CONESTOGA-ROVERS
& ASSOCIATES

2008 OPERATION AND MONITORING REPORT
LOVE CANAL SITE

GLENN SPRINGS HOLDINGS, INC.
NIAGARA FALLS, NEW YORK

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1.0 INTRODUCTION

Operation of the Love Canal Site (Site) was transferred from the New York State Department of Environmental Conservation (NYSDEC) to Occidental Chemical Corporation (OxyChem) in April 1995.

Effective July 1, 1998, Site responsibility was assigned by OxyChem to Glenn Springs Holdings, Inc. (GSHI), an affiliate of Occidental Chemical Corporation. Beginning October 1, 2008, GSHI contracted Conestoga-Rovers & Associates (CRA) to perform operation, maintenance, monitoring, and reporting activities for the Site under direct management of GSHI.

This report is the fourteenth annual report prepared by or on behalf of OxyChem and covers operating, maintenance, and monitoring activities for 2008.

2.0 REMEDIAL SYSTEMS

Operation of remedial systems to prevent the off-Site migration of chemical contaminants from the Site began in October 1978 with the installation of a barrier drain along the east and west sides of the south section of the Canal; the barrier drain was later extended to completely encompass the Canal. The barrier drain, designed to intercept the shallow lateral groundwater flow, consists of a trench 15 to 25 feet deep and 4 feet wide. Installed within the trench is an 8-inch diameter perforated clay tile drain centered in 2 feet of uniformly sized gravel which is overlain to the surface with sand. Lateral trenches filled with sand were excavated perpendicular to the barrier drain in the direction of the canal. The tile drain is graded toward a series of manholes and wet wells (PC-1A/PC-2A North/Central and PC-1/PC-2 South) where the leachate is collected. The leachate is pumped from the wet wells to two underground holding tanks (PC-3A North/Central and PC-3 South) where it is held prior to being treated at the on-Site treatment facility and discharged into the City of Niagara Falls (City) sanitary sewer system.

2.1 OPERATIONS OF THE BARRIER DRAIN AND WELL COLLECTION SYSTEM

2.1.1 BARRIER DRAIN SYSTEM

There was no major maintenance performed on the Barrier Drain system during 2008. The system functioned without any problems or irregularities. A visual inspection of the collection system through the manholes showed the flumes of the manholes were flowing freely and required no further maintenance.

2.1.2 WET WELL COLLECTION SYSTEM

The collection well system consists of two sectors, the Northern/Central and the Southern Collection System. The collection systems were operational and functioned properly throughout the year.

The adjacent 102nd Street Landfill Site leachate line connection into the Love Canal Treatment Facility (LCTF) at the southern storage tank (PC-3) was completed in March of 1999. This provides for treatment of the 102nd Street leachate through the LCTF.

3.0 GROUNDWATER TREATMENT AND MONITORING

3.1 GROUNDWATER TREATMENT

3.1.1 TREATMENT SYSTEM

The treatment system consists of clarification, bag filtration, and carbon treatment prior to discharge to the City sanitary sewer system under Permit #44 issued by the City. In 2005, the City reissued the wastewater discharge permit to OxyChem for another 5 years. The permit is valid from January 6, 2005 through January 6, 2010.

Routine maintenance activities were performed throughout the year. The major activities are presented below (see attached Table 4.1 for a detailed list of Site activities for the year 2008).

3.1.2 EFFLUENT DISCHARGE

The LCTF discharged to the Niagara Falls sanitary sewer system on 143 days in 2008.

At times, unusually high rainfall in the area around Love Canal can result in surcharged sewers. These surcharges lead to overflow at the combined sanitary and storm sewer overflow points. Other points in the sewer shed require manual bypass pumping. Consequently, to minimize this overflow, the City requires the LCTF to cease discharge during these surcharge events.

Groundwater treated at the Love Canal Leachate Treatment Facility was as follows:

- Total treated at LCTF (including 102nd Street): 4,735,700 gallons
- Total pumped from 102nd Street Site: 289,738 gallons
- Net Love Canal Collection: 4,445,962 gallons

Table 3.1 shows the monthly total and average treated groundwater quantities for the 1995 to 2008 periods. Additionally, starting with 2000, the total days of discharge per month are shown.

In March 1999, the adjacent 102nd Street Landfill Site leachate collection system was connected to the Love Canal Site to transfer the 102nd Street leachate into the Love Canal southern storage system (PC-3). The 102nd Street Landfill Site leachate collection system operates continuously. For the year of 2008, the four-well system at 102nd Street pumped

289,738 gallons to Love Canal (PC-3), the combined waters were then treated on Site and discharged to the permitted City sanitary sewer.

3.1.3 SAMPLING

Sampling of the effluent discharged to the City's sanitary sewer system occurred quarterly as required under the City Discharge Permit #44. As part of the permit requirements, the City and GSHI personnel completed an annual verification sampling. The Quarterly Effluent sampling was performed, and sample results were submitted to the City and State agencies; analytical results were below the City's permitted limits for the sampled parameters during all events.

3.1.4 PRECIPITATION

Precipitation in the Niagara Falls region totaled 47.23 inches (Buffalo Airport, National Weather Service data) compared to the average of 39.9 inches (1995 through 2008). Table 3.1 provides historic precipitation data from 1995 through 2008.

3.2 GROUNDWATER MONITORING

3.2.1 GROUNDWATER QUALITY

Sampling and analytical protocols for the sampling program have been established and are set forth in the "Sampling Manual, Love Canal Site, Long-Term Groundwater Monitoring Program" (LTGMP) dated January 1996.

3.2.2 CHEMICAL MONITORING

The annual chemical sampling event was performed in June 2008 and July 2008. In conjunction with the NYSDEC, 31 discrete wells were sampled as part of the groundwater monitoring efforts in 2008.

In 2008, NYSDEC selected and performed split sampling, which included five wells.

The following wells listed below were split sampled:

Well	*Well Type*	*Orientation*	*Date*
8106	Overburden	Additional	June 24, 2008
9205	Bedrock	Annual	June 24, 2008
3257	Bedrock	Annual	June 24, 2008
5221	Bedrock	Additional	June 24, 2008
10205	Bedrock	Annual	June 24, 2008

The primary objective for the NYSDEC split sampling program is to verify that the data being collected and reported by GSHI are accurate and representative of groundwater conditions at the Site. This is achieved through the following tasks:

- observing and verifying that appropriate field sampling methods are employed by GSHI;
- verifying the laboratory analytical results reported by GSHI through independent laboratory analysis of the split samples and data comparison; and
- ensuring sample validity.

Figure 3.1 identifies the wells sampled and their locations. Table 3.2 provides a summary of the wells (13 overburden and nineteen 19 bedrock) that were sampled, along with the number of compounds found at or above the detection limits in each well.

Table 3.3 presents the analytical results from the annual monitoring and the analytes that were detected. There were 34 discrete compounds detected: 12 volatile organic compounds (VOCs); 13 semi-volatile organic compounds (SVOCs); and 9 pesticides.

Historically, Well 10135 has had the most detected compounds and with the highest concentrations. In 2008, well 10135 had 29 discrete compounds in all. Well 10135 is located within the boundaries of the remedial Site in the southwestern zone.

Groundwater in the vicinity of this well is captured by the collection system. Table 3.4 presents a summary of detected compounds of four long-term monitoring wells (10210A, 10210B, 10210C, and 10135) from 1990 to 2008. This data shows that the compounds detected in 2008 were at similar or lower concentrations to those compared to historical trends.

Forty-five groundwater samples (including three field duplicates, two rinse blanks and nine trip blanks) were collected in support of the Long-Term Monitoring Program (LTMP) Love Canal Site in Niagara Falls, New York in June/July 2008. The samples were submitted to CompuChem Laboratory, located in Cary, North Carolina, and analyzed for Site-specific volatiles, semi-volatiles, and pesticides/polychlorinated biphenyls (PCBs). The Quality Assurance/Quality Control (QA/QC) report for this event is presented in Appendix A. CRA, located in Niagara Falls, New York, performed the analytical QA/QC.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were prepared and/or analyzed with each batch of samples.

All spike recoveries showed acceptable analytical accuracy and precision with the exception of a low acetone recovery in one sample. All other associated sample results were non-detect. The low acetone sample was qualified.

Field Duplicate Analyses

Three samples were collected in duplicate and submitted to the laboratory for analysis. All field duplicate results showed acceptable comparability with the original sample results indicating acceptable analytical and field precision.

Trip Blanks

Trip blanks were collected and analyzed for Site-specific VOCs. Low level concentrations of carbon disulfide and acetone were observed. All sample results with similar concentrations as in the blanks, were qualified as non-detect.

Field Blanks

Two rinse blanks were collected and analyzed with the samples. All results were non-detect for all analytes of interest with the exception of alpha-BHC and gamma-BHC. All associated sample results with similar concentrations as in the blanks were qualified as non-detect.

The QA/QC criteria by which these data have been assessed are outlined in:

- Methods 95-1, 95-2, and 95-3 referenced in the NYSDEC Analytical Services Protocol (ASP) (10/95 Rev); and
- "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" EPA 540/R-99/008, October 1999.

The QA/QC evaluation concluded all data were judged acceptable with the qualifications and exceptions noted in the report.

The 2008 chemical analytical results are consistent with previous Long-Term Monitoring analytical results. The chemistry detected was at low levels and does not indicate a failure in the barrier drain nor pose an immediate threat to groundwater quality.

3.2.3 HYDRAULIC CONTAINMENT

Water levels were measured at six nested piezometer strings (1140, 1150, 1160, 1170, 1180, and 1190) in March, May, August, and December 2008. Figures 3.2 to 3.7 show the overburden groundwater flow conditions for May 2008 along the six piezometer strings. The wells on the figures are ordered from the well furthest from the outside of the barrier drain, to the barrier drain, and to the well inside the area enclosed by the barrier drain. The water level data are presented in Tables 3.5A to 3.5F.

The groundwater level data shows that there is an inward gradient maintained across the barrier drain at the six nested piezometer strings. The barrier drain is drawing groundwater from outside the drain and successfully capturing horizontal groundwater flow from the Site.

3.2.4 WELL MAINTENANCE

No maintenance was required on any of the monitoring wells during 2008.

A complete survey of the monitoring wells and piezometers at the Site was conducted in the summer of 2008. The survey results are currently being evaluated.

Listed below is the updated count on the number of wells that are Active and Inactive.

Wells Active:	153 (132 Overburden and 21 Bedrock);
Wells Inactive:	62 (54 on Site, 8 off Site); and
Additional:	9 (Non-identified wells located on Site).

4.0 ACTIVITIES

Summaries of normal activities and repairs performed in 2008 are listed in Table 4.1 (including those items previously mentioned in Section 3.0). A brief description of major activities is presented below.

4.1 PROCESS ACTIVITIES

Activities that occurred during the year included the following:

- carbon bed changed at V2;
- installation of level transmitter at Pump Chamber 1;
- repair to hydrogen peroxide pump;
- repair to raw water feed pump; and
- installation of 10-hp motor in filter bed pump.

4.2 NON-PROCESS ACTIVITIES

Activities that occurred throughout the year included the following:

- front gate repair.
- fabrication of control boxes for Grundfos pumps.
- power ran for new air conditioning system.
- lights replaced in the drum barn.

4.3 COMMUNITY OUTREACH

Community Outreach programs included such activities as beautification of the neighborhood, tours of the facility, and donations to charitable organizations.

4.3.1 BEAUTIFICATION

The following activities were conducted at Love Canal in 2008:

- maintenance and landscaping of the Site and surrounding areas;
- maintenance of flowerbeds and shrubs along Colvin Boulevard, 95th Street, and Frontier Avenue; and
- cleanup of discarded debris around fence line and adjacent lots.

4.3.2 TOURS

Tours of the facility have been given throughout the years to representatives of various environmental agencies (domestic and foreign) and educational groups. The tours included an informational orientation, accompanied with visual aids, followed by a guided tour of the treatment facility and landfill.

4.3.3 COMMUNICATIONS

All required reporting was compiled and submitted to various agencies throughout the year. Reports include the Annual Hazardous Waste Reports to NYSDEC, Annual Operations and Monitoring Report to various agencies, and monthly flow reports to the City.

Throughout the year, hazardous waste is generated and disposed of off Site. The tracking of the waste is performed by regulated hazardous waste manifests. A summary of the Site's annual hazardous waste generated is reported to the NYSDEC in which the quantities, disposers, and disposal methods are identified.

The annual Community Report for 2007 was issued to surrounding citizens and agencies last year. The report summarizes items such as the amount of groundwater treated on-Site and then discharged to City's sanitary sewer, maintenance activities and other non-operational activities for the year.

The City performed semiannual inspections of the Site's Treatment Facility in 2008. Additionally, an annual verification sampling of the effluent discharge was performed by the City. Both the inspections and effluent sampling verification conclude that the Site is being maintained and operated in accordance with the Site's discharge permit.

4.4 WASTE GENERATION

A total of 51,247 pounds of hazardous waste were generated from various activities on Site. The waste materials were then sent off Site for proper disposal in accordance with all applicable laws and regulations (landfilled, incinerated, or reclaimed depending on categorization). All of the waste in 2008 was sent for incineration.

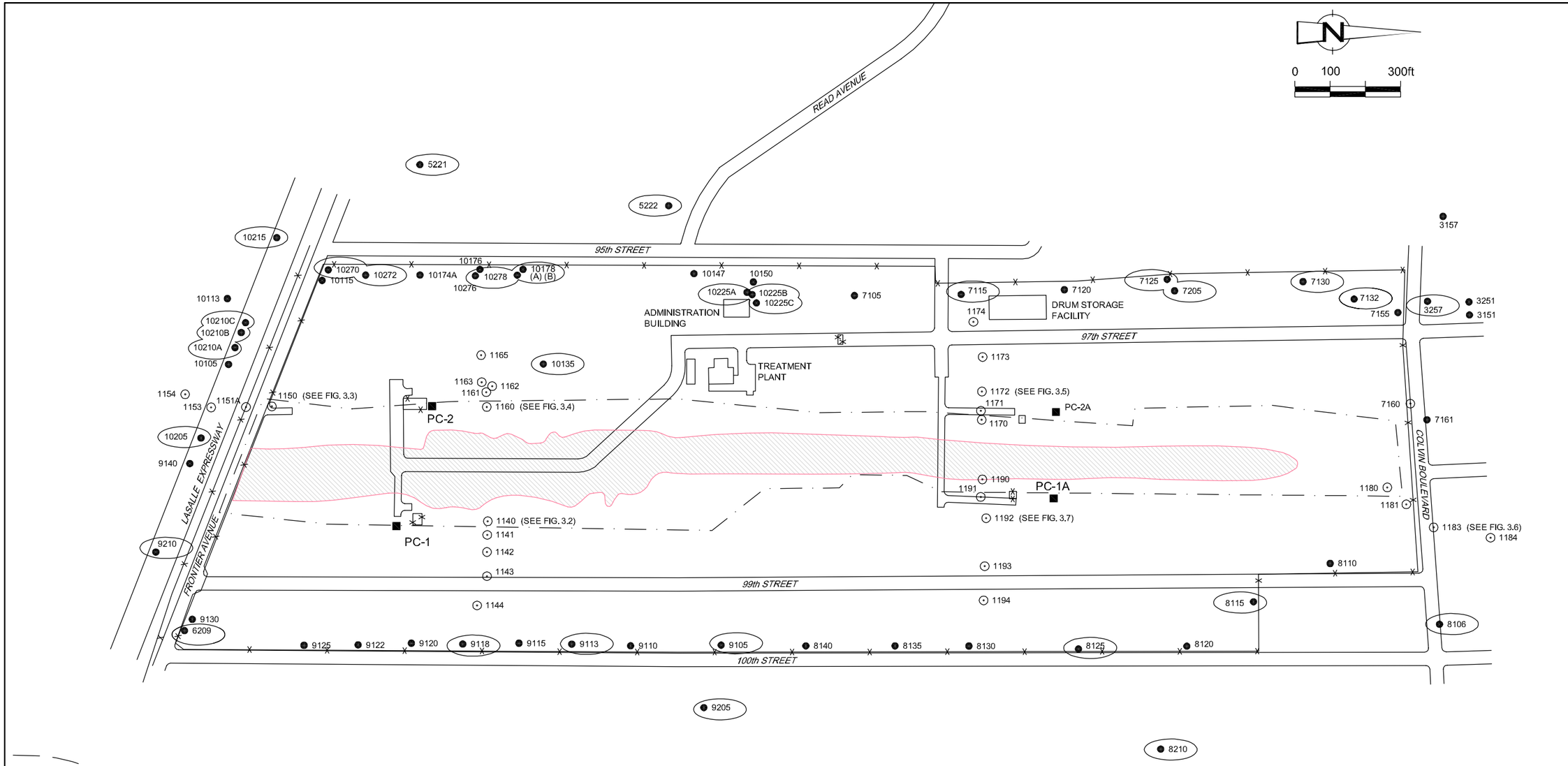
The waste was itemized as follows:

- spent carbon used in the treatment process totaled 30,080 pounds; and
- debris/soil/filters/Personal Protective Equipment (PPE) totaled 21,167 pounds.

5.0 CONCLUSION

The 2008 data indicate that there was no significant change in chemical and hydrological conditions at the Site. The barrier drain is successfully capturing leachate from the Site and preventing off-Site migration of chemicals. The remediation system is functioning as designed. There were 4,735,700 gallons of leachate treated and discharged from the Site, of which 4,445,962 gallons of leachate were collected on Site, and the remaining 289,738 gallons were pumped from the 102nd Street Site.

FIGURES



LEGEND

- FENCE LINE
- BARRIER DRAIN
- 7105 PIEZOMETER WELL
- 1167 OBSERVATION WELL
- 10135 WELLS SAMPLED IN JUNE/JULY 2008
- APPROXIMATE LIMITS OF DISPOSED WASTE
- WET WELL FOR LEACHATE COLLECTION

figure 3.1

2008 GROUNDWATER MONITORING PROGRAM
LOVE CANAL
Glenn Springs Holdings, Inc.

09954-00(012)GN-BU001 FEB 12/2009

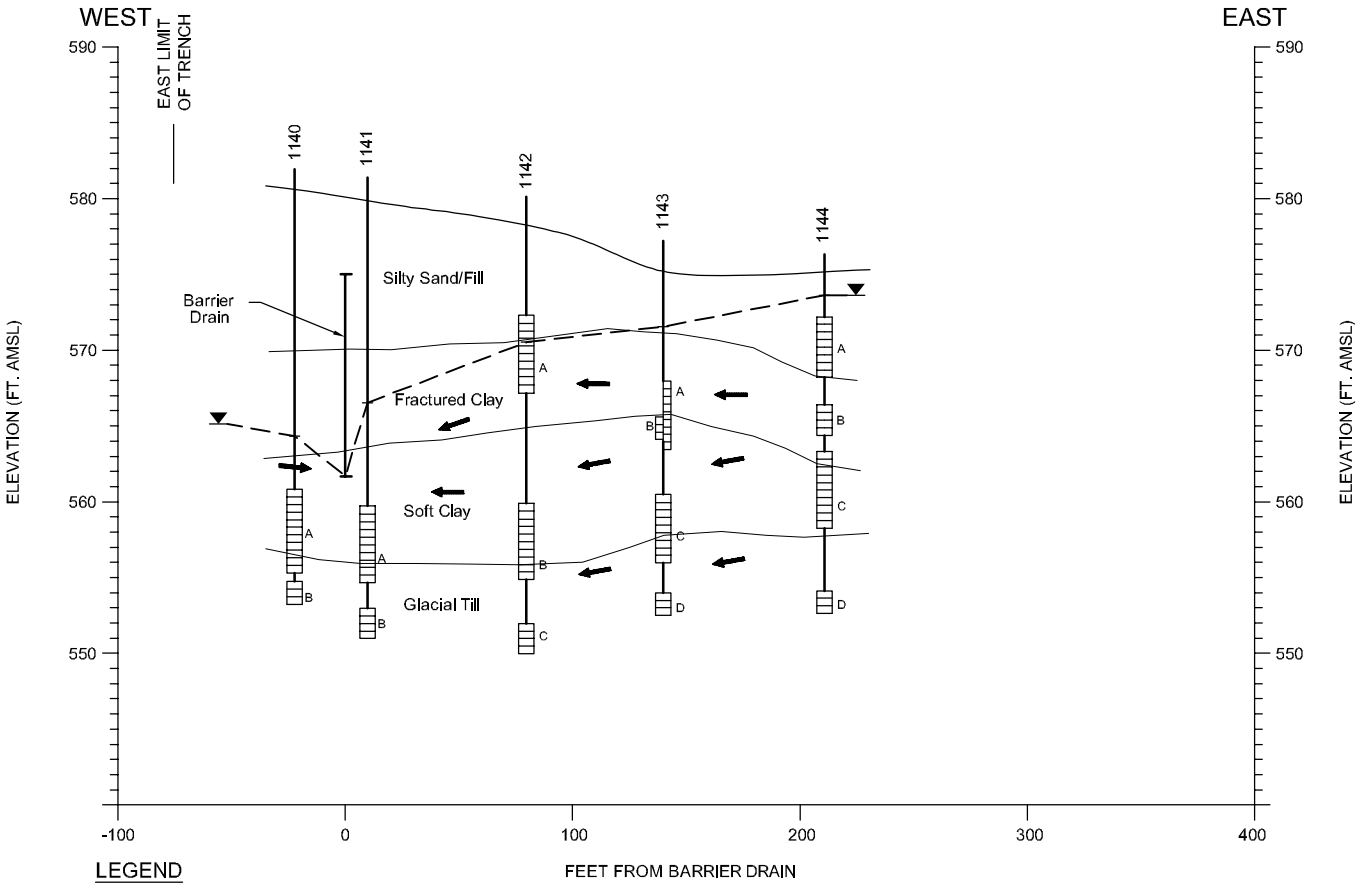
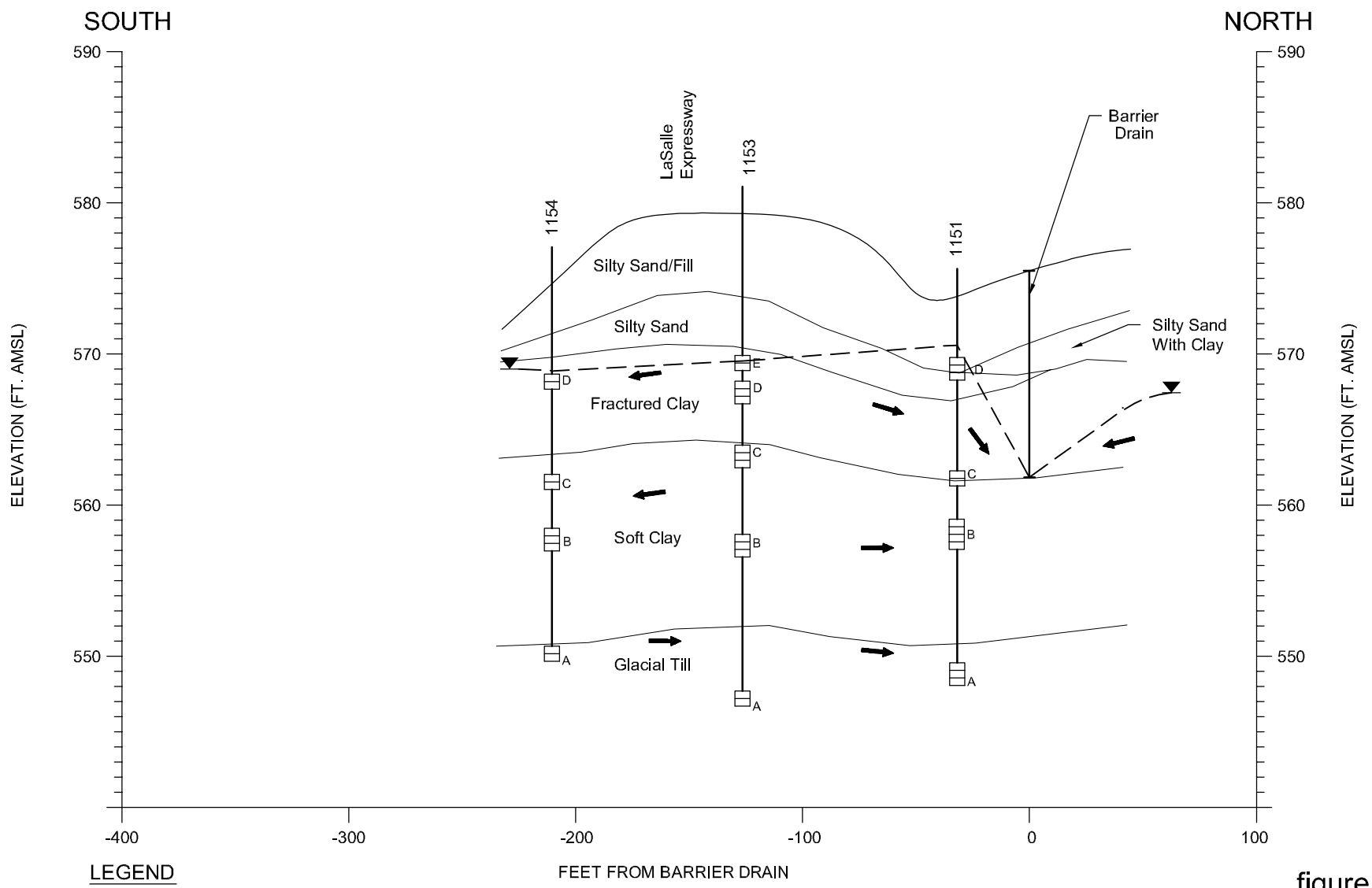


figure 3.2

MAY 2008 FLOW DIAGRAM
1140 SERIES PIEZOMETERS
LOVE CANAL
Glenn Springs Holdings, Inc.



LEGEND

A PIEZOMETER DESIGNATION

GROUNDWATER LEVEL

FLOW DIRECTION

SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR UPPERMOST MONITORED INTERVAL

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

figure 3.3

MAY 2008 FLOW DIAGRAM 1150 SERIES PIEZOMETERS LOVE CANAL

Glenn Springs Holdings, Inc.

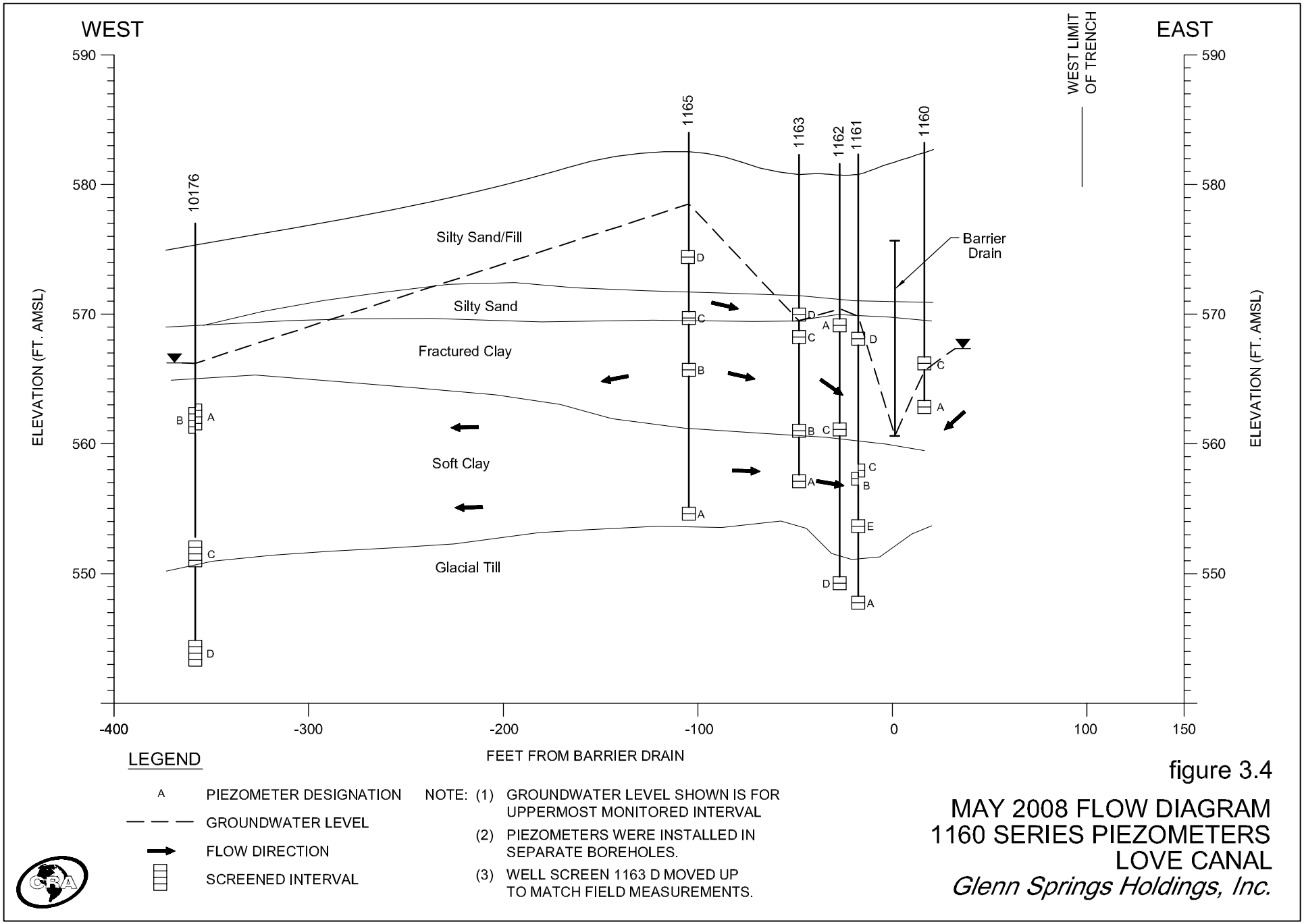
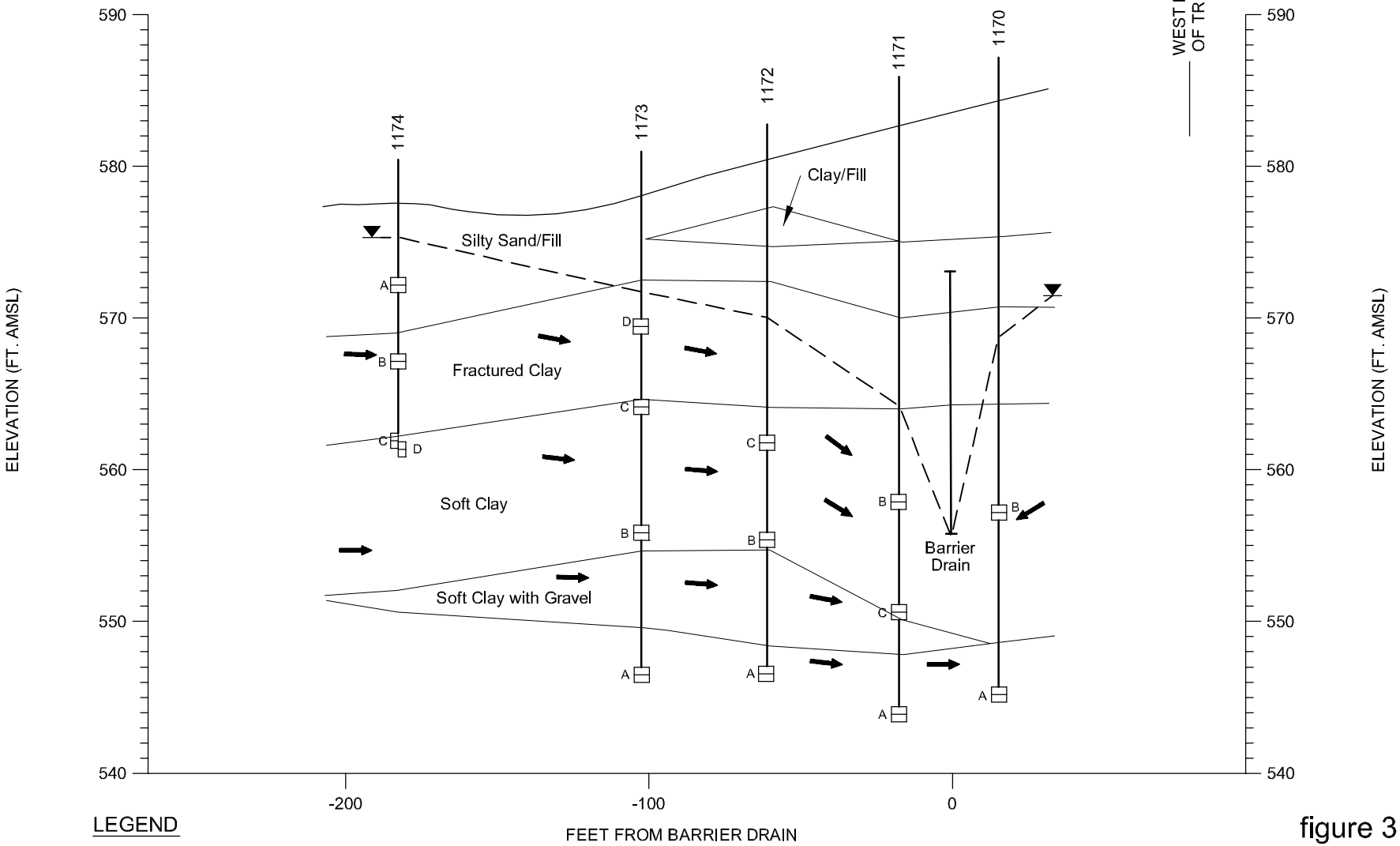


figure 3.4

MAY 2008 FLOW DIAGRAM 1160 SERIES PIEZOMETERS LOVE CANAL

Glenn Springs Holdings, Inc.



LEGEND

- A — PIEZOMETER DESIGNATION
- — — — GROUNDWATER LEVEL
- → FLOW DIRECTION
- SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR UPPERMOST MONITORED INTERVAL

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

figure 3.5

MAY 2008 FLOW DIAGRAM 1170 SERIES PIEZOMETERS LOVE CANAL

Glenn Springs Holdings, Inc.

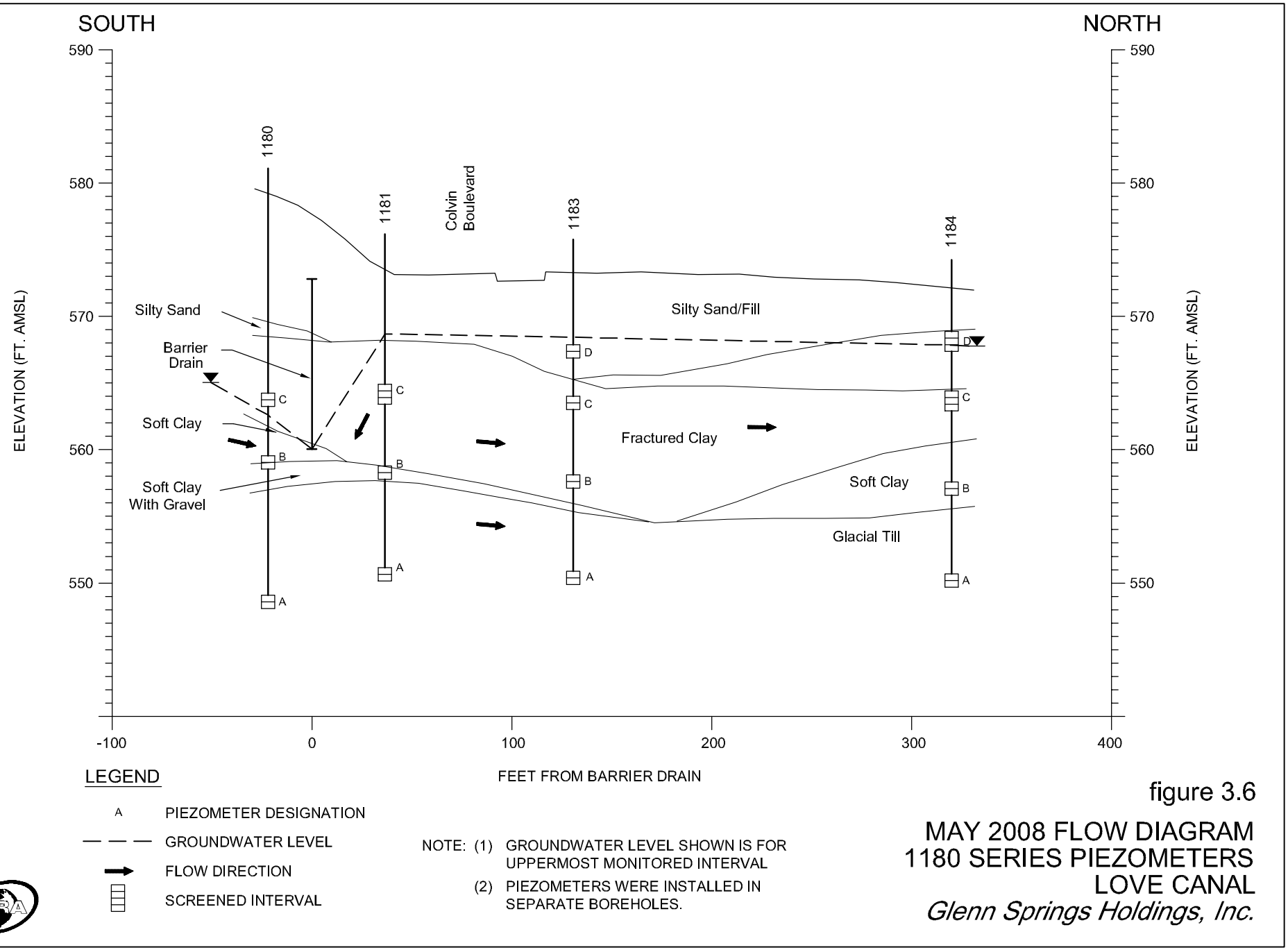
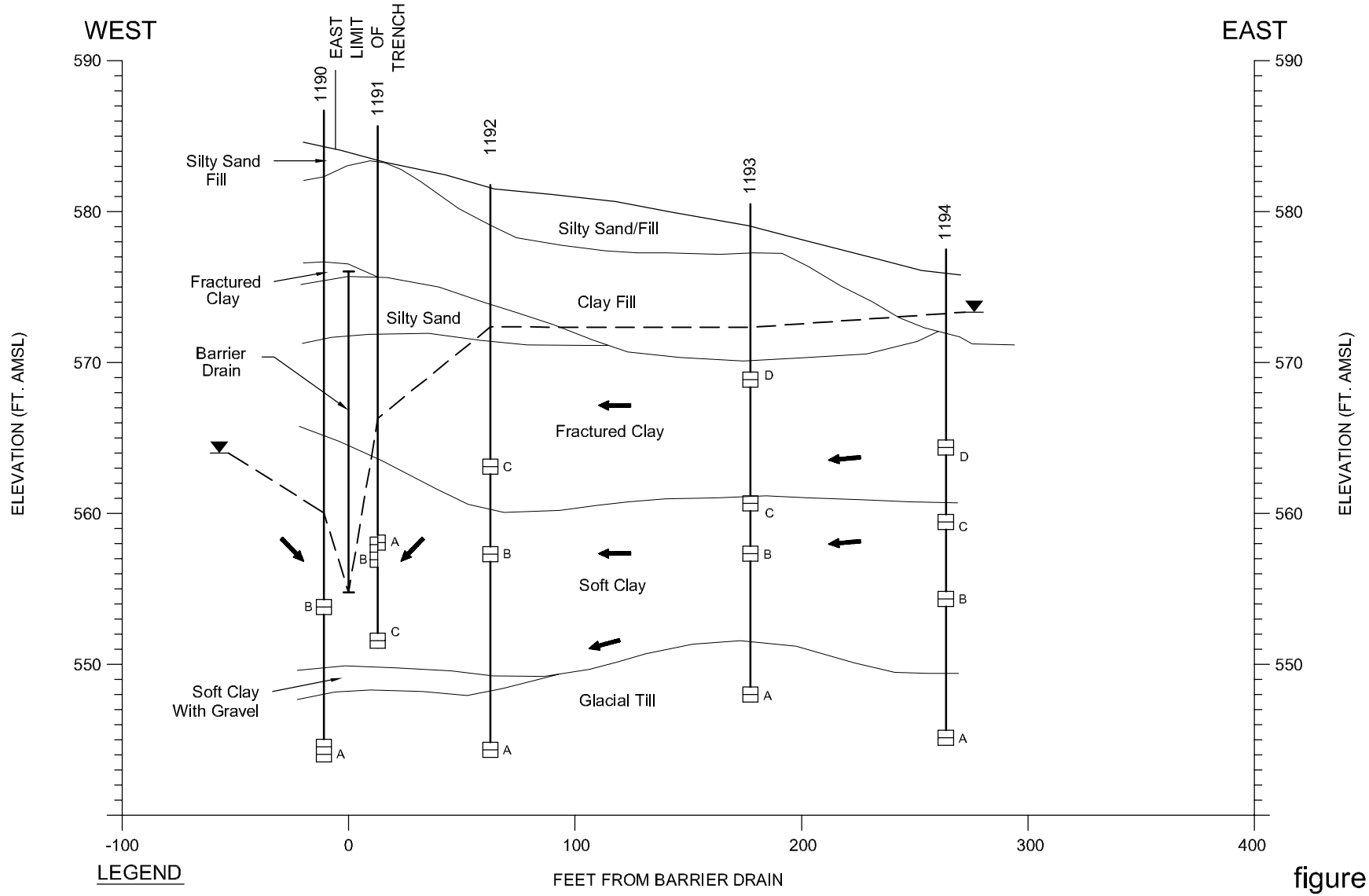


figure 3.6

MAY 2008 FLOW DIAGRAM
1180 SERIES PIEZOMETERS
LOVE CANAL
Glenn Springs Holdings, Inc.

09954-00(012)GN-BU006 FEB 12/2009



LEGEND

A PIEZOMETER DESIGNATION

GROUNDWATER LEVEL

FLOW DIRECTION

SCREENED INTERVAL

NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR UPPERMOST MONITORED INTERVAL

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

figure 3.7

MAY 2008 FLOW DIAGRAM
1190 SERIES PIEZOMETERS
LOVE CANAL
Glenn Springs Holdings, Inc.

09954-00(012)GN-BU007 FEB 12/2009

TABLES

TABLE 3.1

MONTHLY VOLUMES OF GROUNDWATER TREATED
LOVE CANAL LEACHATE TREATMENT FACILITY
GLENN SPRINGS HOLDINGS, INC.

Volume (gal)

		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
January	Gross (1)	597,650	474,330	337,720	700,070	335,700	495,800	396,900	488,900	419,400	309,200	841,400	855,900	993,400	674,000
	Net (2)	-	-	-	-	335700	280364	282480	422682	374123	260171	796,518	817,305	970,918	649,777
	Days (3)	N/A	N/A	N/A	N/A	N/A	21	20	21	14	10	17	16	20	18
February	Gross	202,235	252,450	456,800	539,838	270,100	460,400	560,000	663,700	266,300	330,000	440,200	437,300	216,600	570,000
	Net	-	-	-	-	270,100	368,492	468,863	608,116	231,049	291,082	401,137	405,124	174,776	539,772
	Days	N/A	N/A	N/A	N/A	N/A	21	19	20	13	9	11	9	7	16
March	Gross	385,910	331,690	520,600	615,133	409,300	505,500	616,400	364,900	721,500	1,038,400	698,900	436,800	582,500	570,500
	Net	-	-	-	-	321558	290501	493476	316696	667337	986332	667,105	402,047	560,237	550,518
	Days	N/A	N/A	N/A	N/A	N/A	23	21	21	17	21	13	13	16	12
April	Gross	132,790	615,350	184,400	437,817	555,200	675,600	352,300	689,700	432,800	800,400	805,300	184,800	447,200	602,000
	Net	-	-	-	-	296,535	547,925	262,946	629,683	380,745	767,982	769,514	155,028	420,133	574,359
	Days	N/A	N/A	N/A	N/A	N/A	20	20	20	16	17	14	6	14	12
May	Gross	123,140	513,310	126,850	139,600	401,500	473,300	311,200	589,500	425,400	326,500	183,400	121,800	323,200	172,900
	Net	-	-	-	-	123790	335331	207580	532251	379299	294612	156,846	93,394	297,471	147,715
	Days	N/A	N/A	N/A	N/A	N/A	20	17	20	14	10	5	4	12	11
June	Gross	125,300	251,400	210,630	99,800	323,500	632,200	202,200	395,100	367,900	253,200	160,800	130,700	173,300	128,700
	Net	-	-	-	-	63,658	486,721	132,132	347,485	303,576	208,659	118,979	104,449	148,638	107,411
	Days	N/A	N/A	N/A	N/A	N/A	20	16	14	13	9	6	5	4	6
July	Gross	132,400	113,300	96,810	130,200	143,600	333,900	182,200	194,500	187,700	137,700	92,600	195,500	129,100	164,760
	Net	-	-	-	-	104649	184955	111941	145344	142849	111217	78,234	183,084	99,026	141,442
	Days	N/A	N/A	N/A	N/A	N/A	20	16	16	11	7	3	5	6	6
August	Gross	112,910	146,700	223,390	138,300	230,600	437,100	267,200	151,300	158,600	301,900	98,800	322,440	120,800	197,340
	Net	-	-	-	-	97,423	286,925	194,821	107,928	114,497	269,934	55,055	293,900	106,040	191,068
	Days	N/A	N/A	N/A	N/A	N/A	23	18	17	8	10	5	10	5	6
September	Gross	111,200	310,550	116,790	95,200	232,100	209,600	144,900	148,600	105,800	484,800	317,900	249,160	68,400	152,200
	Net	-	-	-	-	62759	82263	81619	94401	60350	435482	284,315	213,343	49,041	122,101
	Days	N/A	N/A	N/A	N/A	N/A	20	16	12	7	12	8	7	4	9
October	Gross	491,440	532,360	326,100	71,500	283,400	264,300	438,500	154,600	211,000	135,700	486,300	919,200	173,000	296,100
	Net	-	-	-	-	175,837	134,248	348,153	108,226	157,120	94,476	445,560	892,734	141,650	274,068
	Days	N/A	N/A	N/A	N/A	N/A	20	18	13	9	4	10	18	8	13
November	Gross	641,210	393,730	346,550	46,200	491,800	250,900	250,400	360,800	356,800	211,400	524,600	691,800	90,100	449,700
	Net	-	-	-	-	344145	132728	194481	306258	310650	186999	494,443	658,765	77,506	414,149
	Days	N/A	N/A	N/A	N/A	N/A	17	16	14	12	5	14	14	3	14
December	Gross	235,900	499,548	524,760	73,800	695,500	522,600	555,300	549,600	692,300	674,400	502,000	510,400	345,700	757,500
	Net	-	-	-	-	397,912	421,149	475,856	496,556	643,735	622,403	476,165	492,900	317,790	733,582
	Days	N/A	N/A	N/A	N/A	N/A	17	18	15	14	14	12	12	8	20
Total	Gross	3,292,085	4,434,710	3,471,400	3,087,458	4,372,300	5,281,200	4,277,500	4,751,200	4,345,500	5,003,600	5,152,200	5,055,800	3,663,300	4,735,700
	Net	-	-	-	-	2594066	3551603	3254348	4115626	3765330	4529349	4,743,871	4,712,073	3,363,226	4,445,962
	Days	N/A	N/A	N/A	N/A	N/A	242	215	203	148	128	118	119	107	143
Monthly	Gross	274,340	369,560	289,280	257,288	364,358	440,100	356,458	395,933	362,125	416,967	429,350	421,317	305,275	394,642
Average	Net	-	-	-	-	216172.1667	295966.9167	271195.6667	342968.8333	313777.5	377445.75	395,323	392,673	280,269	370,497
	Days	N/A	N/A	N/A	N/A	N/A	20	18	17	12	11	10	10	9	12
Rainfall Inches		33.99	48.22	41.17	38.77	34.08	42.2	35.18	39.74	37.15	41.73	39.07	44.41	35.12	47.23

Notes:

(1) Gross: Total Treated; as of March 1999 Treatment at LCTF included leachate collected from 102nd Street Landfill Site.

(2) Net: LC (Love Canal) Treated; Total treated less received from 102nd Street.

(3) Days: Number of days Treatment Facility discharged to the sanitary sewer.

N/A Not Available.

TABLE 3.2
SUMMARY OF DETECTED COMPOUNDS
2008 LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL

Overburden Wells	*Well*	*VOCs*	*SVOCs*	*Pesticides/PCBs*
7115	B-II	1	1	1
7125	B-II	U	U	U
7130	A	U	1	U
7132	A	U	U	U
8106	X	U	1	U
8125	B-II	U	U	U
8115	B-II	U	1	U
9105	B-II	U	U	U
9113	B-II	U	U	U
9118	A	U	U	1
10135	A	7	13	9
10178A	B-II	U	1	U
		8	**18**	**11**
Bedrock Wells				
3257	X	U	1	U
5221	X	U	1	U
6209	X	U	1	U
7205	A	U	U	U
8210	A	U	U	1
9205	A	U	2	U
9210	A	1	1	U
10205	A	U	1	1
10215	X	1	U	U
10270	X	1	U	U
10272	A	1	U	U
10278	A	1	U	U
10210A	A	1	U	1
10210B	A	U	U	U
10210C	A	1	U	U
10225A	A	2	U	U
10225B	A	U	U	U
10225C	A	2	U	U
		11	**7**	**3**
Total # of Detections		**19**	**25**	**14**

Notes:
U = No parameters detected at or above detection limits.
A = Annual Well.
B-II = Biannual Well Group II.
X = Additional Well.

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*3257*	*5221*	*5222*	*6209*	*7115*	*7125*	*7130*	*7132*	*7205*
	Sample ID:	*LC-3257-608*	*LC-5221-608*	*LC-5222-608*	*LC-6209-608*	*LC-7115-608*	*LC-7125-608*	*LC-7130-608*	*LC-7132-608*	*LC-7205-608*
	Sample Date:	*6/24/2008*	*6/24/2008*	*6/12/2008*	*6/12/2008*	*6/12/2008*	*6/10/2008*	*6/12/2008*	*6/10/2008*	*6/10/2008*
Parameters	*Units*									
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 UJ	10 U	3 J	10 U	10 UJ	10 U	10 UJ
Benzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ	10 U	10 UJ
Vinyl chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds		0	0	0	0	1	0	0	0	0

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*3257*	*5221*	*5222*	*6209*	*7115*	*7125*	*7130*	*7132*	*7205*
	Sample ID:	*LC-3257-608*	*LC-5221-608*	*LC-5222-608*	*LC-6209-608*	*LC-7115-608*	*LC-7125-608*	*LC-7130-608*	*LC-7132-608*	*LC-7205-608*
	Sample Date:	*6/24/2008*	*6/24/2008*	*6/12/2008*	*6/12/2008*	*6/12/2008*	*6/10/2008*	*6/12/2008*	*6/10/2008*	*6/10/2008*
Parameters	*Units*									
Semi-volatile Organic Compounds										
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl Alcohol	µg/L	4 J	5 J	6 J	3 J	4 J	24 U	4 J	10 U	17 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*3257*	*5221*	*5222*	*6209*	*7115*	*7125*	*7130*	*7132*	*7205*
	Sample ID:	*LC-3257-608*	*LC-5221-608*	*LC-5222-608*	*LC-6209-608*	*LC-7115-608*	*LC-7125-608*	*LC-7130-608*	*LC-7132-608*	*LC-7205-608*
	Sample Date:	*6/24/2008*	*6/24/2008*	*6/12/2008*	*6/12/2008*	*6/12/2008*	*6/10/2008*	*6/12/2008*	*6/10/2008*	*6/10/2008*
Parameters	*Units*									
bis(2-Ethylhexyl)phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds		1	1	1	1	1	0	1	0	0
Pesticides										
4,4'-DDD	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	µg/L	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 U	0.10 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 UJ	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.33	0.050 U	0.011 J	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*3257*	*5221*	*5222*	*6209*	*7115*	*7125*	*7130*	*7132*	*7205*
	Sample ID:	*LC-3257-608*	*LC-5221-608*	*LC-5222-608*	*LC-6209-608*	*LC-7115-608*	*LC-7125-608*	*LC-7130-608*	*LC-7132-608*	*LC-7205-608*
	Sample Date:	*6/24/2008*	*6/24/2008*	*6/12/2008*	*6/12/2008*	*6/12/2008*	*6/10/2008*	*6/12/2008*	*6/10/2008*	*6/10/2008*
Parameters	*Units*									
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L	0.050 U	0.050 U	0.021 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 U	0.10 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan sulfate	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	µg/L	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 U	0.10 U
Endrin ketone	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	µg/L	0.050 UJ	0.050 UJ	0.026 J	0.050 UJ	0.050 UJ	0.050 U	0.050 UJ	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 UJ	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds		0	0	3	0	1	0	0	0	0

Notes:

µg/L	Micrograms per liter.
J	Estimated concentration.
U	Not present at or above the associated value.
UJ	Estimated reporting limit.

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*8106*	*8115*	*8125*	*8210*	*9105*	*9113*	*9118*	*9118*	*9205*
	Sample ID:	*LC-8106-608*	*LC-8115-608*	*LC-8125-608*	*LC-8210-608*	*LC-9105-608*	*LC-9113-608*	*LC-9118-608*	*LC-8205-608*	*LC-9205-608*
	Sample Date:	*6/24/2008*	*6/9/2008*	*6/9/2008*	*7/23/2008*	*6/9/2008*	*6/9/2008*	*6/10/2008*	*6/10/2008 (Duplicate)*	*6/24/2008*
Parameters	*Units*									
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds		0	0	0	0	0	0	0	0	0

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Parameters	*Units*	*Sample Location:* 8106 *Sample ID:* LC-8106-608 *Sample Date:* 6/24/2008	8115 LC-8115-608 6/9/2008	8125 LC-8125-608 6/9/2008	8210 LC-8210-608 7/23/2008	9105 LC-9105-608 6/9/2008	9113 LC-9113-608 6/9/2008	9118 LC-9118-608 6/10/2008	9118 LC-8205-608 6/10/2008 (Duplicate)	9205 LC-9205-608 6/24/2008
Semi-volatile Organic Compounds										
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U
Benzyl Alcohol	µg/L	3 J	10 U	11 U	10 U	10 U	10 U	10 U	10 U	4 J
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	8106	8115	8125	8210	9105	9113	9118	9118	9205
	Sample ID:	LC-8106-608	LC-8115-608	LC-8125-608	LC-8210-608	LC-9105-608	LC-9113-608	LC-9118-608	LC-8205-608	LC-9205-608
	Sample Date:	6/24/2008	6/9/2008	6/9/2008	7/23/2008	6/9/2008	6/9/2008	6/10/2008	6/10/2008 (Duplicate)	6/24/2008
Parameters	*Units*									
bis(2-Ethylhexyl)phthalate	µg/L	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	3 J
Butyl benzylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds		1	1	0	0	0	0	0	0	2
Pesticides										
4,4'-DDD	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.025 J	0.050 U
alpha-Chlordane	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	µg/L	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Parameters	Units	Sample Location: 8106 Sample ID: LC-8106-608 Sample Date: 6/24/2008	8115 LC-8115-608 6/9/2008	8125 LC-8125-608 6/9/2008	8210 LC-8210-608 7/23/2008	9105 LC-9105-608 6/9/2008	9113 LC-9113-608 6/9/2008	9118 LC-9118-608 6/10/2008	9118 LC-8205-608 6/10/2008 (Duplicate)	9205 LC-9205-608 6/24/2008
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.051 U	0.050 U	0.050 U	0.023 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan sulfate	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	µg/L	0.051 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ
gamma-Chlordane	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.51 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	µg/L	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds		0	0	0	1	0	0	0	1	0

Notes:

µg/L	Micrograms per liter.
J	Estimated concentration.
U	Not present at or above the associated value.
UJ	Estimated reporting limit.

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:		*9210*	*9210*	*10135*	*10178A*	*10205*	*10210A*	*10210B*	*10210C*
Sample ID:		*LC-9210-608*	*LC-8215-608*	*LC-10135-608*	*LC-10178A-608*	*LC-10205-608*	*LC-10210A-608*	*LC-10210B-608*	*LC-10210C-608*
Sample Date:		*7/18/2008*	*7/18/2008 (Duplicate)*	*7/23/2008*	*7/23/2008*	*6/24/2008*	*7/17/2008*	*7/17/2008*	*7/16/2008*
Parameters	*Units*								
Volatile Organic Compounds									
1,1,1-Trichloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 UJ	10 UJ	100 UJ	10 UJ	10 U	10 UJ	10 UJ	10 UJ
Benzene	µg/L	10 U	10 U	5300	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	3 J	3 J	100 U	10 U	10 U	24	10 U	2 J
Carbon tetrachloride	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	1400	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	99 J	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	10 U	100 UJ	10 UJ	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	10 U	10 U	79 J	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Styrene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	13000	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	32 J	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	27 J	10 U	10 U	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds		1	1	7	0	0	1	0	1

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Parameters	*Units*	*Sample Location:* 9210 *Sample ID:* LC-9210-608 *Sample Date:* 7/18/2008	9210 LC-8215-608 7/18/2008 (Duplicate)	10135 LC-10135-608 7/23/2008	10178A LC-10178A-608 7/23/2008	10205 LC-10205-608 6/24/2008	10210A LC-10210A-608 7/17/2008	10210B LC-10210B-608 7/17/2008	10210C LC-10210C-608 7/16/2008
Semi-volatile Organic Compounds									
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	28	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 J	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	24	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	6 J	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	150	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	17 J	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	140	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	26	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	10 U	10 U	110	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	7600 J	50 UJ	50 U	50 U	50 U	50 U
Benzyl Alcohol	µg/L	10 U	10 U	38	10 U	3 J	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	16 J	10 U	10 U	10 U	10 U	10 U

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Parameters	*Units*	*Sample Location:* 9210 *Sample ID:* LC-9210-608 *Sample Date:* 7/18/2008	9210 LC-8215-608 7/18/2008 (Duplicate)	10135 LC-10135-608 7/23/2008	10178A LC-10178A-608 7/23/2008	10205 LC-10205-608 6/24/2008	10210A LC-10210A-608 7/17/2008	10210B LC-10210B-608 7/17/2008	10210C LC-10210C-608 7/16/2008
bis(2-Ethylhexyl)phthalate	µg/L	8 J	10 U	23 U	3 J	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	96	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds		1	0	13	1	1	0	0	0
Pesticides									
4,4'-DDD	µg/L	0.10 U	0.10 U	0.13 J	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	µg/L	0.050 U	0.050 U	0.052 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	17	0.050 U	0.052	0.096 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.23 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	9.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Parameters	*Units*	*Sample Location:* 9210 *Sample ID:* LC-9210-608 *Sample Date:* 7/18/2008	9210 LC-8215-608 7/18/2008 (Duplicate)	10135 LC-10135-608 7/23/2008	10178A LC-10178A-608 7/23/2008	10205 LC-10205-608 6/24/2008	10210A LC-10210A-608 7/17/2008	10210B LC-10210B-608 7/17/2008	10210C LC-10210C-608 7/16/2008
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L	0.050 U	0.050 U	4.4	0.050 U	0.050 U	0.015 J	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	6.3	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.23 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan sulfate	µg/L	0.10 U	0.10 U	0.37 J	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	µg/L	0.050 U	0.050 U	2	0.050 U	0.050 UJ	0.050 U	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.23 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.19 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.13 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.50 U	0.50 U	2.3 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	µg/L	5.0 U	5.0 U	23 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds		0	0	9	0	1	1	0	0

Notes:

µg/L	Micrograms per liter.
J	Estimated concentration.
U	Not present at or above the associated value.
UJ	Estimated reporting limit.

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Sample Location:		*10215*	*10225A*	*10225A*	*10225B*	*10225C*	*10270*	*10272*	*10278*
Sample ID:		*LC-10215-608*	*LC-10225A-608*	*LC-8225-608*	*LC-10225B-608*	*LC-10225C-608*	*LC-10270-608*	*LC-10272-608*	*LC-10278-608*
Sample Date:		*7/18/2008*	*7/17/2008*	*7/17/2008 (Duplicate)*	*7/17/2008*	*7/16/2008*	*7/22/2008*	*7/22/2008*	*7/22/2008*
Parameters	*Units*								
Volatile Organic Compounds									
1,1,1-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 UJ	11 UJ	12 UJ	12 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	2 J	38	34	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	27	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
cis-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	10 U	10 U	10 U	10 U	10 U	3 J	3 J	3 J
Styrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	10 U	10 U	5 J	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds		1	2	1	0	2	1	1	1

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Parameters	Units	Sample Location: 10215 Sample ID: LC-10215-608 Sample Date: 7/18/2008	10225A LC-10225A-608 7/17/2008	10225A LC-8225-608 7/17/2008 (Duplicate)	10225B LC-10225B-608 7/17/2008	10225C LC-10225C-608 7/16/2008	10270 LC-10270-608 7/22/2008	10272 LC-10272-608 7/22/2008	10278 LC-10278-608 7/22/2008
Semi-volatile Organic Compounds									
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	4 J	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 UJ
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ
Benzyl Alcohol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Parameters	*Units*	*Sample Location:* 10215 *Sample ID:* LC-10215-608 *Sample Date:* 7/18/2008	*10225A* *LC-10225A-608* *7/17/2008*	*10225A* *LC-8225-608* *7/17/2008* *(Duplicate)*	*10225B* *LC-10225B-608* *7/17/2008*	*10225C* *LC-10225C-608* *7/16/2008*	*10270* *LC-10270-608* *7/22/2008*	*10272* *LC-10272-608* *7/22/2008*	*10278* *LC-10278-608* *7/22/2008*
bis(2-Ethylhexyl)phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 UJ
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds		0	0	0	0	1	0	0	0
Pesticides									
4,4'-DDD	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3.3

2008 ANALYTICAL RESULTS SUMMARY
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

	Sample Location:	*10215*	*10225A*	*10225A*	*10225B*	*10225C*	*10270*	*10272*	*10278*
	Sample ID:	*LC-10215-608*	*LC-10225A-608*	*LC-8225-608*	*LC-10225B-608*	*LC-10225C-608*	*LC-10270-608*	*LC-10272-608*	*LC-10278-608*
	Sample Date:	*7/18/2008*	*7/17/2008*	*7/17/2008 (Duplicate)*	*7/17/2008*	*7/16/2008*	*7/22/2008*	*7/22/2008*	*7/22/2008*
Parameters	*Units*								
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan sulfate	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Discrete Compounds		0	0	0	0	0	0	0	0

Notes:

µg/L	Micrograms per liter.
J	Estimated concentration.
U	Not present at or above the associated value.
UJ	Estimated reporting limit.

TABLE 3.4
SUMMARY OF DETECTED COMPOUNDS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*10210A*																	
Sample Date:	7/24/1990	8/22/1991	8/26/1992	8/11/1993	5/25/1995	7/1/1996	7/10/1997	6/26/1998	6/23/1999	6/21/2000	5/18/2001	6/13/2002	5/27/2003	6/3/2004	6/28/2005	7/6/2006	7/26/2007	7/17/2008
Volatiles (ug/L)																		
1,1,2,2-Tetrachloroethane																		
1,1,2-Trichloroethane																		
1,1-Dichloroethane																		
1,2-Dichloroethene (total)																		
2-Butanone									2J					4J				
2-Hexanone									3J									
Acetone	14C			13B				120J			10J							
Benzene																		
Carbon Disulfide					20	310					6J			6J	1.6 J	1 J	8J	24
Chlorobenzene																		
Chloroform																		
Ethylbenzene																		
Methylene Chloride																		
Tetrachloroethene																		
Toluene									2J						2.3 J			
Trichloroethene																		
Vinyl Acetate																		
Vinyl Chloride																		
Xylene (total)																		
Semi-volatiles (ug/L)																		
1,2,4-Trichlorobenzene																		
1,2-Dichlorobenzene																		
1,3-Dichlorobenzene																		
1,4-Dichlorobenzene																		
2-Butanone (Methyl Ethyl Ketone)												3J						
2,4,5-Trichlorophenol																		
2,4,6-Trichlorophenol																		
2,4-Dichlorophenol																		
2,4-Dimethylphenol																		
2-Chloronaphthalene																		
2-Chlorophenol																		
2-Methylphenol																		
2-Nitrophenol																		
4-Chloro-3-methylphenol																		
4-Methylphenol																		
Benzoic Acid							12J							3J	2.7 J			
Benzyl Alcohol																		
Bis(2-Chloroethyl)Ether																		
bis(2-Ethylhexyl)Phthalate		12	21	31	51									1J	1.7 J	8 J		
Dimethyl Phthalate	16																	
Di-n-Octyl Phthalate	3B																	
Hexachlorobenzene																		
Naphthalene																		
Pentachlorophenol																		
Phenol									1J					1J	1.7 J			
Pesticides/PCBs (ug/L)																		
4,4'-DDD																		
Aldrin																		
Alpha-BHC									0.28									
Alpha-Chlordane																		
Beta-BHC									0.035J					.011J				0.015 J
Delta-BHC														.043J				
Dieldrin																		
Endosulfan I									0.046J									
Endosulfan II																		
Endosulfan Sulfate																		
Endrin																		
Gamma-BHC (Lindane)									0.10J									
Gamma-Chlordane																		
Heptachlor																		
Heptachlor epoxide																		

Notes:
B - Found in Blank.
ND or U - Non-Detected at the associated estimated value.
C - Confirmed data.
J - Estimated Concentration.
JN Presumptively present at the associated estimated value.
D - Diluted Sampled.
E - Exceeded calibration range of the instrument.
P - Greater than 25% difference for detected concentrations between the two GC columns in the pesticide target analyte. Lower of two values is reported.

TABLE 3.4
SUMMARY OF DETECTED COMPOUNDS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	*102108*																	
Sample Date:	7/24/1990	8/22/1991	8/26/1992	8/11/1993	6/15/1994	6/1/1995	7/5/1996	7/1/1997	6/18/1998	6/24/1999	6/15/2000	5/17/2001	6/10/2002	5/23/2003	6/7/2004	6/24/2005	6/28/2006	7/26/2007	7/17/2008
Volatiles (ug/L)																			
1,1,2,2-Tetrachloroethane																			
1,1,2-Trichloroethane																			
1,1-Dichloroethane																			
1,2-Dichloroethene (total)																			
2-Butanone														23					
2-Hexanone																			
Acetone			31		12B	23						12J							
Benzene																			
Carbon Disulfide									8J	2J		14	3J	2 J		1.4 J	1 J	6J	
Chlorobenzene															1J				
Chloroform																			
Ethylbenzene																			
Methylene Chloride																			
Tetrachloroethene															9J				
Toluene										2J	1J					1.1 J			
Trichloroethene																			
Vinyl Acetate																			
Vinyl Chloride																			
Xylene (total)																			
Semi-volatiles (ug/L)																			
1,2,4-Trichlorobenzene														3 J					
1,2-Dichlorobenzene																			
1,3-Dichlorobenzene																			
1,4-Dichlorobenzene																			
2-Butanone (Methyl Ethyl Ketone)																			
2,4,5-Trichlorophenol																			
2,4,6-Trichlorophenol																			
2,4-Dichlorophenol																			
2,4-Dimethylphenol																			
2-Chloronaphthalene																			
2-Chlorophenol																			
2-Methylphenol																			
2-Nitrophenol																			
4-Chloro-3-methylphenol																			
4-Methylphenol																			
Benzoic Acid																	2 J		
Benzyl Alcohol																			
Bis(2-Chloroethyl)Ether																			
bis(2-Ethylhexyl)Phthalate	7B	13		11				55	6J						4J	4.5 J	3 J		
Dimethyl Phthalate																			
Di-n-Octyl Phthalate												3J							
Hexachlorobenzene														1 J					
Naphthalene																			
Pentachlorophenol																			
Phenol		3																	
Pesticides/PCBs (ug/L)																			
4,4'-DDD															0.011J				
Aldrin																	.0089J		
Alpha-BHC														19		0.37	0.58	0.016J	
Alpha-Chlordane																			
Beta-BHC														1.9	0.53	0.082 p	0.082		
Delta-BHC														0.56 J	0.15		.047 J		
Dieldrin														0.13 J					
Endosulfan I														0.11 J					
Endosulfan II																			
Endosulfan Sulfate																			
Endrin																			
Gamma-BHC (Lindane)														2.1	0.39	0.046 J	0.099		
Gamma-Chlordane														0.15 J					
Heptachlor														0.35 J					
Heptachlor epoxide																			

Notes:
B - Found in Blank.
ND or U - Non-Detected at the associated estin
C - Confirmed data.
J - Estimated Concentration.
JN Presumptively present at the associated
D - Diluted Sampled.
E - Exceeded calibration range of the instru
P - Greater than 25% difference for detected

TABLE 3.4
SUMMARY OF DETECTED COMPOUNDS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:											*10210C*								
Sample Date:	7/25/1990	8/22/1991	8/26/1992	8/11/1993	6/8/1994	6/1/1995	7/1/1996	7/1/1997	6/22/1998	6/24/1999	6/15/2000	5/17/2001	6/10/2002	5/23/2003	6/7/2004	6/23/2005	6/28/2006	7/26/2007	7/16/2008
Volatiles (ug/L)																			
1,1,2,2-Tetrachloroethane																			
1,1,2-Trichloroethane																			
1,1-Dichloroethane																			
1,2-Dichloroethene (total)																			
2-Butanone																			
2-Hexanone																			
Acetone			10B	23B	19B					2100	8J	9J				1.9 J			
Benzene																			
Carbon Disulfide											3J								2 J
Chlorobenzene																	2 J		
Chloroform																			
Ethylbenzene																			
Methylene Chloride																			
Tetrachloroethene																	6 J		
Toluene															29				
Trichloroethene																			
Vinyl Acetate																			
Vinyl Chloride																			
Xylene (total)																			
Semi-volatiles (ug/L)																			
1,2,4-Trichlorobenzene																	6 J		
1,2-Dichlorobenzene																			
1,3-Dichlorobenzene																			
1,4-Dichlorobenzene																			
2-Butanone (Methyl Ethyl Ketone)																			
2,4,5-Trichlorophenol																			
2,4,6-Trichlorophenol																			
2,4-Dichlorophenol																			
2,4-Dimethylphenol																			
2-Chloronaphthalene																			
2-Chlorophenol																			
2-Methylphenol																			
2-Nitrophenol																			
4-Chloro-3-methylphenol																			
4-Methylphenol						29	110	62	0.6J										
Benzoic Acid																			
Benzyl Alcohol																			
Bis(2-Chloroethyl)Ether																			
bis(2-Ethylhexyl)Phthalate	7B	13		38											5J		5 J		
Dimethyl Phthalate																			
Di-n-Octyl Phthalate																			
Hexachlorobenzene																			
Naphthalene																			
Pentachlorophenol																			
Phenol		6				22		22											
Pesticides/PCBs (ug/L)																			
4,4'-DDD																			
Aldrin																	.061 J		
Alpha-BHC																0.083	.45 J		
Alpha-Chlordane																			
Beta-BHC															0.017J		.048 J		
Delta-BHC																	.052 J		
Dieldrin																			
Endosulfan I																			
Endosulfan II																			
Endosulfan Sulfate																			
Endrin																	.14 J		
Gamma-BHC (Lindane)																	.11 J		
Gamma-Chlordane																	.018 J		
Heptachlor																			
Heptachlor epoxide																			

Notes:
B - Found in Blank.
ND or U - Non-Detected at the associated estin
C - Confirmed data.
J - Estimated Concentration.
JN Presumptively present at the associated
D - Diluted Sampled.
E - Exceeded calibration range of the instru
P - Greater than 25% difference for detected

TABLE 3.4
SUMMARY OF DETECTED COMPOUNDS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDINGS, INC.

Well Number:	10135																
Sample Date:	8/26/1992	8/19/1993	6/22/1994	6/1/1995	6/27/1996	7/7/1997	6/17/1998	6/16/1999	6/22/2000	5/11/2001	6/12/2002	5/19/2003	5/28/2004	6/17/2005	6/26/2006	7/18/2007	7/23/2008
Volatiles (ug/L)																	
1,1,2,2-Tetrachloroethane		12			26		94J	32/29	27J/26J	100J/120J	500U/56	38				16J	
1,1,2-Trichloroethane					14		29J	15/12	14J/16J	29J/34J	500U/27					15J	
1,1-Dichloroethane		15						4J/3J	4J/4J	4J/4J	500U/4J	3 J				2J	
1,2-Dichloroethene (total)	700	840			560		58J	67/70	67J/70J	60J/59J		490 J			682 J	50J	111 J
2-Butanone		5200							10UJ/10J	12J/11J							
2-Hexanone																	
Acetone		270	100B		60		110J		28J/46J		500U/72	74			200 J	53J	
Benzene			6000E	4900D	4800	5600/5000	5300J	5600/5700	6400/6900J	7600/8500J	5900/6400	5500			6800	7100	5300
Carbon Disulfide								ND/2J								2J	
Chlorobenzene	2600	1700		2000D	1500	2300/ND	1900J	1800/1900	2300J/2300J	2700J/3000J	2200/2400	1900		2000	2400	2100	1400
Chloroform		100			110		150J	120/110	100J/130J	150J/160J	500U/160	110			110 J	140J	99 J
Ethylbenzene		13					12	10J/9J	12J/12J	22J/24J	500U/15	10				10J	
Methylene Chloride		41			11				24J/24J		500U/39	26			44 J	32J	
Tetrachloroethene							40J	13/12	16J/14J	50J/61J	500U/38	18				13J	
Toluene	2700	1700E	21500BE	18000D	14000	19000/17000	16000J	16000/17000	21000J/21000J	22000/24000	20000J/19000	15000		16000	21000	23000	13000
Trichloroethene		24			36		170J	70/58	60J/72J	140J/180J	130J/160	91			46 J	89J	27 J
Vinyl Acetate	6800		12B														
Vinyl Chloride					50		48J	62/61	110J/85J	75J/66J	500U/48	51					
Xylene (total)		47	10B		28		55J	43/44	42J/44J		500U/51	29				37J	
Semi-volatiles (ug/L)																	
1,2,4-Trichlorobenzene		74	87B				78J	65J/45J	45J/36J	42J/65J		97 J		4.5 J	63	47J	28
1,2-Dichlorobenzene		35						30J/24J	22J/18J	ND/48J		59 J		36 J	37	31J	10 J
1,3-Dichlorobenzene															3 J	87J	
1,4-Dichlorobenzene	110	94	91					74J/61J	59J/52J	69J/110J		160 J		100 J	100	84J	24
2-Butanone (Methyl Ethyl Ketone)																	
2,4,5-Trichlorophenol		70					38J		0.9J/ND						8 J		
2,4,6-Trichlorophenol									1J/ND								6 J
2,4-Dichlorophenol	1200B	420	610	150		2100/2100	2000	610/690	1400J/470J	620J/1200J	1500J/1800J	1700		420	250	490	150
2,4-Dimethylphenol									ND/2J								
2-Chloronaphthalene				150						370J/550J							
2-Chlorophenol							28J	25J/ND							18		17 J
2-Methylphenol		51					55J	35J/42J	160J/ND	ND/41J		50 J		25 J	33	34J	140
2-Nitrophenol									ND/1J								
4-Chloro-3-methylphenol								33J/25J				41 J					26
4-Methylphenol		80					130J	120/95J	99J/300J	86J/130J		210 J		49 J		120J	110
Benzoic Acid				6400D	4000	30000J/27000J	23000J	5000/4300	19000J/4700J	4400J/6200J	25000/31000	26000		1400 J	14000 J	14000	7600 J
Benzyl Alcohol				380		1900/1600	2700	540/680	14000/3200J	330J/630J	1700J/2000	640		23 J	48	580	38
Bis(2-Chloroethyl)Ether		23					24J	26J/25J						24 J	24	30J	16 J
bis(2-Ethylhexyl)Phthalate		50							41J/24J						53		
Dimethyl Phthalate																	
Di-n-Octyl Phthalate																	
Hexachlorobenzene																	
Naphthalene								2000J/1400J	4000J/1800J	1100/1400				1800 J			
Pentachlorophenol		52															
Phenol		96	91	140				120/96J		ND/51J		180 J			140	130J	96
Pesticides/PCBs (ug/L)																	
4,4'-DDD								0.028J/0.21	0.071J/0.13J					0.19 J		0.081J	0.13 J
Aldrin	0.53	0.24P						0.21J/0.74JN		0.95JN/1.5JN	0.12J/0.12J					0.073J	0.052 J
Alpha-BHC	84	42C	24CEP	28D	29	39/39	59	37J/40	50/50	43J/50J	39/43	49		15		12	17
Alpha-Chlordane											0.031J/0.017J					0.011J	
Beta-BHC				10D	11	8.1/8.6	12	11J/12	15/16	16J/16J	13J/14J	15 J		3.4	7.3	3.2	4.4
Delta-BHC	15	9.8P	7.5CE	4.7	5.2	ND/5.1	8.9	9.6J/11	14/13	10J/12J	9.0J/11J	12		9.1	13	4.7	6.3
Dieldrin																	
Endosulfan I								0.43J/0.34		1.5JN/1.6JN							
Endosulfan II									0.52J/0.69J					0.15 J			
Endosulfan Sulfate		0.43P						0.17J/0.18	0.17J/0.10UJ			1.3 J				0.34J	0.37 J
Endrin			0.15P													0.034J	
Gamma-BHC (Lindane)	33	19.5	20.4CE			13.2/14.8	6.5J	4.1J/5.5	8.0/6.4	5J/7.3	6.1J/7.3J	7.1			4.8	2.1	2
Gamma-Chlordane									0.16J/0.18J		0.34J/0.29J				.33 J	0.017J	
Heptachlor								0.68JN/0.63				0.61 J		0.053		0.092J	0.19 J
Heptachlor epoxide								0.058J/0.043J	0.029J/0.031J		0.016J/0.025J	2.2 J				0.29	0.13 J

Notes:
B - Found in Blank.
ND or U - Non-Detected at the associated estin
C - Confirmed data.
J - Estimated Concentration.
JN Presumptively present at the associated
D - Diluted Sampled.
E - Exceeded calibration range of the instru
P - Greater than 25% difference for detected

TABLE 3.5A

1140 SERIES PIEZOMETERS WATER LEVELS-2008
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	1144 *(ft. AMSL)*	1143 *(ft. AMSL)*	1142 *(ft. AMSL)*	1141 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*	1140 *(ft. AMSL)*
March-08	574.32	571.90	570.61	566.18	561.70	564.85
May-08	573.97	571.75	570.77	566.53	561.70	564.47
August-08	573.72	570.90	570.15	566.69	561.70	564.67
December-08	575.14	572.05	570.79	566.88	561.70	565.26

B WELLS

Well (1) / *Date*	1144 *(ft. AMSL)*	1143 *(ft. AMSL)*	1142 *(ft. AMSL)*	1141 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*	1140 *(ft. AMSL)*
March-08	572.36	571.42	567.57	566.98	561.70	564.98
May-08	571.59	571.88	567.68	567.01	561.70	564.80
August-08	571.23	570.69	567.96	567.14	561.70	564.98
December-08	572.81	571.60	568.11	567.38	561.70	565.41

C WELLS

Well (1) / *Date*	1144 *(ft. AMSL)*	1143 *(ft. AMSL)*	1142 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	571.40	569.53	566.08	561.70
May-08	571.29	569.86	566.10	561.70
August-08	570.96	569.66	566.24	561.70
December-08	572.19	570.08	566.38	561.70

D WELLS

Well (1) / *Date*	1144 *(ft. AMSL)*	1143 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	569.02	567.72	561.70
May-08	569.48	567.88	561.70
August-08	569.28	567.98	561.70
December-08	569.84	568.24	561.70

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

TABLE 3.5B

1150 SERIES PIEZOMETERS WATER LEVELS-2008
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	*1154* *(ft. AMSL)*	*1153* *(ft. AMSL)*	*1151* *(ft. AMSL)*	*Tile Drain* *(ft. AMSL)*
March-08	572.51	572.29	567.53	561.85
May-08	571.87	569.46	567.26	561.85
August-08	568.79	569.86	567.36	561.85
December-08	572.75	572.07	567.83	561.85

B WELLS

Well (1) / *Date*	1154 *(ft. AMSL)*	1153 *(ft. AMSL)*	1151 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	568.71	570.45	568.16	561.85
May-08	568.33	568.93	568.23	561.85
August-08	568.68	572.55	568.20	561.85
December-08	569.07	576.48	568.59	561.85

C WELLS

Well (1) / *Date*	1154 *(ft. AMSL)*	1153 *(ft. AMSL)*	1151 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	568.92	577.25	569.53	561.85
May-08	568.70	570.81	569.72	561.85
August-08	568.63	572.75	568.70	561.85
December-08	572.46	576.85	569.35	561.85

D WELLS

Well (1) / *Date*	1153 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	574.07	561.70
May-08	571.06	561.70
August-08	572.21	561.70
December-08	573.87	561.70

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

TABLE 3.5C

1160 SERIES PIEZOMETERS WATER LEVELS-2008
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	10176 *(ft. AMSL)*	1165 *(ft. AMSL)*	1163 *(ft. AMSL)*	1162 *(ft. AMSL)*	1161 *(ft. AMSL)*	1160 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	570.06	575.92	569.09	570.12	565.83	565.90	560.60
May-08	566.42	576.05	569.17	570.67	565.68	565.47	560.60
August-08	567.01	575.90	569.27	570.17	565.00	564.62	560.60
December-08	569.08	576.18	569.40	570.06	565.50	565.32	560.60

B WELLS

Well (1) / *Date*	10176 *(ft. AMSL)*	1165 *(ft. AMSL)*	1163 *(ft. AMSL)*	1161 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	569.33	579.52	569.76	567.21	560.60
May-08	566.44	579.82	570.20	567.65	560.60
August-08	567.03	579.78	570.05	567.09	560.60
December-08	568.67	580.10	569.80	567.17	560.60

C WELLS

Well (1) / *Date*	10176 *(ft. AMSL)*	1165 *(ft. AMSL)*	1163 *(ft. AMSL)*	1162 *(ft. AMSL)*	1161 *(ft. AMSL)*	1160 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	565.26	580.23	570.11	569.69	568.88	564.84	560.60
May-08	565.16	580.77	570.65	570.30	569.38	564.68	560.60
August-08	565.50	580.57	570.60	569.90	569.09	565.90	560.60
December-08	566.24	580.75	570.11	569.66	568.88	565.72	560.60

D WELLS

Well (1) / *Date*	10176 *(ft. AMSL)*	1165 *(ft. AMSL)*	1163 *(ft. AMSL)*	1162 *(ft. AMSL)*	1161 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	563.79	578.15	DRY	567.77	569.08	560.60
May-08	563.73	578.60	DRY	567.74	569.85	560.60
August-08	564.12	578.45	DRY	567.52	569.67	560.60
December-08	564.70	578.69	DRY	567.90	569.18	560.60

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

TABLE 3.5D

1170 SERIES PIEZOMETERS WATER LEVELS-2008
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	1174 *(ft. AMSL)*	1173 *(ft. AMSL)*	1172 *(ft. AMSL)*	1171 *(ft. AMSL)*	1170 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	576.39	568.69	566.63	564.99	563.96	555.60
May-08	576.05	568.42	566.71	565.12	563.88	555.60
August-08	576.18	568.28	566.58	564.80	563.57	555.60
December-08	576.26	568.74	566.68	564.91	563.77	555.60

B WELLS

Well (1) / *Date*	1174 *(ft. AMSL)*	1173 *(ft. AMSL)*	1172 *(ft. AMSL)*	1171 *(ft. AMSL)*	1170 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	575.13	569.74	569.86	563.88	569.57	555.60
May-08	575.36	569.64	569.48	564.13	569.51	555.60
August-08	575.93	569.61	569.06	563.73	571.29	555.60
December-08	575.41	570.17	568.90	563.94	569.04	555.60

C WELLS

Well (1) / *Date*	1174 *(ft. AMSL)*	1173 *(ft. AMSL)*	1172 *(ft. AMSL)*	1171 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	574.31	571.75	569.37	563.66	555.60
May-08	574.49	572.05	569.76	564.04	555.60
August-08	575.02	571.47	569.39	563.66	555.60
December-08	575.06	571.66	569.45	563.41	555.60

D WELLS

Well (1) / *Date*	1174 *(ft. AMSL)*	1173 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	572.26	573.35	555.60
May-08	572.08	572.05	555.60
August-08	572.13	571.47	555.60
December-08	572.89	572.87	555.60

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

TABLE 3.5E

1180 SERIES PIEZOMETERS WATER LEVELS-2008
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	1184 *(ft. AMSL)*	1183 *(ft. AMSL)*	1181 *(ft. AMSL)*	1180 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	565.56	565.28	567.21	563.49	560.00
May-08	564.30	564.83	567.20	561.95	560.00
August-08	564.25	565.44	567.10	563.38	560.00
December-08	565.40	565.69	567.74	563.67	560.00

B WELLS

Well (1) / *Date*	1184 *(ft. AMSL)*	1183 *(ft. AMSL)*	1181 *(ft. AMSL)*	1180 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	565.67	565.70	568.02	561.85	560.00
May-08	564.61	565.48	567.22	561.83	560.00
August-08	564.38	565.92	568.01	561.79	560.00
December-08	565.90	565.88	568.43	562.14	560.00

C WELLS

Well (1) / *Date*	1184 *(ft. AMSL)*	1183 *(ft. AMSL)*	1181 *(ft. AMSL)*	1180 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	569.55	568.58	572.06	DRY	560.00
May-08	564.22	567.99	568.93	DRY	560.00
August-08	568.40	568.31	569.47	DRY	560.00
December-08	570.59	568.51	571.25	DRY	560.00

D WELLS

Well (1) / *Date*	1184 *(ft. AMSL)*	1183 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	569.39	567.20	560.00
May-08	568.37	567.15	560.00
August-08	-	567.15	560.00
December-08	569.69	567.21	560.00

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

TABLE 3.5F

1190 SERIES PIEZOMETERS WATER LEVELS-2008
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1) / *Date*	1194 *(ft. AMSL)*	1193 *(ft. AMSL)*	1192 *(ft. AMSL)*	1191 *(ft. AMSL)*	1190 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	564.94	565.94	564.92	565.61	565.23	554.80
May-08	564.40	565.64	564.35	565.61	568.41	554.80
August-08	564.33	565.82	564.33	565.64	568.58	554.80
December-08	565.62	566.44	565.52	565.67	568.35	554.80

B WELLS

Well (1) / *Date*	1194 *(ft. AMSL)*	1193 *(ft. AMSL)*	1192 *(ft. AMSL)*	1191 *(ft. AMSL)*	1190 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	569.84	568.63	568.47	564.90	560.82	554.80
May-08	569.88	568.60	568.46	565.00	561.57	554.80
August-08	569.13	568.99	568.86	565.19	560.37	554.80
December-08	570.59	569.02	568.78	564.98	561.34	554.80

C WELLS

Well (1) / *Date*	1194 *(ft. AMSL)*	1193 *(ft. AMSL)*	1192 *(ft. AMSL)*	1191 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	575.07	570.62	571.69	564.85	554.80
May-08	573.86	571.00	571.78	565.09	554.80
August-08	572.66	571.10	572.23	564.48	554.80
December-08	574.87	570.81	572.05	564.69	554.80

D WELLS

Well (1) / *Date*	1194 *(ft. AMSL)*	1193 *(ft. AMSL)*	Tile Drain *(ft. AMSL)*
March-08	573.42	571.62	554.80
May-08	573.44	572.00	554.80
August-08	572.16	571.57	554.80
December-08	574.45	571.80	554.80

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

TABLE 4.1

2008 LOVE CANAL MAINTENANCE AND ACTIVITIES
GLENN SPRINGS HOLDINGS, INC.

- Annual inspection of the back-flow preventers.
- Opened manway to storage tank.
- Installation of level transmitter at PC1.
- Calibration of meters.
- Calibration of all instruments.
- Repair to hydrogen peroxide pump.
- Calibration of flow meter for PC3A.
- Calibration of level transmitter for PC2A.
- Preventative maintenance, adjustment, and cleaning of level controller at WWC.
- Preventative maintenance and cleaning of transmitter at WWC.
- Repair to raw water feed pump.
- Calibration of treatment system effluent flow meter.
- Fabrication of control box for Grundfos pump.
- Preventative maintenance on treatment system effluent flow meter.
- Preventative maintenance on level transmitter for the raw water tank.
- Preventative maintenance on flow transmitter for the raw water tank.
- Preventative maintenance on level transmitter for filter feed tank.
- Power ran for new air conditioning system.
- Lights replaced in the drum barn.
- Installation of new 10-hp motor in filter feed pump.
- Front gate repair.
- Maintenance of flower beds and shrubs along Colvin Boulevard and Frontier Avenue.

APPENDIX A

ANALYTICAL RESULTS AND QA/QC REVIEW
LONG-TERM MONITORING PROGRAM
LOVE CANAL
JUNE/JULY 2008

CONESTOGA-ROVERS
& ASSOCIATES

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c.c.: Dennis Hoyt; Kathy Willy
E-Mail and Hard Copy if Requested

ANALYTICAL RESULTS AND QA/QC REVIEW
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

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1.0 INTRODUCTION

Forty-five (45) groundwater samples (including three field duplicates, two rinse blanks and nine (9) trip blanks) were collected in support of the Long-Term Monitoring Program (LTMP) Love Canal Site in Niagara Falls, New York (Site), in June/July 2008. The samples were submitted to CompuChem Laboratory, located in Cary, NC, and analyzed for site-specific volatiles, semi-volatiles, and pesticides/polychlorinated biphenyls (PCBs). A sample collection and analysis summary is presented in Table 1.

The analytical results are presented in Table 2. Tentatively Identified Compounds (TICs) were reviewed and a summary is presented in Attachment A. Copies of the Chains of Custody are included in Attachment B. The quality assurance/quality control (QA/QC) criteria by which these data have been assessed are outlined in Methods 95-1, 95-2, and 95-3, referenced from the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) (10/95 Rev.) and the "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999.

All raw data including calibration, spike, and duplicate and blank results were assessed.

2.0 QA/QC REVIEW

2.1 HOLDING TIMES

Based upon criteria outlined in the NYSDEC ASP, the following holding time requirements were used:

Volatile Organic Compounds (VOCs)	10 days from Verified Time of Sample Receipt (VTSR) to analysis (preserved pH<2; HCl)
Semi-Volatile Organic Compounds (SVOCs)	5 days from VTSR to extraction; 40 days from extraction to analysis
Pesticides/PCBs	5 days from VTSR to extraction; 40 days from extraction to analysis

All holding time criteria were met for all sample preparation and analysis. All samples were properly preserved and received at the laboratory at 4°C (±2°C).

2.2 INSTRUMENT CALIBRATION

Gas Chromatograph/Mass Spectrometer (GC/MS) - VOCs and SVOCs

The GC/MS instrumentation was properly tuned prior to sample analysis. Initial calibration data showed adequate instrument sensitivity and calibration curves showed acceptable linearity for all compounds of interest with the exception of acetone, 2-hexanone and vinyl acetate. All associated sample results were qualified as estimated (see Table 3).

All continuing calibration standards showed adequate instrument sensitivity. Various VOC continuing calibration standard results indicated variability in instrument response. All associated sample results were qualified as estimated (see Table 4).

Gas Chromatograph (GC) - Pesticides/PCBs

Initial and continuing calibration data showed adequate instrument sensitivity, linearity, and resolution. All retention times fell within the established retention time windows.

2.3 INTERNAL STANDARD RECOVERIES - VOCs AND SVOCs

The proper internal standard compounds were added to all samples, blanks, and blank spike samples prior to VOC and SVOC analyses. All internal standard recoveries were acceptable and properly used to calculate all positive sample results.

2.4 SURROGATE COMPOUND ANALYSES

Surrogates were added to all samples, blanks, and QC samples prior to extraction and/or analysis.

All surrogate recoveries met the method acceptance criteria.

2.5 METHOD BLANK ANALYSES

Method blanks were analyzed and/or extracted at the proper frequency for all parameters. Generally, results were non-detect with the exception of some low level VOC and SVOC concentrations detected in some of the method blanks. All associated

positive sample results with similar concentrations to the concentrations detected in the blanks were qualified as non-detect (see Table 5).

2.6 BLANK SPIKE/BLANK SPIKE DUPLICATES

Blank spikes/blank spike duplicates were prepared and/or analyzed using representative compounds for all parameters.

All spike recoveries showed acceptable analytical accuracy and precision with the following exceptions:

i) various pesticide and volatile recoveries exhibited variability between the original and duplicate. All associated sample results were qualified as estimated (see Table 6).

2.7 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

MS/MSDs were prepared and/or analyzed with each batch of samples.

All spike recoveries showed acceptable analytical accuracy and precision with the exception of a low acetone recovery in the MS/MSD of sample LC-10225C-608. The sample result has been qualified as estimated (see Table 7).

2.8 FIELD QA/QC

Field Duplicate Analyses

Three samples were collected in duplicate and submitted to the laboratory for analysis as summarized in Table 1. All field duplicate results showed acceptable comparability with the original sample results indicating acceptable analytical and field precision.

Trip Blanks

Trip blanks were collected and analyzed for Site-specific VOCs. Low level concentrations of carbon disulfide and acetone were observed. All sample results with similar concentrations as in the blanks, were qualified as non-detect (see Table 8).

Field Blanks

Two rinse blanks were collected and analyzed with the samples as summarized in Table 1. All results were non-detect for all analytes of interest with the exception of alpha-BHC and gamma-BHC. All associated sample results with similar concentrations as in the blanks, were qualified as non-detect (see Table 9).

2.9 GENERAL COMMENTS

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 10). The associated data were qualified as estimated to reflect the implied variability.

2.10 TENTATIVELY IDENTIFIED COMPOUNDS (TICs)

TICs were evaluated for all samples submitted for volatile and semi-volatile analyses. A summary of the TICs reported and the estimated concentrations is presented in Attachment A. TICs which were present in the blanks or which were identified as aldol condensation products and/or siloxanes have been eliminated.

3.0 CONCLUSION

Based on this QA/QC review, these data were judged acceptable with the qualifications and exceptions noted.

TABLES

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

				Analysis/Parameters			
Sample I.D.	*Location I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*SVOCs*	*Pesticides/PCBs*	*Comments*
LC-9205-608	9205	06/24/08	10:50	X	X	X	
LC-3257-608	3257	06/24/08	10:00	X	X	X	
LC-8106-608	8106	06/24/08	9:40	X	X	X	
LC-5221-608	5221	06/24/08	12:20	X	X	X	
LC-10205-608	10205	06/24/08	11:25	X	X	X	
LC-Trip1-608	Trip Blank	06/10/08	-	X			Trip Blank
LC-Trip2-608	Trip Blank	06/12/08	-	X			Trip Blank
LC-5222-608	5222	06/12/08	9:50	X	X	X	
LC-7205-608	7205	06/10/08	12:05	X	X	X	
LC-8210-608	8210	07/23/08	11:15	X	X	X	
LC-9210-608	9210	07/18/08	8:00	X	X	X	
LC-10210A-608	10210A	07/17/08	9:15	X	X	X	
LC-10210B-608	10210B	07/17/08	9:45	X	X	X	
LC-10210C-608	10210C	07/16/08	11:15	X	X	X	MS/MSD
LC-10225A-608	10225A	07/17/08	10:20	X	X	X	
LC-10225B-608	10225B	07/17/08	11:00	X	X	X	
LC-10225C-608	10225C	07/16/08	12:15	X	X	X	MS/MSD
LC-10272-608	10272	07/22/08	10:20	X	X	X	
LC-10278-608	10278	07/22/08	10:55	X	X	X	
LC-7115-608	711	06/12/08	10:30	X	X	X	
LC-7125-608	7125	06/10/08	10:00	X	X	X	MS/MSD
LC-8115-608	8115	06/09/08	9:55	X	X	X	
LC-8125-608	8125	06/09/08	12:00	X	X	X	
LC-9105-608	9105	06/09/08	10:30	X	X	X	
LC-9113-608	9113	06/09/08	11:55	X	X	X	
LC-10178A-608	10178A	07/23/08	10:40	X	X	X	
LC-6209-608	6209	06/12/08	10:45	X	X	X	
LC-10215-608	10215	07/18/08	9:30	X	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

				Analysis/Parameters			
Sample I.D.	*Location I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*SVOCs*	*Pesticides/PCBs*	*Comments*
LC-10270-608	10270	07/22/08	9:50	X	X	X	MS/MSD
LC-7130-608	7130	06/12/08	9:45	X	X	X	
LC-7132-608	7132	06/10/08	11:50	X	X	X	
LC-9118-608	9118	06/10/08	9:50	X	X	X	
LC-10135-608	10135	07/23/08	11:50	X	X	X	
LC-Trip3-608	Trip Blank	05/19/08	-	X			Trip Blank
LC-Trip4-608	Trip Blank	06/24/08	-	X			Trip Blank
LC-Trip5-608	Trip Blank	07/16/08	-	X			Trip Blank
LC-Trip6-608	Trip Blank	07/17/08	-	X			Trip Blank
LC-Trip7-608	Trip Blank	07/18/08	-	X			Trip Blank
LC-Trip8-608	Trip Blank	07/22/08	-	X			Trip Blank
LC-Trip9-608	Trip Blank	07/23/08	-	X			Trip Blank
LC-8225-608	10225A	07/17/08	8:30	X	X	X	Field duplicate of sample LC-10225A-608
LC-8205-608	9118	06/10/08	8:00	X	X	X	Field duplicate of sample LC-9118-608
LC-8215-608	9210	07/18/08	9:00	X	X	X	Field duplicate of sample LC-9210-608
LC-RINSE1-608	Rinse Blank	07/22/08	9:10	X	X	X	Rinse Blank
LC-RINSE2-608	Rinse Blank	07/23/08	7:00	X	X	X	Rinse Blank

Notes:

MS	Matrix Spike.
MSD	Matrix Spike Duplicate.
PCBs	Polychlorinated Biphenyls.
SVOCs	Semi-Volatile Organic Compounds.
VOCs	Volatile Organic Compounds.

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

	Sample Location:	*3257*	*5221*	*5222*	*6209*	*7115*	*7125*	*7130*	*7132*	*7205*
	Sample ID:	*LC-3257-608*	*LC-5221-608*	*LC-5222-608*	*LC-6209-608*	*LC-7115-608*	*LC-7125-608*	*LC-7130-608*	*LC-7132-608*	*LC-7205-608*
	Sample Date:	*6/24/2008*	*6/24/2008*	*6/12/2008*	*6/12/2008*	*6/12/2008*	*6/10/2008*	*6/12/2008*	*6/10/2008*	*6/10/2008*
Parameters	*Units*									
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 UJ	10 U	3 J	10 U	10 UJ	10 U	10 UJ
Benzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ	10 U	10 UJ
Vinyl chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

	Sample Location:	3257	5221	5222	6209	7115	7125	7130	7132	7205
	Sample ID:	LC-3257-608	LC-5221-608	LC-5222-608	LC-6209-608	LC-7115-608	LC-7125-608	LC-7130-608	LC-7132-608	LC-7205-608
	Sample Date:	6/24/2008	6/24/2008	6/12/2008	6/12/2008	6/12/2008	6/10/2008	6/12/2008	6/10/2008	6/10/2008
Parameters	*Units*									
Semi-volatile Organic Compounds										
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

	Sample Location:	*3257*	*5221*	*5222*	*6209*	*7115*	*7125*	*7130*	*7132*	*7205*
	Sample ID:	*LC-3257-608*	*LC-5221-608*	*LC-5222-608*	*LC-6209-608*	*LC-7115-608*	*LC-7125-608*	*LC-7130-608*	*LC-7132-608*	*LC-7205-608*
	Sample Date:	*6/24/2008*	*6/24/2008*	*6/12/2008*	*6/12/2008*	*6/12/2008*	*6/10/2008*	*6/12/2008*	*6/10/2008*	*6/10/2008*
Parameters	*Units*									
Semi-volatile Organic Compounds (Cont'd.)										
Benzyl Alcohol	µg/L	4 J	5 J	6 J	3 J	4 J	24 U	4 J	10 U	17 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pesticides										
4,4'-DDD	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	µg/L	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 U	0.10 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 UJ	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.33	0.050 U	0.011 J	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

	Sample Location:	*3257*	*5221*	*5222*	*6209*	*7115*	*7125*	*7130*	*7132*	*7205*
	Sample ID:	*LC-3257-608*	*LC-5221-608*	*LC-5222-608*	*LC-6209-608*	*LC-7115-608*	*LC-7125-608*	*LC-7130-608*	*LC-7132-608*	*LC-7205-608*
	Sample Date:	*6/24/2008*	*6/24/2008*	*6/12/2008*	*6/12/2008*	*6/12/2008*	*6/10/2008*	*6/12/2008*	*6/10/2008*	*6/10/2008*
Parameters	*Units*									
Pesticides (Cont'd.)										
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L	0.050 U	0.050 U	0.021 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 U	0.10 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan sulfate	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	µg/L	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 U	0.10 U
Endrin ketone	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	µg/L	0.050 UJ	0.050 UJ	0.026 J	0.050 UJ	0.050 UJ	0.050 U	0.050 UJ	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 UJ	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

	Sample Location:	*8106*	*8115*	*8125*	*8210*	*9105*	*9113*	*9118*	*9118*	*9205*
	Sample ID:	*LC-8106-608*	*LC-8115-608*	*LC-8125-608*	*LC-8210-608*	*LC-9105-608*	*LC-9113-608*	*LC-9118-608*	*LC-8205-608*	*LC-9205-608*
	Sample Date:	*6/24/2008*	*6/9/2008*	*6/9/2008*	*7/23/2008*	*6/9/2008*	*6/9/2008*	*6/10/2008*	*6/10/2008 (Duplicate)*	*6/24/2008*
Parameters	*Units*									
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	*Units*	*Sample Location:* 8106 *Sample ID:* LC-8106-608 *Sample Date:* 6/24/2008	8115 LC-8115-608 6/9/2008	8125 LC-8125-608 6/9/2008	8210 LC-8210-608 7/23/2008	9105 LC-9105-608 6/9/2008	9113 LC-9113-608 6/9/2008	9118 LC-9118-608 6/10/2008	9118 LC-8205-608 6/10/2008 (Duplicate)	9205 LC-9205-608 6/24/2008
Semi-volatile Organic Compounds										
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	*Units*	*Sample Location:* 8106 *Sample ID:* LC-8106-608 *Sample Date:* 6/24/2008	*Sample Location:* 8115 *Sample ID:* LC-8115-608 *Sample Date:* 6/9/2008	*Sample Location:* 8125 *Sample ID:* LC-8125-608 *Sample Date:* 6/9/2008	*Sample Location:* 8210 *Sample ID:* LC-8210-608 *Sample Date:* 7/23/2008	*Sample Location:* 9105 *Sample ID:* LC-9105-608 *Sample Date:* 6/9/2008	*Sample Location:* 9113 *Sample ID:* LC-9113-608 *Sample Date:* 6/9/2008	*Sample Location:* 9118 *Sample ID:* LC-9118-608 *Sample Date:* 6/10/2008	*Sample Location:* 9118 *Sample ID:* LC-8205-608 *Sample Date:* 6/10/2008 (Duplicate)	*Sample Location:* 9205 *Sample ID:* LC-9205-608 *Sample Date:* 6/24/2008
Semi-volatile Organic Compounds (Cont'd.)										
Benzyl Alcohol	µg/L	3 J	10 U	11 U	10 U	10 U	10 U	10 U	10 U	4 J
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	3 J
Butyl benzylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pesticides										
4,4'-DDD	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.025 J	0.050 U
alpha-Chlordane	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	Units	Sample Location: 8106 Sample ID: LC-8106-608 Sample Date: 6/24/2008	8115 LC-8115-608 6/9/2008	8125 LC-8125-608 6/9/2008	8210 LC-8210-608 7/23/2008	9105 LC-9105-608 6/9/2008	9113 LC-9113-608 6/9/2008	9118 LC-9118-608 6/10/2008	9118 LC-8205-608 6/10/2008 (Duplicate)	9205 LC-9205-608 6/24/2008
Pesticides (Cont'd.)										
Aroclor-1221 (PCB-1221)	µg/L	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.051 U	0.050 U	0.050 U	0.023 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan sulfate	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	µg/L	0.051 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ
gamma-Chlordane	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.051 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.51 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	µg/L	5.1 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	Units	*Sample Location:* 9210	9210	10135	10178A	10205	10210A	10210B	10210C
		Sample ID: LC-9210-608	LC-8215-608	LC-10135-608	LC-10178A-608	LC-10205-608	LC-10210A-608	LC-10210B-608	LC-10210C-608
		Sample Date: 7/18/2008	7/18/2008 (Duplicate)	7/23/2008	7/23/2008	6/24/2008	7/17/2008	7/17/2008	7/16/2008
Volatile Organic Compounds									
1,1,1-Trichloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 UJ	10 UJ	100 UJ	10 UJ	10 U	10 UJ	10 UJ	10 UJ
Benzene	µg/L	10 U	10 U	5300	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	3 J	3 J	100 U	10 U	10 U	24	10 U	2 J
Carbon tetrachloride	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	1400	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	99 J	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	10 U	100 UJ	10 UJ	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	10 U	10 U	79 J	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Styrene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	13000	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	32 J	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	27 J	10 U	10 U	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	µg/L	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	*Units*	*Sample Location:* 9210 *Sample ID:* LC-9210-608 *Sample Date:* 7/18/2008	*Sample Location:* 9210 *Sample ID:* LC-8215-608 *Sample Date:* 7/18/2008 (Duplicate)	*Sample Location:* 10135 *Sample ID:* LC-10135-608 *Sample Date:* 7/23/2008	*Sample Location:* 10178A *Sample ID:* LC-10178A-608 *Sample Date:* 7/23/2008	*Sample Location:* 10205 *Sample ID:* LC-10205-608 *Sample Date:* 6/24/2008	*Sample Location:* 10210A *Sample ID:* LC-10210A-608 *Sample Date:* 7/17/2008	*Sample Location:* 10210B *Sample ID:* LC-10210B-608 *Sample Date:* 7/17/2008	*Sample Location:* 10210C *Sample ID:* LC-10210C-608 *Sample Date:* 7/16/2008
Semi-volatile Organic Compounds									
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	28	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 J	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	24	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	6 J	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	150	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	17 J	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	140	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	26	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	10 U	10 U	110	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	7600 J	50 UJ	50 U	50 U	50 U	50 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	Units	Sample Location: 9210 Sample ID: LC-9210-608 Sample Date: 7/18/2008	9210 LC-8215-608 7/18/2008 (Duplicate)	10135 LC-10135-608 7/23/2008	10178A LC-10178A-608 7/23/2008	10205 LC-10205-608 6/24/2008	10210A LC-10210A-608 7/17/2008	10210B LC-10210B-608 7/17/2008	10210C LC-10210C-608 7/16/2008
Semi-volatile Organic Compounds (Cont'd.)									
Benzyl Alcohol	µg/L	10 U	10 U	38	10 U	3 J	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	16 J	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	8 J	10 U	23 U	3 J	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	25 U	25 U	57 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	96	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	23 U	10 U	10 U	10 U	10 U	10 U
Pesticides									
4,4'-DDD	µg/L	0.10 U	0.10 U	0.13 J	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	µg/L	0.050 U	0.050 U	0.052 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	17	0.050 U	0.052	0.096 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.23 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	Units	Sample Location: 9210 Sample ID: LC-9210-608 Sample Date: 7/18/2008	Sample Location: 9210 Sample ID: LC-8215-608 Sample Date: 7/18/2008 (Duplicate)	Sample Location: 10135 Sample ID: LC-10135-608 Sample Date: 7/23/2008	Sample Location: 10178A Sample ID: LC-10178A-608 Sample Date: 7/23/2008	Sample Location: 10205 Sample ID: LC-10205-608 Sample Date: 6/24/2008	Sample Location: 10210A Sample ID: LC-10210A-608 Sample Date: 7/17/2008	Sample Location: 10210B Sample ID: LC-10210B-608 Sample Date: 7/17/2008	Sample Location: 10210C Sample ID: LC-10210C-608 Sample Date: 7/16/2008
Pesticides (Cont'd.)									
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	9.1 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	4.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L	0.050 U	0.050 U	4.4	0.050 U	0.050 U	0.015 J	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	6.3	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.23 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan sulfate	µg/L	0.10 U	0.10 U	0.37 J	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	µg/L	0.10 U	0.10 U	0.45 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	µg/L	0.050 U	0.050 U	2	0.050 U	0.050 UJ	0.050 U	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.23 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.19 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.13 J	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.50 U	0.50 U	2.3 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	µg/L	5.0 U	5.0 U	23 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

	Sample Location:	*10215*	*10225A*	*10225A*	*10225B*	*10225C*	*10270*	*10272*	*10278*
	Sample ID:	*LC-10215-608*	*LC-10225A-608*	*LC-8225-608*	*LC-10225B-608*	*LC-10225C-608*	*LC-10270-608*	*LC-10272-608*	*LC-10278-608*
	Sample Date:	*7/18/2008*	*7/17/2008*	*7/17/2008 (Duplicate)*	*7/17/2008*	*7/16/2008*	*7/22/2008*	*7/22/2008*	*7/22/2008*
Parameters	*Units*								
Volatile Organic Compounds									
1,1,1-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 UJ	11 UJ	12 UJ	12 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	2 J	38	34	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	27	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
cis-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	10 U	10 U	10 U	10 U	10 U	3 J	3 J	3 J
Styrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	10 U	10 U	5 J	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	*Units*	*Sample Location:* 10215 *Sample ID:* LC-10215-608 *Sample Date:* 7/18/2008	*10225A* *LC-10225A-608* *7/17/2008*	*10225A* *LC-8225-608* *7/17/2008* *(Duplicate)*	*10225B* *LC-10225B-608* *7/17/2008*	*10225C* *LC-10225C-608* *7/16/2008*	*10270* *LC-10270-608* *7/22/2008*	*10272* *LC-10272-608* *7/22/2008*	*10278* *LC-10278-608* *7/22/2008*
Semi-volatile Organic Compounds									
1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	4 J	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 UJ
2,4-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	µg/L	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	*Units*	*Sample Location:* 10215 *Sample ID:* LC-10215-608 *Sample Date:* 7/18/2008	*10225A* *LC-10225A-608* *7/17/2008*	*10225A* *LC-8225-608* *7/17/2008* *(Duplicate)*	*10225B* *LC-10225B-608* *7/17/2008*	*10225C* *LC-10225C-608* *7/16/2008*	*10270* *LC-10270-608* *7/22/2008*	*10272* *LC-10272-608* *7/22/2008*	*10278* *LC-10278-608* *7/22/2008*
Semi-volatile Organic Compounds (Cont'd.)									
Benzyl Alcohol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 UJ
Phenanthrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pesticides									
4,4'-DDD	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016 (PCB-1016)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameters	*Units*	*Sample Location:* *10215* *Sample ID:* *LC-10215-608* *Sample Date:* *7/18/2008*	*10225A* *LC-10225A-608* *7/17/2008*	*10225A* *LC-8225-608* *7/17/2008* *(Duplicate)*	*10225B* *LC-10225B-608* *7/17/2008*	*10225C* *LC-10225C-608* *7/16/2008*	*10270* *LC-10270-608* *7/22/2008*	*10272* *LC-10272-608* *7/22/2008*	*10278* *LC-10278-608* *7/22/2008*
Pesticides (Cont'd.)									
Aroclor-1221 (PCB-1221)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232 (PCB-1232)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242 (PCB-1242)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248 (PCB-1248)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254 (PCB-1254)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260 (PCB-1260)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan sulfate	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	µg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes:

J Estimated concentration.

U Not present at or above the associated value.

UJ Estimated reporting limit.

TABLE 3

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Compound*	*Calibration Date*	*RSD*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	2-Hexanone	06/12/08	36	LC-6209-608	10 UJ	µg/L
				LC-7115-608	10 UJ	µg/L
				LC-7132-608	10 UJ	µg/L
				LC-8115-608	10 UJ	µg/L
				LC-8125-608	10 UJ	µg/L
				LC-8205-608	10 UJ	µg/L
				LC-9105-608	10 UJ	µg/L
				LC-9113-608	10 UJ	µg/L
				LC-9118-608	10 UJ	µg/L
VOCs	Vinyl acetate	06/16/08	39	LC-5222-608	10 UJ	µg/L
				LC-7125-608	10 UJ	µg/L
				LC-7130-608	10 UJ	µg/L
				LC-7205-608	10 UJ	µg/L
VOCs	Acetone	06/16/08	31	LC-5222-608	10 UJ	µg/L
				LC-7125-608	10 UJ	µg/L
				LC-7130-608	10 UJ	µg/L
				LC-7205-608	10 UJ	µg/L
VOCs	2-Hexanone	06/16/08	38	LC-5222-608	10 UJ	µg/L
				LC-7125-608	10 UJ	µg/L
				LC-7130-608	10 UJ	µg/L
				LC-7205-608	10 UJ	µg/L
VOCs	Acetone	07/01/08	46	LC-10205-608	10 UJ	µg/L
				LC-3257-608	10 UJ	µg/L
				LC-5221-608	10 UJ	µg/L
				LC-8106-608	10 UJ	µg/L
				LC-9205-608	10 UJ	µg/L
VOCs	Acetone	07/10/08	39	LC-10210A-608	10 UJ	µg/L
				LC-10210B-608	10 UJ	µg/L
				LC-10215-608	10 UJ	µg/L

TABLE 3

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Compound*	*Calibration Date*	*RSD*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	Acetone	07/10/08	39	LC-10225A-608	11 UJ	µg/L
				LC-10225B-608	12 UJ	µg/L
				LC-10225C-608	10 UJ	µg/L
				LC-10270-608	10 UJ	µg/L
				LC-10272-608	10 UJ	µg/L
				LC-10278-608	10 UJ	µg/L
				LC-8215-608	10 UJ	µg/L
				LC-8225-608	12 UJ	µg/L
				LC-9210-608	10 UJ	µg/L
				LC-10135-608	63 *	µg/L
				LC-10135-608	380 *	µg/L
				LC-10178A-608	5 *	µg/L
				LC-10210C-608	6 *	µg/L
				LC-8210-608	5 *	µg/L

Notes:

*	Previously qualified as estimated.
RSD	Relative Standard Deviation.
UJ	Estimated reporting limit.
VOCs	Volatile Organic Compounds.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Calibration Date*	*Compound*	*%D*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	07/31/08	Chloromethane	34	LC-10270-608	10 UJ	µg/L
				LC-10272-608	10 UJ	µg/L
				LC-10278-608	10 UJ	µg/L
				LC-10135-608	100 UJ	µg/L
				LC-10135-608	830 UJ	µg/L
				LC-10178A-608	10 UJ	µg/L
				LC-8210-608	10 UJ	µg/L
VOCs	07/31/08	Acetone	52	LC-10270-608	10 UJ	µg/L
				LC-10272-608	10 UJ	µg/L
				LC-10278-608	10 UJ	µg/L
				LC-10135-608	63 *	µg/L
				LC-10135-608	380 *	µg/L
				LC-10178A-608	5 *	µg/L
				LC-8210-608	5 *	µg/L
VOCs	07/31/08	2-Butanone	30	LC-10270-608	10 UJ	µg/L
				LC-10272-608	10 UJ	µg/L
				LC-10278-608	10 UJ	µg/L
				LC-10135-608	100 UJ	µg/L
				LC-10135-608	830 UJ	µg/L
				LC-10178A-608	10 UJ	µg/L
				LC-8210-608	10 UJ	µg/L
VOCs	08/04/08	2,4-Dinitrophenol	34	LC-10278-608	25 UJ	µg/L
VOCs	08/04/08	Pentachlorophenol	34	LC-10278-608	25 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Calibration Date*	*Compound*	*%D*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	08/03/08	Benzoic acid	36	LC-10270-608	50 UJ	µg/L
				LC-10272-608	50 UJ	µg/L
				LC-10278-608	50 UJ	µg/L
				LC-10178A-608	50 UJ	µg/L
				LC-8210-608	50 UJ	µg/L
VOCs	08/04/08	Benzoic acid	59	LC-10135-608	7600 J	µg/L

Notes:

*	Previously qualified as estimated.
%D	Percent Difference.
J	Estimated concentration.
UJ	Estimated reporting limit.
VOCs	Volatile Organic Compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
SVOCs	06/11/08	Benzyl alcohol	10	LC-7125-608	24 U	µg/L
				LC-7132-608	10 U	µg/L
				LC-7205-608	17 U	µg/L
				LC-8115-608	10 U	µg/L
				LC-8125-608	11 U	µg/L
				LC-8205-608	10 U	µg/L
				LC-9105-608	10 U	µg/L
				LC-9113-608	10 U	µg/L
				LC-9118-608	10 U	µg/L
VOCs	06/10/08	Acetone	3J	LC-7125-608	10 U	µg/L
VOCs	07/01/08	Acetone	5J	LC-10205-608	10 U	µg/L
				LC-3257-608	10 U	µg/L
				LC-5221-608	10 U	µg/L
				LC-8106-608	10 U	µg/L
				LC-9205-608	10 U	µg/L
VOCs	07/01/08	Methylene chloride	3J	LC-10205-608	10 U	µg/L
				LC-3257-608	10 U	µg/L
				LC-5221-608	10 U	µg/L
				LC-8106-608	10 U	µg/L
				LC-9205-608	10 U	µg/L
VOCs	07/22/08	Acetone	5J	LC-10210A-608	10 U	µg/L
				LC-10210B-608	10 U	µg/L
				LC-10215-608	10 U	µg/L
				LC-10225A-608	11 U	µg/L
				LC-10225B-608	12 U	µg/L
				LC-10225C-608	10 U	µg/L
				LC-8215-608	10 U	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	07/22/08	Acetone	5J	LC-8225-608	12 U	µg/L
				LC-9210-608	10 U	µg/L
				LC-10210C-608	10 U	µg/L
VOCs	07/22/08	Methylene chloride	2J	LC-10225A-608	10 U	µg/L
				LC-10225C-608	10 U	µg/L
				LC-8215-608	10 U	µg/L
				LC-9210-608	10 U	µg/L
				LC-10210C-608	10 U	µg/L
VOCs	07/31/08	Acetone	4J	LC-10270-608	10 U	µg/L
				LC-10272-608	10 U	µg/L
				LC-10278-608	10 U	µg/L
				LC-10135-608	100 U	µg/L
				LC-10135-608	830 U	µg/L
				LC-10178A-608	10 U	µg/L
				LC-8210-608	10 U	µg/L
VOCs	07/31/08	Methylene chloride	2J	LC-10135-608	10 U	µg/L
				LC-10135-608	10 U	µg/L
				LC-10178A-608	10 U	µg/L
				LC-8210-608	10 U	µg/L

Notes:

J	Estimated concentration.
SVOCs	Semi-Volatile Organic Compounds.
U	Not present at or above the associated value.
VOCs	Volatile Organic Compounds.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCSD %Rec*	*RPD (percent)*	*Control Limits*		*Qualified Sample Results*
							%Rec	*%RPD*	
Pesticide/PCB	gamma-BHC	06/16/08	LC-5222-608	50	74	39	56 - 123	15	0.026 *
			LC-6209-608						0.050 UJ
			LC-7115-608						0.050 UJ
			LC-7130-608						0.050 UJ
Pesticide/PCB	Heptachlor	06/16/08	LC-5222-608	50	72	36	40 - 131	20	0.050 UJ
			LC-6209-608						0.050 UJ
			LC-7115-608						0.050 UJ
			LC-7130-608						0.050 UJ
Pesticide/PCB	Aldrin	06/16/08	LC-5222-608	44	64	37	40 - 120	22	0.050 UJ
			LC-6209-608						0.050 UJ
			LC-7115-608						0.050 UJ
			LC-7130-608						0.050 UJ
Pesticide/PCB	Dieldrin	06/16/08	LC-5222-608	55	81	38	56 - 126	18	0.1 UJ
			LC-6209-608						0.1 UJ
			LC-7115-608						0.1 UJ
			LC-7130-608						0.1 UJ
Pesticide/PCB	Endrin	06/16/08	LC-5222-608	61	87	35	56 - 121	21	0.1 UJ
			LC-6209-608						0.1 UJ
			LC-7115-608						0.1 UJ
			LC-7130-608						0.1 UJ
Pesticide/PCB	4,4'-DDT	06/16/08	LC-5222-608	51	75	38	38 - 127	27	0.1 UJ
			LC-6209-608						0.1 UJ
			LC-7115-608						0.1 UJ
			LC-7130-608						0.1 UJ

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCSD %Rec*	*RPD (percent)*	*Control Limits*		*Qualified Sample Results*
							%Rec	*%RPD*	
Pesticide/PCB	gamma-BHC	06/30/08	LC-10205-608	68	58	16	56 - 123	15	0.050 UJ
			LC-3257-608						0.050 UJ
			LC-5221-608						0.050 UJ
			LC-8106-608						0.051 UJ
			LC-9205-608						0.050 UJ

Notes:

*	Previously qualified as estimated.
LCS	Laboratory Control Sample.
LCSD	Laboratory Control Sample Duplicate.
PCB	Polychlorinated Biphenyl.
RPD	Relative Percent Difference.

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
VOCs	LC-10225C-608	Acetone	46	48	4	50 - 150	40	4 *	µg/L
VOCs	LC-10210C-608	Acetone	44	46	4	50 - 150	40	6 *	µg/L

Notes
* Previously qualified as estimated.
MS Matrix Spike.
MSD Matrix Spike Duplicate.
RPD Relative Percent Difference.
VOCs Volatile Organic Compounds.

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Qualified Sample Result*	*Units*
VOCs	06/10/08	Acetone	3J	LC-7125-608	10 U	µg/L
VOCs	07/17/08	Carbon disulfide	4J	LC-10210B-608	10 U	µg/L
				LC-10225B-608	10 U	µg/L

Notes:

J	Estimated concentration.
U	Not present at or above the associated value.
VOCs	Volatile Organic Compounds.

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
Pesticide/PCB	07/22/08	alpha-BHC	0.098	LC-10210A-608	0.096 U	µg/L
				LC-10210B-608	0.05 U	µg/L
				LC-10225B-608	0.05 U	µg/L
				LC-10225C-608	0.05 U	µg/L
				LC-10272-608	0.05 U	µg/L
Pesticide/PCB	07/22/08	gamma-BHC	0.018J	LC-10210A-608	0.05 U	µg/L
VOCs	07/22/08	Benzyl alcohol	2J	LC-10210A-608	10 U	µg/L
				LC-10210B-608	10 U	µg/L
				LC-10215-608	10 U	µg/L
				LC-10225A-608	10 U	µg/L
				LC-10225B-608	10 U	µg/L
				LC-10225C-608	10 U	µg/L
				LC-8215-608	10 U	µg/L
				LC-8225-608	10 U	µg/L
				LC-9210-608	10 U	µg/L

Notes:

J	Estimated concentration.
U	Not present at or above the associated value.
PCB	Polychlorinated Biphenyl.
VOCs	Volatile Organic Compounds.

TABLE 10

QUALIFIED SAMPLE RESULTS DUE TO DIFFERENCES IN DUAL COLUMN RESULTS
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
JUNE/JULY 2008

Parameter	*Compound*	*Associated Sample ID*	*%D*	*Sample Results*		*Units*	*Reported Results*
				Column 1	*Column 2*		
Pesticide/PCB	beta-BHC	LC-10210A-608	127	0.034 J	0.015 J	µg/L	0.015J
Pesticide/PCB	Aldrin	LC-10135-608	323	0.22	0.052 J	µg/L	0.052J
	Endosulfan sulfate		73	0.64	0.37 J		0.37J

Notes:
%D Percent Difference.
J Estimated concentration.
PCB Polychlorinated Biphenyl.

ATTACHMENT A

TENTATIVE IDENTIFIED COMPOUNDS

ATTACHMENT A

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK
JUNE/JULY 2008

	Volatiles		*Semi-Volatiles*	
Sample ID	*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
LC-5222-608	Unknown	1400J	Unknown	20J
	-	-	Butylated hydroxytoluene	4J
	-	-	Cyclic octaatomic sulfur	390J
LC-6209-608	Unknown	94J	Unknown	16J
	Sulfur dioxide	510J	Butylated hydroxytoluene	7J
	Cyclotrisiloxane, hexamethyl	8J	Cyclic octaatomic sulfur	460J
	Cyclotetrasiloxane, octamethyl	590J	-	-
LC-7115-608	Unknown	7J	Unknown	35J
	-	-	Hexanedioic acid, bis(2-ethy	41J
	-	-	Unknown Carboxylic acid	20J
LC-7125-608	-	-	Cyclic octaatomic sulfur	9J
LC-7130-608	Unknown	660J	-	-
LC-7132-608	Cyclotetrasiloxane, octamethyl	12J	Cyclic octaatomic sulfur	9J
LC-7205-608	Sulfur dioxide	870J	Unknown	36J
	-	-	Cyclic octaatomic sulfur	300J
LC-8115-608	Cyclotetrasiloxane, octamethyl	8J	-	-
LC-8125-608	Cyclotetrasiloxane, octamethyl	12J	-	-
LC-8205-608	Cyclotetrasiloxane, octamethyl	15J	-	-

ATTACHMENT A

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK
JUNE/JULY 2008

	Volatiles		*Semi-Volatiles*	
Sample ID	*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
LC-9105-608	Unknown	107J	Hexanedioic acid, bis(2-ethy	4J
	Cyclotetrasiloxane, octamethyl	16J	-	-
LC-9113-608	Unknown	14J	-	-
LC-10205-608	-	-	Unknown	15J
	-	-	Cyclic octaatomic sulfur	83J
	-	-	Phenol, 2,4-bis(1,1-dimethyl	6J
LC-3257-608	-	-	Unknown	63J
	-	-	Cyclic octaatomic sulfur	610J
LC-5221-608	-	-	Unknown	9J
	-	-	Cyclic octaatomic sulfur	970J
LC-8106-608	-	-	Unknown	5J
LC-9205-608	-	-	Cyclic octaatomic sulfur	16J
LC-10210A-608	Unknown	523J	Unknown	29J
	Methanethiol	480J	Dimethyl trisulfide	52J
	Sulfur dioxide	380J	Phenol, 2,4-bis(1,1-dimethyl	2J
	Dimethyl sulfide	810J	Butylated hydroxytoluene	3J
	Ethane (methylthio)-	63J	Cyclic octaatomic sulfur	270J
	Disulfide, dimethyl	85J	-	-
	Dimethyl trisulfide	140J	-	-
	Sulfur dioxide	47J	-	-

ATTACHMENT A

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK
JUNE/JULY 2008

	Volatiles		*Semi-Volatiles*	
Sample ID	*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
LC-10210B-608	Unknown	720J	Unknown	24J
	Sulfur dioxide	410J	Butylated hydroxytoluene	5J
	-	-	Cyclic octaatomic sulfur	1800J
LC-10215-608	Sulfur dioxide	47J	Unknown	9J
	-	-	Cyclic octaatomic sulfur	1300J
LC-10225A-608	Unknown	210J	Unknown	35J
	Methanethiol	480J	Cyclic octaatomic sulfur	390J
	Dimethyl sulfide	720J	Dimethyl trisulfide	59J
	2-Propanethiol, 2-methyl-	9J	-	-
	Ethane, (methylthio)-	71J	-	-
	Methane, bromochloro-	32J	-	-
	Cyclohexane	7J	-	-
	Propane, 2-(methylthio)-	8J	-	-
	Propane, 1-(methylthio)-	6J	-	-
	Disulfide, dimethyl	74J	-	-
	Dimethyl trisulfide	62J	-	-
LC-10225B-608	Unknown	427J	Unknown	13J
	Sulfur dioxide	1200J	Butylated hydroxytoluene	2J
	Dimethyl sulfide	66J	Cyclic octaatomic sulfur	890J
LC-10225C-608	Unknown	11J	Unknown	4J
	Sulfur dioxide	34J	Cyclic octaatomic sulfur	300J
	Benzene, 1-chloro-2-(trifluo	7J	Benzene, 1-chloro-2-methyl-	3J
	Benzene, 1-chloro-2-methyl-	18J	Benzene, 1-chloro-4-methyl-	3J
	Benzene, 1,4-dichloro-	7J	-	-
	Benzene, 1,2-dichloro-	20J	-	-
	Benzene, 1,2,3-trichloro-	57J	-	-

ATTACHMENT A

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK
JUNE/JULY 2008

	Volatiles		*Semi-Volatiles*	
Sample ID	*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
LC-10270-608	Unknown	253J	Cyclic octaatomic sulfur	460J
LC-10272-608	Unknown	356J	Unknown	2J
	Sulfur dioxide	310J	Cyclic octaatomic sulfur	410J
LC-10278-608	Unknown	85J	Cyclic octaatomic sulfur	1300J
	Sulfur dioxide	650J	-	-
LC-8215-608	Unknown	200J	Unknown	2J
	Sulfur dioxide	1300J	Cyclic octaatomic sulfur	540J
LC-8225-608	Unknown	432J	Unknown	46J
	Sulfur dioxide	710J	Cyclic octaatomic sulfur	510J
	Methanethiol	500J	Dimethyl trisulfide	69J
	Dimethyl sulfide	1000J	-	-
	Ethane, (methylthio)-	99J	-	-
	Cyclohexane	10J	-	-
	Propane, 2-(methylthio)-	7J	-	-
	Propane, 1-(methylthio)-	6J	-	-
	Disulfide, dimethyl	81J	-	-
LC-9210-608	Sulfur dioxide	1400J	Unknown	4J
	-	-	Cyclic octaatomic sulfur	710J
LC-10135-608	Unknown	184J	Benzene, 1-chloro-2-methyl-	530J
	Benzene, 1-chloro-2-methyl-	10000J	Benzene, 1-chloro-4-methyl-	220J
	Benzene, 1-chloro-4-methyl-	6600J	Benzene, 1,3-dichloro-2-meth	150J
	Benzene, 1,4-dichloro-	200J	Benzene, 1,2-dichloro-4-meth	140J
	Benzene, 1,2-dichloro-	97J	Unknown	3421J

ATTACHMENT A

TENTATIVELY IDENTIFIED COMPOUNDS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK
JUNE/JULY 2008

	Volatiles		*Semi-Volatiles*	
Sample ID	*Compound*	*Estimated Concentration (µg/L)*	*Compound*	*Estimated Concentration (µg/L)*
LC-10135-608	Benzene, 1,2-dichloro-3-meth	860J	Parachlorophenol	5500J
	Benzene, 1,2-dichloro-4-meth	180J	Benzenemethanol, 2-chloro-	1600J
	Benzene, 1,2,3-trichloro-	81J	Exo-2-hydroxycineole	320J
LC-10135-608	-	-	Benzoic acid, 2-chloro-	690J
	-	-	Benzoic acid, 3-chloro-	240J
	-	-	Benzoic acid, 4-chloro-	4500J
	-	-	Benzeneamine, 2,4,5-trichloro	180J
	-	-	Phenol, 3,4-dichloro-	700J
	-	-	Benzoic acid, 4-benzoyl-	460J
LC-10178A-608	-	-	Unknown	3J
	-	-	Cyclic octaatomic sulfur	260J
	-	-	Cholesterol	15J
LC-10210C-608	Sulfur dioxide	1300J	Unknown	13J
	-	-	Cyclic octaatomic sulfur	1000J
LC-8210-608	Unknown	7J	Unknown	2J

Notes:

- Not applicable.
J Estimated concentration.

ATTACHMENT B

CHAIN OF CUSTODY DOCUMENT(S)

CHAIN-OF-CUSTODY/Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information
Laboratory: CompuChem Labs
Laboratory Location: 501 Madison Avenue Cary NC 27513
Laboratory Contact: Cathy Dover
Requested Due Date: TAT:
QA/QC Requirements:

Event Information
ID#: LC0609083-1
SSOW Ref#: 292-402-999-3100
Sampler Name:

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest	SVOC	VOA	Remarks
LC-9113-608	WG	06/09/2008	11:55	2	2	3	1551401
LC-8125-608	WG	06/09/2008	12:00	2	2	3	1551402
LC-9105-608	WG	06/09/2008	10:30	2	2	3	1551403
LC-8115-608	WG	06/09/2008	09:55	2	2	3	1551404
Total Bottles				8	8	12	Grand Total:28

Sample Condition

Temp in C	0.7 & 1.6 °C
Received on ice	(Y) N
Sealed Cooler	(Y) N
Samples Intact	(Y) N

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
UPS	2		6/9/08	14:05	Jennifer Dover	6/10/08	1020
AIRBILL#:							

1551405 *rec'd LC-Trip3-608 not listed on COC (vial)
6/9/08 –

SD
6/10/08

CHAIN-OF-CUSTODY/Analytical Request Document

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Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information
Laboratory: CompuChem
Laboratory Location: 501 Madison Avenue Cary, NC 27513
Laboratory Contact: Cathy Dover
Requested Due Date: TAT:
QA/QC Requirements:

Project Information
ID#: LC0610083-1
SSOW Ref#: 292-402-999-3100
Sampler Name:

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Condition

Temp in C	0.1, 0.3, 1.5 (1.5°C)
Received on ice	(Y)N
Sealed Cooler	(Y)N
Samples Intact	(Y)N

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest	SVOC	VOA	Remarks	
LC-7205-608	WG	06/10/2008	12:05	2	2	3		551407
LC-8205-608	WG	06/10/2008	08:00	2	2	3		551408
LC-Trip1-608	WG	06/10/2008	00:00			1		551411
LC-7125-608	WG	06/10/2008	10:00	6	6	9	ms/msd	551406
LC-9118-608	WG	06/10/2008	09:50	2	2	3		551409
LC-7132-608	WG	06/10/2008	11:50	2	2	3		551410
Total Bottles				14	14	22	Grand Total:50	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
UPS	3		6/10/08	14:00		6/11/08	9:20
AIRBILL#:							

13501

CHAIN-OF-CUSTODY/Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information	
Laboratory: CompuChem	
Laboratory Location:	
Laboratory Contact:	
Requested Due Date:	TAT:
QA/QC Requirements:	

Event Information
ID#: LC0612083-1
SSOW Ref#: 292-402-999-3100
Sampler Name:

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Condition

Temp in C	1.4, 2.6 °C, 2.0 °C
Received on ice	(Y)N
Sealed Cooler	(Y)N
Samples Intact	(Y)N

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest	SVOC	VOA	Remarks
LC-7115-608	WG	06/12/2008	10:30	2	2	3	1551412
LC-6209-608	WG	06/12/2008	10:45	2	2	3	1551413
LC-Trip2-608	WG	06/12/2008	00:00			1	1551416
LC-5222-608	WG	06/12/2008	09:50	2	2	3	1551414
LC-7130-608	WG	06/12/2008	09:45	2	2	3	1551415
Total Bottles				8	8	13	Grand Total:29

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
			6/12/08	17:00		6/13/08	925
AIRBILL#:							

CHAIN-OF-CUSTODY/Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information	
Laboratory: COMPUCHEM LABS	
Laboratory Location: 501 MADISON AVENUE CARY, NC 27513	
Laboratory Contact: CATHY DOVER	
Requested Due Date:	TAT:
QA/QC Requirements:	

Event Information	
ID#: LC0624083-1	
SSOW Ref#: 292-402-999-3100	
Sampler Name:	Tracy Blackmore

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest AL	SVOC AL	VOA 40 ml vial	Remarks
LC-10205-608	WG	06/24/2008	11:25	2	2	3	1563201
LC-5221-608	WG	06/24/2008	12:20	2	2	3	1563202
LC-3257-608	WG	06/24/2008	10:00	2	2	3	1563203 @ 6/25/08
LC-Trip4-608	WG	06/24/2008	00:00			1	1563204
LC-9205-608	WG	06/24/2008	10:50	2	2	3	1563205
LC-8106-608	WG	06/24/2008	09:40	2	2	3	
Total Bottles				10	10	16	Grand Total:36

Sample Condition

Temp in C	2.3°, 0.0°, 1.8°
Received on ice	(Y) N
Sealed Cooler	(Y) N
Samples Intact	(Y) N

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
UPS	3	Tracy Blackmore	6/24/08	1400	Dwight Dickerson	6-25-08	930
AIRBILL#:							

CHAIN-OF-CUSTODY/Analytical Request Document

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Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information
Laboratory: COMPUCHEM LABORATORIES, CARY, NC
Laboratory Location: 501 Madison Avenue Cary, NC. 27513
Laboratory Contact: Cathy Dover
Requested Due Date: TAT:
QA/QC Requirements:

Event Information
ID#: LC0717083-1
SSOW Ref#: 292-402-999-3100
Sampler Name: Troy Bluebaum

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Condition

Temp in C	1.9°, 0.8°
Received on ice	(Y)N
Sealed Cooler	(Y)N
Samples Intact	(Y)N

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest AL	SVOC AL	VOA 40 mL	Remarks	
LC-10210A-608	WG	07/17/2008	09:15	2	2	3		578403
LC-10210B-608	WG	07/17/2008	09:45	2	2	3		578404
LC-Trip6-608	WG	07/17/2008	00:00			1		578408
LC-8225-608	WG	07/17/2008	08:30	2	2	3		578405
LC-10225B-608	WG	07/17/2008	11:00	2	2	3		578406
LC-10225A-608	WG	07/17/2008	10:20	2	2	3		578407
Total Bottles				10	10	16	Grand Total:36	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
UPS	2	Troy Bluebaum	7-17-08	1200	Diane Boyd	7.18.08	935
AIRBILL#:							

All VOA samples have pea-size or larger airbubbles

CHAIN-OF-CUSTODY/Analytical Request Document

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Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information
Laboratory: CompuChem
Laboratory Location: 501 Madison Avenue Cary, NC 27513
Laboratory Contact: Cathy Dover
Requested Due Date: TAT:
QA/QC Requirements:

Event Information
ID#: LC0722083-1
SSOW Ref#: 292-402-999-3100
Sampler Name:

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest AL	SVOC AL	VOA 40 ml	Remarks	
LC-RINSE1-608	WG	07/22/2008	09:10	2	2	3		157843
LC-10270-608	WG	07/22/2008	09:50	6	6	9	MS/MSD	157844
LC-Trip8-608	WG	07/22/2008	00:00			1		157845
LC-10272-608	WG	07/22/2008	10:20	2	2	3		157845
LC-10278-608	WG	07/22/2008	10:55	2	2	3		157846
Total Bottles				12	12	19	Grand Total:43	

Sample Condition

Temp in C	0.9°, 2.3°, 1.6°
Received on Ice	(Y)N
Sealed Cooler	(Y)N
Samples Intact	(Y)N

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
UPS	3		7/22/08	16:30		7.23.08	945
AIRBILL#:							

CHAIN-OF-CUSTODY/Analytical Request Document

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Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information
Laboratory: COMPU-CHEM LABORATORY
Laboratory Location: 501 MADISON AVENUE CARY, NC 27513
Laboratory Contact: CATHY DOVER
Requested Due Date: TAT:
QA/QC Requirements:

Event Information
ID#: LC0716083-1
SSOW Ref#: 292-402-999-3100
Sampler Name: Tony Blackburn

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest	SVOC	VOA	Remarks	
LC-Trip5-608	WG	07/16/2008	00:00			1		1578402
LC-10225C-608	WG	07/16/2008	12:15	6	6	9	MS/MSD	1578401
LC-10210C-608	WG	07/16/2008	11:15	6	6	9	MS/MSD	1578501
Total Bottles				12	12	19	Grand Total:43	

Sample Condition

Temp in C	0.3, 2.0, 1.8°C
Received on Ice	(Y)/N
Sealed Cooler	(Y)/N
Samples Intact	(Y)/N

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
UPS	3	Tony Blackburn	7-16-08	Bill	Jennifer Dover	7/17/08	9:15
AIRBILL#:							

EVENT COMPLETE

CHAIN-OF-CUSTODY/Analytical Request Document
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Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information
Laboratory: CompuChem Labs
Laboratory Location: 501 Madison Avenue Cary, NC 27513
Laboratory Contact: Cathy Dover
Requested Due Date: TAT:
QA/QC Requirements:

Event Information
ID#: LC0723083-1
SSOW Ref#: 292-402-999-3100
Sampler Name: Lindsey Nyzio

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest 2-AL	SVOC 2-AL	VOA 3-40ml Vial	Remarks
LC-RINSE2-608	WG	07/23/2008	07:00	2	2	3	1578502
LC-Trip9-608	WG	07/23/2008	00:00			1	1578506
LC-8210-608	WG	07/23/2008	11:15	2	2	3	1578503
LC-10135-608	WG	07/23/2008	11:50	2	2	3	1578504
LC-10178A-608	WG	07/23/2008	10:40	2	2	3	1578505
Total Bottles				8	8	13	Grand Total:29

Sample Condition

Temp in C	2.1, 1.8°C temp blk.
Received on ice	Y/N
Sealed Cooler	Y/N
Samples Intact	Y/N

* Trip B. MR 7-24-08

* recd one broken 40ml vial in 23-24cf for LC-10135-608 CD 7/24/08

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
UPS	2	Lindsey Nyzio	7/23/08	1P	Robert Lewis	7-24-08	930
AIRBILL#:							

CHAIN-OF-CUSTODY/Analytical Request Document

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Client Information	
Glenn Springs Inc.	Report To: Susan Scrocchi
Love Canal	Copy To:
805 97th Street	
Niagara Falls, New York 14304	Invoice To:
Phone: 716/283-0111	PO:
Fax: 716/283-2856	Project Name: Love Canal Annual
Email: darrell_crockett@oxy.com	Project Number: 9954

Lab Information
Laboratory: COMPUCHEM LABORATORES, CARY, NC
Laboratory Location: 501 Madison Avenue Cary NC 27513
Laboratory Contact: Cathy Dover
Requested Due Date: TAT:
QA/QC Requirements:

Event Information
ID#: LC0718063-1
SSOW Ref#: 292-402-999-3100
Sampler Name: Tracy Blackmon

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Condition

Temp in C	2.4°C
Received on ice	(Y)N
Sealed Cooler	(Y)N
Samples Intact	(Y)N

Sample Identification	Matrix Code	Date Collected	Time Collected	Pest (4 L)	SVOC (4 L)	VOA (3-40 ml)	Remarks
LC-10215-608	WG	07/18/2008	09:30	2	2	3	1578409
LC-9210-608	WG	07/18/2008	08:00	2	2	3	10
LC-8215-608	WG	07/18/2008	09:00	2	2	3	11
LC-Trip7-608	WG	07/18/2008	00:00			1	12
Total Bottles				6	6	10	Grand Total:22

rec'd @ 2.4 °C

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
UPS	1	Tracy Blackmon	7-18-08	1000	Jennifer Dover	7/19/08	8:55
AIRBILL#:							