Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Clint Babcock
Project Manager
Direct Dial (972) 687-7506

5005 LBJ Freeway, Suite 1350
Dallas, TX 75244-6119
Facsimile (972) 687-7524

March 21, 2008

Mr. Gerald J Rider, P.E.
Chief, Operation, Maintenance and Support Section
New York State Department of Environmental Conservation
Bureau of Water Compliance Programs
625 Broadway, 4th Floor
Albany, NY 12233-3056

Re: Love Canal 2007 Annual Report

Dear Mr. Rider:

On behalf of Occidental Chemical Corporation, enclosed are three (3) copies of:

- Love Canal 2007 Annual Report; and
- Love Canal 2007 Operations/Monitoring Report

The Annual Report is a brief summary of the Operation/Monitoring Report that we distribute to individuals on the mailing list, in accordance with Section 4. of Appendix B of the Consent Judgment between Occidental Chemical Corporation (OCC) and the State of New York.

An electronic copy of the full text, figures and tables associated with this report are included on the attached CD as Adobe Acrobat pdf files. If you have any questions please do not hesitate to call.

Sincerely,

Clinton J Babcock

Clint Babcock

c.c.
D. Duda, EPA Region 2
G. Sutton NYSDEC Region 9
M. Basile EPA Public Information Office
B. Downie, GSHI
S. Parkhill GSHI

2007 OPERATION/MONITORING REPORT
OCCIDENTAL CHEMICAL CORPORATION

LOVE CANAL SITE

NIAGARA FALLS, NY

Glenn Springs Holdings, Inc.

TABLE OF CONTENTS

Page

LIST OF FIGURES
(Attached)

LIST OF TABLES
(Attached)

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. This report is the thirteenth annual report prepared by or on behalf of OxyChem and covers operating and monitoring activities for 2007.

Love Canal Site.
Located the South East end of the City of Niagara Falls, NY, one-eighth mile north of the Niagara River.

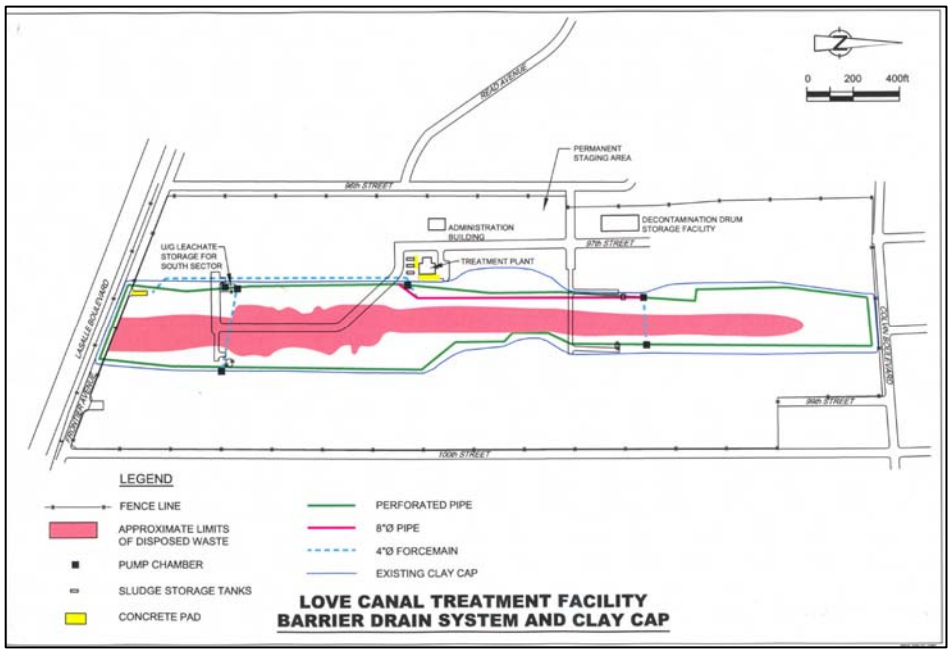
2.0 REMEDIAL SYSTEMS

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 SYSTEMS

2.1.1 Barrier Drain System

There was no major maintenance performed on the Barrier Drain system during the year. 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. The City reissued the wastewater discharge permit to OxyChem for another five years. The permit is valid from January 6, 2005 through January 6, 2010.

One carbon bed (V1, 20,000 lbs. of activated carbon) was changed during 2007.

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 2007):

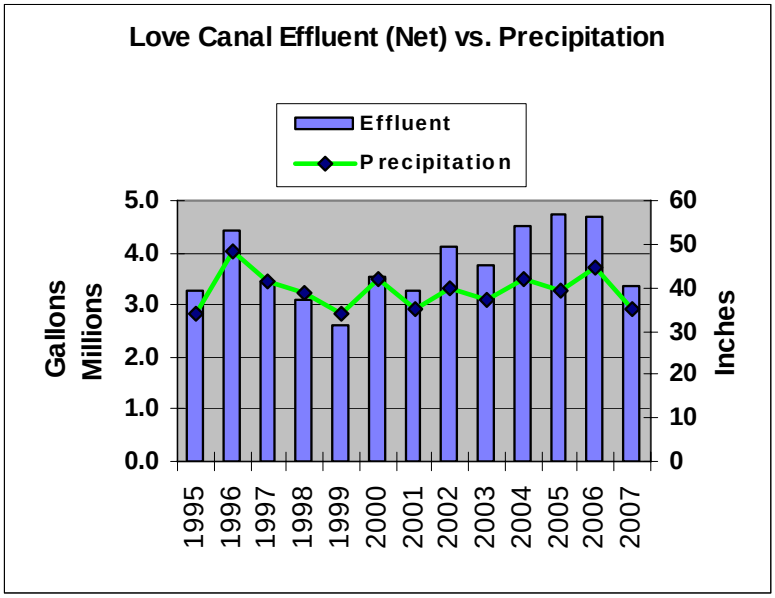
3.1.2 Effluent Discharge

The LCTF discharged to the Niagara Falls sanitary sewer system on 107 days in 2007.

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 of Niagara Falls 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): 3,663,300 gallons
- Total pumped from 102nd Street Site: 300,074 gallons
- Net Love Canal Collection: 3,363,226 gallons



Effluent Discharge

Net gallons vs. Annual Precipitation (inches), from 1995 to present.

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Table 3.1 shows the monthly total and average treated groundwater quantities for the 1995 to 2007 periods. Additionally, starting with 2000, the total days of discharge per month are shown.

In March of 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). For the year, the four-well system at 102nd Street pumped 300,074 gallons to Love Canal (PC-3), the combined waters were then treated on Site and discharged to the permitted City of Niagara Falls sanitary sewer.

3.1.3 Sampling

Sampling of the effluent discharged to City's sanitary sewer system occurred quarterly as required under the City of Niagara Falls 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 35.12 inches (Buffalo Airport, National Weather Service data), compared to the average of 39.3 inches (1995 through 2007). Table 3.1 provides historic precipitation data from 1995 through 2007.

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 chemical sampling event was performed during the second quarter of 2007. In conjunction with the LTGMP and NYSDEC, thirty-eight (38) discrete wells were sampled as part of the groundwater monitoring efforts in 2007.

In 2007, NYSDEC selected and performed split sampling, which include five (5) wells. The following wells listed below were split sampled:

Well	**Well Type**	**Orientation**	**Date**
8106	Overburden	Additional	06/26/07
9205	Bedrock	Annual	06/26/07
3257	Bedrock	Annual	06/26/07
5221	Bedrock	Additional	06/26/07
10205	Bedrock	Annual	06/26/07

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 twenty (20) overburden and eighteen (18) 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 forty (40) discrete compounds detected: fifteen (15) VOCs; thirteen (13) semi-volatile organic compounds (SVOCs); and twelve (12) pesticides.

Historically, Well 10135 has had the most detected compounds and with the highest concentrations. In 2007, well 10135 had thirty-eight (38) 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 2007. This data shows that the compounds detected in 2007 were at similar concentrations to those compared to historical trends.

Monitoring Wells

1165 series piezometer wells and well 10135 in back ground. View from Southwest of the Site looking North.

Forty-one (41) groundwater samples (including three field duplicates, two rinse blanks and 12 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 2007. The samples were submitted to CompuChem Laboratory, located in Cary, NC, and analyzed for site-specific volatiles, semi-volatiles, and pesticides/polychlorinated biphenyls (PCBs).

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 some high recoveries and some variability between recoveries. All associated sample results were non-detect and would not have been impacted.

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, toluene, acetone and methylene chloride 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 acetone and methylene chloride. All associated sample results were non-detect and would not have been impacted.

Conestoga-Rovers & Associates (CRA), located in Niagara Falls, New York, performed the analytical Quality Assurance/Quality Control (QA/QC). Both the

analytical data and the QA/QC report are on file at the GSHI Western New York Office at Love Canal and are available for review upon request.

The Quality Assurance/Quality Controls (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 noted in the report.

The 2007 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 2007. Figures 3.2 to 3.7 show the overburden groundwater flow conditions for May 2007 along the six-piezometer strings. The wells in 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 groundwater in the proximately of the barrier drain flows towards the barrier drain. 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 2007.

GSHI has initiated a Global Positioning System (GPS) survey of all active wells. The GPS is a high-accuracy technology surveying method used to precisely locate a three-dimensional position (latitude, longitude, and elevation) anywhere on the surface of the Earth. The GPS system can be used at any time under all weather conditions. Further survey information will be compiled within the up coming years and evaluated. The evaluated data then can be integrated to a geographic information systems (GIS). A GIS makes it possible integrate, information that is difficult to associate through any other means, which then can visualized through different mapping techniques such as contours or 3D mapping.

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 Identified (54 on Site, 8 off Site).
Additional: 9 Non-identified wells located on Site

Total of: 71 Identified and Non-Identified Wells proposed for decommissioning.

4.0 ACTIVITIES

Summaries of normal activities and repairs performed in 2007 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:

- Replacement of Varaible Frequency Drive (VFD) for the filter feed pump.
- Replacement of Pump Chamber 2A level transmitter .
- Replace PC-2 Pump.

Inspection of Site's tanks and vessels were performed by Quality Inspection Service (QIS) in 2007, which included internal, external, and thickness readings where applicable. The following tanks and vessels were inspected:

- V-3 Carbon Bed (Transfer Bed);
- Bag Filter Vessels (4);
- Raw Leachate Tank; Clarifier;
- Filter Feed Tank;
- Sludge Tank; and
- Dewatering Containment Facility (DCF) storage tank.

The inspections determine the tanks and vessels integrity and suitability are acceptable. No repairs were required in 2007.

4.2 NON-PROCESS ACTIVITIES

Activities that occurred throughout the year included the following:

- Front gate sensor loop replaced.
- Entry door hinges replace on Treatment Building and Administration Building.

4.3 COMMUNITY OUTREACH

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

In 2007, members of GSHI held a Toy Fund Drive, which collected and donated toys for needy children in the community.

4.3.1 Beautification

- Maintenance and landscaping of the Site and surrounding areas.
- Maintenance of flowerbeds and shrubs along Colvin Boulevard, 95th Street and Frontier Avenue.
- 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 including the Annual Hazardous Waste Reports to NYSDEC, Annual Operations and Monitoring Report to various agencies and monthly flow reports to the City of Niagara Falls.

Throughout out 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 Report for 2006 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 of Niagara Falls performed semi-annual inspections of the Site's Treatment Facility in 2007. Additionally an annual verification sampling of the effluent discharge was performed by the City of Niagara Falls. 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 38,040 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 2007 was sent for incineration.

The waste was itemized as follows:

- Spent carbon used in the treatment process totaled 35,500 pounds.
- Debris/filters/PPE totaled 2,350 pounds.
- NAPL, Non-Aqueous Phase Leachate totaled 190 pounds.

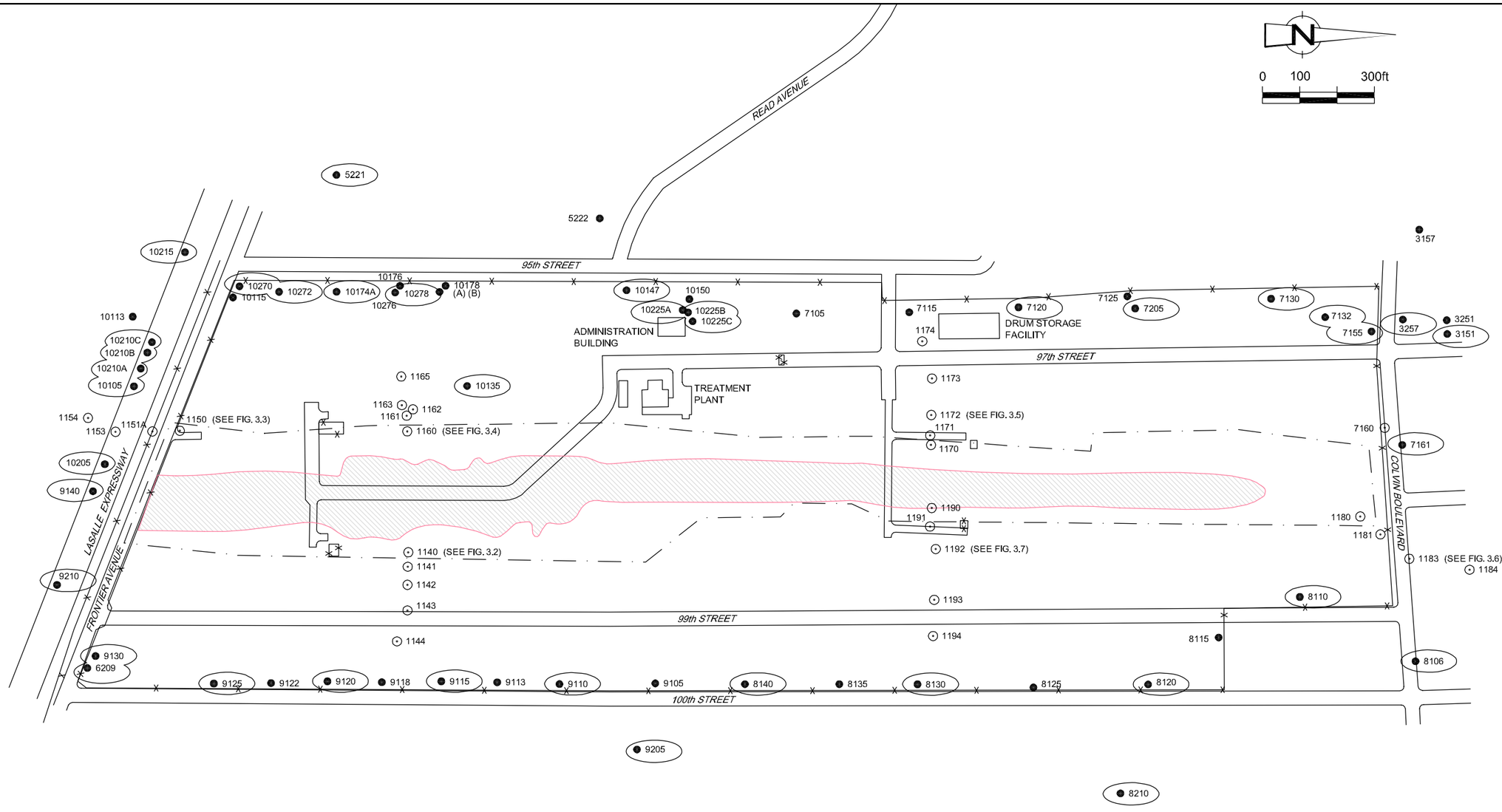
Roll-Off Bins

Used to Ship out Bulk Spent Carbon for Incineration.

5.0 CONCLUSION

The 2007 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. 3,663,300 gallons of leachate were treated and discharged from the Site, of which 3,363,226 gallons of leachate were collected on-Site and the remaining 300,074 gallons were pumped from the 102nd Street Site.

FIGURES

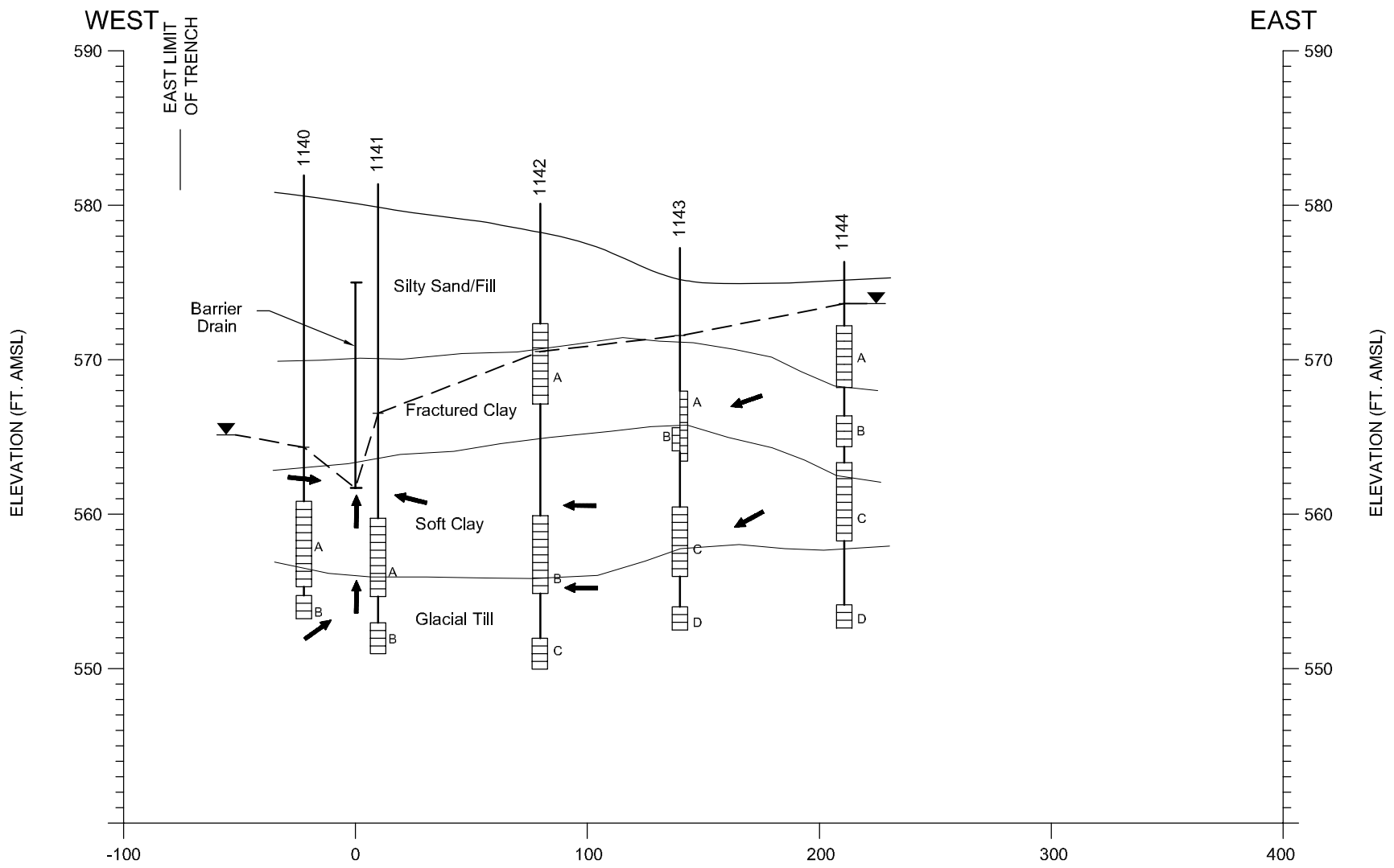


LEGEND

- FENCE LINE
- BARRIER DRAIN
- 7105 PIEZOMETER WELL
- 1167 OBSERVATION WELL
- 10135 WELLS SAMPLED IN JUNE 2005
- APPROXIMATE LIMITS OF DISPOSED WASTE

figure 3.1

2007 GROUNDWATER MONITORING PROGRAM
LOVE CANAL
Glenn Springs Holdings, Inc.



LEGEND

A PIEZOMETER DESIGNATION

GROUNDWATER LEVEL

FLOW DIRECTION

SCREENED INTERVAL

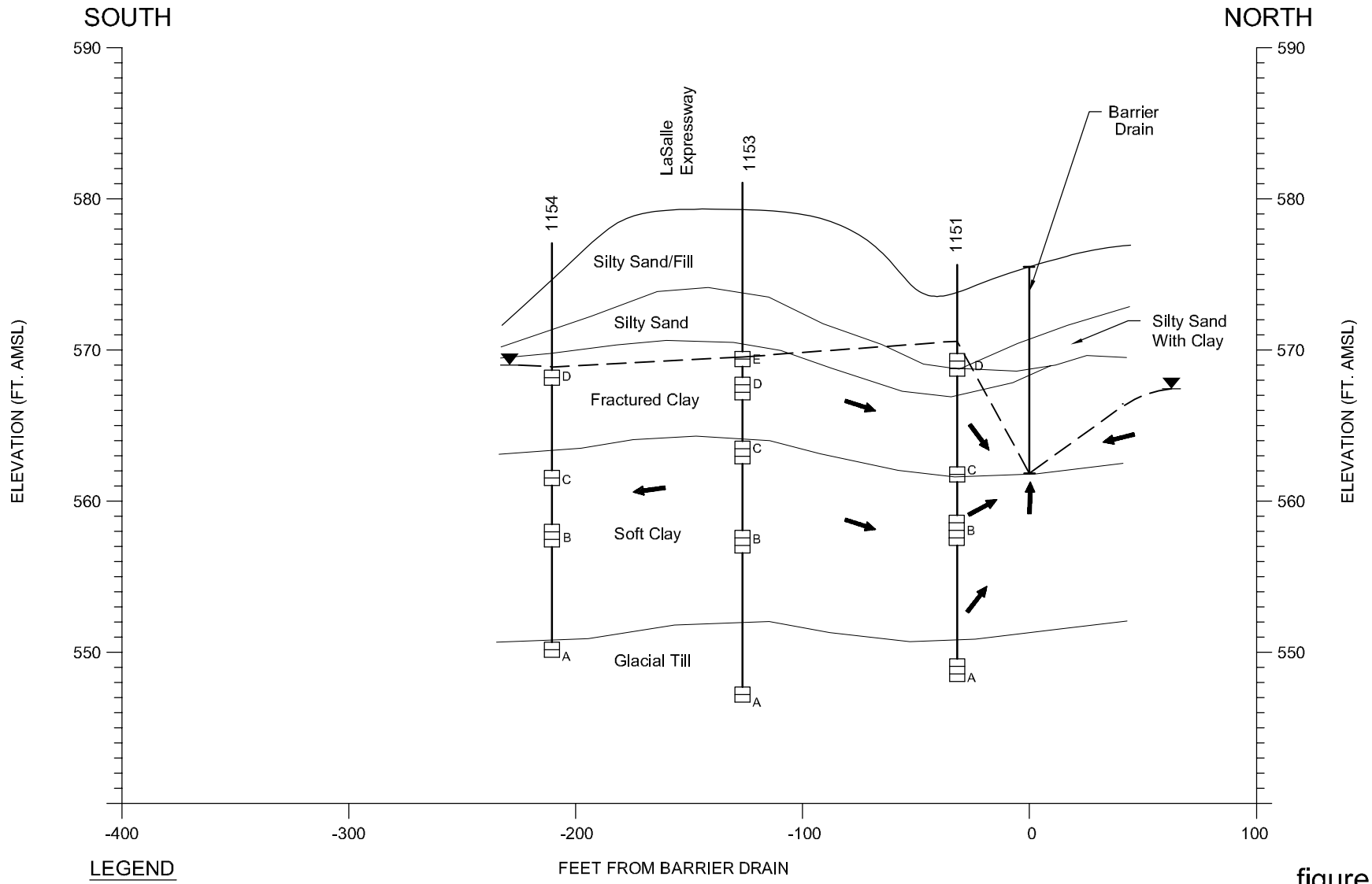
NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR UPPERMOST MONITORED INTERVAL

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

figure 3.2

MAY 2007 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 2007 FLOW DIAGRAM 1150 SERIES PIEZOMETERS LOVE CANAL

Glenn Springs Holdings, Inc.

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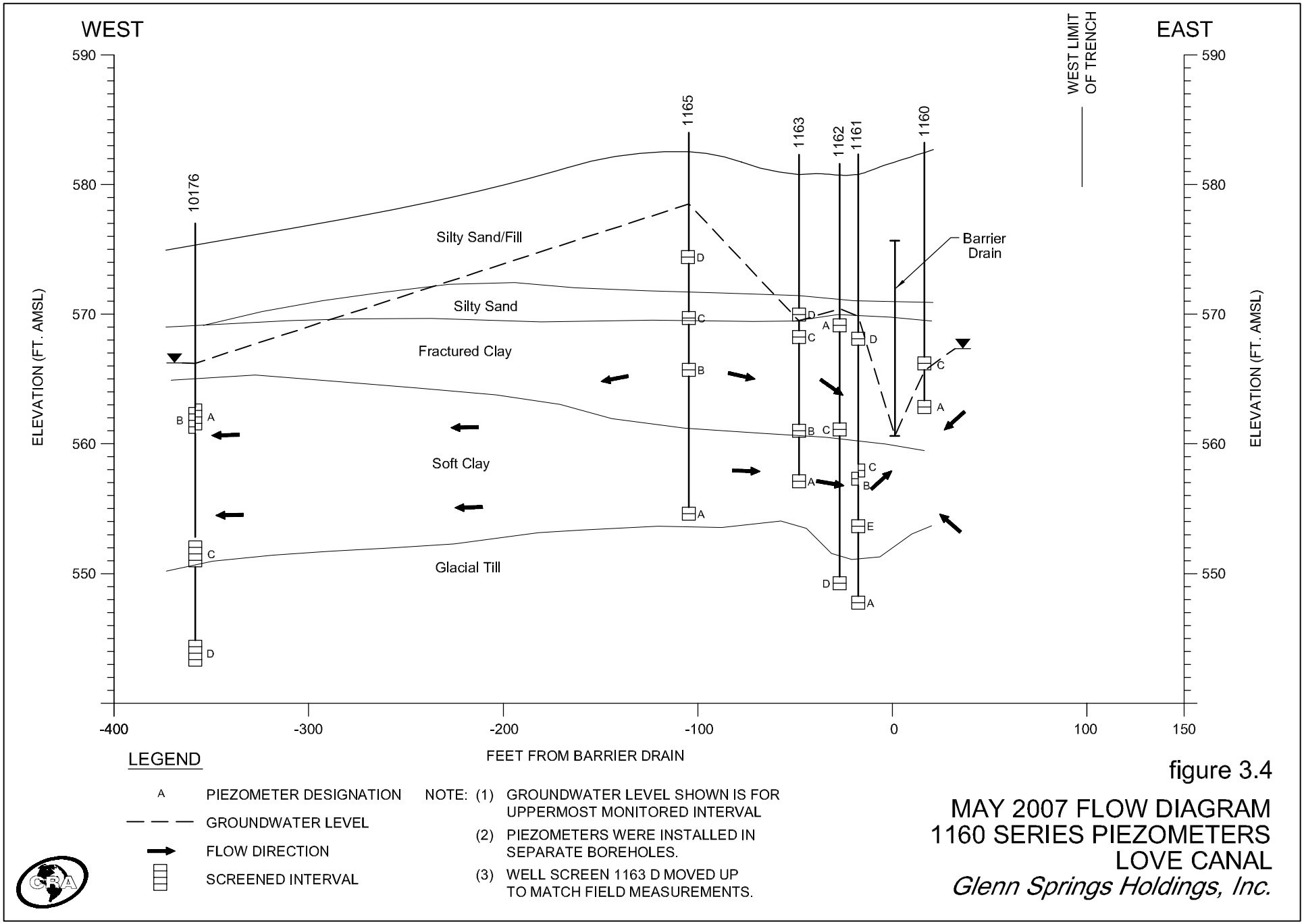
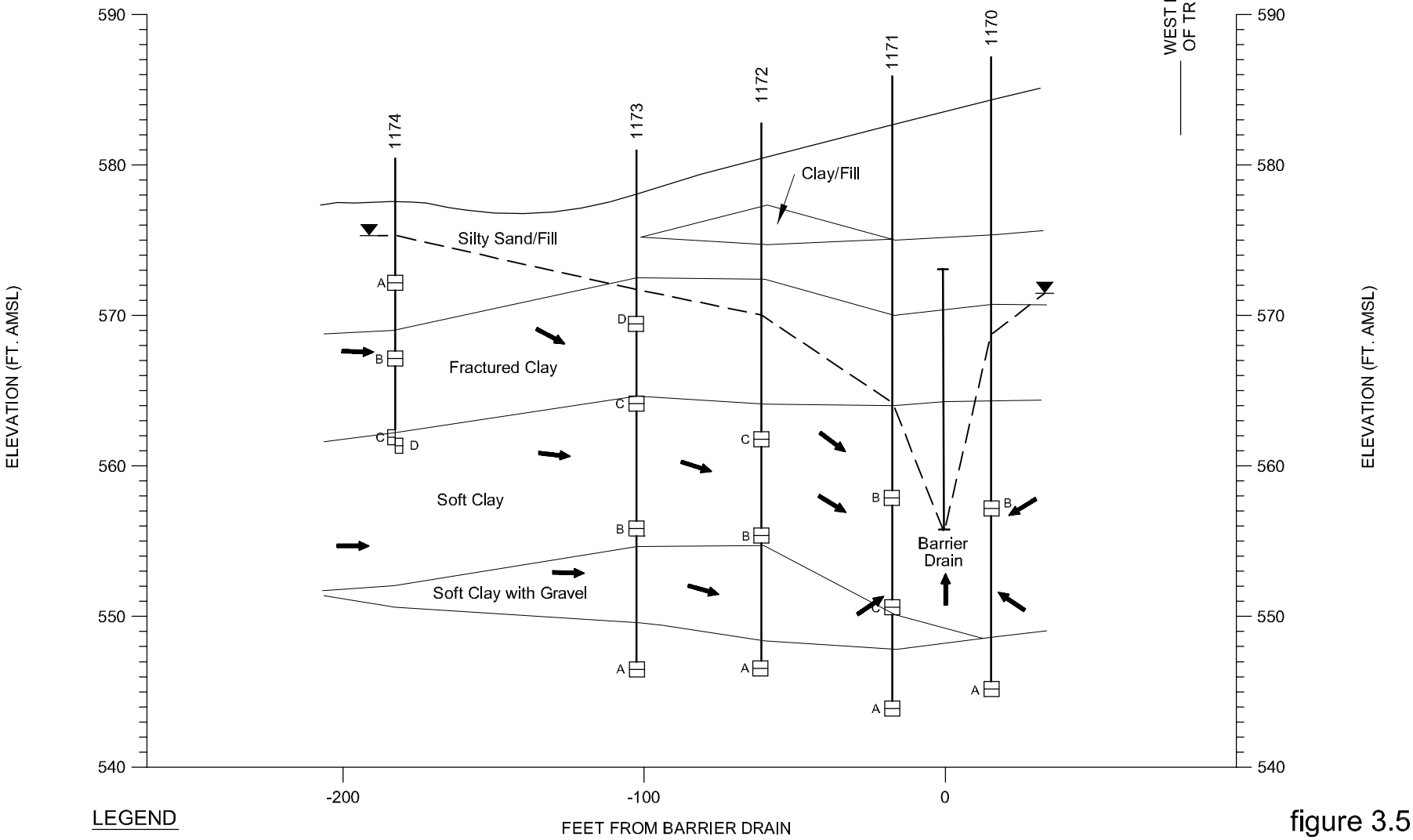


figure 3.4

MAY 2007 FLOW DIAGRAM 1160 SERIES PIEZOMETERS LOVE CANAL

Glenn Springs Holdings, Inc.



LEGEND

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

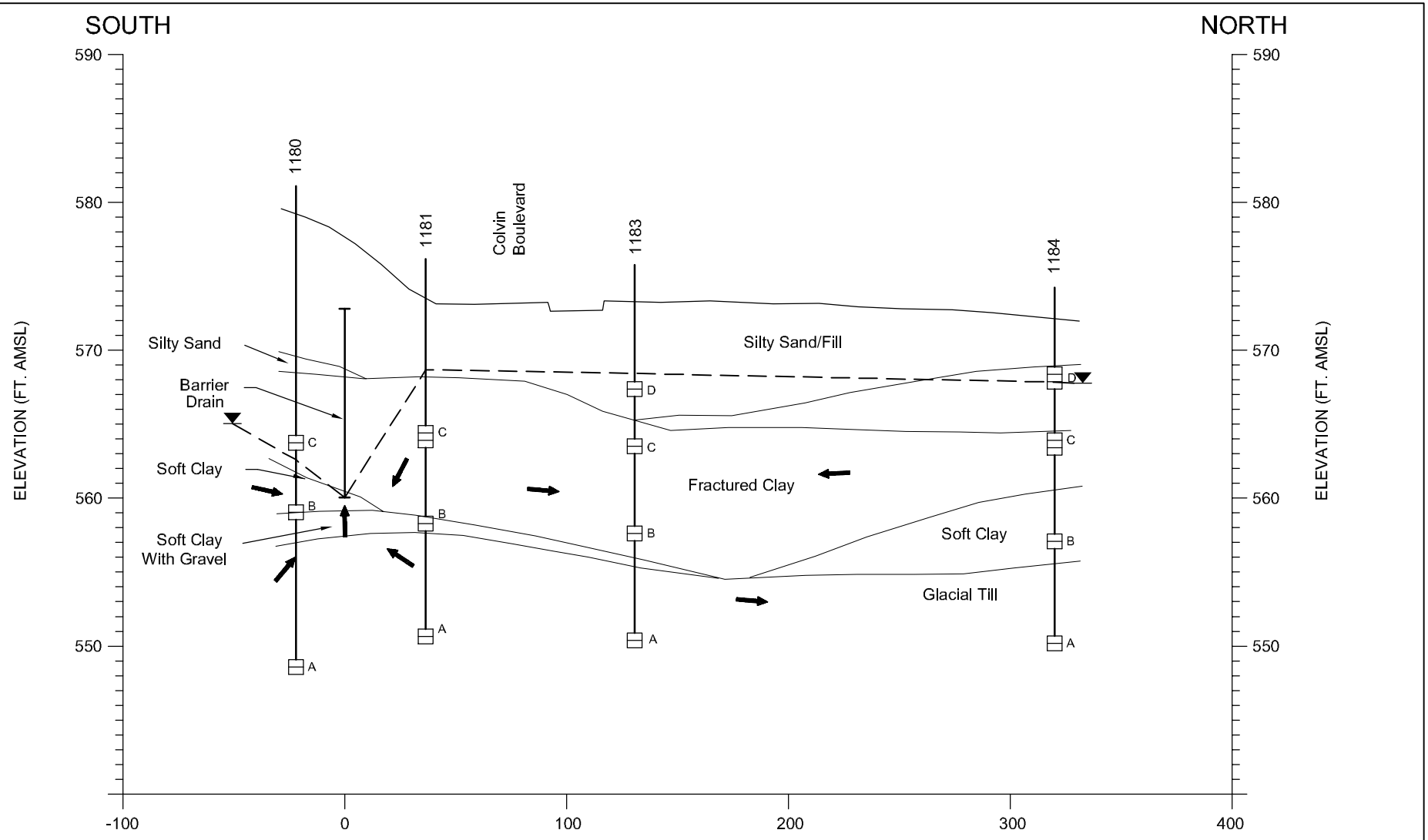
NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR UPPERMOST MONITORED INTERVAL

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

figure 3.5

MAY 2007 FLOW DIAGRAM 1170 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 3.6

MAY 2007 FLOW DIAGRAM 1180 SERIES PIEZOMETERS LOVE CANAL

Glenn Springs Holdings, Inc.

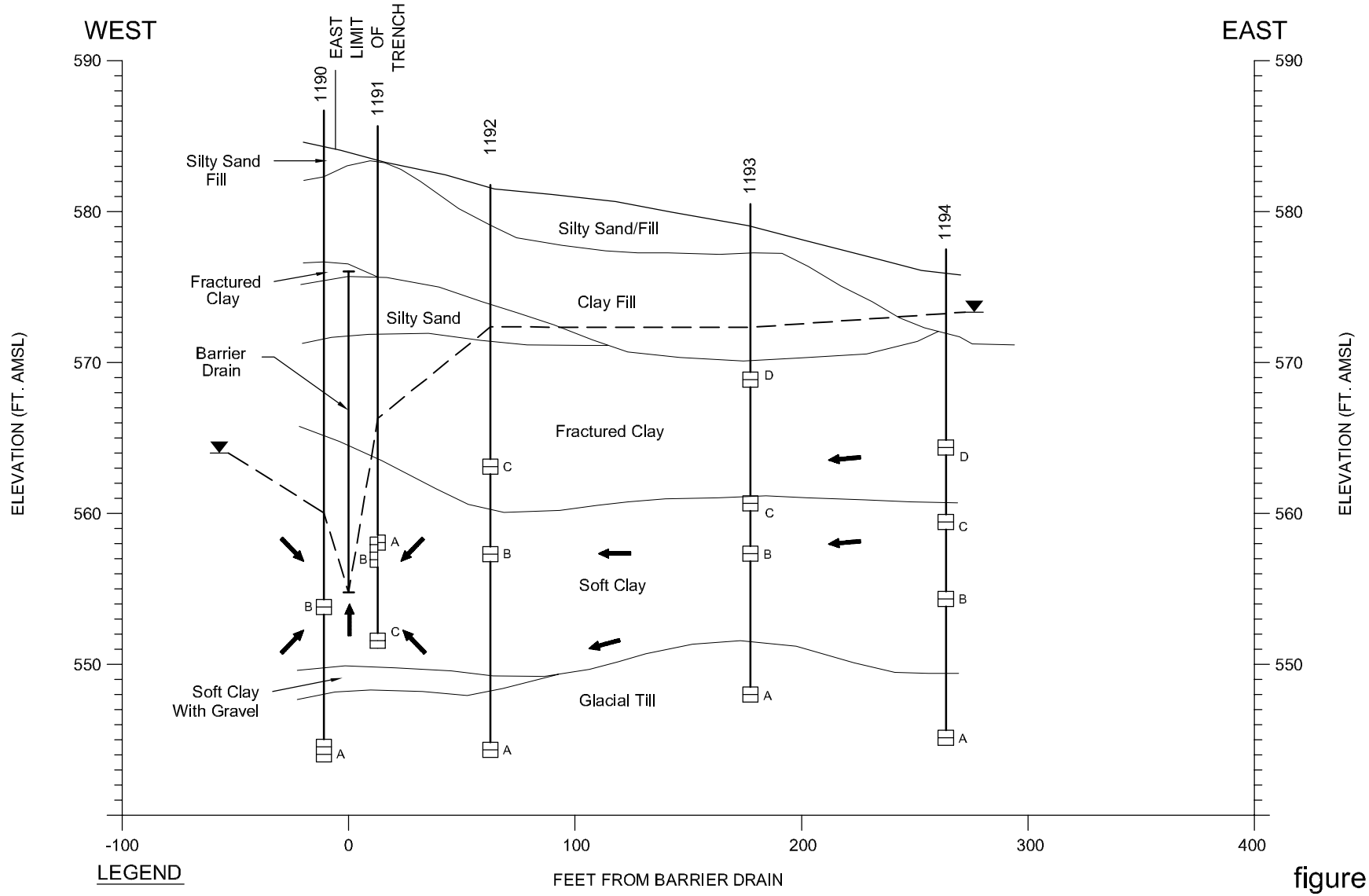


figure 3.7

MAY 2007 FLOW DIAGRAM
1190 SERIES PIEZOMETERS
LOVE CANAL
Glenn Springs Holdings, Inc.

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
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**
	Net (2)	-	-	-	-	335700	280364	282480	422682	374123	260171	796,518	817,305	970,918
	Days (3)	N/A	N/A	N/A	N/A	N/A	21	20	21	14	10	17	16	20
February	Gross	**202,235**	**252,450**	**456,800**	**539,838**	**270,100**	**480,400**	**560,000**	**663,700**	**266,300**	**330,000**	**440,200**	**437,300**	**216,600**
	Net	-	-	-	-	270,100	368,492	468,863	608,116	231,049	291,082	401,137	405,124	174,776
	Days	N/A	N/A	N/A	N/A	N/A	21	19	20	13	9	11	9	7
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**
	Net	-	-	-	-	321558	290501	493476	316696	667337	986332	667,105	402,047	560,237
	Days	N/A	N/A	N/A	N/A	N/A	23	21	21	17	21	13	13	16
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**
	Net	-	-	-	-	296,535	547,926	262,946	629,683	380,745	767,982	769,514	155,028	420,133
	Days	N/A	N/A	N/A	N/A	N/A	20	20	20	16	17	14	6	14
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**
	Net	-	-	-	-	123790	335331	207580	532251	379299	294612	156,846	93,394	297,471
	Days	N/A	N/A	N/A	N/A	N/A	20	17	20	14	10	5	4	12
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**
	Net	-	-	-	-	63,658	486,721	132,132	347,485	303,576	208,659	118,979	104,449	148,638
	Days	N/A	N/A	N/A	N/A	N/A	20	16	14	13	9	6	5	4
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**
	Net	-	-	-	-	104649	184955	111941	145344	142849	111217	78,234	183,084	99,026
	Days	N/A	N/A	N/A	N/A	N/A	20	16	16	11	7	3	5	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**
	Net	-	-	-	-	97,423	286,925	194,821	107,928	114,497	269,934	55,055	293,900	106,040
	Days	N/A	N/A	N/A	N/A	N/A	23	18	17	8	10	5	10	5
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**
	Net	-	-	-	-	62759	82263	81619	94401	60350	435482	284,315	213,343	49,041
	Days	N/A	N/A	N/A	N/A	N/A	20	16	12	7	12	8	7	4
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**
	Net	-	-	-	-	175,837	134,248	348,153	108,226	157,120	94,476	445,560	892,734	141,650
	Days	N/A	N/A	N/A	N/A	N/A	20	18	13	9	4	10	18	8
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**
	Net	-	-	-	-	344145	132728	194481	306258	310650	186999	494,443	658,765	77,506
	Days	N/A	N/A	N/A	N/A	N/A	17	16	14	12	5	14	14	3
December	Gross	**235,900**	**499,540**	**524,760**	**73,800**	**695,500**	**522,600**	**555,300**	**549,600**	**692,300**	**674,400**	**502,000**	**510,400**	**345,700**
	Net	-	-	-	-	397,912	421,149	475,856	496,556	643,735	622,403	476,165	492,900	317,790
	Days	N/A	N/A	N/A	N/A	N/A	17	18	15	14	14	12	12	8
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**
	Net	**-**	**-**	**-**	**-**	**2594066**	**3551603**	**3254348**	**4115626**	**3765330**	**4529349**	**4,743,871**	**4,712,073**	**3,363,226**
	Days	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**242**	**215**	**203**	**148**	**128**	**118**	**119**	**107**
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**
Average	Net	-	-	-	-	216172.1667	295966.9167	271195.6667	342968.8333	313777.5	377445.75	395,323	392,673	280,269
	Days	N/A	N/A	N/A	N/A	N/A	20	18	17	12	11	10	10	9
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**

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
2007 LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDNGS, INC.
LOVE CANAL

Overburden Wells	*Well*	*VOCs*	*SVOCs*	*Pesticides/PCBs*
3151	B-I	Well No Longer Avaialble Destoyed		
7120	B-I	U	1	U
7130	A	U	1	1
7132	A	U	1	U
7155	B-I	U	U	U
7161	B-I	U	U	U
8106	X	U	U	U
8110	B-I	U	U	U
8120	B-I	U	U	1
8130	B-I	U	U	U
8140	B-I	U	1	U
9110	B-I	U	U	U
9115	B-I	U	1	1
9120	B-I	U	U	U
9125	B-I	U	1	U
9130	B-II	U	2	U
9140	B-I	1	1	U
10105	B-II	U	1	U
10135	A	15	11	12
10147	B-I	U	1	U
10174A	B-I	U	U	U
		16	**22**	**15**
Bedrock Wells				
3257	X	U	U	U
5221	X	U	U	1
6209	X	1	U	U
7205	A	U	U	1
8210	A	U	U	U
9205	A	U	2	U
9210	A	U	1	U
10205	A	U	1	U
10215	X	U	U	U
10270	X	3	U	1
10272	A	1	U	U
10278	A	2	U	U
10210A	A	1	U	U
10210B	A	1	U	1
10210C	A	U	U	U
10225A	A	1	U	U
10225B	A	1	U	U
10225C	A	1	1	1
		12	**5**	**5**
Total # of Detections		**28**	**27**	**20**

Notes:
U/U = Duplicate analyses.
U = No parameters detected at or above detection limits.
A =Annual Well
B-I = Bi-Annual Well Group I
B-II = Bi-Annual Well Group II
X = Additional Well
N/M = Not Monitored

TABLE 3.3
ANALYTICAL RESULTS DETECTED SUMMARY
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK

		Sample Location:	5221	6209	7120	7130	7132	7205	8120	8140
		Sample ID:	LC-5221-607	LC-6209-707	LC-7120-707	LC-7130-707	LC-7132-707	LC-7205-707	LC-8120-707	LC-8140-707
		Sample Date:	6/26/2007	7/18/2007	7/13/2007	7/13/2007	7/16/2007	7/18/2007	7/12/2007	7/12/2007
Volatile Organic Compounds	***Units***									
1,1,2,2-Tetrachloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L		10 UJ	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ
Benzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	ug/L		10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds	**15**		0	1	0	0	0	0	0	0
Semi-Volatile Organic Compounds										
1,2,4-Trichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	ug/L		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl Alcohol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	ug/L		10 U	10 U	49	6 J	18	10 U	18	11
N-Nitrosodi-n-propylamine	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds	**13**		0	0	1	1	1	0	1	1
Pesticides										
4,4'-DDD	ug/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	ug/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	ug/L		0.039 J	0.050 U	0.050 U	0.050 U	0.050 U	0.014 J	0.050 U	0.050 U
alpha-Chlordane	ug/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
beta-BHC	ug/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	ug/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 sulfate	ug/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	ug/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)	ug/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	ug/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	ug/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	ug/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
Discrete Compounds	**12**		1	0	0	0	0	1	0	0
Total Discrete Compounds	**40**		1	1	1	1	1	1	1	1

Notes Estimated.
J Estimated.
R Rejected.
U Not detected.
UJ Not detected, estimated reporting limit.

TABLE 3.3
ANALYTICAL RESULTS DETECTED SUMMARY
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK

		Sample Location:	9115	9125	9130	9140	9205	9210	10105	10135
		Sample ID:	LC-9115-707	LC-9125-707	LC-9130-707	LC-9140-707	LC-9205-607	LC-9210-707	LC-10105-707	LC-10135-707
		Sample Date:	7/10/2007	7/9/2007	7/10/2007	7/20/2007	6/26/2007	7/20/2007	7/23/2007	7/18/2007
Volatile Organic Compounds	***Units***									
1,1,2,2-Tetrachloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	16 J
1,1,2-Trichloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	15 J
1,1-Dichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	2 J
Acetone	ug/L		10 U	10 U	10 U	10 UJ	10 UJ	50 UJ	10 UJ	53 J
Benzene	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	7100
Carbon disulfide	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	2 J
Chlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	2100
Chloroform (Trichloromethane)	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	140 J
Ethylbenzene	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 J
Methylene chloride	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	32 J
Tetrachloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	13 J
Toluene	ug/L		10 UJ	10 U	10 UJ	10 U	10 U	50 U	10 U	23000
trans-1,2-Dichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	50 J
Trichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	50 U	10 U	89 J
Xylene (total)	ug/L		10 U	10 U	10 U	2 J	10 U	50 U	10 U	37 J
Discrete Compounds	**15**		0	0	0	1	0	0	0	15
Semi-Volatile Organic Compounds										
1,2,4-Trichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	47 J
1,2-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	31 J
1,3-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	87 J
1,4-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	84 J
2,4-Dichlorophenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	490
2-Methylphenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	34 J
4-Methylphenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	120 J
Benzoic acid	ug/L		50 U	50 U	50 U	50 UJ	50 U	50 UJ	50 UJ	14000
Benzyl Alcohol	ug/L		10 U	10 U	2 J	10 U	10 U	10 U	10 U	580
bis(2-Chloroethyl)ether	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	30 J
bis(2-Ethylhexyl)phthalate	ug/L		5 J	180	150	14	6 J	6 J	3 J	130 U
N-Nitrosodi-n-propylamine	ug/L		10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	130 U
Phenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	130 J
Discrete Compounds	**13**		1	1	2	1	2	1	1	11
Pesticides										
4,4'-DDD	ug/L		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.081 J
Aldrin	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.073 J
alpha-BHC	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	12
alpha-Chlordane	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.011 J
beta-BHC	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	3.7
delta-BHC	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	4.7
Endosulfan sulfate	ug/L		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.34 J
Endrin	ug/L		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.034 J
gamma-BHC (Lindane)	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	2.1
gamma-Chlordane	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.017 J
Heptachlor	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.092 J
Heptachlor epoxide	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.29
Discrete Compounds	**12**		0	0	0	0	0	0	0	12
Total Discrete Compounds	**40**		1	1	2	2	2	1	1	38

Notes Estimated.
J Estimated.
R Rejected.
U Not detected.
UJ Not detected, estimated reporting limit.

TABLE 3.3
ANALYTICAL RESULTS DETECTED SUMMARY
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK

		Sample Location:	10147	10205	10210A	10210B	10225A	10225B	10225C
		Sample ID:	LC-10147-707	LC-10205-607	LC-10210A-707	LC-10210B-707	LC-10225A-707	LC-10225B-707	LC-10225C-707
		Sample Date:	7/12/2007	6/26/2007	7/26/2007	7/26/2007	8/2/2007	8/2/2007	7/31/2007
Volatile Organic Compounds	***Units***								
1,1,2,2-Tetrachloroethane	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
1,1,2-Trichloroethane	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
1,1-Dichloroethene	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Acetone	ug/L		10 UJ	10 UJ	50 UJ	60 UJ	50 UJ	50 UJ	50 UJ
Benzene	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Carbon disulfide	ug/L		10 U	10 U	8 J	6 J	13 J	5 J	50 U
Chlorobenzene	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Chloroform (Trichloromethane)	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Ethylbenzene	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Methylene chloride	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Tetrachloroethene	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Toluene	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
trans-1,2-Dichloroethene	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Trichloroethene	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	7 J
Xylene (total)	ug/L		10 U	10 U	50 U	50 U	50 U	50 U	50 U
Discrete Compounds	**15**		0	0	1	1	1	1	1
Semi-Volatile Organic Compounds									
1,2,4-Trichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	3 J
1,2-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic acid	ug/L		50 U	2 J	50 U	50 U	50 U	50 U	50 U
Benzyl Alcohol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	ug/L		54	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Discrete Compounds	**13**		1	1	0	0	0	0	1
Pesticides									
4,4'-DDD	ug/L		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	ug/L		0.050 U	0.050 U	0.050 U	0.016 J	0.050 U	0.050 U	0.056
alpha-Chlordane	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.012 J
delta-BHC	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan sulfate	ug/L		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	ug/L		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor epoxide	ug/L		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Discrete Compounds	**12**		0	0	0	1	0	0	1
Total Discrete Compounds	**40**		1	1	1	2	1	1	3

Notes Estimated.
J Estimated.
R Rejected.
U Not detected.
UJ Not detected, estimated reporting limit.

TABLE 3.3
ANALYTICAL RESULTS DETECTED SUMMARY
GLENN SPRINGS HOLDINGS, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK

		Sample Location:	10270	10272	10272	10278	10278
		Sample ID:	LC-10270-707	LC-10272-707	LC-8205-707	LC-10278-707	LC-8215-707
		Sample Date:	7/19/2007	7/10/2007	7/10/2007	7/19/2007	7/19/2007
Volatile Organic Compounds	***Units***						
1,1,2,2-Tetrachloroethane	ug/L		10 U	10 U	10 U	50 U	50 U
1,1,2-Trichloroethane	ug/L		10 U	10 U	10 U	50 U	50 U
1,1-Dichloroethene	ug/L		10 U	10 U	10 U	50 U	50 U
Acetone	ug/L		10 UJ	10 U	7 J	76 UJ	64 UJ
Benzene	ug/L		10 U	10 U	10 U	50 U	50 U
Carbon disulfide	ug/L		10 U	2 J	1 J	5 J	50 U
Chlorobenzene	ug/L		10 U	10 U	10 U	50 U	50 U
Chloroform (Trichloromethane)	ug/L		10 U	10 U	10 U	50 U	50 U
Ethylbenzene	ug/L		1.0 J	10 U	10 U	50 U	50 U
Methylene chloride	ug/L		10 U	10 U	10 U	9 J	9 J
Tetrachloroethene	ug/L		10 U	10 U	10 U	50 U	50 U
Toluene	ug/L		11	10 UJ	10 UJ	50 U	50 U
trans-1,2-Dichloroethene	ug/L		10 U	10 U	10 U	50 U	50 U
Trichloroethene	ug/L		10 U	10 U	10 U	50 U	50 U
Xylene (total)	ug/L		3 J	10 U	10 U	50 U	50 U
Discrete Compounds	**15**		3	1	2	2	1
Semi-Volatile Organic Compounds							
1,2,4-Trichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	ug/L		10 U	10 U	10 U	10 U	10 U
2-Methylphenol	ug/L		10 U	10 U	10 U	10 U	10 U
4-Methylphenol	ug/L		10 U	10 U	10 U	10 U	10 U
Benzoic acid	ug/L		50 UJ	50 U	50 U	50 UJ	50 UJ
Benzyl Alcohol	ug/L		10 U	10 U	10 UJ	10 U	10 U
bis(2-Chloroethyl)ether	ug/L		10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	ug/L		10 U	10 U	3 J	10 U	10 U
N-Nitrosodi-n-propylamine	ug/L		10 U	10 U	10 U	10 U	10 U
Phenol	ug/L		10 U	10 U	10 U	10 U	10 U
Discrete Compounds	**13**		0	0	1	0	0
Pesticides							
4,4'-DDD	ug/L		0.10 U	R	R	0.10 U	0.10 U
Aldrin	ug/L		0.050 U	R	R	0.050 U	0.050 U
alpha-BHC	ug/L		0.02 J	R	R	0.050 U	0.050 U
alpha-Chlordane	ug/L		0.050 U	R	R	0.050 U	0.050 U
beta-BHC	ug/L		0.050 U	R	R	0.050 U	0.050 U
delta-BHC	ug/L		0.050 U	R	R	0.050 U	0.050 U
Endosulfan sulfate	ug/L		0.10 U	R	R	0.10 U	0.10 U
Endrin	ug/L		0.10 U	R	R	0.10 U	0.10 U
gamma-BHC (Lindane)	ug/L		0.050 U	R	R	0.050 U	0.050 U
gamma-Chlordane	ug/L		0.050 U	R	R	0.050 U	0.050 U
Heptachlor	ug/L		0.050 U	R	R	0.050 U	0.050 U
Heptachlor epoxide	ug/L		0.050 U	R	R	0.050 U	0.050 U
Discrete Compounds	**12**		1	0	0	0	0
Total Discrete Compounds	**40**		4	1	3	2	1

Notes Estimated.
J Estimated.
R Rejected.
U Not detected.
UJ Not detected, estimated reporting limit.

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

Well Number:	*10210B*																	
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
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				
Napththalene																		
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 esti
C - Confirmed data.
J - Estimated Concentration.

TABLE 3.4
SUMMARY OF DETECTED COMPOUNDS FOR 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
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							
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																		
Napththalene																		
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 esti
C - Confirmed data.
J - Estimated Concentration.

TABLE 3.4
SUMMARY OF DETECTED COMPOUNDS FOR 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
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
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
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
Chloroform		100			110		150J	120/110	100J/130J	150J/160J	500U/160	110			110 J	140J
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
Trichloroethene		24			36		170J	70/58	60J/72J	140J/180J	130J/160	91			46 J	89J
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
1,2-Dichlorobenzene		35						30J/24J	22J/18J	ND/48J		59 J		36 J	37	31J
1,3-Dichlorobenzene															3 J	87J
1,4-Dichlorobenzene	110	94	91					74J/61J	59J/52J	69J/110J		160 J		100 J	100	84J
2-Butanone (Methyl Ethyl Ketone)																
2,4,5-Trichlorophenol		70					38J		0.9J/ND						8 J	
2,4,6-Trichlorophenol									1J/ND							
2,4-Dichlorophenol	1200B	420	610	150		2100/2100	2000	610/690	1400J/470J	620J/1200J	1500J/1800J	1700		420	250	490
2,4-Dimethylphenol									ND/2J							
2-Chloronaphthalene				150						370J/550J						
2-Chlorophenol							28J	25J/ND							18	
2-Methylphenol		51					55J	35J/42J	160J/ND	ND/41J		50 J		25 J	33	34J
2-Nitrophenol									ND/1J							
4-Chloro-3-methylphenol								33J/25J				41 J				
4-Methylphenol		80					130J	120/95J	99J/300J	86J/130J		210 J		49 J		120J
Benzoic Acid				6400D	4000	30000J/27000J	23000J	5000/4300	19000J/4700J	4400J/6200J	25000/31000	26000		1400 J	14000 J	14000
Benzyl Alcohol				380		1900/1600	2700	540/680	14000/3200J	330J/630J	1700J/2000	640		23 J	48	580
Bis(2-Chloroethyl)Ether		23					24J	26J/25J						24 J	24	30J
bis(2-Ethylhexyl)Phthalate		50							41J/24/J						53	
Dimethyl Phthalate																
Di-n-Octyl Phthalate																
Hexachlorobenzene																
Napththalene								2000J/1400J	4000J/1800J	1100/1400				1800 J		
Pentachlorophenol		52														
Phenol		96	91	140				120/96J		ND/51J		180 J			140	130J
Pesticides/PCBs (ug/L)																
4,4'-DDD								0.020J/0.21	0.071J/0.13J					0.19 J		0.081J
Aldrin	0.53	0.24P						0.21J/0.74JN		0.95JN/1.5JN	0.12J/0.12J					0.073J
Alpha-BHC	84	42C	24CEP	28D	29	39/39	59	37J/40	50/50	43J/50J	39/43	49		15		12
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	7.1	3.2
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
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
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/7.1J	7.1			4.8	2.1
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
Heptachlor epoxide								0.058J/0.043J	0.029J/0.031J		0.016J/0.025J	2.2 J				0.29

Notes:
B - Found in Blank
ND or U - Non-Detected at the associated estii
C - Confirmed data.
J - Estimated Concentration.

1140 SERIES PIEZOMETERS WATER LEVELS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDNGS, INC.

WELLS A Date	*1144* (ft. AMSL)	*1143* (ft. AMSL)	*1142* (ft. AMSL)	*1141* (ft. AMSL)	*1140* (ft. AMSL)	*Tile Drain* *(ft. AMSL)*
March-07	574.98	572.03	570.75	566.56	564.53	561.70
May-07	573.62	571.56	570.52	566.54	564.33	561.70
August-07	572.29	570.34	569.77	566.42	564.53	561.70
December-07	572.00	569.66	569.08	566.16	564.68	561.70

WELLS B Date	*1144* (ft. AMSL)	*1143* (ft. AMSL)	*1142* (ft. AMSL)	*1141* (ft. AMSL)	*1140* (ft. AMSL)	*Tile Drain* *(ft. AMSL)*
March-07	572.86	571.72	567.79	566.96	564.92	561.70
May-07	570.98	571.58	567.89	567.02	564.70	561.70
August-07	569.73	570.35	567.64	566.98	564.75	561.70
December-07	570.69	569.43	567.13	566.67	564.89	561.70

WELLS C Date	*1144* (ft. AMSL)	*1143* (ft. AMSL)	*1142* (ft. AMSL)	*Tile Drain* *(ft. AMSL)*
March-07	572.01	569.84	566.58	561.70
May-07	570.99	569.90	566.49	561.70
August-07	569.52	569.31	566.14	561.70
December-07	569.50	568.33	565.76	561.70

WELLS D Date	*1144* (ft. AMSL)	*1143* (ft. AMSL)	*Tile Drain* *(ft. AMSL)*
March-07	570.10	568.27	561.70
May-07	570.07	568.32	561.70
August-07	569.00	567.93	561.70
December-07	567.47	567.12	561.70

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

1150 SERIES PIEZOMETERS WATER LEVELS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDNGS, INC.

WELLS A Date	1154 (ft. AMSL)	1153 (ft. AMSL)	1151 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	571.87	571.86	567.84	561.85
May-07	568.44	569.06	567.66	561.85
August-07	569.87	568.63	567.35	561.85
December-07	569.27	569.06	566.70	561.85

WELLS B Date	1154 (ft. AMSL)	1153 (ft. AMSL)	1151 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	569.95	576.67	568.33	561.85
May-07	568.23	568.84	568.57	561.85
August-07	568.22	568.62	567.71	561.85
December-07	567.93	567.67	567.23	561.85

WELLS C Date	1154 (ft. AMSL)	1153 (ft. AMSL)	1151 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	569.23	576.68	569.81	561.85
May-07	568.73	570.56	569.82	561.85
August-07	568.21	570.25	568.21	561.85
December-07	568.39	570.13	566.17	561.85

WELLS D Date	1154 (ft. AMSL)	1153 (ft. AMSL)	1151 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	569.81	571.21	572.26	561.85
May-07	568.88	570.11	570.58	561.85
August-07	568.31	569.61	568.66	561.85
December-07	567.43	568.37	568.36	561.85

WELLS E Date	1153 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	570.07	561.85
May-07	569.54	561.85
August-07	569.20	561.85
December-07	569.47	561.85

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

1160 SERIES PIEZOMETERS WATER LEVELS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDNGS, INC.

WELLS A Date	10176 (ft. AMSL)	1165 (ft. AMSL)	1163 (ft. AMSL)	1162 (ft. AMSL)	1161 (ft. AMSL)	1160 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	568.65	576.50	569.16	570.01	565.84	565.47	560.60
May-07	566.22	576.30	569.28	570.42	566.26	565.92	560.60
August-07	565.58	575.85	569.12	570.06	565.09	564.68	560.60
December-07	566.65	575.57	569.14	569.69	564.95	564.87	560.60

WELLS B Date	10176 (ft. AMSL)	1165 (ft. AMSL)	1163 (ft. AMSL)	1161 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	568.33	579.84	569.70	567.31	560.60
May-07	566.13	579.78	570.25	567.93	560.60
August-07	565.54	579.39	569.95	566.89	560.60
December-07	566.46	579.11	569.45	567.17	560.60

WELLS C Date	10176 (ft. AMSL)	1165 (ft. AMSL)	1163 (ft. AMSL)	1162 (ft. AMSL)	1161 (ft. AMSL)	1160 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	565.58	580.70	570.05	570.35	568.85	565.76	560.60
May-07	565.20	580.90	570.75	570.30	569.39	565.65	560.60
August-07	564.97	580.24	570.50	569.74	569.02	566.02	560.60
December-07	564.84	579.53	569.78	569.37	568.73	565.98	560.60

WELLS D Date	10176 (ft. AMSL)	1165 (ft. AMSL)	1163 (ft. AMSL)	1162 (ft. AMSL)	1161 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	564.09	578.60	569.60	567.78	569.27	560.60
May-07	563.88	578.50	569.50	567.82	569.84	560.60
August-07	563.81	577.90	569.65	567.47	569.60	560.60
December-07	563.57	577.17	569.60	567.14	568.97	560.60

WELLS E Date	1161 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	566.43	560.60
May-07	567.03	560.60
August-07	566.27	560.60
December-07	565.87	560.60

Note:
(1) Wells listed in order from most distant outside of tile drain, to tile drain, then inside of tile drain.
NM Not Measured.

1170 SERIES PIEZOMETERS WATER LEVELS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDNGS, INC.

WELLS A Date	*1174* (ft. AMSL)	*1173* (ft. AMSL)	*1172* (ft. AMSL)	*1171* (ft. AMSL)	*1170* (ft. AMSL)	*Tile Drain* (ft. AMSL)
March-07	576.10	568.92	566.93	565.60	563.86	555.60
May-07	575.32	568.37	566.92	565.37	563.48	555.60
August-07	575.32	567.92	566.89	565.25	562.98	555.60
December-07	576.16	568.29	566.74	564.37	563.16	555.60

WELLS B Date	*1174* (ft. AMSL)	*1173* (ft. AMSL)	*1172* (ft. AMSL)	*1171* (ft. AMSL)	*1170* (ft. AMSL)	*Tile Drain* (ft. AMSL)
March-07	575.02	570.11	570.77	564.38	577.17	555.60
May-07	575.23	569.86	570.18	564.20	#N/A	555.60
August-07	575.33	569.56	569.46	564.11	#N/A	555.60
December-07	574.91	569.64	568.76	563.33	#N/A	555.60

WELLS C Date	*1174* (ft. AMSL)	*1173* (ft. AMSL)	*1172* (ft. AMSL)	*1171* (ft. AMSL)	*Tile Drain* (ft. AMSL)
March-07	574.77	572.05	570.10	563.85	555.60
May-07	574.41	572.13	570.04	563.45	555.60
August-07	574.63	571.34	569.47	563.44	555.60
December-07	574.59	570.45	568.87	563.04	555.60

WELLS D Date	*1174* (ft. AMSL)	*1173* (ft. AMSL)	*Tile Drain* (ft. AMSL)
March-07	572.55	572.90	555.60
May-07	572.13	571.73	555.60
August-07	571.86	570.94	555.60
December-07	572.18	570.60	555.60

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

1180 SERIES PIEZOMETERS WATER LEVELS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDNGS, INC.

WELLS

A	**1184**	**1183**	**1181**	**1180**	**Tile Drain**
Date	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**
March-07	564.88	565.49	567.43	563.55	560.00
May-07	564.74	565.10	567.20	563.39	560.00
August-07	563.72	564.88	567.09	563.18	560.00
December-07	563.41	564.32	566.51	562.89	560.00

WELLS

B	**1184**	**1183**	**1181**	**1180**	**Tile Drain**
Date	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**
March-07	565.40	565.80	568.24	561.82	560.00
May-07	564.44	565.38	567.10	561.64	560.00
August-07	563.52	564.80	566.84	561.66	560.00
December-07	563.22	564.22	567.65	561.72	560.00

WELLS

C	**1184**	**1183**	**1181**	**1180**	**Tile Drain**
Date	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**
March-07	570.25	567.55	571.34	563.19	560.00
May-07	567.30	567.79	568.68	0.00	560.00
August-07	564.55	566.74	568.53	0.00	560.00
December-07	563.73	567.33	570.57	0.00	560.00

WELLS

D	**1184**	**1183**	**Tile Drain**
Date	**(ft. AMSL)**	**(ft. AMSL)**	**(ft. AMSL)**
March-07	569.31	567.15	560.00
May-07	567.85	568.43	560.00
August-07	567.31	567.09	560.00
December-07	567.37	567.22	560.00

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

1190 SERIES PIEZOMETERS WATER LEVELS
LOVE CANAL LONG-TERM MONITORING PROGRAM
GLENN SPRINGS HOLDNGS, INC.

WELLS A Date	1194 (ft. AMSL)	1193 (ft. AMSL)	1192 (ft. AMSL)	1191 (ft. AMSL)	1190 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	565.02	566.22	565.00	566.33	565.99	554.80
May-07	564.40	565.78	564.47	566.30	564.74	554.80
August-07	563.90	565.40	563.88	566.11	563.93	554.80
December-07	563.60	565.11	563.58	565.58	565.61	554.80

WELLS B Date	1194 (ft. AMSL)	1193 (ft. AMSL)	1192 (ft. AMSL)	1191 (ft. AMSL)	1190 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	570.37	569.13	569.01	565.70	560.74	554.80
May-07	570.07	569.15	568.86	565.88	560.04	554.80
August-07	568.54	568.90	568.76	565.77	559.69	554.80
December-07	568.28	568.55	568.53	564.95	560.70	554.80

WELLS C Date	1194 (ft. AMSL)	1193 (ft. AMSL)	1192 (ft. AMSL)	1191 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	574.91	571.26	572.25	565.08	554.80
May-07	575.06	571.49	572.35	564.68	554.80
August-07	569.91	571.10	572.25	564.47	554.80
December-07	574.96	570.38	571.85	564.43	554.80

WELLS D Date	1194 (ft. AMSL)	1193 (ft. AMSL)	Tile Drain (ft. AMSL)
March-07	574.34	572.03	554.80
May-07	573.24	572.32	554.80
August-07	570.74	571.56	554.80
December-07	570.92	570.60	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

2007 LOVE CANAL MAINTENANCE AND ACTIVITIES
GLENN SPRINGS HOLDINGS, INC.

- QIS performed internal/external inspections on tanks and vessels.
- Annual inspection of the back-flow preventers.
- Repair to DDSF Building overhead door.
- Replace valves on carbon bed.
- Maintenance of flowerbeds and shrubs along Colvin Blvd. and Frontier Avenue.
- Replacement of Variable Frequency Drive (VFD) for the filter feed pump.
- Replacement of Pump Chamber 2A level transmitter.
- Replace PC-2 Pump.
- Front gate sensor loop replaced.
- Entry door hinges replace on Treatment Building and Administration Building.
- Upgrades to lighting in Treatment Building started.