Date repaired: ___ ___ ___ (M D Y)
Final test	Closed tight ☐ Pressure drop across first check valve _____ psid	Closed tight ☐	Opened at _____ psid	Date ___ ___ ___ (M D Y)

Water Meter Number	Meter Reading	Type of Service: (check one)
N/A	N/A	• Domestic • Fire • Other PROCESS

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets,* ☐ does NOT meet, the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
JOHN A. COLBA	5808		04/30/14

Property owners (or owners agent) certification that test was performed:

Print Name	Title	Signature	Telephone
Darrell Craddock	Tech		716.998.5804

PART B Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		
Representing			
Address		Describe minor installation changes	
City / State / Zip			
Signature			

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH- 1013(9/91)

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A — Please use a separate form for each device.

For the year 2013
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
CITY OF NIAGARA FALLS		NIAGARA		

Facility Name GLENSPRINGS REMEDIATION
Address 805 95TH ST. (Street) NIAGARA FALLS (City) 14304 (Zip)
Location of Device: MAINTENANCE BDG.

Device Information	Manufacturer	Type	Model	Size (In Inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	909	1"	408420

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 74 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 7.7 psid	Leaked ☐ Closed tight ☒	Opened at 2.2 psid	Date 03 07 13 (M D Y)
Describe repairs and materials used				Repaired by: Name ____ Lic # ____ Date repaired: ____ (M D Y)
Final test	Closed tight ☐ Pressure drop across first check valve ____ psid	Closed tight ☐	Opened at ____ psid	Date ____ (M D Y)

Water Meter Number	Meter Reading	Type of Service: (check one)
34592315	055538	(Domestic) • Fire • Other ____

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets* ☐ does NOT meet the requirements of an acceptable containment device at the time of testing.
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
JOHN A. GOLBA	5808		04/30/14

Property owners (or owners agent) certification that test was performed:

Print Name	Title	Signature	Telephone
X Darwell Chadell	Tech		716.998.5804

PART B — Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		
Representing		Describe minor installation changes	
Address			
City / State / Zip			
Signature			

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH 1013(9/91)

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Public Water Supply Protection
Empire State Plaza - Corning Tower Room 1110
Albany, NY 12237

Report on Test and Maintenance of Backflow Prevention Device

PART A — **Please use a separate form for each device.**

For the year 2013
☐ Initial test - *Complete entire form*
☒ Annual test - *Complete Part A only*

Public Water Supply	Account No.	County	Block	Lot
CITY OF NIAGARA FALLS		NIAGARA		

Facility Name GLENSPRINGS REMEDIATION
Address (Street) 805 95TH ST (City) NIAGARA FALLS (Zip) 14304
Location of Device: TREATMENT BDG (MECH. ROOM)

Device Information	Manufacturer	Type	Model	Size (in inches)	Serial Number
	WATTS	☒ RPZ ☐ DCV	909	3"	192775

	Check Valve No. 1	Check Valve No. 2	Differential Pressure Relief Valve	Line Pressure 80 psi
Test before repair	Leaked ☐ Closed tight ☒ Pressure drop across first check valve 7.6 psid	Leaked ☐ Closed tight ☒	Opened at 2.2 psid	Date 03 07 13 (M D Y)
Describe repairs and materials used				Repaired by Name ____ Lic # ____ Date repaired: ____ (M D Y)
Final test	Closed tight ☐ Pressure drop across first check valve ____ psid	Closed tight ☐	Opened at ____ psid	Date ____ (M D Y)

Water Meter Number	Meter Reading	Type of Service: (check one)
3T923329	499866 016734 0	(Domestic) * Fire * Other ____

Remarks (Describe deficiencies: bypasses, outlets before the device, connections between the device and point of entry, missing or inadequate airgaps, etc.)

Certification: This device ☒ meets* ☐ does NOT meet, the requirements of an acceptable containment device at the time of testing
I hereby certify the foregoing data to be correct.

Print Name	Certified Tester No.	Signature	Expiration Date
JOHN A. GOLBA	5808		04/30/14

Property owner's (or owner's agent) certification that test was performed:

Print Name	Title	Signature	Telephone
K Darnell Chadwick	Tech		716 998 5804

PART B — Certification that installation is in accordance with the approved plans. (To be completed by the design engineer or architect or water supplier.)

I hereby certify that this installation is in accordance with the approved plans.

Name	Title	Date (m d y)	NYS DOH Log #
License Number	Phone ( )		
Representing			
Address		Describe minor installation changes	
City	State Zip		
Signature			

NOTE: Send one completed copy to the designated health department representative and one copy to the water supplier within 30 days of the testing device.
Notify owner and water supplier immediately if device fails test and repairs cannot immediately be made.

DOH- 1013(9/91)

Appendix I

2013 NYSDEC Hazardous Waste Inspection Report

New York State Department of Environmental Conservation
Office of Environmental Quality, Region 9
270 Michigan Avenue, Buffalo, New York, 14203 2915
Phone: (716) 851 7220 • **Fax:** (716) 851 7226
Website: www.dec.ny.govWebsite: www.dec.ny.gov

Joe Martens
Commissioner

October 7, 2013

Darrell Crockett
Technician
Occidental Chemical Corp-Love Canal
c/o Glen Springs Holdings Inc
805 - 97th Street
Niagara Falls, New York 14304

Re: Hazardous Waste Compliance Inspection
Inspection Date: 10/2/2013
Occidental Chemical Corp-Love Canal
EPA ID Number: NYD000767657

Dear Mr. Crockett:

In order to determine compliance with the New York State Hazardous Waste Regulations (6 NYCRR Parts 370-374 and 376), the New York State Department of Environmental Conservation ('Department') conducted an inspection of your facility on the date indicated above. As a result of this inspection it was determined that your facility is operating as a Generator of hazardous waste. This letter hereby informs you that no violations were observed during the inspection.

We appreciate your cooperation during the inspection and your efforts to prevent releases of hazardous waste by keeping your facility in compliance with the regulatory requirements. This letter does not address issues pertaining to regulatory fees or hazardous waste special assessment fees. Nothing herein constitutes a waiver by the Department of any rights it has under state and/or federal law, including any rights regarding violations that may have been present at the facility but not observed, or a release from liability for any party pursuant to said laws.

A copy of the inspection form is enclosed for your file. If you have any questions, please contact me at @gw.dec.state.ny.us or (716) 851 7220.

Sincerely,

Nelson Schnabel
Environmental Engineer I

Enclosure

ec Michael Rich, Reviewer, Central Office
eDocs: letter.rcra.NYD000767657.10-07-2013.Occidental_Chemical_Corp-love_Canal.no_violation_observed.pdf

Region: 9

CESQG
SQG
GENERATOR X
TSDF
OTHER
NONREGULATED
UNANNOUNCED
ANNOUNCED X

INSPECTION FORM

NEW YORK STATE INDUSTRIAL HAZARDOUS WASTE MANAGEMENT ACT
(Chapter 639, Laws of 1978)

Prepared for: Commissioner
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Send to: NYSDEC
Division of Environmental Remediation
Facility Compliance Section
625 Broadway, 11th Floor
Albany, New York 12233-7020

Attach company business card here or attach letterhead as last page.

EPA I.D. NUMBER: NYD000767657

COMPANY NAME (Corporate): Occidental Chemical Corp-Love Canal

(Division): c/0 Glen Springs Holdings Inc

COMPANY MAILING ADDRESS: 805 - 97th Street

City & State: Niagara Falls, New York Zip Code 14304

COMPANY LOCATION ADDRESS:

(if different than mailing)

City & State: Zip Code

COUNTY: Niagara

COMPANY TELEPHONE NUMBER: 716-297-6150 Ext. Fax #:

NAME OF COMPANY CONTACT: Darrell Crockett

TITLE OF COMPANY CONTACT: Technician

EMAIL ADDRESS OF CONTACT:

INSPECTION DATE: 10/2/2013 TIME OF INSPECTION: 11:30 AM

INSPECTOR'S NAME: Nelson Schnabel

NAME:

REPORT PREPARED BY: Nels Schnabel DATE: 10/3/2013

REPORT APPROVED BY: Bidjan Rostami DATE: 10/7/2013