2006 OPERATION/MONITORING REPORT
OCCIDENTAL CHEMICAL CORPORATION

LOVE CANAL SITE

NIAGARA FALLS, NY

Miller Springs Remediation Management, Inc.
Glenn Springs Holdings, Inc.

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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 Miller Springs Remediation Management, Inc. (MSRM), an affiliate of Occidental Chemical Corporation. This report is the twelfth annual report prepared by or on behalf of OxyChem and covers operating and monitoring activities for 2006.

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

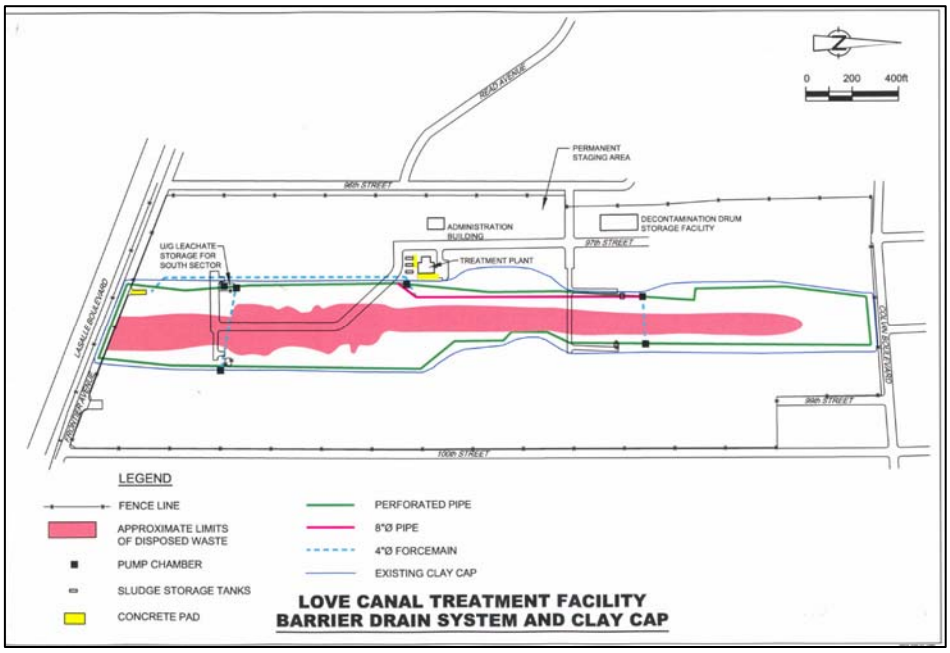
2.0 REMEDIAL SYSTEMS

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 (V2, 20,000 lbs. of activated carbon) was changed during 2006. An internal visual inspection of the bed was performed at the time of the change. No additional maintenance or repairs were required at that time.

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 2006):

- Clean out and inspection of storage tanks and pumping chambers.
- Replacement of walkway in front of treatment building.

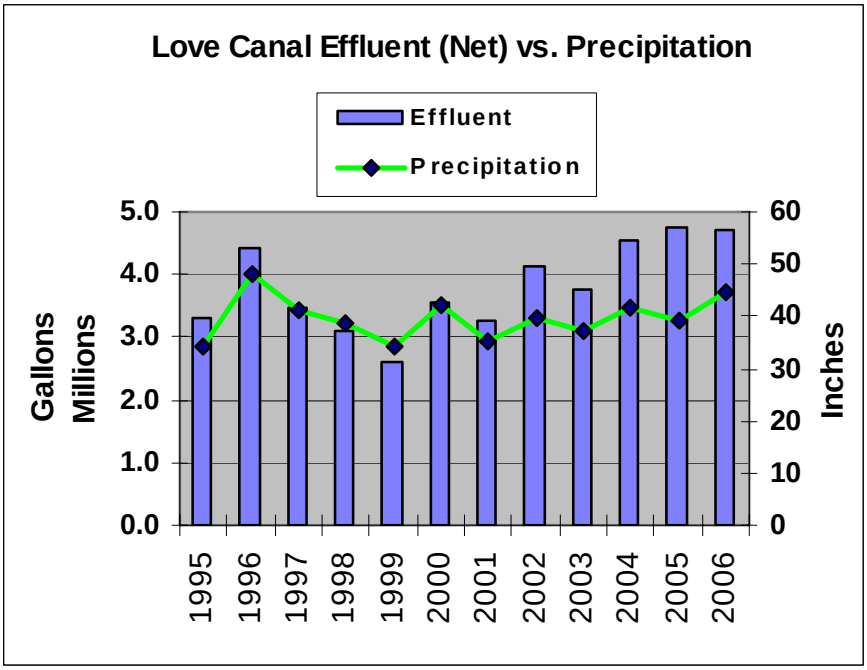
3.1.2 Effluent Discharge

The LCTF discharged to the Niagara Falls sanitary sewer system on 119 days in 2006.

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. During the year, the City of Niagara Falls requested several days to stop discharging.

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

- Total treated at LCTF (including 102nd Street): 5,055,800 gallons
- Total pumped from 102nd Street Site: 343,727 gallons
- Net Love Canal Collection: 4,712,073 gallons



Effluent Discharge

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

Table 3.1 shows the monthly total and average treated groundwater quantities for the 1995 to 2006 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 343,727 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 MSRM 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 44.41 inches (Buffalo Airport, National Weather Service data), compared to the average of 39.6 inches (1995 through 2006). Table 3.1 provides historic precipitation data from 1995 through 2006.

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 2006. In conjunction with the LTGMP and NYSDEC, thirty (30) wells were sampled for groundwater monitoring in 2006.

In 2006 NYSDEC selected and performed split sampling, which include nine (9) wells. The following wells listed below were split sampled:

Well	Well Type	Orientation	Date
6209	Overburden	Additional	06/20/06
7161	Overburden	Bi-Annual I	06/20/06
8106	Overburden	Additional	06/20/06
9205	Overburden	Annual	06/20/06
3257	Bedrock	Additional	06/20/06
5222	Bedrock	Annual	06/20/06
8210	Bedrock	Annual	06/20/06
10270	Bedrock	Additional	06/20/06
10278	Bedrock	Annual	06/20/06

The primary objective for the NYSDEC split sampling program is to verify that the data being collected and reported by MSRM 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 MSRM;
- verifying the laboratory analytical results reported by MSRM 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 fifteen (15) overburden and fifteen (15) 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 thirty-six (36) discrete compounds detected: eleven (11) 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 2006, well 10135 had twenty-six (26) 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 2006. This data shows that the compounds detected in 2006 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 one field duplicate, two rinse blanks and seven 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 200. The samples were submitted to Severn Trent Laboratories (STL), in Pittsburgh, PA, and analyzed for Site-specific volatiles, semi-volatiles, and pesticides/polychlorinated biphenyls (PCBs). As part of the sampling event and lab quality assurances, two (2) field duplicate samples, two (2) field blanks and a rinse blank were obtained along with seven trip blanks. Rinse blanks were collected and analyzed with the samples. All field duplicates showed acceptable comparability with the original sample results indicating acceptable analytical and field precision. 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 MSRM 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 2006 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 February, June, September, and December 2006. Figures 3.2 to 3.7 show the overburden groundwater flow conditions for June 2006 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 flow approximately the barrier drain was toward 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

Well 10178A required straightening of the outer casing no further well maintenance required on any other wells.

MSRM 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 (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 2006 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 influent flow actuator.
- Replacement of effluent flow meter.

4.2 NON-PROCESS ACTIVITIES

Activities that occurred throughout the year included the following:

- Repair of overhead doors on treatment building and the decon building.
- Side walk replacement in front of the treatment building.

4.3 COMMUNITY OUTREACH

Community Outreach programs during 2006 included such activities as beautification of the neighborhood and tours of the facility.

In 2006, Tony Blackmon and other members of MSRM collected toys through a Toy Fund Drive for needy children at the Community Mission in Niagara Falls, NY

Toy Fund Drive
Tony Blackmon delivering toys to Harriet Irby of the Community Mission in Niagara Falls, NY.

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 were 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. Guest in 2006 included the National Academies of Science, Engineered Barriers Committee; Hunter College/University of Medicine & Dentistry of NJ; and Dr. Kenji Furukawa professor of Graduate School of Science and Technology, Kumamoto University in Japan & guest.

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 2005 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 the semi-annual inspections of the Site's Treatment Facility in 2006. The inspections conclude that the Site was running properly in accordance with the Site's discharge permit. Additionally an annual verification sampling of the effluent discharge was performed by the City of Niagara Falls.

NYSDEC Region-9 performed a Site inspection in 2006. NYSDEC inspection concluded that the Site is being maintained and operated at all standards set by New York State Hazardous Waste Regulations with no exceptions.

4.4 WASTE GENERATION

A total of 72,585 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 2006 was sent for incineration.

Roll-Off Bins

Used to Ship out Bulk Spent Carbon for Incineration.

The waste was itemized as follows:

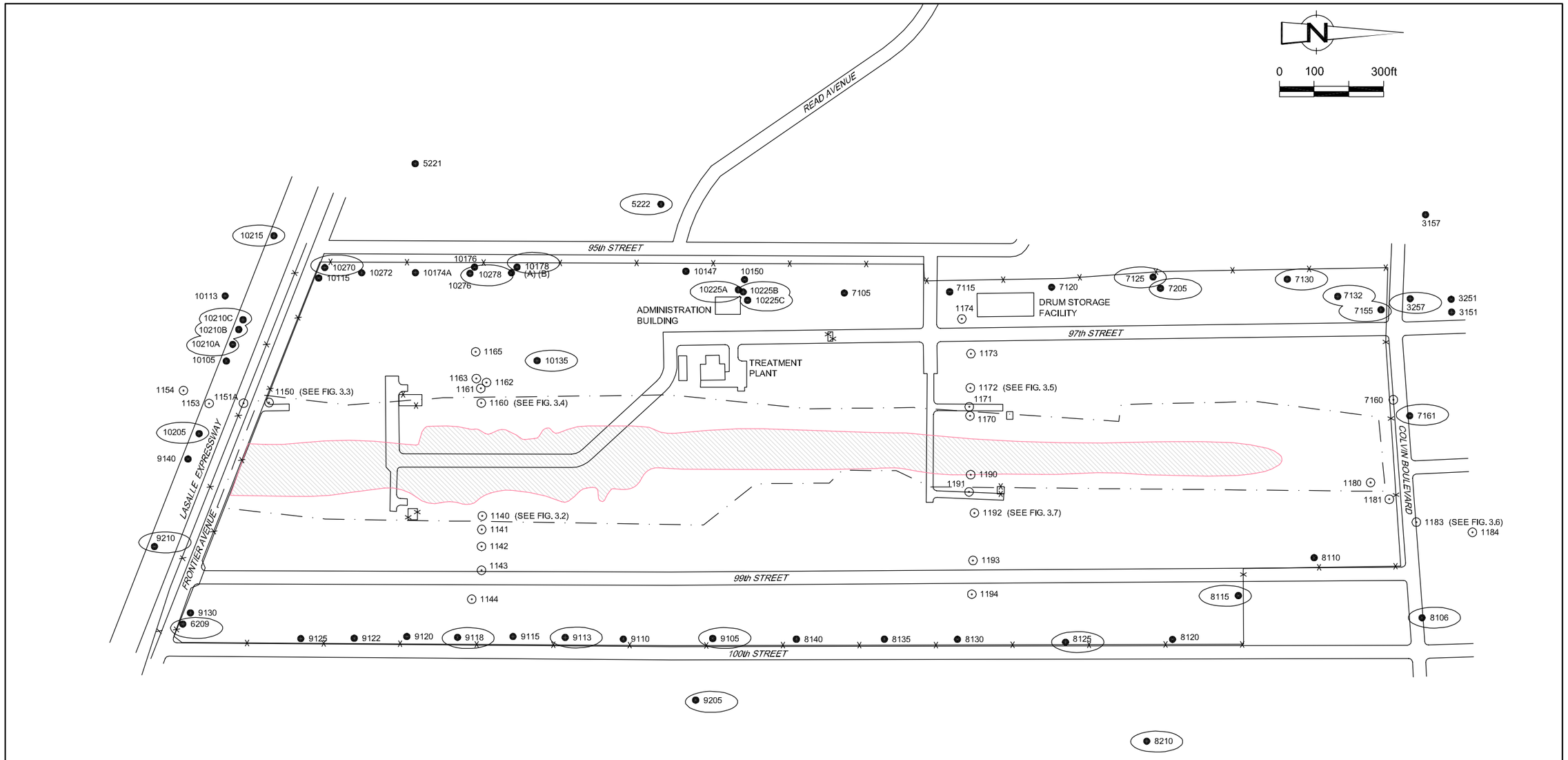
- Spent carbon used in the treatment process totaled 35,720 pounds.
- Debris/filters/PPE totaled 3,685 pounds.
- NAPL from cleanout of storage and collection wells totaled 33,180 pounds.

5.0 CONCLUSION

The 2006 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. 5,055,800 gallons of leachate were treated and discharged from the Site, of which 4,712,073 gallons of leachate were collected on-Site and the remaining 343,727 gallons were pumped from the 102nd Street Site.

FIGURES

FIGURES

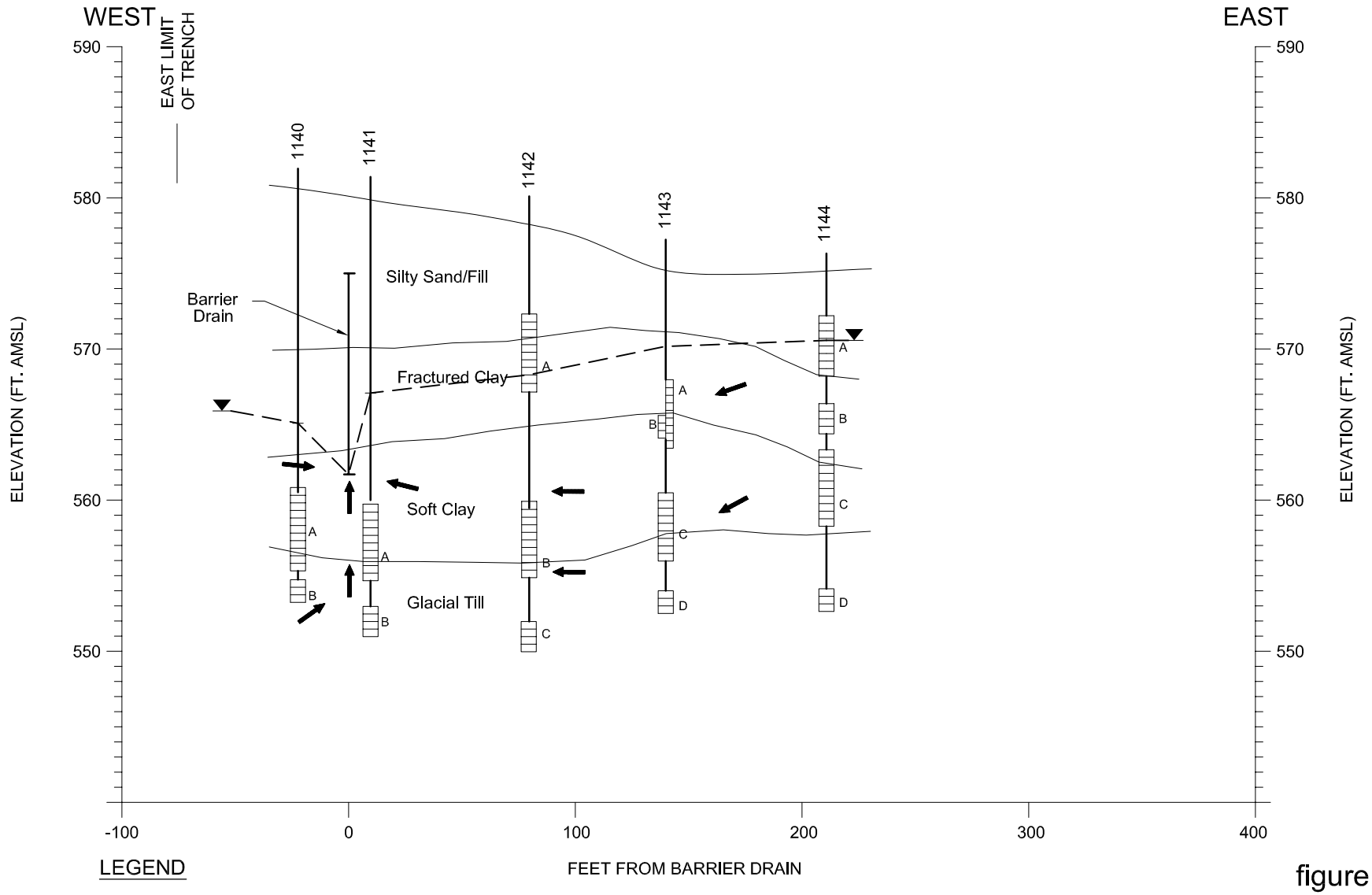


LEGEND

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

figure 3.1

2006 GROUNDWATER MONITORING PROGRAM
LOVE CANAL
Miller Springs Remediation Management



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

JUNE 2006 FLOW DIAGRAM 1140 SERIES PIEZOMETERS LOVE CANAL

Miller Springs Remediation Management

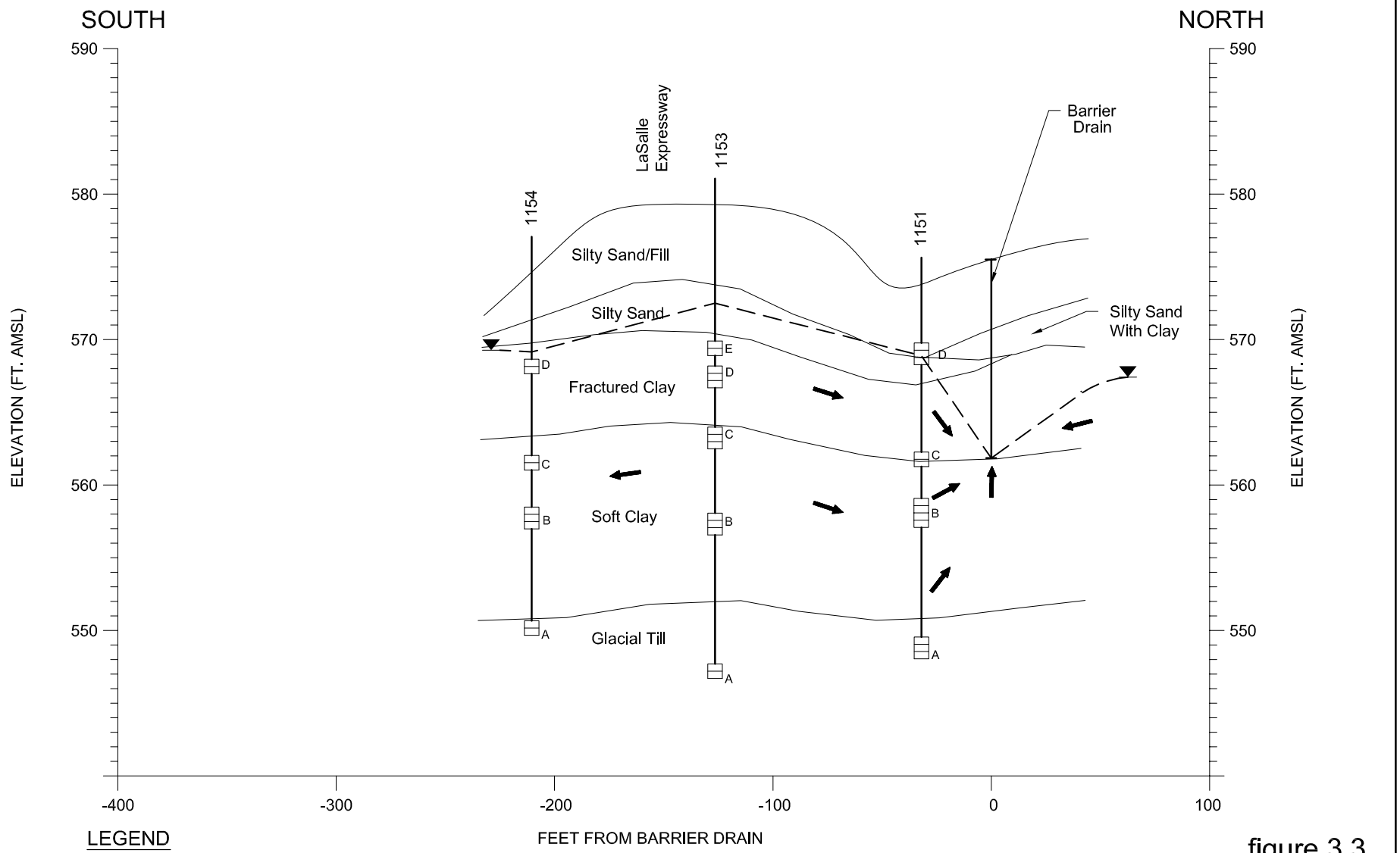


figure 3.3

JUNE 2006 FLOW DIAGRAM
1150 SERIES PIEZOMETERS
LOVE CANAL
Miller Springs Remediation Management

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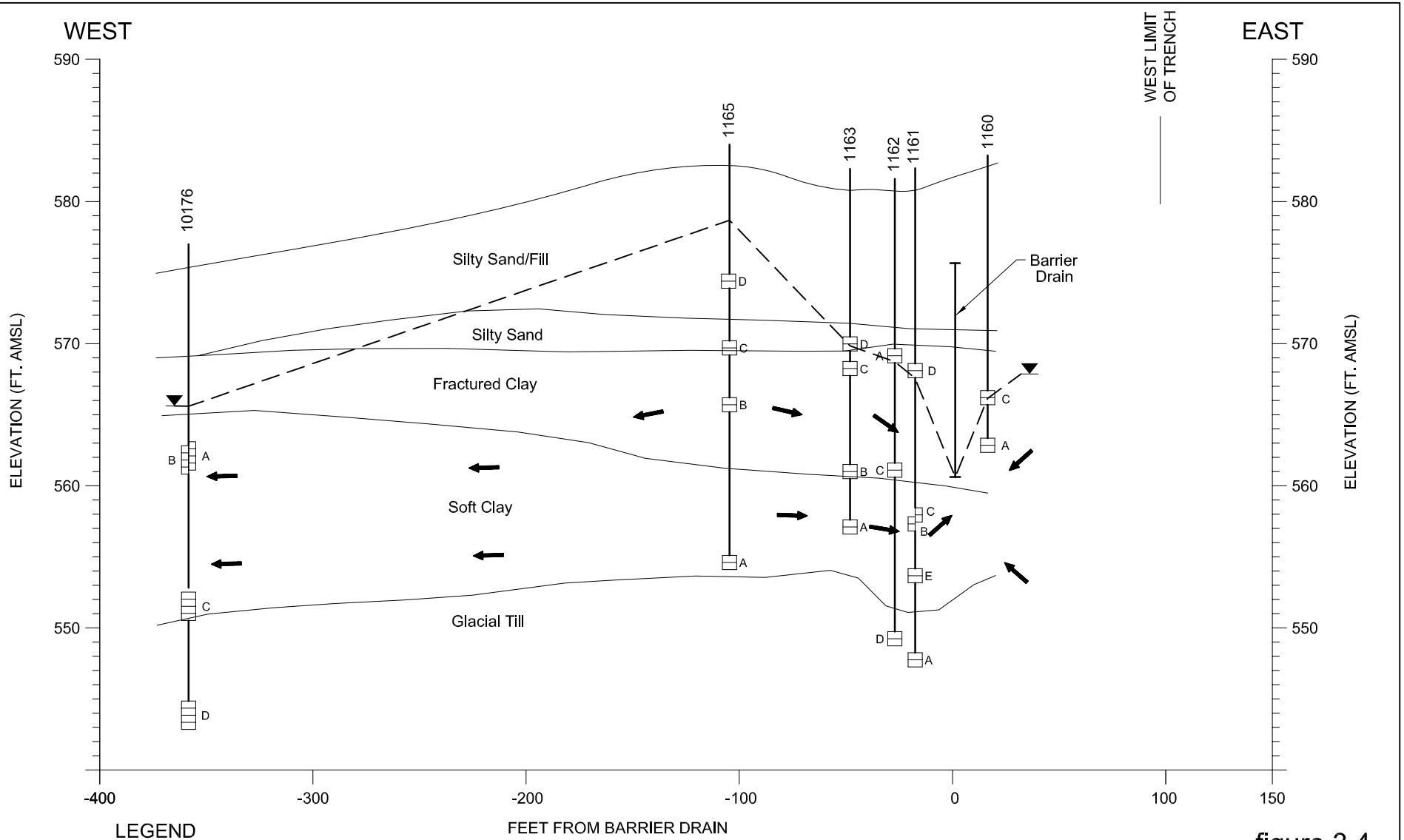


LEGEND

A PIEZOMETER DESIGNATION

GROUNDWATER LEVEL

FLOW DIRECTION

SCREENED INTERVAL

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

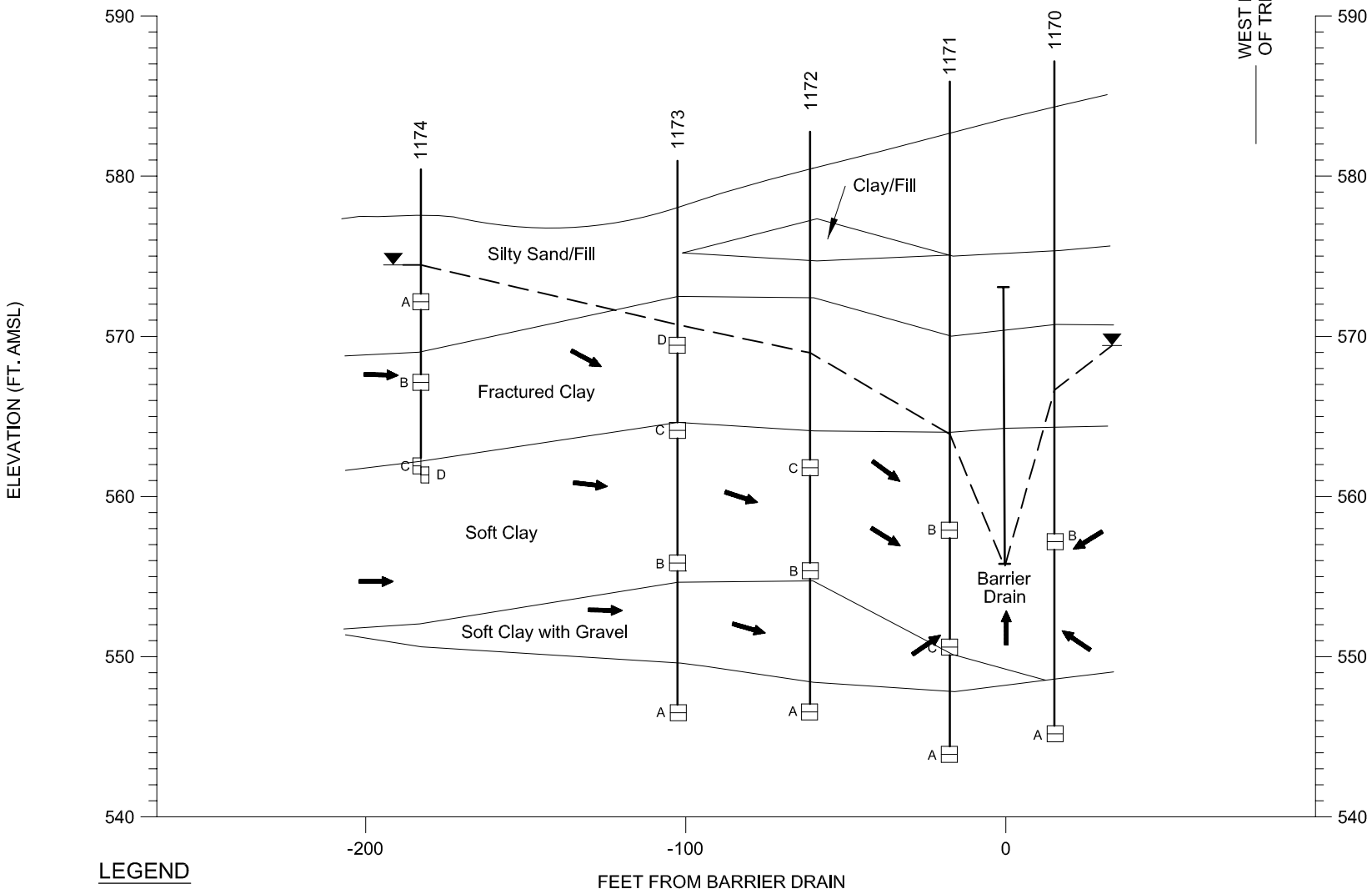
(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

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

figure 3.4

JUNE 2006 FLOW DIAGRAM 1160 SERIES PIEZOMETER LOVE CANAL

Miller Springs Remediation Management



LEGEND

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

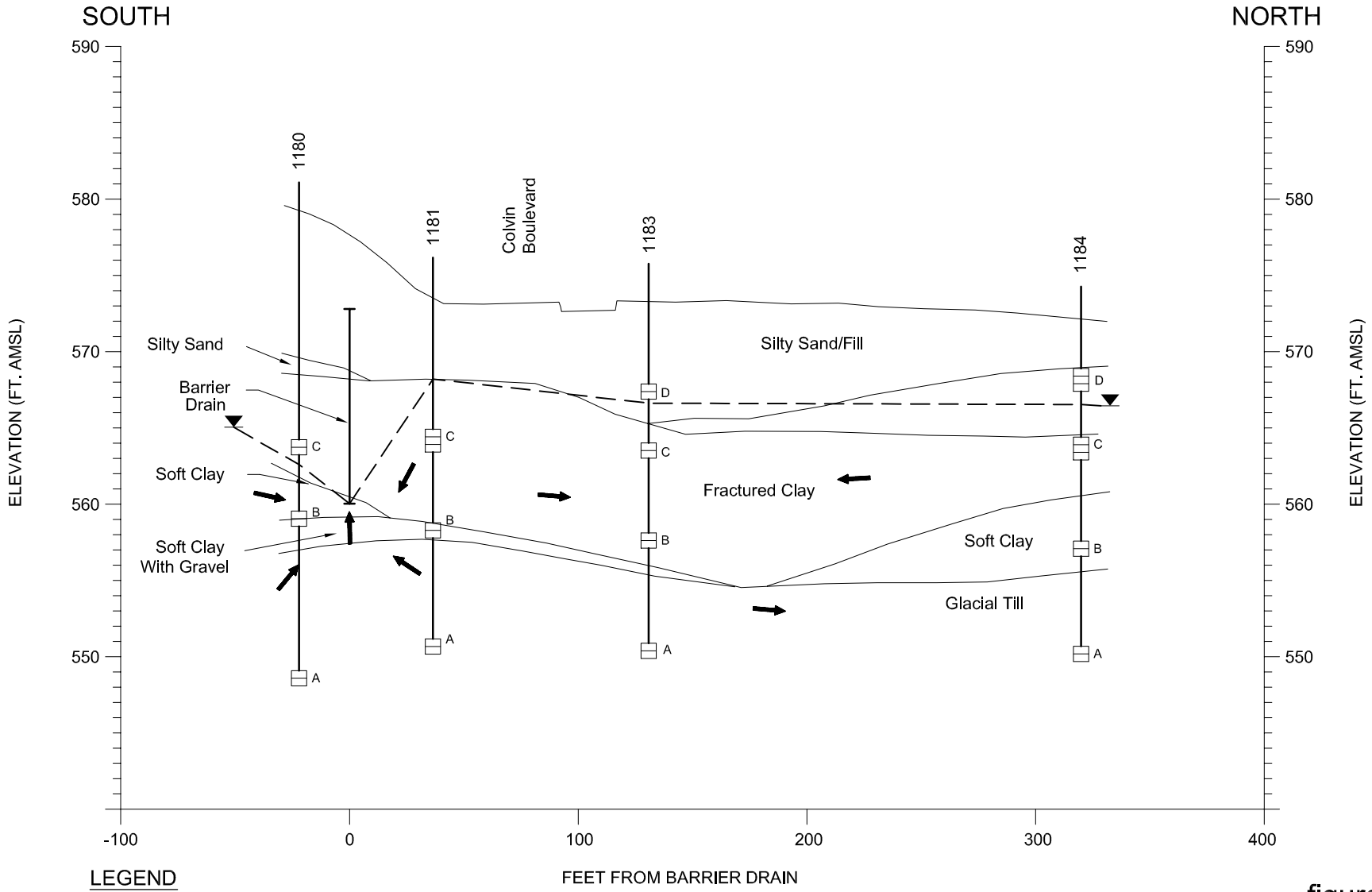
NOTE: (1) GROUNDWATER LEVEL SHOWN IS FOR UPPERMOST MONITORED INTERVAL

(2) PIEZOMETERS WERE INSTALLED IN SEPARATE BOREHOLES.

figure 3.5

JUNE 2006 FLOW DIAGRAM 1170 SERIES PIEZOMETERS LOVE CANAL

Miller Springs Remediation Management



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

JUNE 2006 FLOW DIAGRAM 1180 SERIES PIEZOMETERS LOVE CANAL

Miller Springs Remediation Management

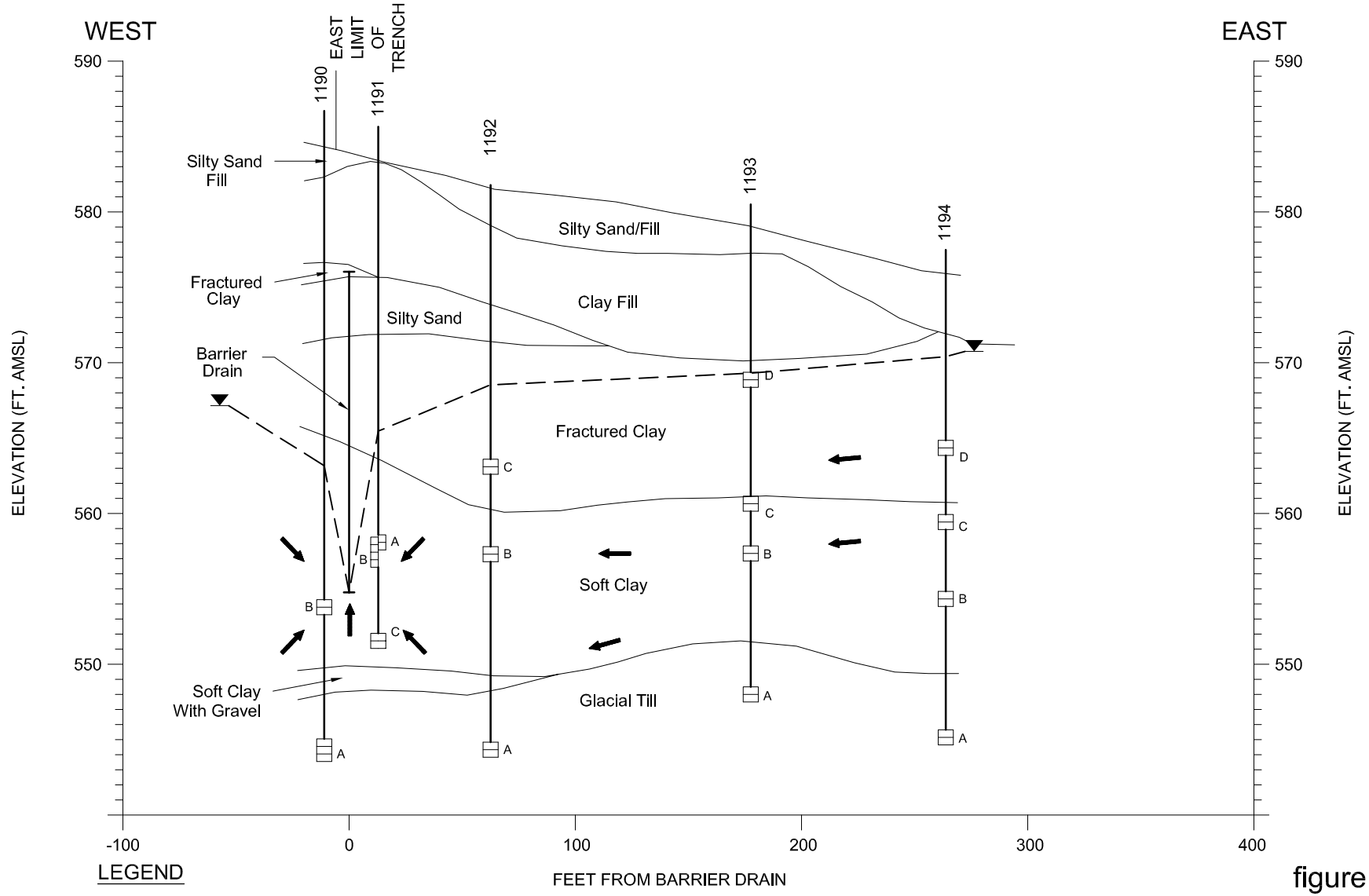


figure 3.7

JUNE 2006 FLOW DIAGRAM
1190 SERIES PIEZOMETERS
LOVE CANAL
Miller Springs Remediation Management

TABLES

TABLE 3.1

MONTHLY VOLUMES OF GROUNDWATER TREATED
LOVE CANAL LEACHATE TREATMENT FACILITY
OCCIDENTAL CHEMICAL CORPORATION
Volume (gal)

		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
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**
	Net (2)	-	-	-	-	335700	280364	282480	422682	374123	260171	796,518	817,305
	Days (3)	N/A	N/A	N/A	N/A	N/A	21	20	21	14	10	17	16
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**
	Net	-	-	-	-	270,100	368,492	468,863	608,116	231,049	291,082	401,137	405,124
	Days	N/A	N/A	N/A	N/A	N/A	21	19	20	13	9	11	9
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**
	Net	-	-	-	-	321558	290501	493476	316696	667337	986332	667,105	402,047
	Days	N/A	N/A	N/A	N/A	N/A	23	21	21	17	21	13	13
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**
	Net	-	-	-	-	296,535	547,926	262,946	629,683	380,745	767,982	769,514	155,028
	Days	N/A	N/A	N/A	N/A	N/A	20	20	20	16	17	14	6
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**
	Net	-	-	-	-	123790	335331	207580	532251	379299	294612	156,846	93,394
	Days	N/A	N/A	N/A	N/A	N/A	20	17	20	14	10	5	4
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**
	Net	-	-	-	-	63,658	486,721	132,132	347,485	303,576	208,659	118,979	104,449
	Days	N/A	N/A	N/A	N/A	N/A	20	16	14	13	9	6	5
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**
	Net	-	-	-	-	104649	184955	111941	145344	142849	111217	78,234	183,084
	Days	N/A	N/A	N/A	N/A	N/A	20	16	16	11	7	3	5
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**
	Net	-	-	-	-	97,423	286,925	194,821	107,928	114,497	269,934	55,055	293,900
	Days	N/A	N/A	N/A	N/A	N/A	23	18	17	8	10	5	10
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**
	Net	-	-	-	-	62759	82263	81619	94401	60350	435482	284,315	213,343
	Days	N/A	N/A	N/A	N/A	N/A	20	16	12	7	12	8	7
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**
	Net	-	-	-	-	175,837	134,248	348,153	108,226	157,120	94,476	445,560	892,734
	Days	N/A	N/A	N/A	N/A	N/A	20	18	13	9	4	10	18
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**
	Net	-	-	-	-	344145	132728	194481	306258	310650	186999	494,443	658,765
	Days	N/A	N/A	N/A	N/A	N/A	17	16	14	12	5	14	14
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**
	Net	-	-	-	-	397,912	421,149	475,856	496,556	643,735	622,403	476,165	492,900
	Days	N/A	N/A	N/A	N/A	N/A	17	18	15	14	14	12	12
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**
	Net	**-**	**-**	**-**	**-**	**2594066**	**3551603**	**3254348**	**4115626**	**3765330**	**4529349**	**4,743,871**	**4,712,073**
	Days	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**242**	**215**	**203**	**148**	**128**	**118**	**119**
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**
Average	Net	-	-	-	-	216172.1667	295966.9167	271195.6667	342968.8333	313777.5	377445.75	395,323	392,673
	Days	N/A	N/A	N/A	N/A	N/A	20.16666667	17.91666667	16.91666667	12.33333333	10.66666667	10	10
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**

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
2005 LONG-TERM MONITORING PROGRAM
LOVE CANAL
OCCIDENTAL CHEMICAL CORPORATION

Overburden Wells	*Well*	*VOCs*	*SVOCs*	*Pesticides/PCBs*
6209	X	1	U	2
7115	B-II	U	1	U
7125	B-II	U	1	U
7130	A	U	U	1
7132	A	U	1	3
7161	B-I	U	U	1
8106	X	U	U	U
8115	B-II	U	1	U
8125	B-II	U	1	U
9105	B-II	U/U	1/1	U/U
9113	B-II	U	1	U
9118	A	U	1	U
9205	A	U	U	U
10135	A	9	13	4
10178A	B-II	U	1	U
		10	**21**	**11**
Bedrock Wells				
3257	X	U	U	U
5222	A	1	1	2
7205	A	U	1	2
8210	A	U	U	1
9210	A	U	1	U
10205	A	1	1	4
10215	X	1/U	U/1	1/U
10270	X	2	U	1
10278	A	1	U	U
10210A	A	1	1	U
10210B	A	1	2	5
10210C	A	2	2	7
10225A	A	1	2	3
10225B	A	1	U	2
10225C	A	3	U	3
		14	**11**	**30**
Total # of Detections		**24**	**32**	**41**

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 SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK
2006

		Sample Location:	3257	5222	6209	7115	7125	7130	7132	7161	7205	8106	8115	8125	8210
		Sample ID:	LC-3257-606	LC-5222-606	LC-6209-606	LC-7115-606	LC-7125-606	LC-7130-606	LC-7132-606	LC-7161-606	LC-7205-606	LC-8106-606	LC-8115-606	LC-8125-606	LC-8210-606
		Sample Date:	6/20/2006	6/20/2006	6/20/2006	6/21/2006	6/21/2006	6/21/2006	6/22/2006	6/20/2006	6/21/2006	6/20/2006	6/21/2006	6/21/2006	6/20/2006
Volatile Organic Compounds		*Units*													
Acetone		ug/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide		ug/L	10 U	10 U	1 J	10 U	10 U	10 U	10 U	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	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	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		ug/L	10 U	10 U	10 U	10 U	10 U	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	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	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	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	10 U	10 U	10 U	10 U	10 U
Trichloroethene		ug/L	10 U	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Discrete Compounds	**11**	0	1	1	0	0	0	0	0	0	0	0	0	0
Semi-Volatile Organic Compounds															
1,2,4-Trichlorobenzene		ug/L	10 U	3 J	10 U	10 U	10 U	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	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	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	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol		ug/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4-Dichlorophenol		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol		ug/L	10 U	10 U	10 U	10 U	10 U	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	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	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	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	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate		ug/L	10 U	10 U	10 U	7 J	4 J	10 U	8 J	10 U	4 J	10 U	13	5 J	10 U
Phenol		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Discrete Compounds	**13**	0	1	0	1	1	0	1	0	1	0	1	1	0
Pesticides															
4,4'-DDD		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
4,4'-DDE		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
4,4'-DDT		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
Aldrin		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
alpha-BHC		ug/L	.05 U	.042 J	.012 J	.05 U	.05 U	.05 U	.014 J	.01 J	.023 J	.05 U	.05 U	.05 U	.05 U
beta-BHC		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
delta-BHC		ug/L	.05 U	.013 J	.01 J	.05 U	.05 U	.018 J	.025 J	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Endosulfan I		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.018 J
Endosulfan sulfate		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
Endrin		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
gamma-BHC (Lindane)		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.014 J	.05 U	.0099 J	.05 U	.05 U	.05 U	.05 U
gamma-Chlordane		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
	Discrete Compounds	**12**	0	2	2	0	0	1	3	1	2	0	0	0	1
	Total Discrete Compounds	**36**	0	4	3	1	1	1	4	1	3	0	1	1	1

Notes: Estimated.
J Non-detect at associated value.
U The analyte was not detected above the sample
UJ no detected quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 3.3
ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK
2006

		Sample Location:	9105	9105	9113	9118	9205	9210	10135	10178A	10205	10210A	10210B	10210C
		Sample ID:	LC-9105-606	LC-9140-606	LC-9113-606	LC-9118-606	LC-9205-606	LC-9210-606	LC-10135-606	LC-10178A-606	LC-10205-606	LC-10210A-706	LC-10210B-606	LC-10210C-606
		Sample Date:	6/21/2006	6/21/2006	6/21/2006	6/21/2006	6/20/2006	6/27/2006	6/26/2006	6/27/2006	6/27/2006	7/6/2006	6/28/2006	6/28/2006
Volatile Organic Compounds		*Units*												
Acetone		ug/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 U	200 J	10 U	10 U	12 U	10 U	10 U
Benzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	6800	10 U	10 U	10 U	10 U	10 U
Carbon disulfide		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	330 U	10 U	1 J	1 J	1 J	10 U
Chlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	2400	10 U	10 U	10 U	10 U	2 J
Chloroform (Trichloromethane)		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	110 J	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	630	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	44 J	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	330 U	10 U	10 U	10 U	10 U	6 J
Toluene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	21000	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	52 J	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	46 J	10 U	10 U	10 U	10 U	10 U
	Discrete Compounds	**11**	0	0	0	0	0	0	9	0	1	1	1	2
Semi-Volatile Organic Compounds														
1,2,4-Trichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	63	10 U	10 U	10 U	10 U	6 J
1,2-Dichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	37	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	3 J	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	100	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol		ug/L	25 U	25 U	25 U	25 U	25 U	25 U	8 J	25 U	25 U	25 U	25 U	25 U
2,4-Dichlorophenol		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	250	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	18	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	33	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 UJ	14000 J	50 UJ	50 UJ	50 UJ	2 J	50 UJ
Benzyl Alcohol		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	48	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	24	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate		ug/L	15	7 J	3 J	4 J	10 U	6 J	53	38	9 J	8 J	3 J	5 J
Phenol		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	140	10 U	10 U	10 U	10 U	10 U
	Discrete Compounds	**13**	1	1	1	1	0	1	13	1	1	1	2	2
Pesticides														
4,4'-DDD		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	1 U	.1 U	.13 J	.1 U	.1 U	R
4,4'-DDE		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	1 U	.1 U	.036 J	.1 U	.1 U	R
4,4'-DDT		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	1 U	.1 U	.77 J	.1 U	.1 U	R
Aldrin		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	R	.5 U	.05 U	R	.05 U	.0089 J	.061 J
alpha-BHC		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	35	.05 U	R	.05 U	.58	.45 J
beta-BHC		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	7.1	.05 U	R	.05 U	.082	.048 J
delta-BHC		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	13	.05 U	R	.05 U	.047 J	.052 J
Endosulfan I		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.5 U	.05 U	R	.05 U	.05 U	R
Endosulfan sulfate		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	1 U	.1 U	.019 J	.1 U	.1 U	R
Endrin		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	1 U	.1 U	R	.1 U	.1 U	.14 J
gamma-BHC (Lindane)		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 UJ	4.8	.05 U	R	.05 U	.099	.11 J
gamma-Chlordane		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.33 J	.05 U	R	.05 U	.05 U	.018 J
	Discrete Compounds	**12**	0	0	0	0	0	0	4	0	4	0	5	7
	Total Discrete Compounds	**36**	1	1	1	1	0	1	26	1	6	2	8	11

Notes: Estimated.
J Non-detect at associated value.
U The analyte was not detected above the sample
UJ no detected quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 3.3
ANALYTICAL RESULTS SUMMARY
LONG-TERM MONITORING PROGRAM
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
LOVE CANAL
NIAGARA FALLS, NEW YORK
2006

		Sample Location:	10215	10215	10225A	10225B	10225C	10270	10278
		Sample ID:	LC-10215-606	LC-8225-606	LC-10225A-606	LC-10225B-606	LC-10225C-606	.C-10270-60(	C-10278-60(
		Sample Date:	6/27/2006	6/27/2006	6/26/2006	6/26/2006	6/22/2006	6/20/2006	6/20/2006
Volatile Organic Compounds		***Units***							
Acetone		ug/L	10 U	10 U	11 U	15 U	10 U	10 U	14 U
Benzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide		ug/L	4 J	10 U	21	11	10 U	1 J	1 J
Chlorobenzene		ug/L	10 U	10 U	10 U	10 U	2 J	10 U	10 U
Chloroform (Trichloromethane)		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		ug/L	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
Tetrachloroethene		ug/L	10 U	10 U	10 U	10 U	12	10 U	10 U
Toluene		ug/L	10 U	10 U	10 U	10 U	10 U	1 J	10 U
trans-1,2-Dichloroethene		ug/L	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	4 J	10 U	10 U
	Discrete Compounds	**11**	1	0	1	1	3	2	1
Semi-Volatile Organic Compounds									
1,2,4-Trichlorobenzene		ug/L	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
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
2,4,5-Trichlorophenol		ug/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4-Dichlorophenol		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol		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
Benzoic acid		ug/L	50 UJ	50 UJ	11 J	50 UJ	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	10 U	3 J	4 J	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**	0	1	2	0	0	0	0
Pesticides									
4,4'-DDD		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
4,4'-DDE		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
4,4'-DDT		ug/L	.066 J	.1 U	.1 U	.034 J	.1 U	.1 U	.1 U
Aldrin		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
alpha-BHC		ug/L	.05 U	.05 U	.024 J	.05 U	.064 J	.05 U	.05 U
beta-BHC		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.011 J	.05 U
delta-BHC		ug/L	.05 U	.05 U	.16 J	.05 U	.012 J	.05 U	.05 U
Endosulfan I		ug/L	.05 U	.05 U	.02 J	.05 U	.05 U	.05 U	.05 U
Endosulfan sulfate		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
Endrin		ug/L	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U
gamma-BHC (Lindane)		ug/L	.05 U	.05 U	.032 J	.015 J	.016 J	.05 U	.05 U
gamma-Chlordane		ug/L	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
	Discrete Compounds	**12**	1	0	3	2	3	1	0
	Total Discrete Compounds	**36**	2	1	6	3	6	3	1

Notes: Estimated.
J Non-detect at associated value.
U The analyte was not detected above the sample
UJ no detected quantitation limit. The reported quantitation limit is an estimated quantity.

SUMMARY OF DETECTED COMPOUNDS FOR SELECTED WELLS, 1990 TO 2005
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

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
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
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.

SUMMARY OF DETECTED COMPOUNDS FOR SELECTED WELLS, 1990 TO 2005
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

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
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
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
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 est
C - Confirmed data.
J - Estimated Concentration.
JN - Presumptively present at the associate
D - Diluted Sampled.
E - Exceeded calibration range of the instr
P - Greater than 25% difference for detect

SUMMARY OF DETECTED COMPOUNDS FOR SELECTED WELLS, 1990 TO 2005
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

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
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 est
C - Confirmed data.
J - Estimated Concentration.
JN - Presumptively present at the associate
D - Diluted Sampled.
E - Exceeded calibration range of the instr
P - Greater than 25% difference for detect

SUMMARY OF DETECTED COMPOUNDS FOR SELECTED WELLS, 1990 TO 2005
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

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
Volatiles (ug/L)															
1,1,2,2-Tetrachloroethane		12			26		94J	32/29	27J/26J	100J/120J	500U/56	38			
1,1,2-Trichloroethane					14		29J	15/12	14J/16J	29J/34J	500U/27				
1,1-Dichloroethane		15						4J/3J	4J/4J	4J/4J	500U/4J	3 J			
1,2-Dichloroethene (total)	700	840			560		58J	67/70	67J/70J	60J/59J		490 J			682 J
2-Butanone		5200							10UJ/10J	12J/11J					
2-Hexanone															
Acetone		270	100B		60		110J		28J/46J		500U/72	74			200 J
Benzene			6000E	4900D	4800	5600/5000	5300J	5600/5700	6400/6900J	7600/8500J	5900/6400	5500			6800
Carbon Disulfide								ND/2J							
Chlorobenzene	2600	1700		2000D	1500	2300/ND	1900J	1800/1900	2300J/2300J	2700J/3000J	2200/2400	1900		2000	2400
Chloroform		100			110		150J	120/110	100J/130J	150J/160J	500U/160	110			110 J
Ethylbenzene		13					12	10J/9J	12J/12J	22J/24J	500U/15	10			
Methylene Chloride		41			11				24J/24J		500U/39	26			44 J
Tetrachloroethene							40J	13/12	16J/14J	50J/61J	500U/38	18			
Toluene	2700	1700E	21500BE	18000D	14000	19000/17000	16000J	16000/17000	21000J/21000J	22000/24000	20000J/19000	15000		16000	21000
Trichloroethene		24			36		170J	70/58	60J/72J	140J/180J	130J/160	91			46 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			
Semi-volatiles (ug/L)															
1,2,4-Trichlorobenzene		74	87B				78J	65J/45J	45J/36J	42J/65J		97 J		4.5 J	63
1,2-Dichlorobenzene		35						30J/24J	22J/18J	ND/48J		59 J		36 J	37
1,3-Dichlorobenzene															3 J
1,4-Dichlorobenzene	110	94	91					74J/61J	59J/52J	69J/110J		160 J		100 J	100
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
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
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	
Benzoic Acid				6400D	4000	30000J/27000J	23000J	5000/4300	19000J/4700J	4400J/6200J	25000/31000	26000		1400 J	14000 J
Benzyl Alcohol				380		1900/1600	2700	540/680	14000/3200J	330J/630J	1700J/2000	640		23 J	48
Bis(2-Chloroethyl)Ether		23					24J	26J/25J						24 J	24
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
Pesticides/PCBs (ug/L)															
4,4'-DDD								0.020J/0.21	0.071J/0.13J					0.19 J	
Aldrin	0.53	0.24P						0.21J/0.74JN		0.95JN/1.5JN	0.12J/0.12J				
Alpha-BHC	84	42C	24CEP	28D	29	39/39	59	37J/40	50/50	43J/50J	39/43	49		15	
Alpha-Chlordane											0.031J/0.017J				
Beta-BHC				10D	11	8.1/8.6	12	11J/12	15/16	16J/16J	13J/14J	15 J		3.4	7.1
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
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			
Endrin			0.15P												
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
Gamma-Chlordane									0.16J/0.18J		0.34J/0.29J				.33 J
Heptachlor								0.68JN/0.63				0.61 J		0.053	
Heptachlor epoxide								0.058J/0.043J	0.029J/0.031J		0.016J/0.025J	2.2 J			

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

TABLE 3.5A

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

A WELLS

Well (1)	*1144*	*1143*	*1142*	*1141*	*Tile Drain*	*1140*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	574.47	571.84	570.75	566.56	561.70	564.47
June-06	573.22	571.09	570.25	566.43	561.70	564.30
September-06	573.54	570.45	569.81	566.83	561.70	564.96
December-06	574.34	571.85	570.77	567.60	561.70	566.02

B WELLS

Well (1)	*1144*	*1143*	*1142*	*1141*	*Tile Drain*	*1140*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	572.13	571.77	567.97	567.01	561.70	564.88
June-06	570.90	571.11	567.70	567.28	561.70	564.59
September-06	571.46	570.38	568.04	567.17	561.70	565.25
December-06	571.97	571.78	568.48	567.86	561.70	566.16

C WELLS

Well (1)	*1144*	*1143*	*1142*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	571.69	570.01	566.30	561.70
June-06	570.52	569.60	566.20	561.70
September-06	570.60	569.51	566.29	561.70
December-06	571.74	570.43	566.86	561.70

D WELLS

Well (1)	*1144*	*1143*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	569.65	568.12	561.70
June-06	569.60	568.00	561.70
September-06	569.06	567.98	561.70
December-06	570.30	568.79	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
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1)	*1154*	*1153*	*1151*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	571.07	571.83	567.95	561.85
June-06	567.91	568.78	567.41	561.85
September-06	570.87	569.91	567.38	561.85
December-06	571.17	570.58	568.09	561.85

B WELLS

Well (1)	*1154*	*1153*	*1151*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	568.67	576.67	568.40	561.85
June-06	567.91	568.45	568.08	561.85
September-06	568.83	574.94	568.18	561.85
December-06	569.60	575.17	568.98	561.85

C WELLS

Well (1)	*1154*	*1153*	*1151*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	568.83	577.68	569.73	561.85
June-06	568.33	569.85	569.21	561.85
September-06	568.58	575.08	568.14	561.85
December-06	568.87	575.44	569.67	561.85

D WELLS

Well (1)	*1154*	*1153*	*1151*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	568.91	575.31	572.48	561.85
June-06	568.48	570.21	569.29	561.85
September-06	569.08	572.11	568.55	561.85
December-06	569.41	572.4	570.63	561.85

E WELLS

Well (1)	*1153*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*
February-06	576.80	561.85
June-06	569.40	561.85
September-06	569.58	561.85
December-06	569.80	561.85

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

TABLE 3.5C

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

A WELLS

Well (1)	*10176*	*1165*	*1163*	*1162*	*1161*	*Tile Drain*	*1160*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	567.62	576.22	569.40	570.24	565.60	560.60	565.54
June-06	566.05	575.90	568.80	570.20	564.81	560.60	564.39
September-06	567.58	575.74	569.46	570.07	565.15	560.60	564.90
December-06	567.16	576.37	569.87	570.12	566.63	560.60	566.55

B WELLS

Well (1)	*10176*	*1165*	*1163*	*1161*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	567.46	579.87	569.90	567.04	560.60
June-06	566.00	579.38	570.28	566.61	560.60
September-06	567.26	579.65	569.98	566.94	560.60
December-06	567.12	580.26	569.95	568.24	560.60

C WELLS

Well (1)	*10176*	*1165*	*1163*	*1162*	*1161*	*Tile Drain*	*1160*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	565.88	580.67	570.20	569.92	568.67	560.60	565.40
June-06	564.90	580.40	569.70	569.69	568.95	560.60	565.81
September-06	565.83	580.30	570.50	569.80	568.64	560.60	566.13
December-06	566.32	580.90	570.20	570.20	569.35	560.60	566.00

D WELLS

Well (1)	*10176*	*1165*	*1163*	*1162*	*1161*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	NM	578.4	569.40	568.01	569.44	560.60
June-06	563.70	578.14	570.48	567.14	569.60	560.60
September-06	564.50	577.90	569.65	567.63	569.59	560.60
December-06	564.93	578.55	569.60	567.86	569.32	560.60

E WELLS

Well (1)	*1161*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*
February-06	566.41	560.60
June-06	565.29	560.60
September-06	565.79	560.60
December-06	567.49	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.

TABLE 3.5D

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

A WELLS

Well (1)	*1174*	*1173*	*1172*	*1171*	*Tile Drain*	*1170*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	575.97	569.04	566.77	564.87	555.60	565.34
June-06	575.27	568.29	566.81	564.70	555.60	562.98
September-06	575.27	568.45	566.65	564.45	555.60	563.07
December-06	575.55	572.14	566.78	565.38	555.60	563.93

B WELLS

Well (1)	*1174*	*1173*	*1172*	*1171*	*Tile Drain*	*1170*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	575.03	570.22	570.92	563.68	555.60	572.74
June-06	574.99	569.52	569.83	563.43	555.60	564.55
September-06	575.26	569.74	569.73	563.17	555.60	571.06
December-06	575.23	570.54	570.83	564.03	555.60	569.41

C WELLS

Well (1)	*1174*	*1173*	*1172*	*1171*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	574.57	572.03	570.03	563.45	555.60
June-06	574.20	571.63	569.72	562.84	555.60
September-06	574.88	571.10	569.45	562.76	555.60
December-06	575.14	572.05	570.17	564.01	555.60

D WELLS

Well (1)	*1174*	*1173*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	572.63	572.35	555.60
June-06	571.87	571.30	555.60
September-06	572.23	570.93	555.60
December-06	573.05	572.30	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
LOVE CANAL LONG-TERM MONITORING PROGRAM
OCCIDENTAL CHEMICAL CORPORATION

A WELLS

Well (1)	*1184*	*1183*	*1181*	*Tile Drain*	*1180*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	564.25	565.39	567.70	560.00	563.08
June-06	564.46	565.29	566.70	560.00	562.94
September-06	564.46	565.83	567.14	560.00	563.04
December-06	564.61	565.68	567.86	560.00	563.61

B WELLS

Well (1)	*1184*	*1183*	*1181*	*Tile Drain*	*1180*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	564.63	565.60	567.82	560.00	561.78
June-06	563.88	565.11	566.85	560.00	561.55
September-06	564.61	565.72	567.70	560.00	561.76
December-06	564.91	565.92	567.96	560.00	560.98

C WELLS

Well (1)	*1184*	*1183*	*1181*	*Tile Drain*	*1180*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	569.21	568.18	570.53	560.00	NM
June-06	567.35	567.61	568.40	560.00	563.23
September-06	568.01	567.90	569.92	560.00	563.35
December-06	568.91	568.16	569.85	560.00	563.27

D WELLS

Well (1)	*1184*	*1183*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	569.5	567.11	560.00
June-06	567.74	568.14	560.00
September-06	569.45	567.20	560.00
December-06	568.54	567.11	560.00

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

TABLE 3.5F

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

A WELLS

Well (1)	*1194*	*1193*	*1192*	*1191*	*Tile Drain*	*1190*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	564.28	565.47	564.35	565.96	554.80	567.02
June-06	564.63	565.75	564.60	566.16	554.80	564.27
September-06	564.8	566.12	564.78	566.11	554.80	565.23
December-06	564.76	566.35	564.71	566.31	554.80	566.93

B WELLS

Well (1)	*1194*	*1193*	*1192*	*1191*	*Tile Drain*	*1190*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	570.51	565.47	568.75	565.24	554.80	560.93
June-06	569.28	568.80	568.66	565.68	554.80	559.63
September-06	569.47	569.12	568.86	565.45	554.80	560.06
December-06	570.83	569.45	569.11	565.70	554.80	561.32

C WELLS

Well (1)	*1194*	*1193*	*1192*	*1191*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	574.46	571.17	572.05	654.60	554.80
June-06	571.36	571.08	572.10	564.48	554.80
September-06	574.33	571.00	572.15	564.58	554.80
December-06	574.38	571.35	572.25	565.23	554.80

D WELLS

Well (1)	*1194*	*1193*	*Tile Drain*
Date	*(ft. AMSL)*	*(ft. AMSL)*	*(ft. AMSL)*
February-06	574.30	572.20	554.80
June-06	572.24	571.85	554.80
September-06	572.43	571.42	554.80
December-06	574.32	572.14	554.80

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