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August 31, 2012 EM001954.0012.00001

Mr. Dante Rodriguez
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street, SFD-7-1
San Francisco, California 94105

Subject: Groundwater Monitoring Report, July through December 2012, Former Sola Optical U.S.A., Inc., Facility, 1500 Cader Lane, Petaluma, California

Dear Mr. Rodriguez:

This report presents the results of groundwater monitoring activities conducted during the period from July through December 2012 at the Former Sola Optical U.S.A., Inc., facility located at 1500 Cader Lane in Petaluma, California ("the Site"; Figure 1). ARCADIS U.S., Inc. (ARCADIS) conducted these activities at the Site on behalf of Carl Zeiss Vision Inc. (purchaser of American Optical, Sola [formerly Sola Optical U.S.A., Inc.]).

Work Performed During the Reporting Period

Groundwater Monitoring Activities

ARCADIS conducted semiannual groundwater monitoring activities at the Site in August 2012 in accordance with the groundwater monitoring program for the Site.

On July 25, 2012, ARCADIS personnel measured depth to groundwater in monitoring well W-27 and former extraction wells E-1 and E-2 (Figure 2) and collected a groundwater sample from well W-27. The water level was not measured in former extraction well E-4, because a large vehicle was parked over the well box. Well W-27 was purged using a clean, disposable polyvinyl chloride (PVC) bailer prior to collection of a sample. Groundwater pH, temperature, specific conductance, and turbidity were measured following the purging of each well casing volume. After three well casing volumes of water were purged, samples were collected using a clean, disposable PVC bailer at the well. Collected samples were decanted into 40-milliliter volatile organic analysis vials (VOAs) preserved with hydrochloric acid and labeled with the project number, well number, date, time, and analytical method. The lid of each VOA was then secured with a chain-of custody seal, and the VOAs were stored in an ice-cooled chest and transported under chain-of-custody protocol to the analytical laboratory.

Groundwater samples were submitted to Curtis & Tompkins, Ltd., a California-certified laboratory, for analysis of volatile organic compounds (VOCs) by U.S. Environmental Protection Agency Method 8260B (using an 8010 analyte list).

Groundwater Monitoring Results

Depth to groundwater and calculated groundwater elevations are presented in Table 1. Table 1 also includes historical depth-to-water measurements and groundwater elevations collected since the groundwater extraction and treatment system was shut down on March 23, 1997. Historical groundwater elevations are presented in Table A-1 (Appendix A).

Table 2 presents select analytical results of groundwater samples collected from 1997 through the present, including the current sampling event. All historical analytical results for the Site are presented in Table A-2 (Appendix A). The certified laboratory analytical report and water-quality field sampling sheets are on file at ARCADIS. Finally, concentrations of 1,1-dichloroethene (1,1-DCE) and 1,1-dichloroethane (1,1-DCA; the only VOCs detected in groundwater at the Site in recent monitoring events) detected during the July monitoring event are presented on Figure 3.

Groundwater Elevations

Groundwater contours were not prepared for this sampling event because only four wells remain and the spatial relationship of the wells is too close to provide an accurate depiction of groundwater flow. Shallow groundwater flow at the Site has historically been toward the south-southwest, in the general direction of the Petaluma River, since environmental investigations began at the Site in 1986.

Concentrations of VOCs

During the current monitoring event, only one VOC (1,1-DCA) was detected in the groundwater sample collected from well W-27.

1,1-DCA. 1,1-DCA was detected in the samples collected from well MW-27 at concentrations of 1.7 micrograms per liter (µg/l) and 1.6 µg/l (primary and duplicate samples) in August 2012. These concentrations of 1,1-DCA are below the maximum contaminant level (MCL) of 5 µg/l. A graph of 1,1-DCA concentrations versus time for well W-27, presented on Figure 4, illustrates an overall decreasing trend since October 2003.

1,1-DCE. 1,1-DCE was not detected above the laboratory detection limit in the groundwater sample from W-27 during the reporting period. This is the first 1,1-DCE concentration below the reporting limit in this well since November 2000. A graph of the 1,1-DCE concentration versus time for W-27 is presented on Figure 5. As shown on Figure 5, the 1,1-DCE concentrations have been below the MCL since April 2002.

A field blank sample (W-27-FB) was also collected during the current monitoring event to demonstrate that the sampling equipment was not contributing any VOCs to the groundwater samples. A laboratory-provided trip blank was also included in the cooler containing the groundwater samples to measure any environmental influences on the samples during storage and

transport. No VOCs were detected above their respective laboratory reporting limits in the field blank or trip blank during the current monitoring event.

1,1-DCA Contaminant Trend Analysis and Request for Site Closure

An agreement was reached with the U.S. Environmental Protection Agency (USEPA) that monitoring of well W-27 would be conducted until the concentration of 1,1-DCA (and other VOCs) in groundwater samples collected from that well remained below MCLs for four consecutive semiannual sampling events, or a minimum of two years. This closure criterion was determined during a meeting between LFR Inc. personnel and USEPA representatives Herb Levine and Dante Rodriguez at EPA's San Francisco office on January 31, 2006. This meeting was held to address recommendations presented in the USEPA report entitled "Second Five-Year Report for the Sola Optical USA, Inc. Superfund Site, Sonoma County, California," dated September 2005 ("the Second Five-Year Report"). During a discussion related to Recommendation #1 in the Second Five-Year Report, it was agreed that groundwater monitoring at well W-27 would be continued until it was demonstrated that the cleanup goal for 1,1-DCA (i.e., the MCL [5 μg/l]) had been maintained for two years.

As shown in Table 2, 1,1-DCA concentrations in well W-27 have been below the MCL in three of the last four monitoring events, and have remained below the MCL since June 2010 (greater than two years). In addition, the July 2012 1,1-DCA concentration is the lowest ever detected in this well, indicating the continued attenuation of 1,1-DCA. The 1,1-DCE concentration has also decreased from the June 2010 concentration to below the laboratory reporting limit of 0.5 µg/l. This is the first 1,1-DCE concentration below the reporting limit in this well since November 2000.

The trend of 1,1-DCA concentrations in well W-27 was assessed using both the concentration-versus-time graph (Figure 4) and a Mann-Kendall trend analysis (Appendix B). The concentration trend graph presents all 1,1-DCA data collected at well W-27 from 1987 through the present. The Mann-Kendall analysis was conducted using 1,1-DCA concentrations from 2003 through the present. This date range was selected because 2003 marked the implementation of the monitored natural attenuation program at the Site.

As previously mentioned, the concentration-versus-time trend graph for 1,1-DCA in W-27 illustrates a generally decreasing trend, especially from samples collected in 2003 to the present (Figure 4). This decreasing trend is further supported by the Mann-Kendall trend analysis that was conducted. As shown in Appendix B, a decreasing trend was calculated with high confidence for the 1,1-DCA concentrations in W-27.

Based on the two consecutive years of VOC concentrations below their respective MCLs and the decreasing concentration trend of 1,1-DCA in well W-27, ARCADIS believes the groundwater cleanup standards have been achieved and recommends that monitoring well W-27 and contingency wells E-1, E-2, and E-4 be abandoned and sealed in accordance with Sonoma County Environmental Health guidelines and that the Site be closed by the USEPA.

ARCADIS

Please call Scott Seyfried at 916.786.0342 or Daren Roth at 510.596.9558 with any questions or comments regarding this report.

Sincerely,

ARCADIS U.S., Inc.

J. Scott Seyfried, P.G., C.HG.
Principal Hydrogeologist

cc: Ms. Hahn Nguyen
Mr. Ken Tran
Mr. Paul Elmore

Attachments:

Table 1: Groundwater Elevation Data (1997 to Present)
Table 2: Groundwater-Quality Data, Primary VOCs (1997 to Present)
Figure 1: Site Vicinity Map
Figure 2: Monitoring Well Locations
Figure 3: Concentrations of 1,1-DCA in Shallow Groundwater, July 25, 2012
Figure 4: Concentrations of 1,1-DCA Versus Time in Well W-27
Figure 5: Concentrations of 1,1-DCE Versus Time in Well W-27
Appendix A: Historical Groundwater Elevation and Groundwater-Quality Data
Appendix B: Mann-Kendall Trend Analysis for 1,1-DCA in W-27

Table 1
Groundwater Elevation Data
(1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All elevations in feet above mean sea level

Well Number	Date	Well Elevation	DTW	GWE
W14	16-Jun-97	32.24	11.27	20.97
	8-Sep-97		12.11	20.13
	8-Jun-98		11.62	20.62
	16-Oct-98		14.72	17.52
	17-Mar-99		9.42	22.82
	23-Sep-99		14.41	17.83
	12-Apr-00		10.26	21.98
	8-Sep-00		15.08	17.16
	2-Apr-01		11.21	21.03
	19-Oct-01		16.33	15.91
	16-Apr-02		11.00	21.24
	8-Oct-02		15.00	17.24
	8-Apr-03		9.48	22.76
	22-Oct-03		11.20	21.04
	6-Apr-04		*	---
W19	16-Jun-97	27.33	10.39	16.94
	8-Sep-97		11.00	16.33
	8-Jun-98		9.88	17.45
	16-Oct-98		12.45	14.88
	17-Mar-99		8.74	18.59
	23-Sep-99		12.25	15.08
	12-Apr-00		9.29	18.04
	8-Sep-00		12.85	14.48
	2-Apr-01		10.35	16.98
	14-May-01		*	---
W22	16-Jun-97	25.91	9.67	16.24
	8-Sep-97		10.28	15.63
	8-Jun-98		9.10	16.81
	16-Oct-98		11.65	14.26
	17-Mar-99		7.86	18.05
	23-Sep-99		11.43	14.48
	12-Apr-00		8.55	17.36
	8-Sep-00		12.07	13.84
	2-Apr-01		9.52	16.39
	19-Oct-01		14.15	11.76
	16-Apr-02		9.00	16.91
	8-Oct-02		12.03	13.88
	8-Apr-03		8.62	17.29
	22-Oct-03		11.14	14.77
	17-May-04		9.48	16.43
	15-Nov-04		10.00	15.91
	3-May-05		8.55	17.36
	20-Oct-05		10.52	15.39

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(1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All elevations in feet above mean sea level

Well Number	Date	Well Elevation	DTW	GWE
	6-Jun-06		8.79	17.12
	26-Oct-06		10.03	15.88
	11-Apr-07		9.04	16.87
	3-Jul-07		*	
W25	16-Jun-97	26.95	9.66	17.29
	8-Sep-97		10.33	16.62
	8-Jun-98		9.25	17.70
	16-Oct-98		11.96	14.99
	17-Mar-99		8.07	18.88
	23-Sep-99		11.77	15.18
	12-Apr-00		8.61	18.34
	8-Sep-00		12.40	14.55
	2-Apr-01		9.80	17.15
	19-Oct-01		13.40	13.55
	16-Apr-02		9.07	17.88
	8-Oct-02		12.37	14.58
	8-Apr-03		8.68	18.27
	22-Oct-03		11.48	15.47
	17-May-04		9.65	17.30
	15-Nov-04		10.32	16.63
	3-May-05		8.61	18.34
	20-Oct-05		10.81	16.14
	6-Jun-06		8.89	18.06
	26-Oct-06		10.18	16.77
	11-Apr-07		9.15	17.80
	3-Jul-07		*	
W27	16-Jun-97	29.21	11.38	17.83
	8-Sep-97		12.14	17.07
	8-Jun-98		11.14	18.07
	16-Oct-98		14.05	15.16
	17-Mar-99		9.71	19.50
	23-Sep-99		13.78	15.43
	12-Apr-00		10.36	18.85
	8-Sep-00		14.50	14.71
	2-Apr-01		11.60	17.61
	19-Oct-01		15.68	13.53
	16-Apr-02		10.85	18.36
	8-Oct-02		14.47	14.74
	8-Apr-03		10.44	18.77
	22-Oct-03		13.41	15.80
	17-May-04		11.40	17.81
	15-Nov-04		11.93	17.28
	3-May-05		10.36	18.85

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(1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All elevations in feet above mean sea level

Well Number	Date	Well Elevation	DTW	GWE
	20-Oct-05		12.74	16.47
	6-Jun-06		10.71	18.50
	26-Oct-06		12.07	17.14
	11-Apr-07		11.04	18.17
	19-Oct-07		14.02	15.19
	4-Apr-08 (1)		6.91	22.30
	29-Sep-08		14.25	14.96
	15-May-09		9.77	19.44
	30-Dec-09		13.03	16.18
	23-Jun-10		7.25	21.96
	25-Jul-12		8.89	20.32
LF-2	16-Jun-97	24.12	7.88	16.24
	8-Sep-97		8.46	15.66
	8-Jun-98		7.32	16.80
	16-Oct-98		9.83	14.29
	17-Mar-99		6.13	17.99
	23-Sep-99		9.62	14.50
	12-Apr-00		6.79	17.33
	8-Sep-00		10.25	13.87
	2-Apr-01		7.77	16.35
	19-Oct-01		11.21	12.91
	16-Apr-02		7.21	16.91
	8-Oct-02		10.26	13.86
	8-Apr-03		6.57	17.55
	22-Oct-03		9.33	14.79
	17-May-04		7.70	16.42
	15-Nov-04		8.15	15.97
	3-May-05		6.72	17.40
	20-Oct-05		8.63	15.49
	6-Jun-06		6.95	17.17
	26-Oct-06		8.16	15.96
	11-Apr-07		7.19	16.93
	3-Jul-07		*	
LF-25	16-Jun-97	19.16	6.93	12.23
	8-Sep-97		7.15	12.01
	8-Jun-98		6.16	13.00
	16-Oct-98		7.89	11.27
	17-Mar-99		5.29	13.87
	23-Sep-99		7.75	11.41
	12-Apr-00		6.00	13.16
	8-Sep-00		8.24	10.92
	2-Apr-01		6.51	12.65
	19-Oct-01		8.90	10.26

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(1997 to Present)
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Petaluma, California

All elevations in feet above mean sea level

Well Number	Date	Well Elevation	DTW	GWE
	16-Apr-02		6.26	12.90
	8-Oct-02		8.34	10.82
	8-Apr-03		6.00	13.16
	22-Oct-03		---	---
	6-Apr-04		*	---
LF-26	16-Jun-97	19.12	6.49	12.63
	8-Sep-97		6.77	12.35
	8-Jun-98		5.79	13.33
	16-Oct-98		---	---
	17-Mar-99		---	---
	23-Sep-99		7.47	11.65
	12-Apr-00		5.64	13.48
	8-Sep-00		8.00	11.12
	2-Apr-01		6.14	12.98
	19-Oct-01		8.80	10.32
	16-Apr-02		5.90	13.22
	8-Oct-02		8.15	10.97
	8-Apr-03		---	---
	22-Oct-03		---	---
	7-Apr-04		*	---
E-1	17-May-04	29.69	9.15	20.54
	15-Nov-04		9.85	19.84
	3-May-05		7.58	22.11
	20-Oct-05		10.51	19.18
	6-Jun-06		7.96	21.73
	26-Oct-06		9.44	20.25
	11-Apr-07		8.41	21.28
	19-Oct-07		11.72	17.97
	4-Apr-08		8.32	21.37
	29-Sep-08		18.09	11.60
	15-May-09		11.67	18.02
	30-Dec-09		17.43	12.26
	23-Jun-10		8.68	21.01
	25-Jul-12		10.42	19.27
E-2	17-May-04	29.55	8.82	20.73
	15-Nov-04		9.47	20.08
	3-May-05		7.32	22.23
	20-Oct-05		10.24	19.31
	6-Jun-06		7.71	21.84
	26-Oct-06		9.15	20.40
	11-Apr-07		8.12	21.43
	19-Oct-07		11.40	18.15
	4-Apr-08		8.03	21.52

Table 1
Groundwater Elevation Data
(1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All elevations in feet above mean sea level

Well Number	Date	Well Elevation	DTW	GWE
	29-Sep-08		17.80	11.75
	15-May-09		11.57	17.98
	30-Dec-09		17.15	12.40
	23-Jun-10		8.39	21.16
	25-Jul-12		10.14	19.41
E-3	16-Jun-97	27.34	7.10	20.24
	8-Sep-97		7.91	19.43
	8-Jun-98		7.27	20.07
	16-Oct-98		---	---
	17-Mar-99		---	---
	23-Sep-99		---	---
	12-Apr-00		---	---
	8-Sep-00		---	---
	2-Apr-01		---	---
	19-Oct-01		---	---
	16-Apr-02		---	---
	8-Oct-02		---	---
	8-Apr-03		8.10	19.24
	22-Oct-03		9.34	18.00
	17-May-04		7.40	19.94
	15-Nov-04		7.98	19.36
	3-May-05		5.98	21.36
	20-Oct-05		8.74	18.60
	6-Jun-06		6.36	20.98
	26-Oct-06		7.78	19.56
	11-Apr-07		6.78	20.56
	5-Jul-07		*	
E-4	17-May-04	26.76	7.23	19.53
	15-Nov-04		7.79	18.97
	3-May-05		5.85	20.91
	20-Oct-05		8.59	18.17
	6-Jun-06		6.49	20.27
	26-Oct-06		7.73	19.03
	11-Apr-07		6.84	19.92
	19-Oct-07		9.90	16.86
	4-Apr-08		6.59	20.17
	29-Sep-08		15.51	11.25
	15-May-09		9.38	17.38
	30-Dec-09		6.73	20.03
	23-Jun-10		6.95	19.81
	25-Jul-12		---	---
E-5	16-Jun-97	24.45	7.51	16.94
	8-Sep-97		8.15	16.30

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Petaluma, California

All elevations in feet above mean sea level

Well Number	Date	Well Elevation	DTW	GWE
	8-Jun-98		7.05	17.40
	16-Oct-98		9.72	14.73
	17-Mar-99		5.80	18.65
	23-Sep-99		9.50	14.95
	12-Apr-00		6.44	18.01
	8-Sep-00		10.50	13.95
	2-Apr-01		7.51	16.94
	19-Oct-01		11.22	13.23
	16-Apr-02		6.87	17.58
	8-Oct-02		10.11	14.34
	8-Apr-03		6.44	18.01
	22-Oct-03		9.19	15.26
	17-May-04		7.40	17.05
	15-Nov-04		7.93	16.52
	3-May-05		6.42	18.03
	20-Oct-05		8.50	15.95
	6-Jun-06		6.69	17.76
	26-Oct-06		7.95	16.50
	11-Apr-07		6.94	17.51
	5-Jul-07		*	
E-7	16-Jun-97	24.51	7.47	17.04
	8-Sep-97		8.11	16.40
	8-Jun-98		7.09	17.42
	16-Oct-98		---	---
	17-Mar-99		---	---
	23-Sep-99		---	---
	12-Apr-00		---	---
	8-Sep-00		---	---
	2-Apr-01		---	---
	19-Oct-01		11.32	13.19
	16-Apr-02		7.00	17.51
	8-Oct-02		10.22	14.29
	8-Apr-03		6.53	17.98
	22-Oct-03		9.22	15.29
	17-May-04		7.49	17.02
	15-Nov-04		7.94	16.57
	3-May-05		6.48	18.03
	20-Oct-05		8.58	15.93
	6-Jun-06		6.78	17.73
	26-Oct-06		7.99	16.52
	11-Apr-07		7.02	17.49
	5-Jul-07		*	

Data entered by AAV. Proofed by .

Table 1
Groundwater Elevation Data
(1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All elevations in feet above mean sea level

Well Number	Date	Well Elevation	DTW	GWE

Notes:

DTW = Depth to water
GWE = Groundwater elevation
--- = Not measured
* = Well destroyed
(1) = The stovepipe well box was replaced with a flush-mounted well box. The well casing was then cut and finished several inches below grade.

Table 2
Groundwater-Quality Data
Primary VOCs (1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All concentrations expressed in micrograms per liter (µg/l)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
W-14	20-Jun-97		EPA8010	19	52	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	24	54	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	3.1	7.8	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8010	8.9	24	< 0.5	< 0.5	< 0.5	< 1.0
duplicate	16-Oct-98		EPA8010	9.1	24	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	1.7	3.7	< 0.5	< 0.5	< 0.5	< 1.0
duplicate	17-Mar-99		EPA8260A(8010)	1.7	3.7	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	3.4	8.1	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	23-Sep-99		EPA8260A(8010)	3.4	7.9	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA 8260B	1.0	1.9	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	12-Apr-00		EPA 8260B	1.1	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA 8260B	1.2	2.9	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	8-Sep-00	C&T	EPA 8260B	1.0	2.7	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	2-Apr-01	C&T	EPA 8260B	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	0.9	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	0.5	0.8	< 0.5	< 0.5	< 0.5	< 5.0
***	06-Apr-04								
W-19	16-Oct-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	0.7	< .5	< .5	< .5	< .5	< 1.0
	23-Sep-99		EPA8260A(8010)	0.9	< .5	< .5	< .5	< .5	< 5.0
	12-Apr-00		EPA8260B	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	1	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
***	14-May-01								
W-22	16-Oct-98		EPA8010	2.7	1.6	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	3	1.8	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	2.3	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA 8260B	2.2	1.4	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA 8260B	1.4	1.1	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	2.4	1.6	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	1.3	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	1.7	1.2	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	1.3	1.0	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	1.0	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	1.5	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	1.0	0.7	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	0.7	0.6	< 0.5	< 0.5	< 0.5	< 5.0
***	03-Jul-07								
W-25	16-Jun-97		EPA 8010	4.1	1.8	< 0.5	0.5	< 0.5	< 0.5
duplicate	16-Jun-97		EPA 8010	3.8	1.7	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA 8010	2.4	0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	10-Sep-97		EPA 8010	2.7	0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA 8010	1.9	1.1	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0
duplicate	16-Oct-98		EPA 8010	3.1	1.4	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	3.3	1.7	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	3.3	1.8	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA 8260B	3.9	1.8	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA 8260B	2.4	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	2.9	1.5	< 0.5	< 0.5	< 0.5	< 5.0

Table 2
Groundwater-Quality Data
Primary VOCs (1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All concentrations expressed in micrograms per liter (µg/l)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	19-Oct-01	C&T	EPA 8260B	2.7	1.2	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	2.3	1	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	2.1	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	8-Apr-03	C&T	EPA 8260B	2.3	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	1.6	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	17-May-04	C&T	EPA 8260B	1.3	0.5	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	1.2	0.5 J	< 0.5	< 0.5	< 0.5	< 5.0
	3-May-05	C&T	EPA 8260B	1.5	0.5	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	1	0.4 J	< 0.5	< 0.5	< 0.5	< 5.0
	6-Jun-06	C&T	EPA 8260B	1.3	0.4 J	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	0.9	0.4 J	< 0.5	< 0.5	< 0.5	< 5.0
	11-Apr-07	C&T	EPA 8260B	0.7	0.3 J	< 0.5	< 0.5	< 0.5	< 5.0
***	03-Jul-07								
W-27	02-Jul-97		EPA 8010	7.1	12	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA 8010	6.8	12	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	10-Sep-97		EPA 8010	6.4	12	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA 8010	10	15	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	11-Jun-98		EPA 8010	11	15	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8260A(8010)	12	15	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	11	16	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	9.9	15	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA 8260B	10	20	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA 8260B	6.3	16	< 0.5	< 0.5	< 0.5	< 5.0
**	21-Nov-00	C&T	EPA 8260B	3.6	14	< 0.5	< 0.5	< 0.5	< 5.0
*	21-Nov-00	CLI	EPA 8260B	< 0.5	14	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	7.1	18	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	8.3	16	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	19-Oct-01	C&T	EPA 8260B	7.9	15	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	4.9	12	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	5.6	15	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	8-Oct-02	C&T	EPA 8260B	5.7	15	< 0.5	< 0.5	< 0.5	< 5.0
	8-Apr-03	C&T	EPA 8260B	4	14	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	8-Apr-03	C&T	EPA 8260B	4.9	15	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	4.7	21	< 0.5	< 0.5	< 0.5	< 5.0
	17-May-04	C&T	EPA 8260B	3.9	14	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	17-May-04	C&T	EPA 8260B	3.9	14	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	4.8	20	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	16-Nov-04	C&T	EPA 8260B	4.9	20	< 0.5	< 0.5	< 0.5	< 5.0
	3-May-05	C&T	EPA 8260B	3.8	20	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	3-May-05	C&T	EPA 8260B	3.6	19	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	2.6	16	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	20-Oct-05	C&T	EPA 8260B	3.2	17	< 0.5	< 0.5	< 0.5	< 5.0
	6-Jun-06	C&T	EPA 8260B	3	16	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	1.5	12	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	26-Oct-06	C&T	EPA 8260B	1.6	12	< 0.5	< 0.5	< 0.5	< 5.0
	11-Apr-07	C&T	EPA 8260B	1.2	8	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-07	C&T	EPA 8260B	1.9	8.8	< 0.5	< 0.5	< 0.5	< 5.0
	4-Apr-08	C&T	EPA 8260B	1.2	9	< 0.5	< 0.5	< 0.5	< 5.0
	29-Sep-08	C&T	EPA 8260B	2.2	11	< 0.5	< 0.5	< 0.5	< 5.0
	15-May-09	C&T	EPA 8260B	0.6	4.7	< 0.5	< 0.5	< 0.5	< 5.0
	30-Dec-09	C&T	EPA 8260B	0.8	6.5	< 0.5	< 0.5	< 0.5	< 5.0
	23-Jun-10	C&T	EPA 8260B	0.3 J	2.6	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	23-Jun-10	C&T	EPA 8260B	0.3 J	2.7	< 0.5	< 0.5	< 0.5	< 5.0
	25-Jul-12	C&T	EPA 8260B	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 2.0
duplicate	25-Jul-12	C&T	EPA 8260B	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 2.0

Table 2
Groundwater-Quality Data
Primary VOCs (1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All concentrations expressed in micrograms per liter (µg/l)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
W-33	16-Jun-97		EPA 8010	3.1	0.7	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA 8010	2.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA 8010	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
**	21-Nov-00	C&T	EPA 8260B	1.6	0.8	< 0.5	< 0.5	< 0.5	< 5.0
*	21-Nov-00	CLI	EPA 8260A	1.3	0.53	0.5	< 0.5	< 0.5	< 5.0
***	15-May-01								
LF-2	20-Jun-97		EPA 8010	30	61	< 0.5	< 0.5	< 0.5	< 0.5
	09-Sep-97		EPA 8010	4.6	2.4	< 0.5	< 0.5	< 0.5	< 0.5
	09-Jun-98		EPA 8010	4	2	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	09-Jun-98		EPA 8010	4.6	2	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA 8010	5.0	2.3	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	5.5	2.2	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	5.0	2.4	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA 8260B	5.4	2.3	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA 8260B	4.1	2.1	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	5.3	2.4	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	3.3	1.7	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	3.9	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	4.1	2.3	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	2.6	2.4	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	1	0.4 J	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	2.0	1.4	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	1.1	1	< 0.5	< 0.5	< 0.5	< 5.0
***	03-Jul-07								
LF-25	19-Jun-97		EPA 8010	2.8	1	< 0.5	< 0.5	< 0.5	< 0.5
	09-Sep-97		EPA 8010	3.1	1.1	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	09-Sep-97		EPA 8010	2.6	1	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jun-98		EPA 8010	2.3	1.1	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	10-Jun-98		EPA 8010	2.4	1.1	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA 8010	2.5	1	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	3	1.1	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	2.6	1.1	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA 8260B	2.6	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA 8260B	< 0.5	1.2	0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	2.8	1.4	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	1.8	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	2.2	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	1.7	0.7	< 0.5	< 0.5	< 0.5	< 5.0
***	06-Apr-04								
LF-26	19-Jun-97		EPA 8010	4.2	1	< 0.5	0.6	< 0.5	< 0.5
duplicate	19-Jun-97		EPA 8010	4.1	0.9	< 0.5	0.6	< 0.5	< 0.5
	09-Sep-97		EPA 8010	2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jun-98		EPA 8010	4.3	1.1	< 0.5	0.5	< 0.5	< 0.5
duplicate	10-Jun-98		EPA 8010	4.2	1.1	< 0.5	0.5	< 0.5	< 0.5
	23-Sep-99		EPA8260A(8010)	3.6	1.1	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA 8260B	3.2	1.0	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA 8260B	2.5	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	2.6	1	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	1.9	0.6	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	2.3	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	2	0.9	< 0.5	< 0.5	< 0.5	< 5.0
***	06-Apr-04								

Table 2
Groundwater-Quality Data
Primary VOCs (1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All concentrations expressed in micrograms per liter (µg/l)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
E-3	18-Jun-97		EPA 8010	7.6	10	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA 8010	9	11	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98	C&T	EPA 8010	15	18	< 0.5	< 0.5	< 0.5	< 0.5
	8-Apr-03	C&T	EPA 8260B	4.2	3.8	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	3.6	2.9	< 0.5	< 0.5	< 0.5	< 5.0
	17-May-04	C&T	EPA 8260B	4.8	3.5	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	1.8	1.4	< 0.5	< 0.5	< 0.5	< 5.0
	3-May-05	C&T	EPA 8260B	0.9	1	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	2.0	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	6-Jun-06	C&T	EPA 8260B	1.9	1.4	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	6-Jun-06	C&T	EPA 8260B	2.0	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	2.2	2.3	< 0.5	< 0.5	< 0.5	< 5.0
	11-Apr-07	C&T	EPA 8260B	1.8	2.3	< 0.5	< 0.5	< 0.5	< 5.0
***	05-Jul-07								
E-5	18-Jun-97		EPA 8010	10	4	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA 8010	11	3.7	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA 8010	9.7	3.1	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA 8010	12	3.7	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	13	3.7	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	15	4.3	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA 8260B	12	3.7	< 0.5	< 0.5	< 0.5	< 5.0
	08-Sep-00	C&T	EPA 8260B	12	3.5	< 0.5	< 0.5	< 0.5	< 5.0
**	21-Nov-00	C&T	EPA 8260B	10	3.6	< 0.5	< 0.5	< 0.5	< 5.0
*	21-Nov-00	CLI	EPA 8260B	6.5	2.9	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	13	4.5	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	8.3	3.4	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	5.1	2.2	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	16-Apr-02	C&T	EPA 8260B	6.4	2.4	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	9.3	3.3	< 0.5	< 0.5	< 0.5	< 5.0
	8-Apr-03	C&T	EPA 8260B	7.2	2.9	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	7.1	3.4	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	22-Oct-03	C&T	EPA 8260B	6.9	3.3	< 0.5	< 0.5	< 0.5	< 5.0
	17-May-04	C&T	EPA 8260B	5.1	2.2	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	4.5	1.8	< 0.5	< 0.5	< 0.5	< 5.0
	3-May-05	C&T	EPA 8260B	3.7	1.8	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	5.6	2	< 0.5	< 0.5	< 0.5	< 5.0
	6-Jun-06	C&T	EPA 8260B	3.3	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	4.7	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	11-Apr-07	C&T	EPA 8260B	2.8	1.1	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	11-Apr-07	C&T	EPA 8260B	2.7	1.1	< 0.5	< 0.5	< 0.5	< 5.0
***	05-Jul-07								
E-7	18-Jun-97		EPA 8010	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Oct-01	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	08-Oct-02	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
***	05-Jul-07								

Field Blanks

Table 2
Groundwater-Quality Data
Primary VOCs (1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All concentrations expressed in micrograms per liter (µg/l)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
W-33-FB	16-Jun-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-16-FB	17-Jun-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-3-FB	18-Jun-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-25-FB	19-Jun-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-28-FB	20-Jun-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W33-FB	9-Sep-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-6-FB	10-Sep-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-28-FB	9-Jun-98		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-16-FB	10-Jun-98		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-25-FB	16-Oct-98	(1)	EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0
W-14-FB	17-Mar-99		EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0
W-19-FB	23-Sep-99		EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	12-Apr-00		EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
LF-26FB	8-Sep-00	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27FB	2-Apr-01	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
EX-7-FB	19-Oct-01	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27FB	16-Apr-02	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-14FB	8-Oct-02	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
FB040803	8-Apr-03	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
LF-2FB	22-Oct-03	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	17-May-04	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
LF-2-B	16-Nov-04	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
5-03-05-B	3-May-05	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-25-FB	20-Oct-05	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
EB 060606	6-Jun-06	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-25-FB	26-Oct-06	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-25-FB	11-Apr-07	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	19-Oct-07	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	4-Apr-08	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	29-Sep-08	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	15-May-09	(2)	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	30-Dec-09	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	23-Jun-10	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.1
W-27-FB	25-Jul-12	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0
Trip Blanks									
	17-Jun-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TB	20-Jun-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Jun-98		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
*	21-Nov-00	CLI	EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	25-Jul-12	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0

Data updated by AAV. Proofed by .

Notes:

(1) = Chloroform detected at 1.7 micrograms per liter.

(2) = Chloroform detected at 0.8 microgram per liter.

1,1-DCE = 1,1-Dichloroethene

1,1-DCA = 1,1-Dichloroethane

1,2-DCA = 1,2-Dichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

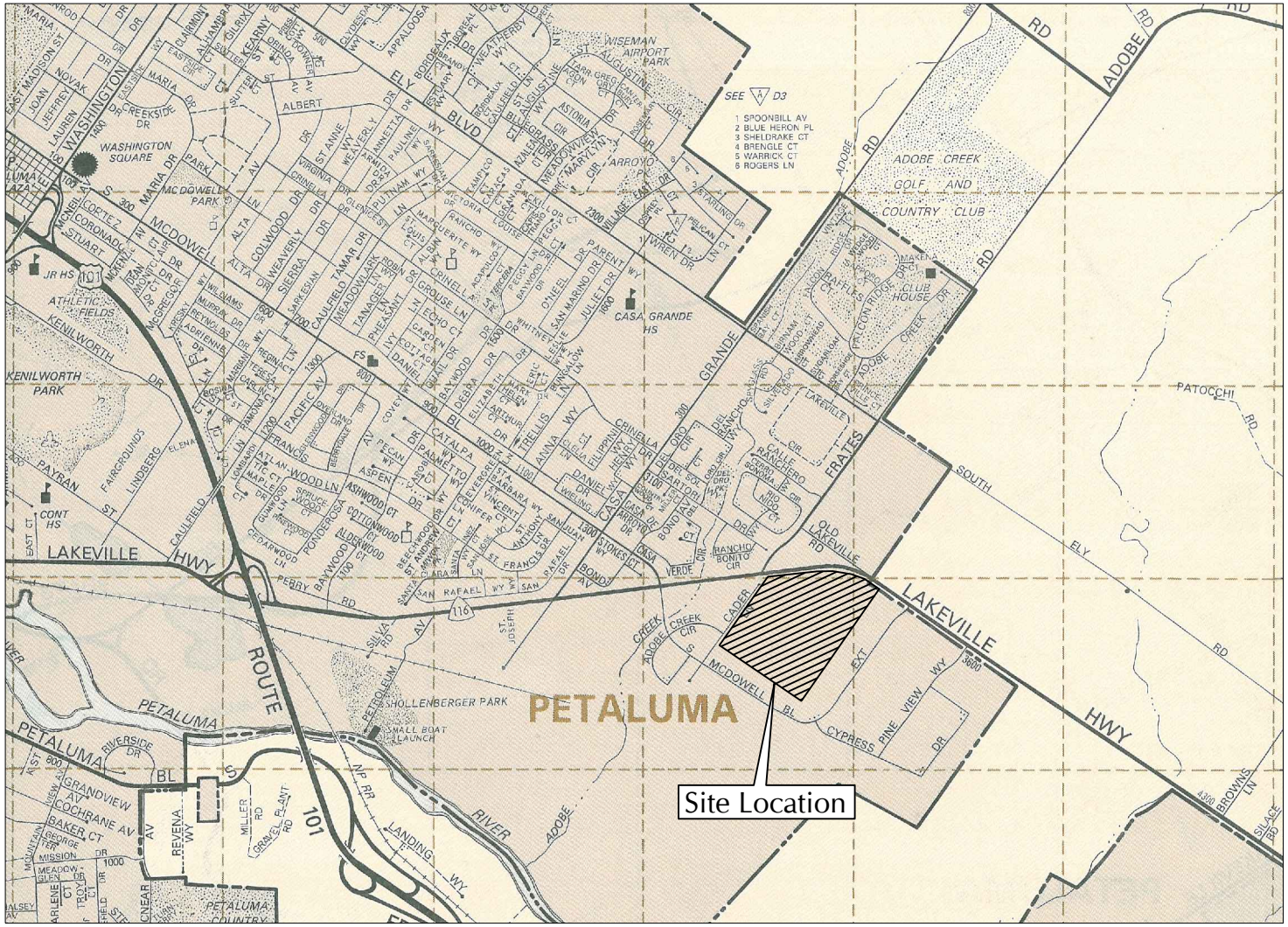
Table 2
Groundwater-Quality Data
Primary VOCs (1997 to Present)
Former Sola Optical U.S.A., Inc., Facility
Petaluma, California

All concentrations expressed in micrograms per liter (µg/l)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113

TCE = Trichloroethene
VOCs = Volatile organic compounds
J = Estimated value.
* = Samples collected by Environ.
** = Split sample collected by LFR.
*** = Well destroyed.

Analytical Laboratories:
C&T = Curtis & Tompkins, Ltd., Analytical Laboratories, Berkeley, California.
CLI = Chroma Lab, Inc., Environmental Services, Pleasanton, California.



0 1,100 2,200 FEET

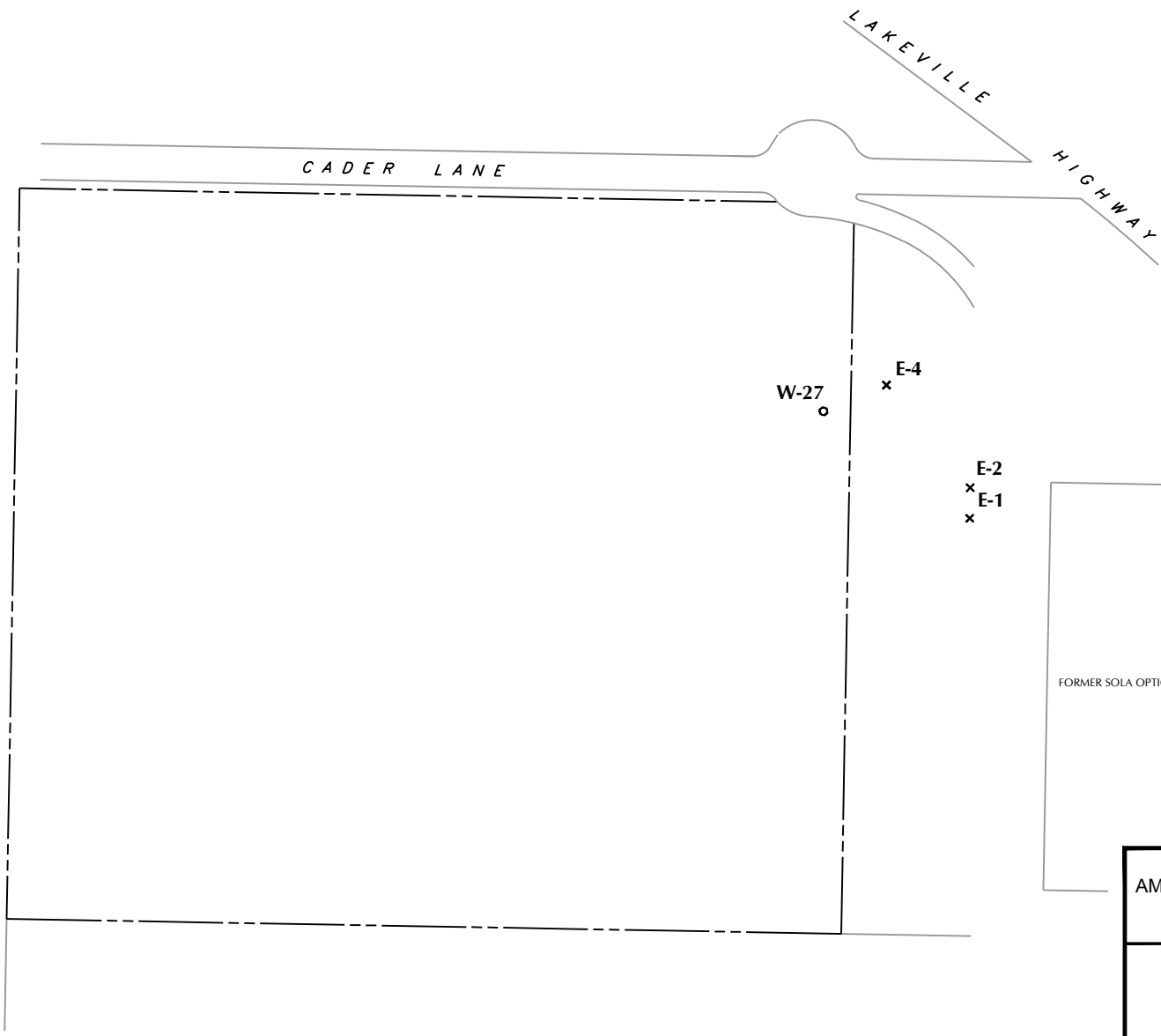
AMERICAN OPTICAL, SOLA (FORMERLY SOLA OPTICAL U.S.A.)
1500 CADER LANE, PETALUMA, CALIFORNIA

SITE VICINITY MAP

ARCADIS

FIGURE
1

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\Emeryville\ACT\EM001954\0012\00001\GWMR July-2012\DWG\EM001954 B02.dwg LAYOUT: 2 SAVED: 8/13/2012 4:39 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 8/13/2012 4:40 PM BY: REYES, ALEC
XREFS: IMAGES: PROJECTNAME: ----



EXPLANATION:

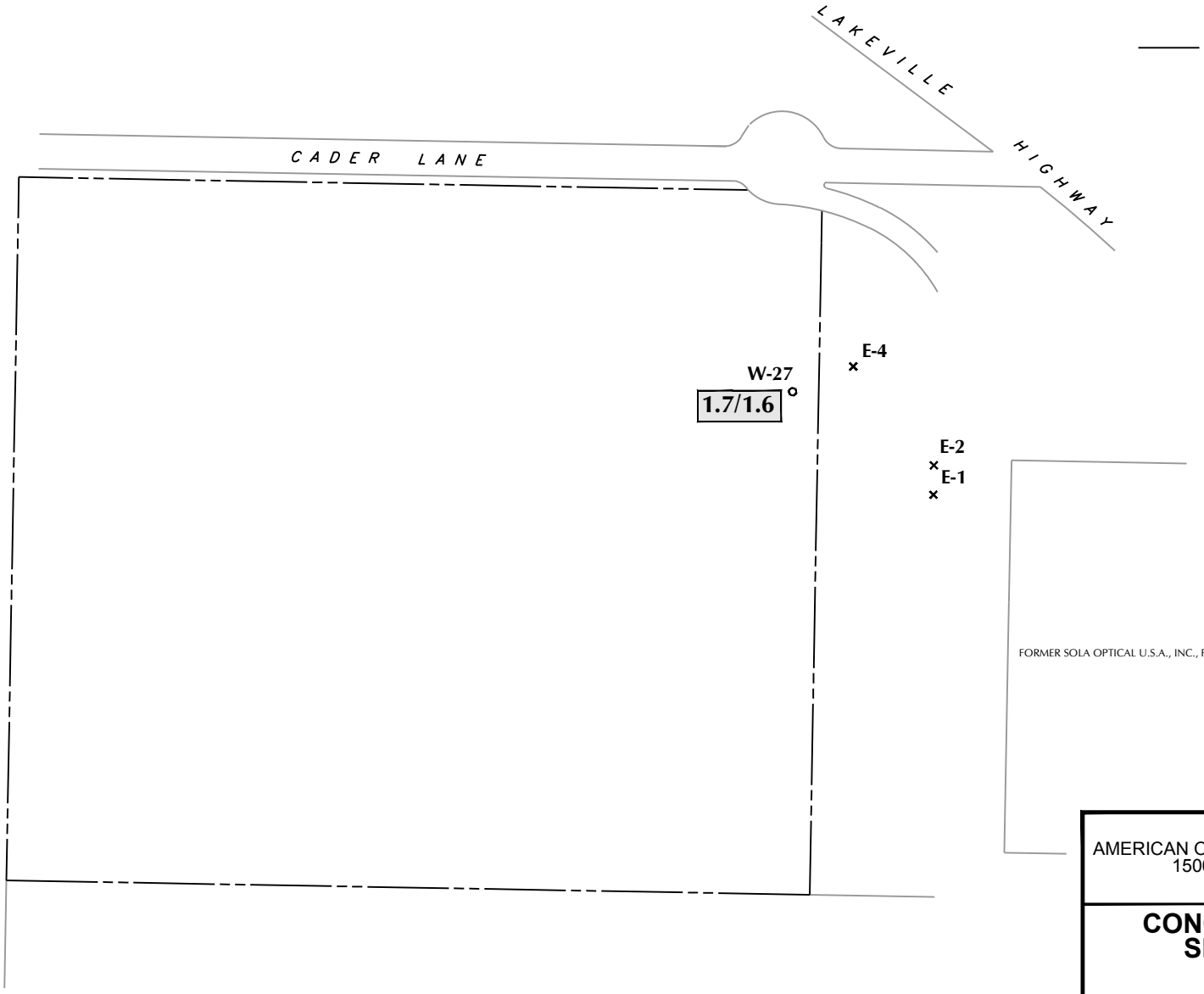
- Property boundary former Sola Optical, U.S.A., Inc., additional property
- o Shallow (up to approx. 30 feet) monitoring well
- × Former extraction well

AMERICAN OPTICAL, SOLA (FORMERLY SOLA OPTICAL U.S.A.)
1500 CADER LANE, PETALUMA, CALIFORNIA

MONITORING WELL LOCATIONS

ARCADIS

FIGURE
2



EXPLANATION:

Property boundary former Sola Optical, U.S.A., Inc., additional property

o Shallow (up to approx. 30 feet) monitoring well

× Former extraction well

1.7/1.6 1,1-DCA, Concentration in micrograms per liter (µg/L)

5.0 California MCL for 1,1-DCA (µg/L)

KEY TO ABBREVIATIONS:

1,1-DCA	1,1-Dichloroethane
MCL	Maximum Contaminant Level

N

0 90 180 FEET

AMERICAN OPTICAL, SOLA (FORMERLY SOLA OPTICAL U.S.A.)
1500 CADER LANE, PETALUMA, CALIFORNIA

CONCENTRATIONS OF 1,1-DCA IN SHALLOW GROUNDWATER JULY 25, 2012

ARCADIS

FIGURE
3

Figure 4
Concentrations of 1,1-DCA Versus Time in Well W-27

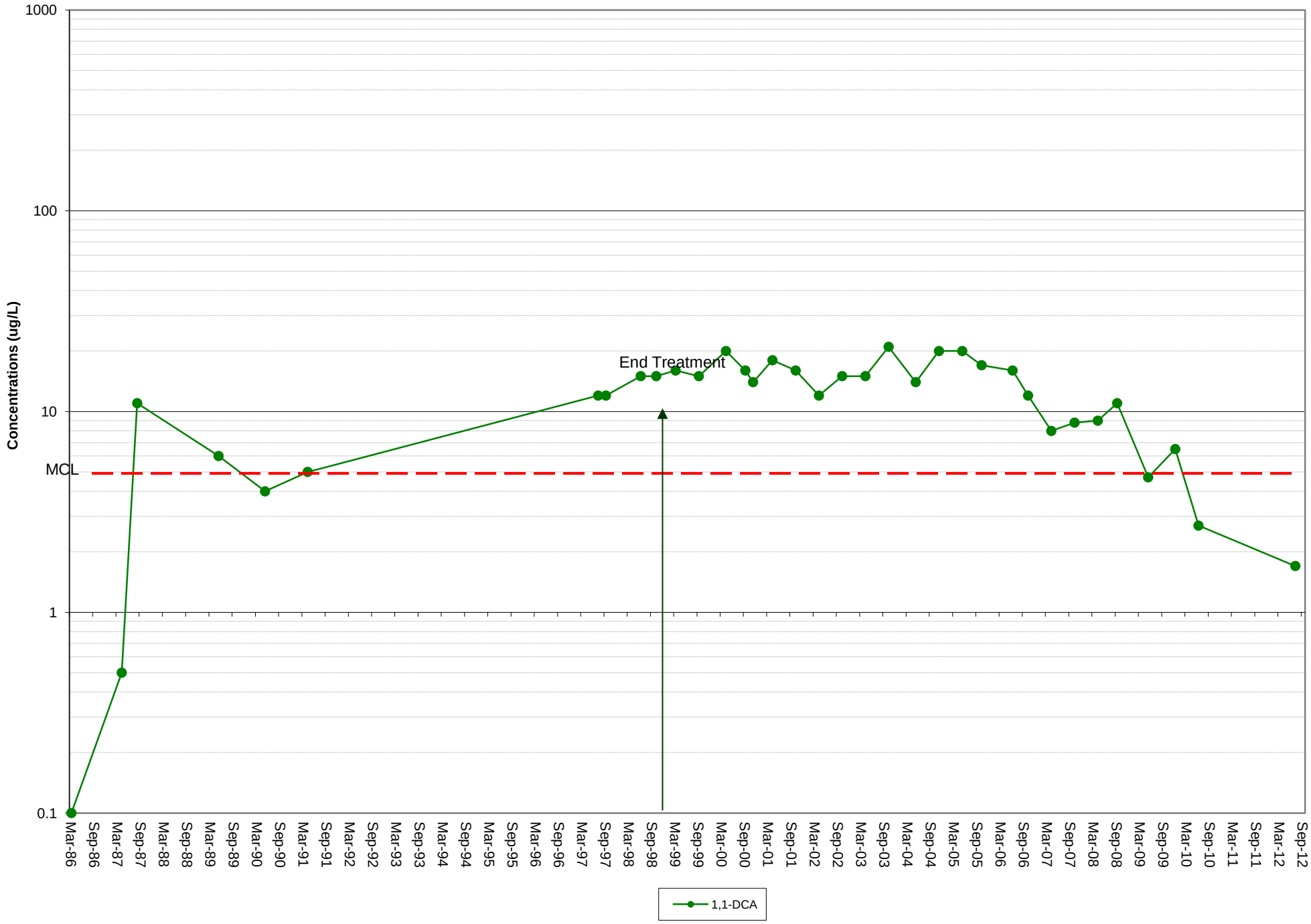
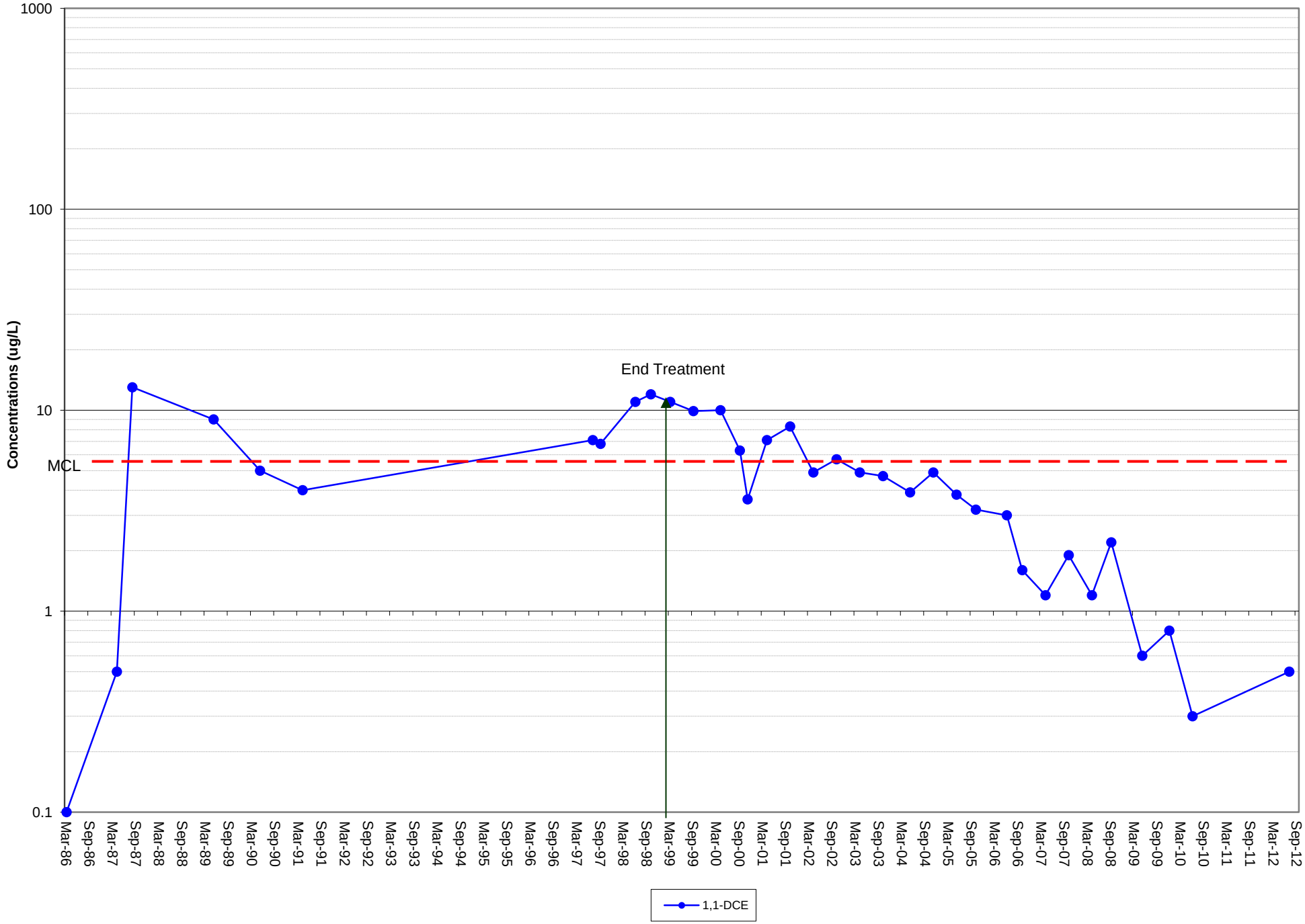


Figure 5
Concentrations of 1,1-DCE Versus Time in Well W-27



ARCADIS

APPENDIX A

Historical Groundwater Elevation and Groundwater-Quality

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	DTW 17-Aug-87	GWE 17-Aug-87	DTW 18-Sep-87	GWE 18-Sep-87	DTW 02-Oct-87	GWE 02-Oct-87	DTW 20-Oct-87	GWE 20-Oct-87	DTW 24-May-88	GWE 24-May-88	DTW 27-Jun-88	GWE 27-Jun-88	DTW 20-Jul-88	GWE 20-Jul-88	DTW 23-Aug-88	GWE 23-Aug-88	DTW 08-Sep-88	GWE 08-Sep-88
W12	33.87	14.5-19.5	06/11/82	12/16/99	18.50	15.37	18.39	15.48	18.31	15.56	18.25	15.62	dry	---	dry	---	16.20	17.67	17.33	16.54	17.38	16.49
W13	31.99	33-40	06/10/82	04/16-20/01	17.44	14.55	17.46	14.53	17.41	14.58	17.39	14.60	13.64	18.35	12.68	19.31	14.89	17.10	16.24	15.75	15.90	16.09
W14	32.24	15-19	06/10/82	04/06/04	17.38	14.86	17.38	14.86	17.37	14.87	17.32	14.92		---	12.80	19.44	14.86	17.38	16.20	16.04	15.15	17.09
W15	31.39	40-53	06/08/84	04/16-20/01	17.46	13.93	17.46	13.93	17.42	13.97	17.36	14.03	14.61	16.78	12.55	18.84	15.19	16.20	16.35	15.04	16.36	15.03
W17	30.45	9-14	06/13/84	12/16/99	16.26	14.19	16.30	14.15	16.30	14.15	16.17	14.28	dry	---	dry	---	dry	---	15.46	14.99	15.57	14.88
W18	29.46	7.5-12	06/11/84	12/16/99	16.20	13.26	16.25	13.21	16.23	13.23	16.24	13.22	dry	---	dry	---	dry	---	15.29	14.17	15.36	14.10
W19	27.33	8-13	06/11/84	05/14/01	14.03	13.30	14.34	12.99	14.39	12.94	14.56	12.77	dry	---	dry	---	10.64	16.69	0.33	27.00	12.90	14.43
W20	25.73	42-61	06/12/84	04/16-20/01	14.08	11.65	14.25	11.48	14.28	11.45	14.33	11.40	11.26	14.47	10.58	15.15	11.97	13.76	13.24	12.49	13.39	12.34
W21	25.85	39-59	06/12/84	04/16-20/01	13.34	12.51	13.67	12.18	13.73	12.12	13.87	11.98	7.74	18.11	6.05	19.80	9.79	16.06	11.98	13.87	12.11	13.74
W22	25.91	9-14	06/11/84	07/03/07	12.97	12.94	13.50	12.41	13.60	12.31	13.84	12.07	dry	---	dry	---	dry	---	11.27	14.64	11.56	14.35
W23	26.90	9-14	06/11/84	05/14/01	13.18	13.72	13.75	13.15	13.57	13.33	14.06	12.84	dry	---	dry	---	dry	---	11.00	15.90	11.63	15.27
W24	25.11	9-19	09/11/85	12/16/99	13.38	11.73	13.71	11.40	13.78	11.33	13.93	11.18	8.23	16.88	7.59	17.52	9.92	15.19	12.18	12.93	12.36	12.75
W25	26.95	9-21.5	09/11/85	07/03/07	14.19	12.76	14.54	12.41	14.60	12.35	14.77	12.18	7.70	19.25	6.74	20.21	10.54	16.41	12.80	14.15	12.39	14.56
W26	27.86	9-20	09/11/85	05/15/01	13.90	13.96	14.44	13.42	14.54	13.32	14.70	13.16	dry	---	dry	---	9.56	18.30	12.26	15.60	12.26	15.60
W27	29.21	9-19.5	09/12/85		14.31	14.90	14.71	14.50	14.79	14.42	14.98	14.23	dry	---	dry	---	9.69	19.52	12.60	16.61	12.87	16.34
W28	29.60	9-19.5	09/12/85	05/15/01	16.60	13.00	16.70	12.90	16.67	12.93	16.74	12.86	10.85	18.75	9.80	19.80	13.42	16.18	15.23	14.37	15.18	14.42
W30	31.62	8-18	01/27/86	11/29/99	16.99	14.63	17.03	14.59	16.98	14.64	17.02	14.60	dry	---	dry	---	14.19	17.43	15.66	15.96	15.76	15.86
W31	26.50	7.5-17.5	01/28/86	11/29/99	12.41	14.09	13.03	13.47	13.16	13.34	13.35	13.15	dry	---	dry	---	dry	---	9.98	16.52	12.87	13.63
W32	23.07	8.5-19.5	01/20/86	11/23/99	5.77	17.30	10.33	12.74	10.53	12.54	10.82	12.25	dry	---	dry	---	dry	---	6.86	16.21	7.97	15.10
W33	21.64	8-18	01/29/86	05/15/01	11.33	10.31	12.03	9.61	12.13	9.51	12.34	9.30	2.94	18.70	1.78	19.86	7.00	14.64	10.09	11.55	10.41	11.23
LF-2	24.12	19.5-28.9	09/11/86	07/03/07	13.14	10.98	13.57	10.55	13.63	10.49	13.86	10.26	4.71	19.41	3.33	20.79	8.93	15.19	11.68	12.44	11.73	12.39
LF-3	25.74	44.1-49.5	09/12/86	04/16-20/01	13.68	12.06	14.69	11.05	14.73	11.01	14.83	10.91	7.54	18.20	7.18	18.56	10.87	14.87	13.03	12.71	12.73	13.01
LF-4	27.74	35.0-39.5	09/13/86	04/16-20/01	17.39	10.35	17.40	10.34	17.35	10.39	17.37	10.37	10.01	17.73	9.86	17.88	14.43	13.31	16.06	11.68	16.05	11.69
LF-5	24.04	23.8-33.4	11/17/86	04/16-20/01	12.85	11.19	13.37	10.67	13.46	10.58	13.74	10.30	-5.06	29.10	-8.84	32.88	6.95	17.09	10.90	13.14	10.79	13.25
LF-6	20.46	39.0-43.2	11/18/86	04/16-20/01	11.34	9.12	11.99	8.47	12.03	8.43	12.45	8.01	-3.98	24.44	-7.19	27.65	5.26	15.20	9.33	11.13	9.19	11.27
LF-7	27.30	25.1-34.6	03/30/87	11/29/99	14.44	12.86	14.83	12.47	14.79	12.51	15.00	12.30	NM	---	0.16	27.14	9.68	17.62	12.75	14.55	12.84	14.46
LF-8	24.38	24.75-34.25	04/06/87	10/27/99	11.94	12.44	12.63	11.75	12.76	11.62	13.12	11.26	-7.97	32.35	-10.31	34.69	4.40	19.98	9.35	15.03	10.16	14.22
LF-9	27.13	29.75-38.25	04/07/87	10/27/99	14.00	13.13	14.50	12.63	14.49	12.64	14.80	12.33	-5.17	32.30	-8.65	35.78	8.08	19.05	12.07	15.06	12.42	14.71
LF-10	29.66	28.75-44.25	04/08/87	04/16-20/01	17.41	12.25	17.56	12.10	17.44	12.22	17.50	12.16	8.47	21.19	6.89	22.77	13.46	16.20	15.81	13.85	16.02	13.64
LF-11	29.42	7.4-16.9	04/09/87	05/16/01	17.83	11.59	18.06	11.36	17.98	11.44	18.16	11.26	13.24	16.18	12.57	16.85	14.85	14.57	16.60	12.82	16.79	12.63
LF-12	32.52	211.75-233	06/18/87	04/16-20/01	12.70	19.82	13.27	19.25	13.03	19.49	13.55	18.97	-26.96	59.48	-36.14	68.66	5.35	27.17	10.28	22.24	10.71	21.81
LF-13[(1)]	32.51	150.5-161	06/22/87	04/16-20/01	13.81	18.70	14.25	18.26	14.23	18.28	14.46	18.05	-10.59	43.10	-15.29	47.80	7.86	24.65	11.80	20.71	12.10	20.41
LF-14	32.34	78.5-89	06/24/87	04/16-20/01	18.11	14.23	18.03	14.31	18.07	14.27	17.91	14.43	13.44	18.90	12.29	20.05	15.35	16.99	16.76	15.58	16.80	15.54
LF-15	24.86	204.5-215	06/29/87	04/16-20/01	10.56	14.30	11.62	13.24	11.56	13.30	12.02	12.84	-28.09	52.95	-34.33	59.19	0.08	24.78	7.24	17.62	8.54	16.32
LF-16	24.95	162.5-173	07/01/87	04/16-20/01	11.88	13.07	12.61	12.34	12.58	12.37	13.00	11.95	-16.62	41.57	-22.10	47.05	3.75	21.20	9.87	15.08	10.00	14.95
LF-17[(2)]	25.05	67.5-78	07/02/87	04/16-20/01	12.85	12.20	13.38	11.67	13.43	11.62	13.73	11.32	-7.19	32.24	-10.57	35.62	6.86	18.19	10.86	14.19	10.66	14.39
LF-18	27.13	91.5-102	07/06/87	04/16-20/01	13.83	13.30	14.31	12.82	7.21	19.92	14.50	12.63	NM	---	-9.22	36.35	8.26	18.87	11.95	15.18	12.09	15.04
LF-19	30.51	36.25-46.5	07/17/87	04/16-20/01	17.74	12.77	17.69	12.82	17.62	12.89	17.64	12.87	14.07	16.44	13.11	17.40	15.21	15.30	16.49	14.02	16.37	14.14
LF-20	30.50	13.75-24	07/20/87	05/15/01	17.75	12.75	17.73	12.77	17.64	12.86	17.64	12.86	14.10	16.40	13.12	17.38	15.22	15.28	16.50	14.00	16.38	14.12
LF-21	28.94	38.5-49.5	04/10/90	04/16-20/01		---		---		---		---		---		---		---		---		---
LF-22	25.78	39.5-49.5	04/11/90	04/16-20/01		---		---		---		---		---		---		---		---		---
LF-23	22.94	45.5-55.5	04/10/90	10/27/99		---		---		---		---		---		---		---		---		---
LF-24	22.69	84-94	04/06/90	10/27/99		---		---		---		---		---		---		---		---		---
LF-25	19.16	18-28	04/03/90	04/06/04		---		---		---		---		---		---		---		---		---
LF-26	19.12	38.5-48.5	04/09/90	04/07/04		---		---		---		---		---		---		---		---		---
LF-27	25.45	220-240	04/02/90	10/27/99		---		---		---		---		---		---		---		---		---
LF-27A	25.81	203-233	01/28/91	10/27/99		---		---		---		---		---		---		---		---		---
LF-28	18.71	14-24	04/03/90	11/23/99		---		---		---		---		---		---		---		---		---
PZ1	28.67	8-35	10/17/88	11/29/99		---		---		---		---		---		---		---		---	NM	---
PZ2	28.30	8-28	10/18/88	05/15/01		---		---		---		---		---		---		---		---	NM	---

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	DTW 17-Aug-87	GWE 17-Aug-87	DTW 18-Sep-87	GWE 18-Sep-87	DTW 02-Oct-87	GWE 02-Oct-87	DTW 20-Oct-87	GWE 20-Oct-87	DTW 24-May-88	GWE 24-May-88	DTW 27-Jun-88	GWE 27-Jun-88	DTW 20-Jul-88	GWE 20-Jul-88	DTW 23-Aug-88	GWE 23-Aug-88	DTW 08-Sep-88	GWE 08-Sep-88
PZ3	26.77	8-30	10/19/88	11/24/99		---		---		---		---		---		---		---		---	NM	---
PZ4	27.27	8-30	10/19/88	05/14/01		---		---		---		---		---		---		---		---	NM	---
PZ5	26.08	8-31	10/18/88	05/14/01		---		---		---		---		---		---		---		---	NM	---
PZ6	26.55	10-31	10/21/88	10/26/99		---		---		---		---		---		---		---		---	NM	---
PZ7	25.58	11-31	10/20/88	11/24/99		---		---		---		---		---		---		---		---	NM	---
PZ8	25.68	7.5-27.5	10/20/88	05/14/01		---		---		---		---		---		---		---		---	NM	---
PZ9	24.37	9-29	10/24/88	10/26/99		---		---		---		---		---		---		---		---	NM	---
PZ10	23.68	8-28	10/25/88	05/14/01		---		---		---		---		---		---		---		---	NM	---
PZ11	21.47	8-28	10/25/88	05/14/01		---		---		---		---		---		---		---		---	NM	---
PZ12	21.17	9-29	10/24/88	11/23/99		---		---		---		---		---		---		---		---	NM	---
E-1	29.69	10-28	02/11/88			---		---		---		---		---		---		---		---	NM	---
E-2	29.55	10.5-29.5	02/11/88			---		---		---		---		---		---		---		---	NM	---
E-3	27.34	9-29	11/23/87	07/05/07		---		---		---		---		---		---		---		---	NM	---
E-4	26.76	9-29	11/18/87			---		---		---		---		---		---		---		---	NM	---
E-5	24.45	8.5-28.5	01/22/87	07/05/07		---		---		---		---		---		---		---		---	NM	---
E-6	24.81	23-38	01/27/86	04/08/04	13.99	10.82	14.36	10.45	14.41	10.40	14.59	10.22	6.83	17.98	5.60	19.21	10.20	14.61	14.96	9.85	NM	---
E-7	24.51	19.5-28.9	09/11/86	07/05/07	13.78	10.73	14.18	10.33	14.21	10.30	14.46	10.05	2.19	22.32	0.37	24.14	9.07	15.44	13.29	11.22	NM	---
E-8	23.06	14-49	01/20/88	04/16-20/01		---		---		---		---		---		---		---		---	NM	---
E-9	20.72	14.5-49	01/21/87	04/16-20/01		---		---		---		---		---		---		---		---	NM	---
E-10	29.87	8-25	04/21/92	04/06/04		---		---		---		---		---		---		---		---		---
E-11	23.00	8.5-34.5	04/20/92	04/08/04		---		---		---		---		---		---		---		---		---
E-12	23.57	67.5-78	(2)	04/16-20/01		---		---		---		---		---		---		---		---		---
E-13	31.98	150.5-161	(1)	04/16-20/01		---		---		---		---		---		---		---		---		---
STERO	22.92	?	?		NM	---	NM	---	NM	---	13.08	9.84	NM	---	-3.99	26.91	14.34	8.58	19.12	3.80	20.92	2.00
SOLA CITY	32.67	60-140	04/15/77		NM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---
STATION 5	30.17	160-180				---		---		---		---	NM	---	NM	---	NM	---	NM	---	NM	---

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	DTW 31-Oct-88	GWE 31-Oct-88	DTW 29-Nov-88	GWE 29-Nov-88	DTW 28-Dec-88	GWE 28-Dec-88	DTW 17-Jan-89	GWE 17-Jan-89	DTW 13-Feb-89	GWE 13-Feb-89	DTW 22-Mar-89	GWE 22-Mar-89	DTW 25-Apr-89	GWE 25-Apr-89	DTW 09-May-89	GWE 09-May-89	DTW 26-Jun-89	GWE 26-Jun-89
W12	33.87	14.5-19.5	06/11/82	12/16/99	17.66	16.21	18.85	15.02	20.00	13.87	20.19	13.68	20.56	13.31	22.91	10.96	21.60	12.27	21.57	12.30	20.53	13.34
W13	31.99	33-40	06/10/82	04/16-20/01	16.28	15.71	17.20	14.79	18.32	13.67	18.57	13.42	18.95	13.04	20.93	11.06	19.77	12.22	19.72	12.27	18.73	13.26
W14	32.24	15-19	06/10/82	04/06/04	15.57	16.67	16.64	15.60	19.55	12.69	18.42	13.82	18.63	13.61	20.04	12.20	19.07	13.17	19.09	13.15	18.13	14.11
W15	31.39	40-53	06/08/84	04/16-20/01	16.65	14.74	17.58	13.81	18.56	12.83	18.86	12.53	19.26	12.13	21.23	10.16	20.18	11.21	20.14	11.25	19.01	12.38
W17	30.45	9-14	06/13/84	12/16/99	15.65	14.80	16.39	14.06	17.55	12.90	17.57	12.88	17.87	12.58	19.47	10.98	18.60	11.85	18.48	11.97	17.78	12.67
W18	29.46	7.5-12	06/11/84	12/16/99	15.57	13.89	16.25	13.21	17.06	12.40	17.42	12.04	17.13	12.33	19.35	10.11	18.57	10.89	18.51	10.95	17.69	11.77
W19	27.33	8-13	06/11/84	05/14/01	13.46	13.87	13.77	13.56	14.59	12.74	15.06	12.27	15.55	11.78	17.23	10.10	16.38	10.95	16.37	10.96	15.18	12.15
W20	25.73	42-61	06/12/84	04/16-20/01	13.64	12.09	14.10	11.63	14.74	10.99	15.08	10.65	15.37	10.36	15.77	9.96	16.03	9.70	15.94	9.79	15.20	10.53
W21	25.85	39-59	06/12/84	04/16-20/01	12.79	13.06	13.04	12.81	13.88	11.97	14.27	11.58	14.76	11.09	19.50	6.35	15.52	10.33	15.48	10.37	14.24	11.61
W22	25.91	9-14	06/11/84	07/03/07	12.48	13.43	12.55	13.36	13.59	12.32	13.99	11.92	14.72	11.19	16.73	9.18	15.56	10.35	15.57	10.34	13.99	11.92
W23	26.90	9-14	06/11/84	05/14/01	12.70	14.20	12.68	14.22	13.90	13.00	14.15	12.75	15.02	11.88	17.16	9.74	16.10	10.80	16.08	10.82	14.35	12.55
W24	25.11	9-19	09/11/85	12/16/99	12.94	12.17	13.28	11.83	14.07	11.04	14.53	10.58	14.97	10.14	16.58	8.53	15.79	9.32	15.69	9.42	14.59	10.52
W25	26.95	9-21.5	09/11/85	07/03/07	13.04	13.91	13.16	13.79	14.02	12.93	14.56	12.39	15.03	11.92	17.17	9.78	15.97	10.98	16.12	10.83	14.66	12.29
W26	27.86	9-20	09/11/85	05/15/01	13.15	14.71	13.85	14.01	15.70	12.16	15.13	12.73	16.11	11.75	18.60	9.26	16.76	11.10	16.75	11.11	15.20	12.66
W27	29.21	9-19.5	09/12/85		13.59	15.62	14.18	15.03	15.76	13.45	15.67	13.54	16.49	12.72	18.89	10.32	17.32	11.89	17.26	11.95	15.88	13.33
W28	29.60	9-19.5	09/12/85	05/15/01	14.72	14.88	15.07	14.53	16.91	12.69	17.25	12.35	17.71	11.89	20.22	9.38	17.91	11.69	17.67	11.93	17.14	12.46
W30	31.62	8-18	01/27/86	11/29/99	16.27	15.35	17.17	14.45	18.45	13.17	18.39	13.23	18.81	12.81	20.43	11.19	19.47	12.15	19.40	12.22	18.45	13.17
W31	26.50	7.5-17.5	01/28/86	11/29/99	12.93	13.57	13.06	13.44	14.05	12.45	14.71	11.79	14.96	11.54	16.98	9.52	16.70	9.80	16.76	9.74	15.05	11.45
W32	23.07	8.5-19.5	01/20/86	11/23/99	9.18	13.89	9.36	13.71	10.23	12.84	11.08	11.99	11.81	11.26	14.59	8.48	13.56	9.51	13.12	9.95	11.15	11.92
W33	21.64	8-18	01/29/86	05/15/01	11.38	10.26	11.54	10.10	12.35	9.29	12.82	8.82	13.33	8.31	16.03	5.61	14.21	7.43	14.02	7.62	12.60	9.04
LF-2	24.12	19.5-28.9	09/11/86	07/03/07	12.65	11.47	12.73	11.39	13.79	10.33	14.10	10.02	14.79	9.33	16.70	7.42	15.56	8.56	15.56	8.56	14.08	10.04
LF-3	25.74	44.1-49.5	09/12/86	04/16-20/01	13.11	12.63	13.04	12.70	13.88	11.86	14.23	11.51	15.09	10.65	17.44	8.30	15.42	10.32	15.81	9.93	14.61	11.13
LF-4	27.74	35.0-39.5	09/13/86	04/16-20/01	16.56	11.18	17.51	10.23	18.73	9.01	18.96	8.78	19.33	8.41	21.54	6.20	20.30	7.44	20.28	7.46	19.07	8.67
LF-5	24.04	23.8-33.4	11/17/86	04/16-20/01	12.62	11.42	12.75	11.29	14.09	9.95	14.44	9.60	15.18	8.86	17.16	6.88	15.38	8.66	15.22	8.82	13.47	10.57
LF-6	20.46	39.0-43.2	11/18/86	04/16-20/01	11.20	9.26	11.22	9.24	12.47	7.99	12.95	7.51	13.48	6.98	15.56	4.90	13.66	6.80	13.76	6.70	11.94	8.52
LF-7	27.30	25.1-34.6	03/30/87	11/29/99	13.95	13.35	14.20	13.10	15.65	11.65	15.72	11.58	16.54	10.76	18.65	8.65	17.40	9.90	17.32	9.98	15.80	11.50
LF-8	24.38	24.75-34.25	04/06/87	10/27/99	11.81	12.57	12.32	12.06	13.53	10.85	14.06	10.32	14.68	9.70	16.81	7.57	15.43	8.95	15.48	8.90	13.96	10.42
LF-9	27.13	29.75-38.25	04/07/87	10/27/99	13.77	13.36	14.32	12.81	15.70	11.43	15.81	11.32	16.47	10.66	18.64	8.49	17.22	9.91	17.33	9.80	15.70	11.43
LF-10	29.66	28.75-44.25	04/08/87	04/16-20/01	16.69	12.97	18.05	11.61	19.45	10.21	19.76	9.90	19.66	10.00	22.02	7.64	21.00	8.66	20.87	8.79	19.64	10.02
LF-11	29.42	7.4-16.9	04/09/87	05/16/01	17.40	12.02	18.75	10.67	20.15	9.27	20.16	9.26	20.67	8.75	23.17	6.25	21.63	7.79	21.46	7.96	20.25	9.17
LF-12	32.52	211.75-233	06/18/87	04/16-20/01	12.48	20.04	13.13	19.39	14.54	17.98	15.07	17.45	15.65	16.87	17.80	14.72	16.29	16.23	16.19	16.33	14.70	17.82
LF-13[(1)]	32.51	150.5-161	06/22/87	04/16-20/01	13.41	19.10	13.96	18.55	15.37	17.14	15.64	16.87	14.35	18.16	18.56	13.95	NM	---	17.11	15.40	15.62	16.89
LF-14	32.34	78.5-89	06/24/87	04/16-20/01	17.22	15.12	18.41	13.93	19.59	12.75	19.76	12.58	20.22	12.12	22.50	9.84	21.24	11.10	21.17	11.17	20.03	12.31
LF-15	24.86	204.5-215	06/29/87	04/16-20/01	10.67	14.19	11.70	13.16	13.05	11.81	13.89	10.97	14.51	10.35	16.34	8.52	15.59	9.27	15.33	9.53	14.34	10.52
LF-16	24.95	162.5-173	07/01/87	04/16-20/01	11.75	13.20	12.45	12.50	13.78	11.17	14.38	10.57	15.02	9.93	17.06	7.89	15.66	9.29	15.49	9.46	14.26	10.69
LF-17[(2)]	25.05	67.5-78	07/02/87	04/16-20/01	12.58	12.47	12.73	12.32	14.13	10.92	14.47	10.58	15.22	9.83	17.33	7.72	15.33	9.72	15.21	9.84	13.48	11.57
LF-18	27.13	91.5-102	07/06/87	04/16-20/01	13.44	13.69	13.83	13.30	15.24	11.89	15.43	11.70	16.28	10.85	18.35	8.78	16.94	10.19	16.88	10.25	15.34	11.79
LF-19	30.51	36.25-46.5	07/17/87	04/16-20/01	16.67	13.84	17.70	12.81	18.82	11.69	19.05	11.46	19.44	11.07	24.55	5.96	NM	---	20.36	10.15	19.31	11.20
LF-20	30.50	13.75-24	07/20/87	05/15/01	16.70	13.80	17.71	12.79	18.84	11.66	19.05	11.45	19.42	11.08	21.55	8.95	NM	---	20.36	10.14	19.31	11.19
LF-21	28.94	38.5-49.5	04/10/90	04/16-20/01		---		---		---		---		---		---		---		---		---
LF-22	25.78	39.5-49.5	04/11/90	04/16-20/01		---		---		---		---		---		---		---		---		---
LF-23	22.94	45.5-55.5	04/10/90	10/27/99		---		---		---		---		---		---		---		---		---
LF-24	22.69	84-94	04/06/90	10/27/99		---		---		---		---		---		---		---		---		---
LF-25	19.16	18-28	04/03/90	04/06/04		---		---		---		---		---		---		---		---		---
LF-26	19.12	38.5-48.5	04/09/90	04/07/04		---		---		---		---		---		---		---		---		---
LF-27	25.45	220-240	04/02/90	10/27/99		---		---		---		---		---		---		---		---		---
LF-27A	25.81	203-233	01/28/91	10/27/99		---		---		---		---		---		---		---		---		---
LF-28	18.71	14-24	04/03/90	11/23/99		---		---		---		---		---		---		---		---		---
PZ1	28.67	8-35	10/17/88	11/29/99	14.31	14.36	14.69	13.98	16.11	12.56	16.20	12.47	16.96	11.71	19.08	9.59	17.82	10.85	17.74	10.93	16.30	12.37
PZ2	28.30	8-28	10/18/88	05/15/01	14.50	13.80	14.99	13.31	15.99	12.31	16.33	11.97	16.86	11.44	18.80	9.50	17.73	10.57	17.76	10.54	16.43	11.87

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	DTW 31-Oct-88	GWE 31-Oct-88	DTW 29-Nov-88	GWE 29-Nov-88	DTW 28-Dec-88	GWE 28-Dec-88	DTW 17-Jan-89	GWE 17-Jan-89	DTW 13-Feb-89	GWE 13-Feb-89	DTW 22-Mar-89	GWE 22-Mar-89	DTW 25-Apr-89	GWE 25-Apr-89	DTW 09-May-89	GWE 09-May-89	DTW 26-Jun-89	GWE 26-Jun-89
PZ3	26.77	8-30	10/19/88	11/24/99	13.40	13.37	13.42	13.35	14.93	11.84	14.89	11.88	15.88	10.89	17.95	8.82	16.76	10.01	16.72	10.05	14.96	11.81
PZ4	27.27	8-30	10/19/88	05/14/01	13.27	14.00	13.37	13.90	14.75	12.52	14.74	12.53	15.70	11.57	17.77	9.50	16.45	10.82	16.44	10.83	14.79	12.48
PZ5	26.08	8-31	10/18/88	05/14/01	13.12	12.96	13.26	12.82	14.18	11.90	13.49	12.59	15.17	10.91	17.22	8.86	15.87	10.21	15.94	10.14	14.72	11.36
PZ6	26.55	10-31	10/21/88	10/26/99	12.58	13.97	12.92	13.63	14.12	12.43	14.56	11.99	15.13	11.42	17.09	9.46	15.86	10.69	15.80	10.75	14.41	12.14
PZ7	25.58	11-31	10/20/88	11/24/99	13.07	12.51	13.12	12.46	14.45	11.13	14.43	11.15	15.24	10.34	17.30	8.28	15.72	9.86	15.94	9.64	13.99	11.59
PZ8	25.68	7.5-27.5	10/20/88	05/14/01	12.62	13.06	12.69	12.99	13.78	11.90	14.08	11.60	14.88	10.80	16.93	8.75	15.66	10.02	15.68	10.00	14.10	11.58
PZ9	24.37	9-29	10/24/88	10/26/99	12.23	12.14	12.50	11.87	13.54	10.83	14.10	10.27	14.59	9.78	16.44	7.93	15.17	9.20	15.11	9.26	13.91	10.46
PZ10	23.68	8-28	10/25/88	05/14/01	12.03	11.65	12.05	11.63	13.20	10.48	13.59	10.09	14.23	9.45	16.23	7.45	15.00	8.68	14.92	8.76	13.25	10.43
PZ11	21.47	8-28	10/25/88	05/14/01	10.40	11.07	10.59	10.88	11.60	9.87	12.25	9.22	12.95	8.52	15.19	6.28	13.60	7.87	13.44	8.03	11.96	9.51
PZ12	21.17	9-29	10/24/88	11/23/99	10.82	10.35	10.44	10.73	11.61	9.56	12.23	8.94	12.95	8.22	15.33	5.84	12.72	8.45	12.51	8.66	10.90	10.27
E-1	29.69	10-28	02/11/88		6.99	22.70	11.69	18.00	17.60	12.09	17.10	12.59	15.65	14.04	8.93	20.76	7.25	22.44	5.99	23.70	7.54	22.15
E-2	29.55	10.5-29.5	02/11/88		9.06	20.49	8.05	21.50	9.06	20.49	6.90	22.65	5.54	24.01	9.18	20.37	7.19	22.36	5.86	23.69	6.28	23.27
E-3	27.34	9-29	11/23/87	07/05/07	NM	---	8.34	19.00	16.29	11.05	15.85	11.49	13.98	13.36	19.74	7.60	4.27	23.07	5.59	21.75	4.94	22.40
E-4	26.76	9-29	11/18/87		8.24	18.52	2.26	24.50	12.03	14.73	11.32	15.44	12.63	14.13	19.67	7.09	4.74	22.02	4.66	22.10	3.11	23.65
E-5	24.45	8.5-28.5	01/22/87	07/05/07	1.36	23.09	0.95	23.50	2.68	21.77	1.35	23.10	12.85	11.60	15.57	8.88	2.55	21.90	3.20	21.25	NM	---
E-6	24.81	23-38	01/27/86	04/08/04	8.52	16.29	-0.19	25.00	0.49	24.32	2.58	22.23	3.97	20.84	14.83	9.98	8.69	16.12	7.81	17.00	1.46	23.35
E-7	24.51	19.5-28.9	09/11/86	07/05/07	12.54	11.97	8.01	16.50	14.06	10.45	7.73	16.78	15.00	9.51	17.47	7.04	6.21	18.30	16.31	8.20	10.86	13.65
E-8	23.06	14-49	01/20/88	04/16-20/01	11.94	11.12	10.56	12.50	13.39	9.67	13.52	9.54	14.74	8.32	16.92	6.14	9.56	13.50	8.96	14.10	2.11	20.95
E-9	20.72	14.5-49	01/21/87	04/16-20/01	11.33	9.39	7.72	13.00	10.62	10.10	10.72	10.00	12.21	8.51	15.96	4.76	3.25	17.47	3.07	17.65	0.84	19.88
E-10	29.87	8-25	04/21/92	04/06/04		---		---		---		---		---		---		---		---		---
E-11	23.00	8.5-34.5	04/20/92	04/08/04		---		---		---		---		---		---		---		---		---
E-12	23.57	67.5-78	(2)	04/16-20/01		---		---		---		---		---		---		---		---		---
E-13	31.98	150.5-161	(1)	04/16-20/01		---		---		---		---		---		---		---		---		---
STERO	22.92	?	?		21.59	1.33	NM	---	13.85	9.07	14.33	8.59	15.03	7.89	17.24	5.68	15.76	7.16	25.37	-2.45	14.33	8.59
SOLA CITY	32.67	60-140	04/15/77		NM	---	NM	---	19.63	13.04	19.78	12.89	20.22	12.45	22.26	10.41	21.30	11.37	21.52	11.15	22.32	10.35
STATION 5	30.17	160-180			NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	DTW 26-Jul-89	GWE 26-Jul-89	DTW 31-Aug-89	GWE 31-Aug-89	DTW 18-Sept-89	GWE 18-Sept-89	DTW 16-Nov-89	GWE 16-Nov-89	DTW 13-Mar-90	GWE 13-Mar-90	DTW 14-Jan-91	GWE 14-Jan-91	DTW 14-Apr-91	GWE 14-Apr-91	DTW 30-Jul-91	GWE 30-Jul-91	DTW 22-Oct-91	GWE 22-Oct-91	DTW 24-Jun-92
W12	33.87	14.5-19.5	06/11/82	12/16/99	19.85	14.02	19.46	14.41	19.56	14.31	18.51	15.36	21.98	11.89	17.43	16.44	21.63	12.24	19.01	14.86	17.04	16.83	21.44
W13	31.99	33-40	06/10/82	04/16-20/01	18.15	13.84	17.86	14.13	18.05	13.94	17.02	14.97	20.60	11.39	16.06	15.93	19.72	12.27	17.52	14.47	15.58	16.41	19.78
W14	32.24	15-19	06/10/82	04/06/04	17.61	14.63	17.52	14.72	18.15	14.09	16.68	15.56	20.54	11.70	15.81	16.43	19.14	13.10	17.17	15.07	15.29	16.95	19.07
W15	31.39	40-53	06/08/84	04/16-20/01	18.43	12.96	18.15	13.24	18.19	13.20	17.37	14.02	20.49	10.90	16.40	14.99	21.08	10.31	17.92	13.47	15.99	15.40	20.03
W17	30.45	9-14	06/13/84	12/16/99	17.29	13.16	17.02	13.43	17.21	13.24	16.34	14.11	18.66	11.79	15.59	14.86	18.56	11.89	16.94	13.51	15.24	15.21	18.63
W18	29.46	7.5-12	06/11/84	12/16/99	17.17	12.29	16.87	12.59	16.89	12.57	16.21	13.25	18.73	10.73	15.29	14.17	18.49	10.97	16.78	12.68	14.96	14.50	18.47
W19	27.33	8-13	06/11/84	05/14/01	14.61	12.72	14.38	12.95	14.36	12.97	13.95	13.38	16.71	10.62	13.15	14.18	15.90	11.43	14.58	12.75	12.43	14.90	15.71
W20	25.73	42-61	06/12/84	04/16-20/01	14.76	10.97	14.58	11.15	14.64	11.09	14.21	11.52	16.22	9.51	13.50	12.23	15.89	9.84	14.62	11.11	13.04	12.69	15.78
W21	25.85	39-59	06/12/84	04/16-20/01	13.66	12.19	13.48	12.37	13.47	12.38	13.17	12.68	15.86	9.99	12.31	13.54	14.92	10.93	13.60	12.25	11.64	14.21	14.78
W22	25.91	9-14	06/11/84	07/03/07	13.32	12.59	13.12	12.79	12.98	12.93	12.74	13.17	16.07	9.84	11.85	14.06	14.67	11.24	13.52	12.39	11.01	14.90	14.53
W23	26.90	9-14	06/11/84	05/14/01	13.59	13.31	13.39	13.51	13.15	13.75	12.92	13.98	16.42	10.48	12.00	14.90	14.93	11.97	13.98	12.92	11.11	15.79	14.63
W24	25.11	9-19	09/11/85	12/16/99	14.03	11.08	14.83	10.28	13.81	11.30	13.48	11.63	15.98	9.13	12.70	12.41	15.30	9.81	13.93	11.18	11.97	13.14	15.05
W25	26.95	9-21.5	09/11/85	07/03/07	14.25	12.70	13.92	13.03	14.02	12.93	13.42	13.53	17.04	9.91	12.46	14.49	15.43	11.52	14.32	12.63	11.87	15.08	15.73
W26	27.86	9-20	09/11/85	05/15/01	14.50	13.36	14.00	13.86	14.05	13.81	13.64	14.22	17.17	10.69	12.73	15.13	15.84	12.02	14.52	13.34	11.93	15.93	15.74
W27	29.21	9-19.5	09/12/85		15.18	14.03	14.93	14.28	14.75	14.46	14.27	14.94	17.52	11.69	13.19	16.02	16.47	12.74	15.05	14.16	12.48	16.73	16.11
W28	29.60	9-19.5	09/12/85	05/15/01	16.54	13.06	16.22	13.38	16.34	13.26	15.64	13.96	19.73	9.87	14.93	14.67	18.02	11.58	15.93	13.67	14.17	15.43	18.66
W30	31.62	8-18	01/27/86	11/29/99	17.83	13.79	17.54	14.08	17.68	13.94	16.94	14.68	19.66	11.96	15.94	15.68	19.25	12.37	17.27	14.35	15.23	16.39	18.89
W31	26.50	7.5-17.5	01/28/86	11/29/99	14.60	11.90	14.73	11.77	13.81	12.69	13.99	12.51	16.21	10.29	12.07	14.43	15.69	10.81	13.88	12.62	11.10	15.40	14.46
W32	23.07	8.5-19.5	01/20/86	11/23/99	9.97	13.10	9.81	13.26	9.26	13.81	9.59	13.48	13.31	9.76	8.63	14.44	12.31	10.76	11.90	11.17	7.47	15.60	11.79
W33	21.64	8-18	01/29/86	05/15/01	11.88	9.76	11.76	9.88	11.69	9.95	11.57	10.07	14.32	7.32	10.86	10.78	13.70	7.94	11.90	9.74	9.94	11.70	12.64
LF-2	24.12	19.5-28.9	09/11/86	07/03/07	13.57	10.55	13.25	10.87	11.18	12.94	12.90	11.22	16.09	8.03	12.07	12.05	14.81	9.31	13.50	10.62	11.18	12.94	14.74
LF-3	25.74	44.1-49.5	09/12/86	04/16-20/01	14.22	11.52	13.85	11.89	13.59	12.15	12.70	13.04	17.00	8.74	12.67	13.07	14.70	11.04	13.61	12.13	11.95	13.79	NM
LF-4	27.74	35.0-39.5	09/13/86	04/16-20/01	18.38	9.36	18.06	9.68	18.37	9.37	17.31	10.43	20.86	6.88	16.18	11.56	20.07	7.67	17.72	10.02	15.64	12.10	19.87
LF-5	24.04	23.8-33.4	11/17/86	04/16-20/01	12.66	11.38	12.31	11.73	12.12	11.92	12.00	12.04	16.22	7.82	10.85	13.19	13.63	10.41	11.83	12.21	9.41	14.63	14.48
LF-6	20.46	39.0-43.2	11/18/86	04/16-20/01	11.23	9.23	11.13	9.33	10.96	9.50	10.98	9.48	14.74	5.72	9.91	10.55	12.88	7.58	11.12	9.34	8.56	11.90	13.15
LF-7	27.30	25.1-34.6	03/30/87	11/29/99	15.03	12.27	14.78	12.52	14.60	12.70	14.24	13.06	17.63	9.67	13.14	14.16		---	14.54	12.76	12.25	15.05	16.17
LF-8	24.38	24.75-34.25	04/06/87	10/27/99	13.04	11.34	12.71	11.67	12.77	11.61	12.77	11.61	15.71	8.67	11.40	12.98	14.84	9.54	12.64	11.74	10.28	14.10	13.92
LF-9	27.13	29.75-38.25	04/07/87	10/27/99	14.93	12.20	14.68	12.45	14.56	12.57	14.12	13.01	17.46	9.67	12.68	14.45	16.32	10.81	14.26	12.87	11.73	15.40	15.69
LF-10	29.66	28.75-44.25	04/08/87	04/16-20/01	19.24	10.42	18.52	11.14	18.24	11.42	17.71	11.95	21.33	8.33	16.30	13.36	20.51	9.15	17.71	11.95	15.50	14.16	19.96
LF-11	29.42	7.4-16.9	04/09/87	05/16/01	19.60	9.82	19.10	10.32	19.34	10.08	18.28	11.14	21.51	7.91	16.42	13.00	20.81	8.61	18.17	11.25	NM	---	19.99
LF-12	32.52	211.75-233	06/18/87	04/16-20/01	13.90	18.62	13.71	18.82	13.59	18.93	12.96	19.56	16.74	15.78	11.09	21.43	14.94	17.58	12.62	19.90	10.12	22.40	14.07
LF-13[1]	32.51	150.5-161	06/22/87	04/16-20/01	14.84	17.67	14.70	17.81	14.50	18.01	13.86	18.65	17.48	15.03	12.31	20.20	16.17	16.34	13.93	18.58	11.51	21.00	15.45
LF-14	32.34	78.5-89	06/24/87	04/16-20/01	19.30	13.04	18.92	13.42	19.00	13.34	17.97	14.37	21.54	10.80	16.78	15.56	20.95	11.39	18.27	14.07	16.28	16.06	20.62
LF-15	24.86	204.5-215	06/29/87	04/16-20/01	13.59	11.27	12.35	12.51	13.28	11.58	11.92	12.94	15.67	9.19	8.52	16.34	12.82	12.04	9.75	15.11	7.28	17.58	10.50
LF-16	24.95	162.5-173	07/01/87	04/16-20/01	13.51	11.44	13.27	11.68	13.25	11.70	12.67	12.28	16.02	8.93	10.73	14.22	14.46	10.49	12.05	12.90	9.61	15.34	13.21
LF-17[2]	25.05	67.5-78	07/02/87	04/16-20/01	12.77	12.28	12.61	12.44	12.42	12.63	12.20	12.85	16.28	8.77	11.00	14.05	14.26	10.79	12.50	12.55	9.88	15.17	14.52
LF-18	27.13	91.5-102	07/06/87	04/16-20/01	14.59	12.54	14.35	12.78	14.24	12.89	13.73	13.40	17.31	9.82	12.42	14.71	15.85	11.28	13.93	13.20	11.53	15.60	15.51
LF-19	30.51	36.25-46.5	07/17/87	04/16-20/01	18.69	11.82	18.32	12.19	18.46	12.05	17.46	13.05	20.93	9.58	16.41	14.10	20.28	10.23	17.92	12.59	15.95	14.56	20.21
LF-20	30.50	13.75-24	07/20/87	05/15/01	18.69	11.81	18.33	12.17	18.45	12.05	17.47	13.03	20.92	9.58	16.38	14.12	20.26	10.24	17.92	12.58	15.95	14.55	20.19
LF-21	28.94	38.5-49.5	04/10/90	04/16-20/01		---		---		---		---	28.94	0.00	15.62	13.32	19.16	9.78	17.08	11.86	15.06	13.88	19.24
LF-22	25.78	39.5-49.5	04/11/90	04/16-20/01		---		---		---		---	25.78	0.00	12.08	13.70	14.90	10.88	13.45	12.33	11.18	14.60	14.18
LF-23	22.94	45.5-55.5	04/10/90	10/27/99		---		---		---		---		---	10.83	12.11	13.02	9.92	11.86	11.08	9.67	13.27	13.01
LF-24	22.69	84-94	04/06/90	10/27/99		---		---		---		---		---	11.21	11.48	14.73	7.96	12.52	10.17	10.19	12.50	13.74
LF-25	19.16	18-28	04/03/90	04/06/04		---		---		---		---		---	9.12	10.04	11.95	7.21	9.47	9.69	7.86	11.30	11.05
LF-26	19.12	38.5-48.5	04/09/90	04/07/04		---		---		---		---		---	9.47	9.65	12.21	6.91	10.06	9.06	8.17	10.95	11.41
LF-27	25.45	220-240	04/02/90	10/27/99		---		---		---		---		---	-9.69	35.14	-11.61	37.06	-15.18	40.63	-17.63	43.08	-22.12
LF-27A	25.81	203-233	01/28/91	10/27/99		---		---		---		---		---		---	-23.92	49.73	-31.04	56.85	-34.42	60.23	-31.31
LF-28	18.71	14-24	04/03/90	11/23/99		---		---		---		---		---	9.62	9.09	12.30	6.41	18.71	0.00	8.12	10.59	11.34
PZ1	28.67	8-35	10/17/88	11/29/99	15.54	13.13	15.28	13.39	15.12	13.55	14.68	13.99	18.02	10.65	13.50	15.17	16.80	11.87	15.04	13.63	22.65	6.02	16.53
PZ2	28.30	8-28	10/18/88	05/15/01	15.88	12.42	15.60	12.70	15.58	12.72	14.95	13.35	18.29	10.01	13.93	14.37	17.19	11.11	15.68	12.62	13.36	14.94	17.23

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	DTW 26-Jul-89	GWE 26-Jul-89	DTW 31-Aug-89	GWE 31-Aug-89	DTW 18-Sept-89	GWE 18-Sept-89	DTW 16-Nov-89	GWE 16-Nov-89	DTW 13-Mar-90	GWE 13-Mar-90	DTW 14-Jan-91	GWE 14-Jan-91	DTW 14-Apr-91	GWE 14-Apr-91	DTW 30-Jul-91	GWE 30-Jul-91	DTW 22-Oct-91	GWE 22-Oct-91	DTW 24-Jun-92
PZ3	26.77	8-30	10/19/88	11/24/99	14.23	12.54	13.98	12.79	13.80	12.97	13.49	13.28	17.14	9.63	12.56	14.21	NM	---	13.91	12.86	11.64	15.13	15.60
PZ4	27.27	8-30	10/19/88	05/14/01	14.11	13.16	13.86	13.41	13.75	13.52	13.37	13.90	17.03	10.24	12.54	14.73	15.39	11.88	13.98	13.29	11.69	15.58	15.57
PZ5	26.08	8-31	10/18/88	05/14/01	14.15	11.93	13.91	12.17	13.85	12.23	13.46	12.62	16.90	9.18	12.58	13.50	15.39	10.69	14.09	11.99	11.82	14.26	15.54
PZ6	26.55	10-31	10/21/88	10/26/99	13.67	12.88	13.50	13.05	14.24	12.31	13.06	13.49	16.19	10.36	11.79	14.76	15.02	11.53	13.22	13.33	10.60	15.95	14.58
PZ7	25.58	11-31	10/20/88	11/24/99	13.26	12.32	13.09	12.49	12.84	12.74	12.63	12.95	16.30	9.28	11.48	14.10	14.71	10.87	13.11	12.47	10.39	15.19	14.80
PZ8	25.68	7.5-27.5	10/20/88	05/14/01	13.44	12.24	13.24	12.44	13.10	12.58	12.83	12.85	17.34	8.34	11.99	13.69	14.75	10.93	13.60	12.08	11.16	14.52	14.76
PZ9	24.37	9-29	10/24/88	10/26/99	13.21	11.16	13.06	11.31	12.73	11.64	12.70	11.67	15.39	8.98	11.56	12.81	14.43	9.94	12.70	11.67	10.09	14.28	13.90
PZ10	23.68	8-28	10/25/88	05/14/01	12.54	11.14	12.39	11.29	12.24	11.44	12.06	11.62	15.49	8.19	11.14	12.54	14.12	9.56	12.85	10.83	9.40	14.28	13.76
PZ11	21.47	8-28	10/25/88	05/14/01	11.19	10.28	11.14	10.33	9.04	12.43	11.11	10.36	14.38	7.09	10.26	11.21	13.27	8.20	11.56	9.91	9.07	12.40	12.75
PZ12	21.17	9-29	10/24/88	11/23/99	10.01	11.16	9.91	11.26	9.72	11.45	9.64	11.53	14.21	6.96	8.67	12.50	11.66	9.51	10.40	10.77	7.17	14.00	12.41
E-1	29.69	10-28	02/11/88		7.30	22.39	8.32	21.37	5.85	23.84	6.65	23.04	20.59	9.10	8.54	21.15	5.29	24.40	7.41	22.28	6.51	23.18	12.56
E-2	29.55	10.5-29.5	02/11/88		7.95	21.60	5.22	24.33	NM	---	4.81	24.74	20.64	8.91	4.88	24.67	4.44	25.11		---	1.49	28.06	17.72
E-3	27.34	9-29	11/23/87	07/05/07	5.94	21.40	17.20	10.14	4.34	23.00	9.49	17.85	19.76	7.58	5.88	21.46	7.35	19.99	7.69	19.65	7.15	20.19	18.66
E-4	26.76	9-29	11/18/87		3.74	23.02	4.61	22.15	4.37	22.39	4.21	22.55	19.52	7.24	3.76	23.00	4.36	22.40	4.83	21.93	4.70	22.06	18.45
E-5	24.45	8.5-28.5	01/22/87	07/05/07	1.87	22.58	2.75	21.70	0.45	24.00	2.25	22.20	16.66	7.79	1.30	23.15	0.25	24.20	3.45	21.00	2.56	21.89	NM
E-6	24.81	23-38	01/27/86	04/08/04	6.53	18.28	NM	---	3.31	21.50	9.68	15.13	NM	---	8.97	15.84	1.95	22.86		---	NM	---	NM
E-7	24.51	19.5-28.9	09/11/86	07/05/07	8.96	15.55	8.12	16.40	NM	---	6.13	18.38	NM	---	3.45	21.06	3.20	21.31	-3.49	28.00	-2.42	26.93	15.31
E-8	23.06	14-49	01/20/88	04/16-20/01	0.52	22.54	0.64	22.42	0.11	22.95	-1.20	24.26	16.14	6.92	-4.72	27.78	0.44	22.62	-5.24	28.30	-2.35	25.41	14.44
E-9	20.72	14.5-49	01/21/87	04/16-20/01	-1.04	21.76	-1.03	21.75	-2.43	23.15	-3.72	24.44	15.13	5.59	0.75	19.97	4.60	16.12	3.52	17.20	1.35	19.37	13.42
E-10	29.87	8-25	04/21/92	04/06/04		---		---		---		---		---		---		---		---		---	---
E-11	23.00	8.5-34.5	04/20/92	04/08/04		---		---		---		---		---		---		---		---		---	---
E-12	23.57	67.5-78	(2)	04/16-20/01		---		---		---		---		---		---		---		---		---	---
E-13	31.98	150.5-161	(1)	04/16-20/01		---		---		---		---		---		---		---		---		---	---
STERO	22.92	?	?		NM	---	13.27	9.66	13.32	9.60	13.04	9.88		---		---		---		---		---	
SOLA CITY	32.67	60-140	04/15/77		19.63	13.04	19.21	13.46	19.18	13.49	18.36	14.31		---		---		---		---		---	
STATION 5	30.17	160-180			NM	---	NM	---	NM	---	NM	---		---		---		---		---		---	

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 24-Jun-92	DTW 10-Aug-92	GWE 10-Aug-92	DTW 17-Aug-92	GWE 17-Aug-92	DTW 21-Sept-92	GWE 21-Sept-92	DTW 21-Dec-92	GWE 21-Dec-92	DTW 22-Mar-93	GWE 22-Mar-93	DTW 26-Jul-93	GWE 26-Jul-93	DTW 25-Oct-93	GWE 25-Oct-93	DTW 29-Dec-93	GWE 29-Dec-93	DTW 11-Apr-94	GWE 11-Apr-94	DTW 22-Jul-94
W12	33.87	14.5-19.5	06/11/82	12/16/99	12.43	20.71	13.16	20.49	13.38	19.86	14.01	12.00	21.87	9.10	24.77	12.58	21.29	12.67	21.20	11.92	21.95	11.62	22.25	13.18
W13	31.99	33-40	06/10/82	04/16-20/01	12.21	18.73	13.26	18.53	13.46	17.94	14.05	12.27	19.72	9.57	22.42	12.67	19.32	12.26	19.73	12.04	19.95	11.55	20.44	13.29
W14	32.24	15-19	06/10/82	04/06/04	13.17	18.23	14.01	18.03	14.21	16.27	15.97	14.49	17.75	11.98	20.26	14.70	17.54	12.57	19.67	12.40	19.84	12.58	19.66	15.19
W15	31.39	40-53	06/08/84	04/16-20/01	11.36	19.25	12.14	19.05	12.34	18.48	12.91	11.13	20.26	8.33	23.06	11.61	19.78	11.61	19.78	11.04	20.35	10.67	20.72	12.16
W17	30.45	9-14	06/13/84	12/16/99	11.82	18.04	12.41	17.88	12.57	17.44	13.01	11.72	18.73	9.19	21.26	12.04	18.41	12.11	18.34	11.65	18.80	11.24	19.21	12.47
W18	29.46	7.5-12	06/11/84	12/16/99	10.99	17.74	11.72	17.56	11.90	17.09	12.37	10.99	18.47	8.30	21.16	11.24	18.22	11.22	18.24	10.84	18.62	10.42	19.04	11.73
W19	27.33	8-13	06/11/84	05/14/01	11.62	14.53	12.80	14.28	13.05	13.82	13.51	12.02	15.31	9.31	18.02	12.20	15.13	11.67	15.66	11.96	15.37	11.48	15.85	12.78
W20	25.73	42-61	06/12/84	04/16-20/01	9.95	15.06	10.67	14.90	10.83	14.55	11.18	10.05	15.68	7.95	17.78	10.26	15.47	10.15	15.58	10.01	15.72	9.60	16.13	10.58
W21	25.85	39-59	06/12/84	04/16-20/01	11.07	13.45	12.40	13.22	12.63	12.78	13.07	11.66	14.19	9.18	16.67	11.74	14.11	11.12	14.73	11.54	14.31	11.12	14.73	12.30
W22	25.91	9-14	06/11/84	07/03/07	11.38	12.93	12.98	12.64	13.27	12.15	13.76	12.21	13.70	9.37	16.54	12.09	13.82	11.12	14.79	12.05	13.86	11.62	14.29	12.85
W23	26.90	9-14	06/11/84	05/14/01	12.27	13.32	13.58	12.97	13.93	12.45	14.45	13.00	13.90	9.97	16.93	12.77	14.13	11.79	15.11	12.73	14.17	12.29	14.61	13.53
W24	25.11	9-19	09/11/85	12/16/99	10.06	13.99	11.12	13.75	11.36	13.31	11.80	10.42	14.69	7.88	17.23	10.67	14.44	10.23	14.88	10.36	14.75	9.87	15.24	11.15
W25	26.95	9-21.5	09/11/85	07/03/07	11.22	14.20	12.75	13.93	13.02	13.36	13.59	11.51	15.44	8.73	18.22	11.88	15.07	10.98	15.97	11.54	15.41	11.27	15.68	12.56
W26	27.86	9-20	09/11/85	05/15/01	12.12	14.29	13.57	14.03	13.83	13.46	14.40	12.50	15.36	9.77	18.09	12.72	15.14	11.90	15.96	12.58	15.28	12.17	15.69	13.50
W27	29.21	9-19.5	09/12/85		13.10	14.98	14.23	14.69	14.52	14.12	15.09	13.14	16.07	10.54	18.67	13.58	15.63	12.88	16.33	13.34	15.87	12.87	16.34	14.33
W28	29.60	9-19.5	09/12/85	05/15/01	10.94	16.82	12.78	16.58	13.02	16.17	13.43	11.77	17.83	9.30	20.30	12.05	17.55	10.99	18.61	11.73	17.87	11.05	18.55	12.59
W30	31.62	8-18	01/27/86	11/29/99	12.73	18.19	13.43	17.98	13.64	17.47	14.15	12.61	19.01	10.61	21.01	13.01	18.61	12.81	18.81	12.61	19.01	12.35	19.27	13.63
W31	26.50	7.5-17.5	01/28/86	11/29/99	12.04	13.55	12.95	13.17	13.33	12.55	13.95	12.56	13.94	9.31	17.19	12.07	14.43	11.66	14.84	11.86	14.64	11.41	15.09	12.86
W32	23.07	8.5-19.5	01/20/86	11/23/99	11.28	10.67	12.40	10.20	12.87	9.60	13.47	12.63	10.44	8.15	14.92	11.56	11.51	10.61	12.46	11.13	11.94	9.98	13.09	12.03
W33	21.64	8-18	01/29/86	05/15/01	9.00	11.53	10.11	11.28	10.36	10.92	10.72	9.48	12.16	6.67	14.97	9.93	11.71	9.26	12.38	9.29	12.35	8.65	12.99	10.28
LF-2	24.12	19.5-28.9	09/11/86	07/03/07	9.38	12.87	11.25	12.59	11.53	12.11	12.01	10.45	13.67	7.73	16.39	10.41	13.71	9.22	14.90	10.35	13.77	9.91	14.21	11.16
LF-3	25.74	44.1-49.5	09/12/86	04/16-20/01	---	13.34	12.40	13.09	12.65	12.53	13.21	10.22	15.52	7.91	17.83	11.43	14.31	9.97	15.77	10.24	15.50	10.64	15.10	12.09
LF-4	27.74	35.0-39.5	09/13/86	04/16-20/01	7.87	18.89	8.85	18.67	9.07	18.05	9.69	7.76	19.98	5.09	22.65	8.23	19.51	8.00	19.74	7.69	20.05	7.29	20.45	8.83
LF-5	24.04	23.8-33.4	11/17/86	04/16-20/01	9.56	11.76	12.28	11.51	12.53	10.99	13.05	11.54	12.50	8.03	16.01	9.87	14.17	9.32	14.72	9.70	14.34	10.48	13.56	12.09
LF-6	20.46	39.0-43.2	11/18/86	04/16-20/01	7.31	11.14	9.32	10.89	9.57	10.40	10.06	8.69	11.77	5.65	14.81	7.89	12.57	7.15	13.31	7.60	12.86	7.06	13.40	8.74
LF-7	27.30	25.1-34.6	03/30/87	11/29/99	11.13	14.72	12.58	14.48	12.82	13.90	13.40	11.70	15.60	8.84	18.46	11.79	15.51	11.02	16.28	11.62	15.68	11.13	16.17	12.45
LF-8	24.38	24.75-34.25	04/06/87	10/27/99	10.46	12.83	11.55	12.63	11.75	12.15	12.23	10.54	13.84	7.67	16.71	10.56	13.82	10.27	14.11	10.07	14.31	9.70	14.68	11.11
LF-9	27.13	29.75-38.25	04/07/87	10/27/99	11.44	14.46	12.67	14.21	12.92	13.62	13.51	11.71	15.42	8.74	18.39	11.92	15.21	11.29	15.84	11.56	15.57	11.09	16.04	12.48
LF-10	29.66	28.75-44.25	04/08/87	04/16-20/01	9.70	18.87	10.79	18.67	10.99	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM
LF-11	29.42	7.4-16.9	04/09/87	05/16/01	9.43	19.23	10.19	19.04	10.38	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM
LF-12	32.52	211.75-233	06/18/87	04/16-20/01	18.45	12.62	19.90	12.32	20.20	11.78	20.74	18.70	13.82	15.15	17.37	19.02	13.50	18.33	14.19	18.22	14.30	18.07	14.45	19.85
LF-13[(1)]	32.51	150.5-161	06/22/87	04/16-20/01	17.06	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM
LF-14	32.34	78.5-89	06/24/87	04/16-20/01	11.72	19.77	12.57	19.53	12.81	18.89	13.45	11.36	20.98	8.62	23.72	12.00	20.34	11.92	20.42	11.38	20.96	11.02	21.32	12.61
LF-15	24.86	204.5-215	06/29/87	04/16-20/01	14.36	9.52	15.34	9.25	15.61	8.65	16.21	14.03	10.83	8.98	15.88	14.70	10.16	14.51	10.35	12.86	12.00	12.70	12.16	15.39
LF-16	24.95	162.5-173	07/01/87	04/16-20/01	11.74	12.08	12.87	11.85	13.10	11.33	13.62	11.74	13.21	8.28	16.67	12.04	12.91	11.68	13.27	11.12	13.83	10.85	14.10	12.67
LF-17[(2)]	25.05	67.5-78	07/02/87	04/16-20/01	10.53	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM
LF-18	27.13	91.5-102	07/06/87	04/16-20/01	11.62	13.63	13.50	13.37	13.76	12.66	14.47	12.41	14.72	9.23	17.90	14.14	12.99	11.47	15.66	15.14	11.99	12.66	14.47	12.98
LF-19	30.51	36.25-46.5	07/17/87	04/16-20/01	10.30	19.28	11.23	19.05	11.46	18.46	12.05	10.17	20.34	7.40	23.11	10.63	19.88	10.45	20.06	10.08	20.43	9.58	20.93	11.23
LF-20	30.50	13.75-24	07/20/87	05/15/01	10.31	19.27	11.23	19.05	11.45	18.46	12.04	10.18	20.32	7.42	23.08	10.63	19.87	10.46	20.04	10.07	20.43	9.57	20.93	11.23
LF-21	28.94	38.5-49.5	04/10/90	04/16-20/01	9.70	18.13	10.81	17.90	11.04	17.32	11.62	9.78	19.16	7.06	21.88	10.16	18.78	9.72	19.22	9.66	19.28	9.12	19.82	10.77
LF-22	25.78	39.5-49.5	04/11/90	04/16-20/01	11.60	13.20	12.58	12.96	12.82	12.41	13.37	11.71	14.07	8.87	16.91	11.63	14.15	10.40	15.38	11.64	14.14	11.17	14.61	12.37
LF-23	22.94	45.5-55.5	04/10/90	10/27/99	9.93	12.03	10.91	11.86	11.08	11.42	11.52	9.92	13.02	7.41	15.53	10.05	12.89	9.87	13.07	9.56	13.38	9.25	13.69	10.55
LF-24	22.69	84-94	04/06/90	10/27/99	8.95	12.68	10.01	12.47	10.22	11.97	10.72	8.98	13.71	6.03	16.66	9.14	13.55	8.83	13.86	8.54	14.15	8.21	14.48	9.72
LF-25	19.16	18-28	04/03/90	04/06/04	8.11	10.28	8.88	10.05	9.11	9.66	9.50	8.32	10.84	6.03	13.13	8.25	10.91	7.78	11.38	8.08	11.08	7.53	11.63	8.95
LF-26	19.12	38.5-48.5	04/09/90	04/07/04	7.71	10.44	8.68	10.23	8.89	9.84	9.28	8.02	11.10	5.66	13.46	8.80	10.32	8.37	10.75	7.68	11.44	7.22	11.90	8.60
LF-27	25.45	220-240	04/02/90	10/27/99	47.57	-23.35	48.80	-23.54	48.99	-24.48	49.93	51.50	-26.05	50.93	-25.48	52.52	-27.07	54.47	-29.02	55.13	-29.68	54.67	-29.22	56.29
LF-27A	25.81	203-233	01/28/91	10/27/99	57.12	-34.91	60.72	-35.33	61.14	-37.00	62.81	63.20	-37.39	45.44	-19.63	57.27	-31.46	63.28	-37.47	58.73	-32.92	49.97	-24.16	60.82
LF-28	18.71	14-24	04/03/90	11/23/99	7.37	10.46	8.25	10.25	8.46	9.86	8.85	7.71	11.00	5.23	13.48	7.68	11.03	7.47	11.24	7.32	11.39	6.70	12.01	8.12
PZ1	28.67	8-35	10/17/88	11/29/99	12.14	15.22	13.45	14.97	13.70	14.39	14.28	12.55	16.12	9.73	18.94	12.63	16.04	11.94	16.73	12.43	16.24	11.98	16.69	13.26
PZ2	28.30	8-28	10/18/88	05/15/01	11.07	16.04	12.26	15.81	12.49	15.29	13.01	11.25	17.05	8.43	19.87	11.50	16.80	10.98	17.32	11.19	17.11	10.77	17.53	12.16

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 24-Jun-92	DTW 10-Aug-92	GWE 10-Aug-92	DTW 17-Aug-92	GWE 17-Aug-92	DTW 21-Sept-92	GWE 21-Sept-92	DTW 21-Dec-92	GWE 21-Dec-92	DTW 22-Mar-93	GWE 22-Mar-93	DTW 26-Jul-93	GWE 26-Jul-93	DTW 25-Oct-93	GWE 25-Oct-93	DTW 29-Dec-93	GWE 29-Dec-93	DTW 11-Apr-94	GWE 11-Apr-94	DTW 22-Jul-94
PZ3	26.77	8-30	10/19/88	11/24/99	11.17	13.89	12.88	13.64	13.13	13.06	13.71	12.02	14.75	9.16	17.61	11.94	14.83	11.00	15.77	11.94	14.83	11.48	15.29	12.70
PZ4	27.27	8-30	10/19/88	05/14/01	11.70	13.86	13.41	13.59	13.68	13.08	14.19	12.45	14.82	9.70	17.57	12.42	14.85	11.46	15.81	12.46	14.81	12.03	15.24	13.25
PZ5	26.08	8-31	10/18/88	05/14/01	10.54	13.90	12.18	13.65	12.43	13.15	12.93	11.21	14.87	8.46	17.62	11.21	14.87	10.33	15.75	11.20	14.88	10.83	15.25	12.00
PZ6	26.55	10-31	10/21/88	10/26/99	11.97	13.21	13.34	12.95	13.60	12.40	14.15	12.57	13.98	9.58	16.97	12.27	14.28	11.71	14.84	11.97	14.58	11.70	14.85	13.10
PZ7	25.58	11-31	10/20/88	11/24/99	10.78	13.14	12.44	12.84	12.74	12.27	13.31	11.80	13.78	8.67	16.91	11.30	14.28	10.62	14.96	11.08	14.50	10.91	14.67	12.39
PZ8	25.68	7.5-27.5	10/20/88	05/14/01	10.92	13.07	12.61	12.79	12.89	12.29	13.39	11.80	13.88	8.97	16.71	11.63	14.05	10.62	15.06	11.70	13.98	11.26	14.42	12.47
PZ9	24.37	9-29	10/24/88	10/26/99	10.47	12.67	11.70	12.44	11.93	11.92	12.45	11.06	13.31	8.25	16.12	10.58	13.79	10.19	14.18	10.32	14.05	10.01	14.36	11.36
PZ10	23.68	8-28	10/25/88	05/14/01	9.92	12.36	11.32	12.05	11.63	11.56	12.12	10.72	12.96	7.65	16.03	10.49	13.19	9.65	14.03	10.22	13.46	9.78	13.90	11.14
PZ11	21.47	8-28	10/25/88	05/14/01	8.72	11.45	10.02	11.15	10.32	10.71	10.76	9.46	12.01	6.47	15.00	9.42	12.05	8.65	12.82	8.90	12.57	8.31	13.16	9.89
PZ12	21.17	9-29	10/24/88	11/23/99	8.76	10.04	11.13	9.68	11.49	9.17	12.00	10.73	10.44	6.98	14.19	9.41	11.76	8.19	12.98	9.21	11.96	8.35	12.82	10.21
E-1	29.69	10-28	02/11/88		17.13	4.69	25.00	7.35	22.34	9.05	20.64	NM	---	23.23	6.46	23.70	5.99	9.92	19.77	11.26	18.43	22.60	7.09	22.30
E-2	29.55	10.5-29.5	02/11/88		11.83	4.60	24.95	4.77	24.78	4.60	24.95	24.72	4.83	27.44	2.11	22.70	6.85	9.77	19.78	23.80	5.75	9.04	20.51	24.88
E-3	27.34	9-29	11/23/87	07/05/07	8.68	5.74	21.60	5.17	22.17	4.49	22.85	23.33	4.01	21.57	5.77	23.56	3.78	8.53	18.81	18.62	8.72	10.56	16.78	22.68
E-4	26.76	9-29	11/18/87		8.31	3.36	23.40	3.56	23.20	3.72	23.04	22.80	3.96	22.83	3.93	25.40	1.36	8.28	18.48	23.82	2.94	23.25	3.51	23.50
E-5	24.45	8.5-28.5	01/22/87	07/05/07	---	0.25	24.20	2.85	21.60	2.23	22.22	12.46	11.99	8.87	15.58	9.90	14.55	9.04	15.41	20.30	4.15	12.00	12.45	11.96
E-6	24.81	23-38	01/27/86	04/08/04	---	6.66	18.15	5.76	19.05	-2.29	27.10	9.76	15.05	7.09	17.72	12.48	12.33	9.18	15.63	10.10	14.71	10.65	14.16	12.43
E-7	24.51	19.5-28.9	09/11/86	07/05/07	9.20	11.93	12.58	NM	---	NM	---	20.05	4.46	23.11	1.40	14.85	9.66	8.98	15.53	18.17	6.34	21.04	3.47	18.23
E-8	23.06	14-49	01/20/88	04/16-20/01	8.62	1.44	21.62	0.99	22.07	0.32	22.74	24.93	-1.87	NM	---	NM	---	8.35	---	8.80	14.26	14.85	8.21	17.86
E-9	20.72	14.5-49	01/21/87	04/16-20/01	7.30	4.54	16.18	4.11	16.61	3.33	17.39	16.73	3.99	11.14	9.58	12.00	8.72	6.94	13.78	11.82	8.90	9.76	10.96	12.10
E-10	29.87	8-25	04/21/92	04/06/04	---	---	---	---	---	12.28	17.59	NM	---	14.93	14.94	19.40	10.47	10.20	19.67	10.06	19.81	10.20	19.67	19.92
E-11	23.00	8.5-34.5	04/20/92	04/08/04	---	---	---	---	---	11.69	11.31	9.68	13.32	7.03	15.97	9.65	13.35	8.08	14.92	9.63	13.37	9.18	13.82	10.46
E-12	23.57	67.5-78	(2)	04/16-20/01	---	---	---	---	---	11.64	11.93	10.25	13.32	7.74	15.83	10.79	12.78	8.81	14.76	9.20	14.37	13.76	9.81	15.12
E-13	31.98	150.5-161	(1)	04/16-20/01	---	---	---	---	---	NM	---	19.15	12.83	14.60	17.38	21.77	10.21	16.12	15.86	49.60	-17.62	26.44	5.54	NM
STERO	22.92	?	?		---		---		---		---			5.81	17.11	8.92	14.00	NM	---	8.39	14.53	7.90	15.02	9.38
SOLA CITY	32.67	60-140	04/15/77		---		---		---		---			NM	---	NM	---	NM	---	NM	---	NM	---	NM
STATION 5	30.17	160-180			---		---		---		---			NM	---	NM	---	NM	---	NM	---	NM	---	NM

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 22-Jul-94	DTW 03-Oct-94	GWE 03-Oct-94	DTW 06-Mar-95	GWE 06-Mar-95	DTW 25-Apr-95	GWE 25-Apr-95	DTW 17-Aug-95	GWE 17-Aug-95	DTW 23-Oct-95	GWE 23-Oct-95	GWE 03-Jan-96	DTW 03-Jan-96	DTW 25-Mar-96	GWE 25-Mar-96	DTW 08-Jul-96	GWE 08-Jul-96	DTW 04-Nov-96	GWE 04-Nov-96	DTW 16-Jun-97
W12	33.87	14.5-19.5	06/11/82	12/16/99	20.69	14.36	19.51	9.17	24.70	10.09	23.78	12.66	21.21	13.72	20.15	22.86	11.01	9.73	24.14	11.54	22.33	12.60	21.27	11.23
W13	31.99	33-40	06/10/82	04/16-20/01	18.70	14.32	17.67	9.62	22.37	10.46	21.53	12.82	19.17	13.67	18.32	20.66	11.33	9.96	22.03	11.63	20.36	12.68	19.31	10.89
W14	32.24	15-19	06/10/82	04/06/04	17.05	16.04	16.20	11.55	20.69	12.68	19.56	14.62	17.62	15.10	17.14	20.23	12.01	11.12	21.12	12.97	19.27	14.26	17.98	11.27
W15	31.39	40-53	06/08/84	04/16-20/01	19.23	13.22	18.17	8.45	22.94	9.25	22.14	11.73	19.66	12.67	18.72	21.09	10.30	8.86	22.53	10.55	20.84	11.66	19.73	10.29
W17	30.45	9-14	06/13/84	12/16/99	17.98	13.32	17.13	9.16	21.29	9.94	20.51	NM	---	12.98	17.47	19.39	11.06	9.62	20.83	NM	---	NM	---	11.05
W18	29.46	7.5-12	06/11/84	12/16/99	17.73	12.62	16.84	8.35	21.11	9.08	20.38	11.41	18.05	12.23	17.23	19.21	10.25	8.78	20.68	10.29	19.17	11.35	18.11	10.07
W19	27.33	8-13	06/11/84	05/14/01	14.55	13.60	13.73	9.44	17.89	10.28	17.05	12.68	14.65	13.43	13.90	15.71	11.62	9.81	17.52	11.01	16.32	12.06	15.27	10.39
W20	25.73	42-61	06/12/84	04/16-20/01	15.15	11.33	14.40	8.01	17.72	8.63	17.10	10.50	15.23	11.11	14.62	16.18	9.55	8.36	17.37	9.41	16.32	10.23	15.50	9.17
W21	25.85	39-59	06/12/84	04/16-20/01	13.55	13.05	12.80	9.24	16.61	10.05	15.80	12.20	13.65	12.85	13.00	14.67	11.18	9.55	16.30	10.52	15.33	11.40	14.45	9.84
W22	25.91	9-14	06/11/84	07/03/07	13.06	13.74	12.17	9.48	16.43	10.48	15.43	12.84	13.07	13.50	12.41	14.11	11.80	9.80	16.11	10.82	15.09	11.89	14.02	9.67
W23	26.90	9-14	06/11/84	05/14/01	13.37	14.47	12.43	10.05	16.85	11.15	15.75	13.34	13.56	14.01	12.89	14.42	12.48	10.38	16.52	11.48	15.42	12.71	14.19	10.21
W24	25.11	9-19	09/11/85	12/16/99	13.96	11.94	13.17	8.00	17.11	8.79	16.32	11.08	14.03	11.77	13.34	15.08	10.03	8.44	16.67	9.57	15.54	10.53	14.58	9.11
W25	26.95	9-21.5	09/11/85	07/03/07	14.39	13.42	13.53	8.93	18.02	9.87	17.08	12.53	14.42	13.35	13.60	15.54	11.41	9.42	17.53	10.55	16.40	11.75	15.20	9.66
W26	27.86	9-20	09/11/85	05/15/01	14.36	14.40	13.46	9.78	18.08	10.90	16.96	13.30	14.56	14.05	13.81	15.88	11.98	10.27	17.59	11.43	16.43	12.62	15.24	10.37
W27	29.21	9-19.5	09/12/85		14.88	15.29	13.92	10.74	18.47	11.70	17.51	14.10	15.11	14.95	14.26	16.37	12.84	11.13	18.08	12.37	16.84	13.66	15.55	11.38
W28	29.60	9-19.5	09/12/85	05/15/01	17.01	13.48	16.12	9.30	20.30	9.95	19.65	12.32	17.28	13.01	16.59	18.53	11.07	9.68	19.92	11.03	18.57	12.15	17.45	9.69
W30	31.62	8-18	01/27/86	11/29/99	17.99	14.44	17.18	10.74	20.88	11.45	20.17	13.32	18.30	14.09	17.53	19.71	11.91	11.02	20.60	12.20	19.42	13.11	18.51	11.73
W31	26.50	7.5-17.5	01/28/86	11/29/99	13.64	13.61	12.89	9.42	17.08	10.43	16.07	13.00	13.50	13.62	12.88	14.76	11.74	9.71	16.79	11.26	15.24	12.48	14.02	9.94
W32	23.07	8.5-19.5	01/20/86	11/23/99	11.04	13.06	10.01	7.37	15.70	8.89	14.18	11.97	11.10	12.76	10.31	12.12	10.95	8.22	14.85	10.05	13.02	11.21	11.86	9.01
W33	21.64	8-18	01/29/86	05/15/01	11.36	10.80	10.84	6.42	15.22	7.58	14.06	10.03	11.61	10.53	11.11	12.64	9.00	7.02	14.62	8.67	12.97	9.40	12.24	7.94
LF-2	24.12	19.5-28.9	09/11/86	07/03/07	12.96	11.98	12.14	7.81	16.31	8.77	15.35	11.10	13.02	11.80	12.32	14.06	10.06	7.99	16.13	8.87	15.25	9.90	14.22	7.88
LF-3	25.74	44.1-49.5	09/12/86	04/16-20/01	13.65	12.92	12.82	8.28	17.46	9.36	16.38	12.22	13.52	13.04	12.70	15.48	10.26	8.79	16.95	9.87	15.87	10.97	14.77	8.48
LF-4	27.74	35.0-39.5	09/13/86	04/16-20/01	18.91	9.97	17.77	5.20	22.54	6.07	21.67	8.41	19.33	9.35	18.39	20.86	6.88	5.60	22.14	7.15	20.59	8.25	19.49	6.61
LF-5	24.04	23.8-33.4	11/17/86	04/16-20/01	11.95	12.95	11.09	7.31	16.73	9.67	14.37	12.10	11.94	11.53	12.51	14.27	9.77	7.77	16.27	10.48	13.56	11.85	12.19	7.76
LF-6	20.46	39.0-43.2	11/18/86	04/16-20/01	11.72	9.58	10.88	5.13	15.33	6.36	14.10	8.86	11.60	9.35	11.11	13.01	7.45	5.73	14.73	7.05	13.41	7.95	12.51	5.67
LF-7	27.30	25.1-34.6	03/30/87	11/29/99	14.85	13.53	13.77	9.07	18.23	10.15	17.15	12.37	14.93	13.08	14.22	16.39	10.91	9.41	17.89	10.73	16.57	11.80	15.50	9.53
LF-8	24.38	24.75-34.25	04/06/87	10/27/99	13.27	12.09	12.29	7.62	16.76	8.76	15.62	11.40	12.98	12.11	12.27	14.86	9.52	7.98	16.40	9.68	14.70	10.87	13.51	8.80
LF-9	27.13	29.75-38.25	04/07/87	10/27/99	14.65	13.67	13.46	8.96	18.17	10.20	16.93	12.70	14.43	13.42	13.71	16.33	10.80	9.32	17.81	10.97	16.16	12.40	14.73	9.63
LF-10	29.66	28.75-44.25	04/08/87	04/16-20/01	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	NM	NM	---	NM
LF-11	29.42	7.4-16.9	04/09/87	05/16/01	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	NM	NM	---	NM
LF-12	32.52	211.75-233	06/18/87	04/16-20/01	12.67	20.99	11.53	15.49	17.03	16.98	15.54	20.00	12.52	20.64	11.88	14.75	17.77	15.92	16.60	18.05	14.47	18.94	13.58	16.07
LF-13[1]	32.51	150.5-161	06/22/87	04/16-20/01	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM
LF-14	32.34	78.5-89	06/24/87	04/16-20/01	19.73	13.80	18.54	8.80	23.54	9.66	22.68	12.12	20.22	13.15	19.19	21.94	10.40	9.21	23.13	10.94	21.40	12.00	20.34	10.48
LF-15	24.86	204.5-215	06/29/87	04/16-20/01	9.47	16.68	8.18	9.46	15.40	11.12	13.74	15.61	9.25	16.67	8.19	12.43	12.43	9.59	15.27	13.65	11.21	14.89	9.97	10.28
LF-16	24.95	162.5-173	07/01/87	04/16-20/01	12.28	13.72	11.23	8.44	16.51	9.80	15.15	12.85	12.10	13.65	11.30	14.37	10.58	8.80	16.15	11.10	13.85	12.15	12.80	9.39
LF-17[2]	25.05	67.5-78	07/02/87	04/16-20/01	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM
LF-18	27.13	91.5-102	07/06/87	04/16-20/01	14.15	16.02	11.11	11.80	15.33	13.09	14.04	15.45	11.68	16.15	10.98	15.84	11.29	11.88	15.25	12.25	14.88	13.36	13.77	9.79
LF-19	30.51	36.25-46.5	07/17/87	04/16-20/01	19.28	12.33	18.18	7.51	23.00	8.33	22.18	10.75	19.76	11.74	18.77	21.24	9.27	7.90	22.61	9.59	20.92	10.71	19.80	9.08
LF-20	30.50	13.75-24	07/20/87	05/15/01	19.27	12.32	18.18	7.54	22.96	8.34	22.16	10.74	19.76	11.74	18.76	21.22	9.28	7.93	22.57	9.60	20.90	10.70	19.80	9.08
LF-21	28.94	38.5-49.5	04/10/90	04/16-20/01	18.17	11.81	17.13	7.06	21.88	7.99	20.95	10.34	18.60	11.19	17.75	20.05	8.89	7.49	21.45	9.01	19.93	10.14	18.80	8.30
LF-22	25.78	39.5-49.5	04/11/90	04/16-20/01	13.41	13.14	12.64	8.99	16.79	10.06	15.72	12.06	13.72	12.71	13.07	14.63	11.15	9.29	16.49	10.28	15.50	11.29	14.49	8.93
LF-23	22.94	45.5-55.5	04/10/90	10/27/99	12.39	11.41	11.53	7.34	15.60	8.42	14.52	10.84	12.10	11.50	11.44	13.94	9.00	7.78	15.16	9.29	13.65	10.34	12.60	8.52
LF-24	22.69	84-94	04/06/90	10/27/99	12.97	10.69	12.00	6.05	16.64	7.26	15.43	9.91	12.78	10.64	12.05	14.70	7.99	6.46	16.23	8.26	14.43	9.34	13.35	7.08
LF-25	19.16	18-28	04/03/90	04/06/04	10.21	9.66	9.50	5.84	13.32	6.75	12.41	8.96	10.20	9.49	9.67	11.45	7.71	6.35	12.81	7.73	11.43	8.39	10.77	6.93
LF-26	19.12	38.5-48.5	04/09/90	04/07/04	10.52	9.32	9.80	5.50	13.62	6.47	12.65	8.66	10.46	9.21	9.91	11.76	7.36	5.59	13.53	7.34	11.78	8.05	11.07	6.49
LF-27	25.45	220-240	04/02/90	10/27/99	-30.84	57.77	-32.32	57.37	-31.92	56.98	-31.53	58.92	-33.47	60.16	-34.71	-34.86	60.31	59.41	-33.96	60.44	-34.99	62.30	-36.85	59.94
LF-27A	25.81	203-233	01/28/91	10/27/99	-35.01	56.46	-30.65	48.29	-22.48	46.15	-20.34	82.69	-56.88	67.27	-41.46	-35.99	61.80	47.94	-22.13	59.63	-33.82	68.82	-43.01	42.60
LF-28	18.71	14-24	04/03/90	11/23/99	10.59	8.75	9.96	5.18	13.53	6.01	12.70	9.59	9.12	8.80	9.91	11.76	6.95	5.52	13.19	6.97	11.74	7.75	10.96	6.15
PZ1	28.67	8-35	10/17/88	11/29/99	15.41	14.36	14.31	9.98	18.69	11.02	17.65	13.14	15.53	13.90	14.77	16.97	11.70	10.31	18.36	11.57	17.10	12.70	15.97	10.31
PZ2	28.30	8-28	10/18/88	05/15/01	16.14	13.07	15.23	8.45	19.85	9.44	18.86	11.91	16.39	12.72	15.58	17.66	10.64	8.95	19.35	10.32	17.98	11.47	16.83	9.62

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 22-Jul-94	DTW 03-Oct-94	GWE 03-Oct-94	DTW 06-Mar-95	GWE 06-Mar-95	DTW 25-Apr-95	GWE 25-Apr-95	DTW 17-Aug-95	GWE 17-Aug-95	DTW 23-Oct-95	GWE 23-Oct-95	GWE 03-Jan-96	DTW 03-Jan-96	DTW 25-Mar-96	GWE 25-Mar-96	DTW 08-Jul-96	GWE 08-Jul-96	DTW 04-Nov-96	GWE 04-Nov-96	DTW 16-Jun-97
PZ3	26.77	8-30	10/19/88	11/24/99	14.07	13.74	13.03	9.35	17.42	10.45	16.32	12.50	14.27	13.18	13.59	15.45	11.32	9.66	17.11	10.80	15.97	11.92	14.85	9.53
PZ4	27.27	8-30	10/19/88	05/14/01	14.02	14.12	13.15	9.78	17.49	10.81	16.46	13.00	14.27	13.70	13.57	15.42	11.85	10.11	17.16	11.15	16.12	12.32	14.95	9.98
PZ5	26.08	8-31	10/18/88	05/14/01	14.08	12.81	13.27	8.55	17.53	9.51	16.57	11.95	14.13	12.63	13.45	15.31	10.77	8.94	17.14	9.97	16.11	11.10	14.98	8.90
PZ6	26.55	10-31	10/21/88	10/26/99	13.45	14.11	12.44	9.60	16.95	10.82	15.73	13.27	13.28	13.82	12.73	14.81	11.74	10.00	16.55	11.55	15.00	12.55	14.00	10.22
PZ7	25.58	11-31	10/20/88	11/24/99	13.19	13.38	12.20	8.77	16.81	10.04	15.54	12.52	13.06	12.97	12.61	14.32	11.26	9.35	16.23	10.76	14.82	11.89	13.69	9.28
PZ8	25.68	7.5-27.5	10/20/88	05/14/01	13.21	13.30	12.38	9.05	16.63	10.05	15.63	12.35	13.33	13.03	12.65	14.36	11.32	9.35	16.33	10.31	15.37	11.41	14.27	9.13
PZ9	24.37	9-29	10/24/88	10/26/99	13.01	12.27	12.10	8.19	16.18	9.18	15.19	11.62	12.75	12.18	12.19	14.22	10.15	8.53	15.84	9.97	14.40	10.94	13.43	8.75
PZ10	23.68	8-28	10/25/88	05/14/01	12.54	12.03	11.65	7.59	16.09	8.72	14.96	11.13	12.55	11.69	11.99	13.60	10.08	7.98	15.70	9.30	14.38	10.32	13.36	8.07
PZ11	21.47	8-28	10/25/88	05/14/01	11.58	10.69	10.78	6.23	15.24	7.35	14.12	9.88	11.59	10.46	11.01	12.73	8.74	6.79	14.68	8.24	13.23	9.13	12.34	7.18
PZ12	21.17	9-29	10/24/88	11/23/99	10.96	11.06	10.11	5.96	15.21	7.37	13.80	10.16	11.01	10.73	10.44	12.28	8.89	6.78	14.39	8.12	13.05	NM	---	NM
E-1	29.69	10-28	02/11/88		7.39	21.30	8.39	21.83	7.86	21.78	7.91	25.40	4.29	21.65	8.04	6.11	23.58	22.80	6.89 P	26.20	3.49	21.15	8.54	8.62
E-2	29.55	10.5-29.5	02/11/88		4.67	23.50	6.05	24.80	4.75	25.10	4.45	20.00	9.55	22.65	6.90	6.85	22.70	24.95	4.60 P	25.00	4.55	24.85	4.70	8.46
E-3	27.34	9-29	11/23/87	07/05/07	4.66	23.10	4.24	6.05	21.29	20.64	6.70	24.72	2.62	22.62	4.72	3.34	24.00	24.25	3.09 P	10.10	17.24	15.54	11.80	7.10
E-4	26.76	9-29	11/18/87		3.26	22.85	3.91	23.50	3.26	23.84	2.92	23.30	3.46	23.90	2.86	2.96	23.80	22.51	4.25 P	22.20	4.56	22.16	4.60	7.00
E-5	24.45	8.5-28.5	01/22/87	07/05/07	12.49	24.20	0.25	8.47	15.98	9.16	15.29	12.30	12.15	15.20	9.25	13.10	11.35	9.50	14.95 P	10.44	14.01	11.65	12.80	7.51
E-6	24.81	23-38	01/27/86	04/08/04	12.38	12.92	11.89	7.85	16.96	9.35	15.46	13.17	11.64	14.14	10.67	12.41	12.40	9.48	15.33 P	11.00	13.81	11.45	13.36	7.67
E-7	24.51	19.5-28.9	09/11/86	07/05/07	6.28	18.72	5.79	NM	---	20.00	4.51	10.57	13.94	11.23	13.28	10.71	13.80	11.65	12.86 P	13.70	10.81	16.44	8.07	7.47
E-8	23.06	14-49	01/20/88	04/16-20/01	5.20	17.30	5.76	6.46	16.60	17.45	5.61	21.70	1.36	23.20	-0.14	13.81	9.25	6.90	16.16 (1)	21.80	1.26	22.00	1.06	6.92
E-9	20.72	14.5-49	01/21/87	04/16-20/01	8.62	13.78	6.94	6.50	14.22	8.40	12.32	11.75	8.97	12.22	8.50	10.16	10.56	9.14	11.58 P	10.00	10.72	11.38	9.34	5.42
E-10	29.87	8-25	04/21/92	04/06/04	9.95	19.80	10.07	19.94	9.93	13.05	16.82	19.85	10.02	19.20	10.67	9.27	20.60	8.66	21.21 (1)	19.50	10.37	16.00	13.87	9.00
E-11	23.00	8.5-34.5	04/20/92	04/08/04	12.54	11.20	11.80	7.09	15.91	8.04	14.96	10.35	12.65	11.07	11.93	13.69	9.31	6.81	16.19	7.67	15.33	8.73	14.27	6.71
E-12	23.57	67.5-78	(2)	04/16-20/01	8.45	15.81	7.76	8.95	14.62	11.21	12.36	NM	---	NM	---	NM	---	13.90	9.67 P	NM	---	NM	---	NM
E-13	31.98	150.5-161	(1)	04/16-20/01	NM	41.94	-9.96	34.83	-2.85	39.50	-7.52	52.18	-20.20	57.25	-25.27	17.31	14.67	55.00	-23.02 P	35.00	-3.02	41.05	-9.07	14.42
STERO	22.92	?	?		13.54	10.36	12.56	5.80	17.12	6.98	15.94	9.59	13.33	NM	---	15.34	7.58	6.35	16.57	7.97	14.95	9.12	13.80	7.06
SOLA CITY	32.67	60-140	04/15/77		---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	No access	No access	NM	---	NM
STATION 5	30.17	160-180			---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---	NM	---		---	NM	---	NM

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 16-Jun-97	DTW 08-Sep-97	GWE 08-Sep-97	DTW 08-Jun-98	GWE 08-Jun-98	DTW 16-Oct-98	GWE 16-Oct-98	DTW 17-Mar-99	GWE 17-Mar-99	DTW 23-Sep-99	GWE 23-Sep-99	DTW 12-Apr-00	GWE 12-Apr-00	DTW 08-Sep-00	GWE 08-Sep-00	DTW 02-Apr-01	GWE 02-Apr-01	DTW 19-Oct-01	GWE 19-Oct-01	DTW 16-Apr-02
W12	33.87	14.5-19.5	06/11/82	12/16/99	22.64	12.12	21.75	11.93	21.94		---		---		---	*	---	9.29	24.58		---		---	
W13	31.99	33-40	06/10/82	04/16-20/01	21.10	11.73	20.26	11.32	20.67		---		---		---		---	8.55	23.44		---	*	---	
W14	32.24	15-19	06/10/82	04/06/04	20.97	12.11	20.13	11.62	20.62	14.72	17.52	9.42	22.82	14.41	17.83	10.26	21.98	15.08	17.16	11.21	21.03	16.33	15.91	11.00
W15	31.39	40-53	06/08/84	04/16-20/01	21.10	11.13	20.26	10.93	20.46		---		---		---		---	10.36	21.03		---	*	---	
W17	30.45	9-14	06/13/84	12/16/99	19.40	11.79	18.66	11.05	19.40		---		---		---		---	6.79	23.66	*	---		---	
W18	29.46	7.5-12	06/11/84	12/16/99	19.39	10.83	18.63	10.11	19.35		---		---		---		---	6.00	23.46	*	---		---	
W19	27.33	8-13	06/11/84	05/14/01	16.94	11.00	16.33	9.88	17.45	12.45	14.88	8.74	18.59	12.25	15.08	9.29	18.04	12.85	14.48	10.35	16.98	*	---	
W20	25.73	42-61	06/12/84	04/16-20/01	16.56	9.68	16.05	8.92	16.81		---		---		---		---	6.44	19.29		---	*	---	
W21	25.85	39-59	06/12/84	04/16-20/01	16.01	10.35	15.50	9.32	16.53		---		---		---		---		---		---	*	---	
W22	25.91	9-14	06/11/84	07/03/07	16.24	10.28	15.63	9.10	16.81	11.65	14.26	7.86	18.05	11.43	14.48	8.55	17.36	12.07	13.84	9.52	16.39	14.15	11.76	9.00
W23	26.90	9-14	06/11/84	05/14/01	16.69	10.83	16.07	9.74	17.16		---		---		---		---		---		---	*	---	
W24	25.11	9-19	09/11/85	12/16/99	16.00	9.69	15.42	8.59	16.52		---		---		---	*	---		---		---		---	
W25	26.95	9-21.5	09/11/85	07/03/07	17.29	10.33	16.62	9.25	17.70	11.96	14.99	8.07	18.88	11.77	15.18	8.61	18.34	12.40	14.55	9.80	17.15	13.40	13.55	9.07
W26	27.86	9-20	09/11/85	05/15/01	17.49	11.07	16.79	10.01	17.85		---		---		---		---	*	---		---		---	
W27	29.21	9-19.5	09/12/85		17.83	12.14	17.07	11.14	18.07	14.05	15.16	9.71	19.50	13.78	15.43	10.36	18.85	14.50	14.71	11.60	17.61	15.68	13.53	10.85
W28	29.60	9-19.5	09/12/85	05/15/01	19.91	10.47	19.13	9.94	19.66		---		---		---		---		---		---	*	---	
W30	31.62	8-18	01/27/86	11/29/99	19.89	12.31	19.31	12.07	19.55		---		---		---	*	---		---		---		---	
W31	26.50	7.5-17.5	01/28/86	11/29/99	16.56	10.60	15.90	9.52	16.98		---		---		---	*	---		---		---		---	
W32	23.07	8.5-19.5	01/20/86	11/23/99	14.06	9.27	13.80	7.78	15.29		---		---		---	*	---		---		---		---	
W33	21.64	8-18	01/29/86	05/15/01	13.70	8.23	13.41	6.99	14.65		---		---		---		---		---		---	*	---	
LF-2	24.12	19.5-28.9	09/11/86	07/03/07	16.24	8.46	15.66	7.32	16.80	9.83	14.29	6.13	17.99	9.62	14.50	6.79	17.33	10.25	13.87	7.77	16.35	11.21	12.91	7.21
LF-3	25.74	44.1-49.5	09/12/86	04/16-20/01	17.26	NM	NM	8.09	17.65		---		---		---		---		---		---	*	---	
LF-4	27.74	35.0-39.5	09/13/86	04/16-20/01	21.13	7.39	20.35	7.08	20.66		---		---		---		---		---		---	*	---	
LF-5	24.04	23.8-33.4	11/17/86	04/16-20/01	16.28	8.35	15.69	7.32	16.72		---		---		---		---		---		---	*	---	
LF-6	20.46	39.0-43.2	11/18/86	04/16-20/01	14.79	6.11	14.35	4.70	15.76		---		---		---		---		---		---	*	---	
LF-7	27.30	25.1-34.6	03/30/87	11/29/99	17.77	10.20	17.10	9.33	17.97		---		---		---	*	---		---		---		---	
LF-8	24.38	24.75-34.25	04/06/87	10/27/99	15.58	9.32	15.06	8.10	16.28		---		---		---	*	---		---		---		---	
LF-9	27.13	29.75-38.25	04/07/87	10/27/99	17.50	10.35	16.78	9.40	17.73		---		---		---	*	---		---		---		---	
LF-10	29.66	28.75-44.25	04/08/87	04/16-20/01	---	NM	---	NM	---		---		---		---		---		---		---	*	---	
LF-11	29.42	7.4-16.9	04/09/87	05/16/01	---	NM	---	NM	---		---		---		---		---		---		---	*	---	
LF-12	32.52	211.75-233	06/18/87	04/16-20/01	16.45	16.76	15.76	15.64	16.88		---		---		---		---		---		---	*	---	
LF-13[1]	32.51	150.5-161	06/22/87	04/16-20/01	---	NM	---	NM	---		---		---		---		---		---		---	*	---	
LF-14	32.34	78.5-89	06/24/87	04/16-20/01	21.86	11.33	21.01	11.22	21.12		---		---		---		---		---		---	*	---	
LF-15	24.86	204.5-215	06/29/87	04/16-20/01	14.58	10.97	13.89	9.33	15.53		---		---		---		---		---		---	*	---	
LF-16	24.95	162.5-173	07/01/87	04/16-20/01	15.56	9.98	14.97	8.81	16.14		---		---		---		---		---		---	*	---	
LF-17[2]	25.05	67.5-78	07/02/87	04/16-20/01	---	NM	---	NM	---		---		---		---		---		---		---	*	---	
LF-18	27.13	91.5-102	07/06/87	04/16-20/01	17.34	10.42	16.71	9.49	17.64		---		---		---		---		---		---	*	---	
LF-19	30.51	36.25-46.5	07/17/87	04/16-20/01	21.43	9.91	20.60	9.57	20.94		---		---		---		---		---		---	*	---	
LF-20	30.50	13.75-24	07/20/87	05/15/01	21.42	9.92	20.58	9.58	20.92		---		---		---		---		---		---	*	---	
LF-21	28.94	38.5-49.5	04/10/90	04/16-20/01	20.64	9.13	19.81	8.63	20.31		---		---		---		---		---		---	*	---	
LF-22	25.78	39.5-49.5	04/11/90	04/16-20/01	16.85	9.55	16.23	8.51	17.27		---		---		---		---		---		---	*	---	
LF-23	22.94	45.5-55.5	04/10/90	10/27/99	14.42	8.99	13.95	7.91	15.03		---		---		---	*	---		---		---		---	
LF-24	22.69	84-94	04/06/90	10/27/99	15.61	7.61	15.08	6.52	16.17		---		---		---	*	---		---		---		---	
LF-25	19.16	18-28	04/03/90	04/06/04	12.23	7.15	12.01	6.16	13.00	7.89	11.27	5.29	13.87	7.75	11.41	6.00	13.16	8.24	10.92	6.51	12.65	8.90	10.26	6.26
LF-26	19.12	38.5-48.5	04/09/90	04/07/04	12.63	6.77	12.35	5.79	13.33	--	---	--	--	7.47	11.65	5.64	13.48	8.00	11.12	6.14	12.98	8.80	10.32	5.90
LF-27	25.45	220-240	04/02/90	10/27/99	-34.49	58.57	-33.12	53.04	-27.59		---		---		---	*	---		---		---		---	
LF-27A	25.81	203-233	01/28/91	10/27/99	-16.79	40.31	-14.50	32.33	-6.52		---		---		---	*	---		---		---		---	
LF-28	18.71	14-24	04/03/90	11/23/99	12.56	6.40	12.31	5.46	13.25		---		---		---	*	---		---		---		---	
PZ1	28.67	8-35	10/17/88	11/29/99	18.36	11.19	17.48	10.48	18.19		---		---		---	*	---		---		---		---	
PZ2	28.30	8-28	10/18/88	05/15/01	18.68	10.37	17.93	9.48	18.82		---		---		---		---		---		---	*	---	

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 16-Jun-97	DTW 08-Sep-97	GWE 08-Sep-97	DTW 08-Jun-98	GWE 08-Jun-98	DTW 16-Oct-98	GWE 16-Oct-98	DTW 17-Mar-99	GWE 17-Mar-99	DTW 23-Sep-99	GWE 23-Sep-99	DTW 12-Apr-00	GWE 12-Apr-00	DTW 08-Sep-00	GWE 08-Sep-00	DTW 02-Apr-01	GWE 02-Apr-01	DTW 19-Oct-01	GWE 19-Oct-01	DTW 16-Apr-02
PZ3	26.77	8-30	10/19/88	11/24/99	17.24	10.15	16.62	9.18	17.59		---		---		---	*	---		---		---		---	
PZ4	27.27	8-30	10/19/88	05/14/01	17.29	10.64	16.63	9.58	17.69		---		---		---		---		---		---	*	---	
PZ5	26.08	8-31	10/18/88	05/14/01	17.18	9.57	16.51	8.50	17.58		---		---		---		---		---		---	*	---	
PZ6	26.55	10-31	10/21/88	10/26/99	16.33	10.78	15.77	9.80	16.75		---		---		---	*	---		---		---		---	
PZ7	25.58	11-31	10/20/88	11/24/99	16.30	9.88	15.70	8.89	16.69		---		---		---	*	---		---		---		---	
PZ8	25.68	7.5-27.5	10/20/88	05/14/01	16.55	9.74	15.94	8.61	17.07		---		---		---		---		---		---	*	---	
PZ9	24.37	9-29	10/24/88	10/26/99	15.62	9.24	15.13	8.26	16.11		---		---		---	*	---		---		---		---	
PZ10	23.68	8-28	10/25/88	05/14/01	15.61	8.62	15.06	7.42	16.26		---		---		---		---		---		---	*	---	
PZ11	21.47	8-28	10/25/88	05/14/01	14.29	7.54	13.93	6.33	15.14		---		---		---		---		---		---	*	---	
PZ12	21.17	9-29	10/24/88	11/23/99	---	NM	---	6.04	15.13		---		---		---	*	---		---		---		---	
E-1	29.69	10-28	02/11/88		21.07	9.45	20.24	9.00	20.69		---		---		---		---		---		---		---	
E-2	29.55	10.5-29.5	02/11/88		21.09	9.27	20.28	8.83	20.72		---		---		---		---		---		---		---	
E-3	27.34	9-29	11/23/87	07/05/07	20.24	7.91	19.43	7.27	20.07		---		---		---		---		---		---		---	
E-4	26.76	9-29	11/18/87		19.76	7.74	19.02	7.18	19.58		---		---		---		---		---		---		---	
E-5	24.45	8.5-28.5	01/22/87	07/05/07	16.94	8.15	16.30	7.05	17.40	9.72	14.73	5.80	18.65	9.50	14.95	6.44	18.01	10.50	13.95	7.51	---	11.22	13.23	6.87
E-6	24.81	23-38	01/27/86	04/08/04	17.14	8.32	16.49	7.33	17.48		---		---		---		---		---		---		---	
E-7	24.51	19.5-28.9	09/11/86	07/05/07	17.04	8.11	16.40	7.09	17.42	---	---	---	---	---	---	---	---	---	---	---	---	11.32	13.19	7.00
E-8	23.06	14-49	01/20/88	04/16-20/01	16.14	7.47	15.59	6.47	16.59		---		---		---		---		---		---	*	---	
E-9	20.72	14.5-49	01/21/87	04/16-20/01	15.30	5.91	14.81	4.90	15.82		---		---		---		---		---		---	*	---	
E-10	29.87	8-25	04/21/92	04/06/04	20.87	9.80	20.07	9.33	20.54		---		---		---		---		---		---		---	
E-11	23.00	8.5-34.5	04/20/92	04/08/04	16.29	7.30	15.70	6.14	16.86		---		---		---		---		---		---		---	
E-12	23.57	67.5-78	(2)	04/16-20/01	---	NM	---	6.77	16.80		---		---		---		---		---		---	*	---	
E-13	31.98	150.5-161	(1)	04/16-20/01	17.56	15.12	16.86	14.10	17.88		---		---		---		---		---		---	*	---	
STERO	22.92	?	?		15.86	7.57	15.35	NM	---		---		---		---		---		---		---		---	
SOLA CITY	32.67	60-140	04/15/77		---	NM	---	NM	---		---		---		---		---		---		---		---	
STATION 5	30.17	160-180			---	NM	---	NM	---		---		---		---		---		---		---		---	

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 16-Apr-02	DTW 08-Oct-02	GWE 08-Oct-02	DTW 08-Apr-03	GWE 08-Apr-03	DTW 22-Oct-03	GWE 22-Oct-03	DTW 17-May-04	GWE 17-May-04	DTW 15-Nov-04	GWE 15-Nov-04	DTW 03-May-05	GWE 03-May-05	DTW 20-Oct-05	GWE 20-Oct-05	DTW 06-Jun-06	GWE 06-Jun-06	DTW 26-Oct-06	GWE 26-Oct-06	DTW 11-Apr-07
W12	33.87	14.5-19.5	06/11/82	12/16/99	---		---																	
W13	31.99	33-40	06/10/82	04/16-20/01	---		---																	
W14	32.24	15-19	06/10/82	04/06/04	21.24	15.00	17.24	9.48	22.76	11.20	21.04	*	---											
W15	31.39	40-53	06/08/84	04/16-20/01	---		---																	
W17	30.45	9-14	06/13/84	12/16/99	---		---																	
W18	29.46	7.5-12	06/11/84	12/16/99	---		---																	
W19	27.33	8-13	06/11/84	05/14/01	---		---																	
W20	25.73	42-61	06/12/84	04/16-20/01	---		---																	
W21	25.85	39-59	06/12/84	04/16-20/01	---		---																	
W22	25.91	9-14	06/11/84	07/03/07	16.91	12.03	13.88	8.62	17.29	11.14	14.77	9.48	16.43	10.00	15.91	8.55	17.36	10.52	15.39	8.79	17.12	10.03	15.88	9.04
W23	26.90	9-14	06/11/84	05/14/01	---		---																	
W24	25.11	9-19	09/11/85	12/16/99	---		---																	
W25	26.95	9-21.5	09/11/85	07/03/07	17.88	12.37	14.58	8.68	18.27	11.48	15.47	9.65	17.30	10.32	16.63	8.61	18.34	10.81	16.14	8.89	18.06	10.18	16.77	9.15
W26	27.86	9-20	09/11/85	05/15/01	---		---																	
W27	29.21	9-19.5	09/12/85		18.36	14.47	14.74	10.44	18.77	13.41	15.80	11.40	17.81	11.93	17.28	10.36	18.85	12.74	16.47	10.71	18.50	12.07	17.14	11.04
W28	29.60	9-19.5	09/12/85	05/15/01	---		---																	
W30	31.62	8-18	01/27/86	11/29/99	---		---																	
W31	26.50	7.5-17.5	01/28/86	11/29/99	---		---																	
W32	23.07	8.5-19.5	01/20/86	11/23/99	---		---																	
W33	21.64	8-18	01/29/86	05/15/01	---		---																	
LF-2	24.12	19.5-28.9	09/11/86	07/03/07	16.91	10.26	13.86	6.57	17.55	9.33	14.79	7.70	16.42	8.15	15.97	6.72	17.40	8.63	15.49	6.95	17.17	8.16	15.96	7.19
LF-3	25.74	44.1-49.5	09/12/86	04/16-20/01	---		---																	
LF-4	27.74	35.0-39.5	09/13/86	04/16-20/01	---		---																	
LF-5	24.04	23.8-33.4	11/17/86	04/16-20/01	---		---																	
LF-6	20.46	39.0-43.2	11/18/86	04/16-20/01	---		---																	
LF-7	27.30	25.1-34.6	03/30/87	11/29/99	---		---																	
LF-8	24.38	24.75-34.25	04/06/87	10/27/99	---		---																	
LF-9	27.13	29.75-38.25	04/07/87	10/27/99	---		---																	
LF-10	29.66	28.75-44.25	04/08/87	04/16-20/01	---		---																	
LF-11	29.42	7.4-16.9	04/09/87	05/16/01	---		---																	
LF-12	32.52	211.75-233	06/18/87	04/16-20/01	---		---																	
LF-13[(1)]	32.51	150.5-161	06/22/87	04/16-20/01	---		---																	
LF-14	32.34	78.5-89	06/24/87	04/16-20/01	---		---																	
LF-15	24.86	204.5-215	06/29/87	04/16-20/01	---		---																	
LF-16	24.95	162.5-173	07/01/87	04/16-20/01	---		---																	
LF-17[(2)]	25.05	67.5-78	07/02/87	04/16-20/01	---		---																	
LF-18	27.13	91.5-102	07/06/87	04/16-20/01	---		---																	
LF-19	30.51	36.25-46.5	07/17/87	04/16-20/01	---		---																	
LF-20	30.50	13.75-24	07/20/87	05/15/01	---		---																	
LF-21	28.94	38.5-49.5	04/10/90	04/16-20/01	---		---																	
LF-22	25.78	39.5-49.5	04/11/90	04/16-20/01	---		---																	
LF-23	22.94	45.5-55.5	04/10/90	10/27/99	---		---																	
LF-24	22.69	84-94	04/06/90	10/27/99	---		---																	
LF-25	19.16	18-28	04/03/90	04/06/04	12.90	8.34	10.82	6.00	13.16	NM	---	*	---											
LF-26	19.12	38.5-48.5	04/09/90	04/07/04	13.22	8.15	10.97	NM	---	NM	---	*	---											
LF-27	25.45	220-240	04/02/90	10/27/99	---		---																	
LF-27A	25.81	203-233	01/28/91	10/27/99	---		---																	
LF-28	18.71	14-24	04/03/90	11/23/99	---		---																	
PZ1	28.67	8-35	10/17/88	11/29/99	---		---																	
PZ2	28.30	8-28	10/18/88	05/15/01	---		---																	

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 16-Apr-02	DTW 08-Oct-02	GWE 08-Oct-02	DTW 08-Apr-03	GWE 08-Apr-03	DTW 22-Oct-03	GWE 22-Oct-03	DTW 17-May-04	GWE 17-May-04	DTW 15-Nov-04	GWE 15-Nov-04	DTW 03-May-05	GWE 03-May-05	DTW 20-Oct-05	GWE 20-Oct-05	DTW 06-Jun-06	GWE 06-Jun-06	DTW 26-Oct-06	GWE 26-Oct-06	DTW 11-Apr-07
PZ3	26.77	8-30	10/19/88	11/24/99	---		---																	
PZ4	27.27	8-30	10/19/88	05/14/01	---		---																	
PZ5	26.08	8-31	10/18/88	05/14/01	---		---																	
PZ6	26.55	10-31	10/21/88	10/26/99	---		---																	
PZ7	25.58	11-31	10/20/88	11/24/99	---		---																	
PZ8	25.68	7.5-27.5	10/20/88	05/14/01	---		---																	
PZ9	24.37	9-29	10/24/88	10/26/99	---		---																	
PZ10	23.68	8-28	10/25/88	05/14/01	---		---																	
PZ11	21.47	8-28	10/25/88	05/14/01	---		---																	
PZ12	21.17	9-29	10/24/88	11/23/99	---		---																	
E-1	29.69	10-28	02/11/88		---		---					9.15	20.54	9.85	19.84	7.58	22.11	10.51	19.18	7.96	21.73	9.44	20.25	8.41
E-2	29.55	10.5-29.5	02/11/88		---		---					8.82	20.73	9.47	20.08	7.32	22.23	10.24	19.31	7.71	21.84	9.15	20.40	8.12
E-3	27.34	9-29	11/23/87	07/05/07	---		---	8.10	19.24	9.34	18.00	7.40	19.94	7.98	19.36	7.98	19.36	8.74	18.60	6.36	20.98	7.78	19.56	6.78
E-4	26.76	9-29	11/18/87		---		---					7.23	19.53	7.79	18.97	5.85	20.91	8.59	18.17	6.49	20.27	7.73	19.03	6.84
E-5	24.45	8.5-28.5	01/22/87	07/05/07	17.58	10.11	14.34					7.40	17.05	7.93	16.52	6.42	18.03	8.50	15.95	6.69	17.76	7.95	16.50	6.94
E-6	24.81	23-38	01/27/86	04/08/04	---		---					*												
E-7	24.51	19.5-28.9	09/11/86	07/05/07	17.51	10.22	14.29					7.49	17.02	7.94	16.57	6.48	18.03	8.58	15.93	6.78	17.73	7.99	16.52	7.02
E-8	23.06	14-49	01/20/88	04/16-20/01	---		---																	
E-9	20.72	14.5-49	01/21/87	04/16-20/01	---		---																	
E-10	29.87	8-25	04/21/92	04/06/04	---		---					*												
E-11	23.00	8.5-34.5	04/20/92	04/08/04	---		---					*												
E-12	23.57	67.5-78	(2)	04/16-20/01	---		---																	
E-13	31.98	150.5-161	(1)	04/16-20/01	---		---																	
STERO	22.92	?	?		---		---																	
SOLA CITY	32.67	60-140	04/15/77		---		---																	
STATION 5	30.17	160-180			---		---																	

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 11-Apr-07	DTW 19-Oct-07	GWE 19-Oct-07	DTW 04-Apr-08	GWE 04-Apr-08	DTW 29-Sep-08	GWE 29-Sep-08	DTW 15-May-09	GWE 15-May-09	DTW 30-Dec-09	GWE 30-Dec-09	DTW 23-Jun-10	GWE 23-Jun-10	DTW 25-Jul-12	GWE 25-Jul-12
W12	33.87	14.5-19.5	06/11/82	12/16/99															
W13	31.99	33-40	06/10/82	04/16-20/01															
W14	32.24	15-19	06/10/82	04/06/04															
W15	31.39	40-53	06/08/84	04/16-20/01															
W17	30.45	9-14	06/13/84	12/16/99															
W18	29.46	7.5-12	06/11/84	12/16/99															
W19	27.33	8-13	06/11/84	05/14/01															
W20	25.73	42-61	06/12/84	04/16-20/01															
W21	25.85	39-59	06/12/84	04/16-20/01															
W22	25.91	9-14	06/11/84	07/03/07	16.87														
W23	26.90	9-14	06/11/84	05/14/01															
W24	25.11	9-19	09/11/85	12/16/99															
W25	26.95	9-21.5	09/11/85	07/03/07	17.80														
W26	27.86	9-20	09/11/85	05/15/01															
W27	29.21	9-19.5	09/12/85		18.17	14.02	15.19	6.91 (3)	22.30	14.25	14.96	9.77	14.25	13.03	16.18	7.25	21.96	8.89	20.32
W28	29.60	9-19.5	09/12/85	05/15/01															
W30	31.62	8-18	01/27/86	11/29/99															
W31	26.50	7.5-17.5	01/28/86	11/29/99															
W32	23.07	8.5-19.5	01/20/86	11/23/99															
W33	21.64	8-18	01/29/86	05/15/01															
LF-2	24.12	19.5-28.9	09/11/86	07/03/07	16.93														
LF-3	25.74	44.1-49.5	09/12/86	04/16-20/01															
LF-4	27.74	35.0-39.5	09/13/86	04/16-20/01															
LF-5	24.04	23.8-33.4	11/17/86	04/16-20/01															
LF-6	20.46	39.0-43.2	11/18/86	04/16-20/01															
LF-7	27.30	25.1-34.6	03/30/87	11/29/99															
LF-8	24.38	24.75-34.25	04/06/87	10/27/99															
LF-9	27.13	29.75-38.25	04/07/87	10/27/99															
LF-10	29.66	28.75-44.25	04/08/87	04/16-20/01															
LF-11	29.42	7.4-16.9	04/09/87	05/16/01															
LF-12	32.52	211.75-233	06/18/87	04/16-20/01															
LF-13(1)	32.51	150.5-161	06/22/87	04/16-20/01															
LF-14	32.34	78.5-89	06/24/87	04/16-20/01															
LF-15	24.86	204.5-215	06/29/87	04/16-20/01															
LF-16	24.95	162.5-173	07/01/87	04/16-20/01															
LF-17(2)	25.05	67.5-78	07/02/87	04/16-20/01															
LF-18	27.13	91.5-102	07/06/87	04/16-20/01															
LF-19	30.51	36.25-46.5	07/17/87	04/16-20/01															
LF-20	30.50	13.75-24	07/20/87	05/15/01															
LF-21	28.94	38.5-49.5	04/10/90	04/16-20/01															
LF-22	25.78	39.5-49.5	04/11/90	04/16-20/01															
LF-23	22.94	45.5-55.5	04/10/90	10/27/99															
LF-24	22.69	84-94	04/06/90	10/27/99															
LF-25	19.16	18-28	04/03/90	04/06/04															
LF-26	19.12	38.5-48.5	04/09/90	04/07/04															
LF-27	25.45	220-240	04/02/90	10/27/99															
LF-27A	25.81	203-233	01/28/91	10/27/99															
LF-28	18.71	14-24	04/03/90	11/23/99															
PZ1	28.67	8-35	10/17/88	11/29/99															
PZ2	28.30	8-28	10/18/88	05/15/01															

Table A-1
Groundwater Elevation Data
Former Sola Optical U.S.A., Inc., Facility,
Petaluma, CA
(all elevations in feet above mean sea level)

Well Number	Well Elevation	Well Screen Interval (Depth-feet)	Date Completed	Date Destroyed	GWE 11-Apr-07	DTW 19-Oct-07	GWE 19-Oct-07	DTW 04-Apr-08	GWE 04-Apr-08	DTW 29-Sep-08	GWE 29-Sep-08	DTW 15-May-09	GWE 15-May-09	DTW 30-Dec-09	GWE 30-Dec-09	DTW 23-Jun-10	GWE 23-Jun-10	DTW 25-Jul-12	GWE 25-Jul-12
PZ3	26.77	8-30	10/19/88	11/24/99															
PZ4	27.27	8-30	10/19/88	05/14/01															
PZ5	26.08	8-31	10/18/88	05/14/01															
PZ6	26.55	10-31	10/21/88	10/26/99															
PZ7	25.58	11-31	10/20/88	11/24/99															
PZ8	25.68	7.5-27.5	10/20/88	05/14/01															
PZ9	24.37	9-29	10/24/88	10/26/99															
PZ10	23.68	8-28	10/25/88	05/14/01															
PZ11	21.47	8-28	10/25/88	05/14/01															
PZ12	21.17	9-29	10/24/88	11/23/99															
E-1	29.69	10-28	02/11/88		21.28	11.72	17.97	8.32	21.37	18.09	11.60	11.67	18.09	17.43	12.26	8.68	21.01	10.42	19.27
E-2	29.55	10.5-29.5	02/11/88		21.43	11.40	18.15	8.03	21.52	17.80	11.75	11.57	17.80	17.15	12.40	8.39	21.16	10.14	19.41
E-3	27.34	9-29	11/23/87	07/05/07	20.56														
E-4	26.76	9-29	11/18/87		19.92	9.90	16.86	6.59	20.17	15.51	11.25	9.38	15.51	6.73	20.03	6.95	19.81	---	---
E-5	24.45	8.5-28.5	01/22/87	07/05/07	17.51														
E-6	24.81	23-38	01/27/86	04/08/04															
E-7	24.51	19.5-28.9	09/11/86	07/05/07	17.49														
E-8	23.06	14-49	01/20/88	04/16-20/01															
E-9	20.72	14.5-49	01/21/87	04/16-20/01															
E-10	29.87	8-25	04/21/92	04/06/04															
E-11	23.00	8.5-34.5	04/20/92	04/08/04															
E-12	23.57	67.5-78	(2)	04/16-20/01															
E-13	31.98	150.5-161	(1)	04/16-20/01															
STERO	22.92	?	?																
SOLA CITY	32.67	60-140	04/15/77																
STATION 5	30.17	160-180																	

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
W-1	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	0.6	< 0.1	NR
W-2	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
W-3	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
W-4	25-Mar-86	M-T	EPA 601	13	< 0.1	< 0.1	20	< 0.1	NR
W-5[20]	25-Mar-86	M-T	EPA 601	12	< 0.1	< 0.1	25	< 0.1	NR
W-6	25-Mar-86	M-T	EPA 601	2	< 0.1	< 0.1	3	< 0.1	NR
W-7	25-Mar-86	M-T	EPA 601	4	< 0.1	< 0.1	6	< 0.1	NR
W-8[21]	21-Mar-86	M-T	EPA 601	12	< 0.1	8	15	< 0.1	NR
	25-Mar-86	M-T	EPA 601	7	< 0.1	< 0.1	6	< 0.1	NR
W-9	21-Mar-86	M-T	EPA 601	12	< 0.1	< 0.1	38	< 0.1	NR
W-10	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
W-11	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
W-12	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	16-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
	18-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	17-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jul-96	AEN	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13	21-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	11-Dec-86	CAL	EPA 601	3.8	< 0.5	< 0.5	1.6	< 0.5	< 0.5
	15-Apr-87	CAL	EPA 601	< 0.5	0.8	< 1	1.4	< 0.5	< 1
	14-Aug-87	MED	EPA 601	0.8	< 0.5	< 0.5	0.6	< 0.5	NR
	1-Jun-88	MED	EPA 601	86	25	< 0.5	14	< 0.5	< 2
	20-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Jan-90	MED	EPA 8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	31-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	25-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Apr-93	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	13-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-14	25-Mar-86	M-T	EPA 601	1600	460	< 0.5	1300	7	NR
1	30-Sep-86	CAL	EPA 624	2900	590	< 25	1500	< 25	NR
2	30-Sep-86	CAL	EPA 624	3300	680	< 50	1700	< 50	NR
	11-Dec-86	CAL	EPA 601	570	260	< 10	240	< 10	< 10
	15-Apr-87	CAL	EPA 601	3300	500	< 100	1500	< 50	< 100
	14-Aug-87	MED	EPA 601	1200	340	< 10	590	< 10	NR

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
duplicate	14-Aug-87	MED	EPA 601	1600	400	< 10	620	< 10	NR
18	13-Jan-88	MED	EPA 601	340	69	0.7	100	1	NR
	2-Jun-88	MED	EPA 601	540	110	< 5	150	< 5	< 5
	30-Sep-88	MED	EPA 601	750	130	1	300	3	6
27	20-Jan-89	MED	EPA 601	220	57	< 0.5	76	1	< 0.5
32	19-May-89	MED	EPA 601	2000	120	2	270	4	5
33	20-Sep-89	MED	EPA 8010	2400	100	2	250	3	10
34	20-Sep-89	MED	EPA 8010	2200	100	2	220	3	8
42	22-Jan-90	MED	EPA 8010	500	43	< 0.5	90	1	1
45	26-Apr-90	MED	EPA 8010	1200	84	2	220	3	7
duplicate[46]	26-Apr-90	MED	EPA 8010	1200	81	2	200	2	6
51	10-Sep-90	MED	EPA 8010	1400	110	2	200	2	5
59	20-Dec-90	MED	EPA 8010	1000	62	0.6	93	2	< 0.5
60 Preserved		MED	EPA 601	900	59	0.9	89	2	< 0.5
	25-Apr-91	QUA	EPA8010	240	20	1	36	< 0.5	< 0.5
	20-Aug-91	QUA	EPA8010	640	69	3	71	2	2
duplicate	20-Aug-91	QUA	EPA8010	700	73	3	77	2	2
	26-Jun-92	QUA	EPA8010	520	40	2	39	2	1
	26-Jun-92	EPA	EPA8010	109	26	< 0.5	24	1	2
duplicate	26-Jun-92	QUA	EPA8010	510	41	2	40	2	1
	25-Sep-92	QUA	EPA8010	510	120	3	38	1	0.6
duplicate	25-Sep-92	QUA	EPA8010	440	110	4	38	1	0.7
	22-Dec-92	QUA	EPA8010	540	150	4	40	2	4
	14-Apr-93	QUA	EPA8010	490	170	6	28	2	3
duplicate	14-Apr-93	QUA	EPA8010	500	190	6	28	2	3
	27-Jul-93	AEN	EPA8010	400	230	5	19	1	3
	26-Oct-93	AEN	EPA8010	260	200	6	17	1	2
	30-Dec-93	AEN	EPA8010	220	140	4	12	< 3	< 3
duplicate	30-Dec-93	AEN	EPA8010	200	140	3	12	< 3	< 3
	14-Apr-94	AEN	EPA8010	230	110	3	10	1	3
	14-Apr-94	AEN	EPA8010	200	94	3	10	1	3
	25-Jul-94	AEN	EPA8010	230	200	4	6	< 3	< 3
duplicate	25-Jul-94	AEN	EPA8010	210	180	3	7	0.7	1
	7-Oct-94	AEN	EPA8010	260	160	3	7	1	3
duplicate	7-Oct-94	AEN	EPA8010	250	150	3	7	1	3
	7-Mar-95	AEN	EPA8010	150	110	2	4	0.7	1
duplicate	7-Mar-95	AEN	EPA8010	190	120	2	5	0.5	2
	26-Apr-95	AEN	EPA8010	140	120	2	4	< 0.5	2
	25-Aug-95	AEN	EPA8010	120	120	< 3	< 10	< 3	< 3
	27-Oct-95	AEN	EPA8010	130	130	< 3	< 3	< 3	< 3
	4-Jan-96	AEN	EPA8010	97	92	1	2	< 0.5	2
	27-Mar-96	AEN	EPA8010	74	72	0.5	1	< 0.5	1.1
	9-Jul-96	AEN	EPA8010	96	100	< 3	< 3	< 3	< 3
duplicate	9-Jul-96	AEN	EPA8010	93	90	< 3	< 3	< 3	< 3
	12-Nov-96	AEN	EPA8010	33	88	0.6	< 0.5	< 0.5	0.9
	20-Jun-97		EPA8010	19	52	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	24	54	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	3.1	7.8	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8010	8.9	24	< 0.5	< 0.5	< 0.5	< 1.0
duplicate	16-Oct-98		EPA8010	9.1	24	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	1.7	3.7	< 0.5	< 0.5	< 0.5	< 1.0
duplicate	17-Mar-99		EPA8260A(8010)	1.7	3.7	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	3.4	8.1	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	23-Sep-99		EPA8260A(8010)	3.4	7.9	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA8260B	1	1.9	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	12-Apr-00		EPA8260B	1.1	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	1.2	2.9	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	8-Sep-00	C&T	EPA8260B	1	2.7	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	2-Apr-01	C&T	EPA 8260B	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	0.9	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	C&T	EPA 8260B	0.5	0.8	< 0.5	< 0.5	< 0.5	< 5.0
**	6-Apr-04								

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
W-15	27-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	10-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
	14-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	27-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	1-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	24	< 0.5
W-17	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	13-Aug-87	MED	EPA 601	0.9	< 0.5	< 0.5	< 0.5	< 0.5	NR
W-18	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	14-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
W-19	25-Mar-86	M-T	EPA 601	9	< 0.1	< 0.1	32	< 0.1	NR
	13-Aug-87	MED	EPA 601	7	< 0.5	< 0.5	15	< 0.5	NR
	16-Oct-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	0.7	< .5	< .5	< .5	< .5	< 1.0
	23-Sep-99		EPA8260A(8010)	0.9	< .5	< .5	< .5	< .5	< 5.0
	12-Apr-00		EPA8260B	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	1	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
**	14-May-01								
W-20	21-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	8-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
	13-Mar-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
W-21	21-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	9-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
17	13-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	27-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-22	17-Aug-87	MED	EPA 601	7	3	< 0.5	21	< 0.5	NR
	9-Jul-96	AEN	EPA8010	3.9	2.2	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8010	2.7	1.6	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	3	1.8	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	2.3	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA8260B	2.2	1.4	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	1.4	1.1	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	2.4	1.6	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	1.3	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	1.7	1.2	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	C&T	EPA 8260B	1.3	1.0	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	1.0	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	1.5	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	1.0	0.7	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	0.7	0.6	< 0.5	< 0.5	< 0.5	< 5.0
**	03-Jul-07								
W-23	17-Aug-87	MED	EPA 601	4	1	< 0.5	7	< 0.5	NR
	10-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	10-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-24	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	8-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	13-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	17-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-25	21-Mar-86	M-T	EPA 601	190	7	< 0.1	360	< 0.1	NR
	26-Mar-86	M-T	EPA 601	130	5	< 0.1	330	< 0.1	NR
3	30-Sep-86	CAL	EPA 624	140	5	< 5	220	< 5	NR
	8-Dec-86	CAL	EPA 601	110	3.7	< 2	140	< 2	< 2
	15-Apr-87	CAL	EPA 601	36	3	< 100	100	< 50	< 100
9	18-Aug-87	MED	EPA 601	95	4	0.6	130	< 0.5	NR
duplicate[10]	18-Aug-87	MED	EPA 601	91	4	0.6	110	< 0.5	NR
	25-Jun-92	QUA	EPA8010	65	4	< 0.5	43	< 0.5	< 0.5
	22-Sep-92	QUA	EPA8010	4	4	< 0.5	0.7	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	75	7	2	43	< 0.5	< 0.5
	13-Apr-93	QUA	EPA8010	69	7	0.6	36	< 0.5	< 0.5
duplicate	13-Apr-93	QUA	EPA8010	69	7	0.6	36	< 0.5	< 0.5
	27-Jul-93	AEN	EPA8010	73	7	1	32	< 0.5	< 0.5
duplicate	27-Jul-93	AEN	EPA8010	78	8	0.9	34	< 0.5	< 0.5
	28-Oct-93	AEN	EPA8010	50	8	1	2.6	< 0.5	< 0.5
	30-Dec-93	AEN	EPA8010	60	10	1	29	< 0.5	< 0.5
duplicate	30-Dec-93	AEN	EPA8010	58	9	1	25	< 0.5	< 0.5
	14-Apr-94	AEN	EPA8010	40	6	< 0.5	15	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	49	9	0.7	16	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	37	7	0.6	11	< 0.5	< 0.5
duplicate	7-Oct-94	AEN	EPA8010	37	7	0.6	12	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	26	6	< 0.5	8	< 0.5	< 0.5
	28-Apr-95	AEN	EPA8010	16	4	< 0.5	6	< 0.5	< 0.5
duplicate	28-Apr-95	AEN	EPA8010	17	4	< 0.5	6	< 0.5	< 0.5
	24-Aug-95	AEN	EPA8010	19	5	< 0.5	4	< 0.5	0.9
duplicate	24-Aug-95	AEN	EPA8010	18	4	< 0.5	4	< 0.5	0.9
	26-Oct-95	AEN	EPA8010	15	4	< 0.5	5	< 0.5	< 0.5
duplicate	26-Oct-95	AEN	EPA8010	14	4	< 0.5	5	< 0.5	< 0.5
	5-Jan-96	AEN	EPA8010	16	4	< 0.5	4	< 0.5	< 0.5
duplicate	5-Jan-96	AEN	EPA8010	16	4	< 0.5	4	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	11	3.5	< 0.5	1.6	< 0.5	< 0.5
duplicate	27-Mar-96	AEN	EPA8010	11	3.5	< 0.5	1.6	< 0.5	< 0.5
	11-Jul-96	AEN	EPA8010	6.5	2.3	< 0.5	0.7	< 0.5	< 0.5
	5-Nov-96	AEN	EPA8010	7.4	2.1	< 0.5	0.9	< 0.5	< 0.5
duplicate	5-Nov-96	AEN	EPA8010	7	1.9	< 0.5	0.8	< 0.5	< 0.5
	16-Jun-97		EPA8010	4.1	1.8	< 0.5	0.5	< 0.5	< 0.5
duplicate	16-Jun-97		EPA8010	3.8	1.7	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	2.4	0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	10-Sep-97		EPA8010	2.7	0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	1.9	1.1	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0
duplicate	16-Oct-98		EPA8010	3.1	1.4	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	3.3	1.7	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	3.3	1.8	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA8260B	3.9	1.8	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	2.4	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	2.9	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	2.7	1.2	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	2.3	1.0	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	C&T	EPA 8260B	2.1	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	8-Apr-03	CTBERK	EPA 8260B	2.3	0.8	< 0.5	< 0.5	< 0.5	< 5.0

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	22-Oct-03	C&T	EPA 8260B	1.6	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	17-May-04	C&T	EPA 8260B	1.3	0.5	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	1.2	0.5 J	< 0.5	< 0.5	< 0.5	< 5.0
	3-May-05	C&T	EPA 8260B	1.5	0.5	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	1	0.4 J	< 0.5	< 0.5	< 0.5	< 5.0
	6-Jun-06	C&T	EPA 8260B	1.3	0.4 J	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	0.9	0.4 J	< 0.5	< 0.5	< 0.5	< 5.0
	11-Apr-07	C&T	EPA 8260B	0.7	0.3 J	< 0.5	< 0.5	< 0.5	< 5.0
**	03-Jul-07								
W-26	21-Mar-86	M-T	EPA 601	13	9	< 0.1	18	< 0.1	NR
58	16-Apr-87	CAL	EPA 601	22	20	< 1	17	< 0.5	1
	17-Aug-87	MED	EPA 601	28	26	< 0.5	21	< 0.5	NR
	17-May-89	MED	EPA 601	4	3	< 0.5	1	< 0.5	< 0.5
	20-Apr-90		EPA 8010	10	9	< 0.5	3	< 0.5	< 0.5
	18-Apr-91	QUA	EPA8010	2	3	< 0.5	1	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	3	3	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	25-Jun-92	QUA	EPA8010	3	3	< 0.5	< 0.5	< 0.5	< 0.5
	22-Sep-92	QUA	EPA8010	74	5	< 0.5	40	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	5	4	< 0.5	0.7	< 0.5	< 0.5
	14-Apr-93	QUA	EPA8010	4	4	< 0.5	0.7	< 0.5	< 0.5
	27-Jul-93	AEN	EPA8010	2	2	< 0.5	0.6	< 0.5	< 0.5
	27-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	30-Dec-93	AEN	EPA8010	2	3	< 0.5	< 0.5	< 0.5	< 0.5
	14-Apr-94	AEN	EPA8010	2	2	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	14-Apr-94	AEN	EPA8010	2	2	< 0.5	< 0.5	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	2	2	< 0.5	< 0.5	< 0.5	< 0.5
	6-Oct-94	AEN	EPA8010	2	2	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	1	1	< 0.5	< 0.5	< 0.5	< 0.5
	28-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Aug-95	AEN	EPA8010	2	2	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-95	AEN	EPA8010	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	26-Oct-95	AEN	EPA8010	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5
	5-Jan-96	AEN	EPA8010	0.9	0.8	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	5-Jan-96	AEN	EPA8010	1	0.9	< 0.5	< 0.5	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Nov-96		EPA8010	0.6	0.5	< 0.5	< 0.5	< 0.5	< 0.5
	2-Jul-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-27	21-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	16-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
	17-Aug-87	MED	EPA 601	13	11	< 0.5	11	< 0.5	NR
	17-May-89	MED	EPA 601	9	6	< 0.5	3	< 0.5	< 0.5
	2-May-90	MED	EPA 8010	5	4	< 0.5	1	< 0.5	< 0.5
	26-Apr-91	QUA	EPA8010	4	5	< 0.5	0.9	< 0.5	< 0.5
	2-Jul-97		EPA8010	7.1	12	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	6.8	12	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	10-Sep-97		EPA8010	6.4	12	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	10	15	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	11-Jun-98		EPA8010	11	15	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8260A(8010)	12	15	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	11	16	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	9.9	15	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA8260B	10	20	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	6.3	16	< 0.5	< 0.5	< 0.5	< 5.0
	21-Nov-00	C&T	EPA8260B	3.6	14	< 0.5	< 0.5	< 0.5	< 5.0
64	21-Nov-00	CLI	EPA8260A	< 0.5	14	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	7.1	18	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	8.3	16	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	19-Oct-01	C&T	EPA 8260B	7.9	15	< 0.5	< 0.5	< 0.5	< 5.0

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	16-Apr-02	C&T	EPA 8260B	4.9	12	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	C&T	EPA 8260B	5.6	15	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	8-Oct-02	C&T	EPA 8260B	5.7	15	< 0.5	< 0.5	< 0.5	< 5.0
	8-Apr-03	CTBERK	EPA 8260B	4	14	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	8-Apr-03	CTBERK	EPA 8260B	4.9	15	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	4.7	21	< 0.5	< 0.5	< 0.5	< 5.0
	17-May-04	C&T	EPA 8260B	3.9	14	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	17-May-04	C&T	EPA 8260B	3.9	14	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	4.8	20	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	16-Nov-04	C&T	EPA 8260B	4.9	20	< 0.5	< 0.5	< 0.5	< 5.0
	3-May-05	C&T	EPA 8260B	3.8	20	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	3-May-05	C&T	EPA 8260B	3.6	19	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	2.6	16	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	20-Oct-05	C&T	EPA 8260B	3.2	17	< 0.5	< 0.5	< 0.5	< 5.0
	6-Jun-06	C&T	EPA 8260B	3	16	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	1.5	12	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	26-Oct-06	C&T	EPA 8260B	1.6	12	< 0.5	< 0.5	< 0.5	< 5.0
	11-Apr-07	C&T	EPA 8260B	1.2	8	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-07	C&T	EPA 8260B	1.9	8.8	< 0.5	< 0.5	< 0.5	< 5.0
	4-Apr-08	C&T	EPA 8260B	1.2	9	< 0.5	< 0.5	< 0.5	< 5.0
	29-Sep-08	C&T	EPA 8260B	2.2	11	< 0.5	< 0.5	< 0.5	< 5.0
	15-May-09	C&T	EPA 8260B	0.6	4.7	< 0.5	< 0.5	< 0.5	< 5.0
	30-Dec-09	C&T	EPA 8260B	0.8	6.5	< 0.5	< 0.5	< 0.5	< 5.0
	25-Jul-12	C&T	EPA 8260B	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 2.0
duplicate	25-Jul-12	C&T	EPA 8260B	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 2.0
W-28	21-Mar-86	M-T	EPA 601	62	140	11	90	0.3	NR
	26-Mar-86	M-T	EPA 601	86	130	10	76	< 0.1	NR
4	30-Sep-86	CAL	EPA 624	93	150	< 5	49	< 5	NR
	9-Dec-86	CAL	EPA 601	120	160	< 2	50	< 2	< 2
	16-Apr-87	CAL	EPA 601	55	63	< 4	11	< 2	< 4
	16-Apr-87	CAL	EPA 601	62	78	< 4	14	< 2	< 4
	17-Aug-87	MED	EPA 601	77	130	0.8	41	0.6	NR
	13-Jan-88	MED	EPA 601	75	110	0.7	28	< 0.5	NR
	31-May-88	MED	EPA 601	110	170	0.7	25	0.5	< 4
	30-Sep-88	MED	EPA 601	53	120	< 0.5	15	< 0.5	< 1
	20-Jan-89	MED	EPA 601	76	140	0.6	36	0.8	< 0.5
31	17-May-89	MED	EPA 601	220	160	0.8	48	1	1
35	20-Sep-89	MED	EPA 8010	180	210	0.8	34	< 0.5	< 0.5
40	22-Jan-90	MED	EPA 8010	85	140	0.8	21	< 0.5	0.6
duplicate[41]	22-Jan-90	MED	EPA 8010	93	160	< 0.5	22	< 0.5	0.5
47	2-May-90	MED	EPA 8010	170	280	1	32	< 0.5	1
52	11-Sep-90	MED	EPA 8010	74	170	< 0.5	12	< 0.5	< 0.5
	20-Dec-90	MED	EPA 8010	60	120	< 0.5	9	< 0.5	< 0.5
preserved*		MED	EPA 601	52	110	< 0.5	7	< 0.5	< 0.5
	15-Aug-91	QUA	EPA8010	27	84	< 0.5	3	< 0.5	< 0.5
	26-Jun-92	QUA	EPA8010	110	200	2	11	1	< 0.5
	26-Jun-92	EPA	EPA8010	53	74	0.7	4	0.6	0.8
	24-Sep-92	QUA	EPA8010	26	86	< 0.5	2	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	54	130	1	3	0.8	1
	15-Apr-93	QUA	EPA8010	33	120	< 0.5	2	< 0.5	0.8
	27-Jul-93	AEN	EPA8010	19	90	0.7	1	< 0.5	0.5
duplicate	27-Jul-93	AEN	EPA8010	19	86	0.6	1	< 0.5	0.7
	26-Oct-93	AEN	EPA8010	5	28	< 0.5	< 0.5	< 0.5	< 0.5
	30-Dec-93	AEN	EPA8010	11	45	< 0.5	< 0.5	< 0.5	< 0.5
	14-Apr-94	AEN	EPA8010	4	17	< 0.5	< 0.5	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	6	67	< 0.5	< 0.5	< 0.5	< 0.5
	6-Oct-94	AEN	EPA8010	9	48	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	6-Oct-94	AEN	EPA8010	8	46	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	4	24	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-95	AEN	EPA8010	6	36	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	26-Apr-95	AEN	EPA8010	5	36	< 0.5	< 0.5	< 0.5	< 0.5
	25-Aug-95	AEN	EPA8010	7	41	< 0.5	< 0.5	< 0.5	< 0.5
	27-Oct-95	AEN	EPA8010	2	29	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	4-Jan-96	AEN	EPA8010	5	32	< 0.5	< 0.5	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	4.2	24	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jul-96	AEN	EPA8010	2	20	< 0.5	< 0.5	< 0.5	< 0.5
	12-Nov-96	AEN	EPA8010	< 0.5	4.2	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	12-Nov-96	AEN	EPA8010	< 0.5	3	< 0.5	< 0.5	< 0.5	< 0.5
	20-Jun-97		EPA8010	4.2	31	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	< 0.5	3.2	< 0.5	< 0.5	< 0.5	< 0.5
	9-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-29	21-Mar-86	M-T	EPA 601	65	4	3	150	< 0.1	NR
	8-Dec-86	CAL	EPA 601	56	1.8	< 0.5	64	< 0.5	< 0.5
	8-Dec-86	CAL	EPA 601	69	2.9	< 0.5	75	< 0.5	< 0.5
	14-Apr-87	CAL	EPA 601	28	1.2	< 2	46	< 1	< 2
12	17-Aug-87	MED	EPA 601	48	3	< 0.5	56	< 0.5	NR
	13-Jan-88	MED	EPA 601	49	2	< 0.5	46	< 0.5	NR
23	2-Jun-88	MED	EPA 601	84	4	< 0.5	59	2	< 0.5
duplicate[22]	2-Jun-88	MED	EPA 601	76	3	< 0.5	49	< 0.5	< 0.5
W-30	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	26-Feb-87	CAL	EPA 601	< 0.5	< 0.5	< 1	0.5	< 1	< 1
11	17-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	19-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	2-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-31	17-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	11-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-32	25-Mar-86	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
	26-Feb-87	CAL	EPA 601	< 0.5	< 0.5	< 1	0.5	< 1	< 1
	26-Feb-87	CAL	EPA 601	< 0.5	< 0.5	< 1	0.5	< 1	< 1
	15-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
	14-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
W-33	25-Mar-86	M-T	EPA 601	1	< 0.1	< 0.1	5	< 0.1	NR
	10-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5
	15-Apr-87	CAL	EPA 601	0.9	< 0.5	< 1	2	< 0.5	< 1
	13-Aug-87	MED	EPA 601	2	< 0.5	< 0.5	4	< 0.5	NR
	13-Jan-88	MED	EPA 601	1	< 0.5	< 0.5	3	< 0.5	NR
	27-May-88	MED	EPA 601	1	< 0.5	< 0.5	2	< 0.5	< 0.5
	30-Sep-88	MED	EPA 601	2	< 0.5	< 0.5	1	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	3	< 0.5	< 0.5	1	< 0.5	< 0.5
	17-May-89	MED	EPA 601	0.7	< 0.5	< 0.5	0.8	< 0.5	< 0.5
	20-Sep-89	MED	EPA 8010	4	< 0.5	< 0.5	2	< 0.5	< 0.5
	20-Apr-90	MED	EPA 8010	3	< 0.5	< 0.5	3	< 0.5	< 0.5
	11-Sep-90	MED	EPA 8010	3	< 0.5	< 0.5	0.9	< 0.5	< 0.5
	19-Dec-90	MED	EPA 8010	6	< 0.5	< 0.5	2	< 0.5	< 0.5
	19-Aug-91	QUA	EPA8010	3	< 0.5	< 0.5	3	< 0.5	< 0.5
	22-Sep-92	QUA	EPA8010	2	< 0.5	< 0.5	1	< 0.5	< 0.5
	13-Apr-93	QUA	EPA8010	3	< 0.5	< 0.5	2	< 0.5	< 0.5
	28-Oct-93	AEN	EPA8010	2	< 0.5	< 0.5	1	< 0.5	< 0.5
	13-Apr-94	AEN	EPA8010	3	< 0.5	< 0.5	1	< 0.5	0.7
	4-Oct-94	AEN	EPA8010	4	0.8	< 0.5	2	< 0.5	< 0.5
	27-Apr-95	AEN	EPA8010	3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-95	AEN	EPA8010	4	0.6	< 0.5	0.8	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	4.4	0.6	< 0.5	0.5	< 0.5	< 0.5
	12-Nov-96	AEN	EPA8010	3.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Jun-97		EPA8010	3.1	0.7	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	2.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	21-Nov-00	C&T	EPA8260B	1.6	0.8	< 0.5	< 0.5	< 0.5	< 5.0
64	21-Nov-00	CLI	EPA8260A	1.3	0.53	0.5	< 0.5	< 0.5	< 5.0
**	15-May-01								

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
LF-1[5]	18-Sep-86	CAL	EPA 624	61	7	< 5	48	< 5	NR
	18-Sep-86	CAL	EPA 601	120	8	< 2	74	< 2	4.4
	11-Dec-86	CAL	EPA 601	95	7.9	< 2	60	< 2	7.6
	14-Apr-87	CAL	EPA 601	43	6.4	< 2	28	< 1	< 2
	11-Aug-87	MED	EPA 601	25	6	< 0.5	18	< 0.5	NR
	12-Jan-88	MED	EPA 601	60	10	< 0.5	31	< 0.5	NR
	1-Jun-88	MED	EPA 601	85	9	< 0.5	32	< 0.5	< 3
LF-2	17-Sep-86	CAL	EPA 624	1	< 5	< 5	2	< 5	NR
	18-Sep-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	0.9	< 0.5	< 0.5
	9-Dec-86	CAL	EPA 601	0.7	< 0.5	< 0.5	0.7	< 0.5	< 0.5
	9-Dec-86	CAL	EPA 601	0.7	< 0.5	< 0.5	0.8	< 0.5	< 0.5
	14-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	0.6	< 0.5	< 1
	12-Aug-87	MED	EPA 601	6	< 0.5	< 0.5	9	< 0.5	NR
	12-Aug-87	MED	EPA 601	7	< 0.5	< 0.5	11	< 0.5	NR
	1-Jun-88	MED	EPA 601	1	< 0.5	< 0.5	0.7	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	14	< 0.5	< 0.5	13	< 0.5	< 0.5
	15-May-89	MED	EPA 601	14	< 0.5	< 0.5	6	< 0.5	< 0.5
	17-Jan-90	MED	EPA 8010	20	1	< 0.5	14	< 0.5	< 0.5
	3-May-90	MED	EPA 8010	22	< 0.5	< 0.5	12	< 0.5	< 0.5
	31-Aug-90	MED	EPA 8010	21	4	< 0.5	5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	23	7	< 0.5	7	< 0.5	< 0.5
	20-Aug-91	QUA	EPA8010	20	4	< 0.5	6	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	10	4	< 0.5	1	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	1	0.7	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	22-Dec-92	QUA	EPA8010	1	0.7	< 0.5	< 0.5	< 0.5	< 0.5
	14-Apr-93	QUA	EPA8010	4	3	< 0.5	0.8	< 0.5	< 0.5
	27-Jul-93	AEN	EPA8010	2	1	< 0.5	0.8	< 0.5	< 0.5
	28-Oct-93	AEN	EPA8010	3	1	< 0.5	0.7	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	2	1	< 0.5	< 0.5	< 0.5	< 0.5
	12-Apr-94	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	12-Apr-94	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	2	3	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	25-Jul-94	AEN	EPA8010	3	2	< 0.5	0.6	< 0.5	< 0.5
	4-Oct-94	AEN	EPA8010	5	4	< 0.5	0.7	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	7-Mar-95	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
	27-Apr-95	AEN	EPA8010	2	0.9	< 0.5	< 0.5	< 0.5	< 0.5
	24-Aug-95	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Jan-96	AEN	EPA8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Mar-96	AEN	EPA8010	2.8	1.3	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jul-96	AEN	EPA8010	3.8	2	< 0.5	< 0.5	< 0.5	< 0.5
	8-Nov-96	AEN	EPA8010	3.4	1.9	< 0.5	< 0.5	< 0.5	< 0.5
	20-Jun-97		EPA8010	30	61	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	4.6	2.4	< 0.5	< 0.5	< 0.5	< 0.5
	9-Jun-98		EPA8010	4	2	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	9-Jun-98		EPA8010	4.6	2	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8010	5	2.3	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	5.5	2.2	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	5	2.4	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA8260B	5.4	2.3	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	4.1	2.1	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	5.3	2.4	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	3.3	1.7	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	3.9	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	C&T	EPA 8260B	4.1	2.3	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	2.6	2.4	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	DATA	EPA 8260B	1	0.4 J	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	2.0	1.4	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	1.1	1	< 0.5	< 0.5	< 0.5	< 5.0

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
**	03-Jul-07								
LF-3	18-Sep-86	CAL	EPA 624	4	< 5	< 5	11	< 5	NR
	18-Sep-86	CAL	EPA 601	1.7	< 0.5	< 0.5	5.8	< 0.5	5.1
	18-Sep-86	CAL	EPA 601	1.9	< 0.5	< 0.5	5.1	< 0.5	< 0.5
	11-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
	15-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
	11-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	27-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	31-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	28-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-4	17-Sep-86	CAL	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	17-Sep-86	CAL	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	18-Sep-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Sep-86	CAL	EPA 8240	< 200	< 200	< 200	< 200	< 200	< 200
	11-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
	11-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	25-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	31-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	13-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-5	10-Dec-86	CAL	EPA 624	17	1	< 5	20	< 5	NR
	11-Dec-86	CAL	EPA 601	19	9	< 0.5	20	< 0.5	1.2
	14-Apr-87	CAL	EPA 601	7	0.5	< 1	3.8	< 0.5	< 1
	6-Aug-87	MED	EPA 601	14	1	< 0.5	16	< 0.5	NR
	13-Jan-88	MED	EPA 601	15	1	0.9	13	< 0.5	NR
	1-Jun-88	MED	EPA 601	12	0.7	< 0.5	8	< 0.5	< 1
	29-Sep-88	MED	EPA 601	18	< 0.5	< 0.5	19	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	23	3	< 0.5	16	< 0.5	< 1
duplicate	20-Jan-89	MED	EPA 601	23	3	< 0.5	16	< 0.5	< 1
	15-May-89	MED	EPA 601	16	2	< 0.5	7	< 0.5	< 0.5
duplicate	15-May-89	MED	EPA 601	17	2	< 0.5	8	< 0.5	< 0.5
	19-Sep-89	MED	EPA 8010	10	0.6	< 0.5	2	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	18-Jan-90	MED	EPA 8010	2	0.6	< 1	0.7	< 1	< 1
	1-May-90	MED	EPA 8010	2	< 0.5	< 1	0.7	< 1	< 1
	10-Sep-90	MED	EPA 8010	0.6	< 0.5	< 1	< 0.5	< 1	< 1
	19-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	19-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Apr-93	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	28-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-6	10-Dec-86	CAL	EPA 624	< 5	< 5	< 5	1	< 5	NR
	10-Dec-86	CAL	EPA 624	< 5	< 5	< 5	1	< 5	NR
	11-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	0.9	< 0.5	NR
	14-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	1.3	< 0.5	< 1
	11-Aug-87	MED	EPA 601	4	0.6	< 0.5	8	< 0.5	NR
18	12-Jan-88	MED	EPA 601	2	< 0.5	< 0.5	4	< 0.5	NR
	1-Jun-88	MED	EPA 601	5	< 0.5	< 0.5	5	< 0.5	< 1
	28-Sep-88	MED	EPA 601	5	< 0.5	< 0.5	5	< 0.5	< 1
	20-Jan-89	MED	EPA 601	5	< 0.5	< 0.5	3	< 0.5	< 0.5
	16-May-89	MED	EPA 601	3	< 0.5	< 0.5	2	< 0.5	< 0.5
	19-Sep-89	MED	EPA 8010	4	< 0.5	< 0.5	1	< 0.5	< 0.5
	22-Jan-90	MED	EPA 8010	2	< 0.5	< 0.5	1	< 0.5	< 0.5
	1-May-90	MED	EPA 8010	2	< 0.5	< 0.5	0.7	< 0.5	< 0.5
	10-Sep-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
	19-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Apr-93	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	13-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-7	13-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 1	< 1
	21-Apr-87	CAL	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	7-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	26-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4-May-90	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	30-Aug-90	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-8	13-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 1	< 1
	21-Apr-87	CAL	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	10-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	26-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	1-May-90	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	30-Aug-90	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-9	13-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 1	< 1
	21-Apr-87	CAL	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	10-Aug-87	MED	EPA 601	0.7	< 0.5	< 0.5	1	< 0.5	NR
	13-Jan-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	26-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	28-Sep-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Sep-89	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	10-Sep-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-10	10-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 1	< 1
	21-Apr-87	CAL	EPA 601	< 5	< 5	< 5	< 5	< 5	NR
	12-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	25-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-90	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-11	17-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
LF-12	1-Jul-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2
	10-Aug-87	MED	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	25-May-88	MED	EPA 601	4	1	< 0.5	4	1	< 2
	1-Jul-88	MED	EPA 601	4	< 0.5	< 0.5	1	< 0.5	< 0.5
	30-Sep-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jan-89	MED	EPA 601	1	< 0.5	< 0.5	0.6	< 0.5	< 0.5
	10-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Sep-89	MED	EPA 8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Sep-89	MED	EPA 8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jan-90	MED	EPA 8010	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Apr-90	MED	EPA 8010	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Sep-92	QUA	EPA8010	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6-Oct-94	AEN	EPA8010	2	0.7	< 0.5	< 0.5	< 0.5	< 0.5
	24-Oct-95	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-13	15-Apr-87	CAL	EPA 601	< 0.5	0.8	< 1	1.4	< 0.5	< 1
	1-Jul-87	MED	EPA 601	11	0.7	< 0.5	6	< 0.5	< 0.5
	7-Aug-87	MED	EPA 624	9	< 5	< 5	8	< 5	NR
duplicate	7-Aug-87	MED	EPA 624	10	< 5	< 5	7	< 5	NR
	13-Jan-88	MED	EPA 601	9	0.5	2	7	< 0.5	NR

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	31-May-88	MED	EPA 601	9	0.7	< 0.5	6	< 0.5	< 2
duplicate	31-May-88	MED	EPA 601	< 0.5	0.8	< 0.5	7	< 0.5	< 3
	29-Sep-88	MED	EPA 601	6	< 0.5	< 0.5	4	< 0.5	< 0.5
	29-Sep-88	FIR	EPA 601	1.6	< 0.5	< 0.5	2.5	< 0.5	NR
	29-Sep-88	NET	EPA 624	< 2.8	< 4.7	< 2.8	< 3.8	< 1.9	NR
	18-Jan-89	MED	EPA 601	4	< 0.5	< 0.5	4	< 0.5	< 0.5
29	10-May-89	MED	EPA 601	3	< 0.5	< 0.5	2	< 0.5	< 0.5
	19-Sep-89	MED	EPA 8010	23	0.5	< 0.5	8	< 0.5	2
	18-Jan-90	MED	EPA 8010	4	< 0.5	< 0.5	4	< 0.5	< 0.5
	2-May-90	MED	EPA 8010	22	< 0.5	< 0.5	9	< 0.5	2
	split	EPA	EPA 8240	15	1	< 1	8	< 1	NA
	11-Sep-90	MED	EPA 8010	7	< 0.5	< 0.5	3	< 0.5	< 0.5
	19-Dec-90	MED	EPA 8010	26	1	< 0.5	11	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	4	< 0.5	< 0.5	0.5	< 0.5	< 0.5
	24-Apr-92	QUA	EPA8010	13	0.7	< 0.5	4	< 0.5	1
	24-Apr-92	QUA	EPA8010	5	0.5	< 0.5	4	< 0.5	1
	25-Jun-92	QUA	EPA8010	8	< 0.5	< 0.5	2	< 0.5	< 0.5
LF-14	1-Jul-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Aug-87	MED	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	24-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	2-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	30-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-15	8-Jul-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6-Aug-87	MED	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	25-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	29-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-16	8-Jul-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Aug-87	MED	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	26-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Oct-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Sep-89	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	28-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-17[7]	8-Jul-87	MED	EPA 601	3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6-Aug-87	MED	EPA 624	8	< 5	< 5	7	< 5	NR
	12-Jan-88	MED	EPA 601	12	1	0.6	11	< 0.5	NR
	12-Jan-88	MED	EPA 601	12	0.7	3	9	< 0.5	NR
	26-May-88	MED	EPA 601	9	0.5	< 0.5	7	< 0.5	< 1
	29-Sep-88	MED	EPA 601	6	< 0.5	< 0.5	7	< 0.5	< 0.5
	18-Jan-89	MED	EPA 601	8	< 0.5	< 0.5	7	< 0.5	< 0.5
	11-May-89	MED	EPA 601	7	< 0.5	< 0.5	5	< 0.5	< 0.5
duplicate	11-May-89	MED	EPA 601	8	< 0.5	< 0.5	5	< 0.5	< 0.5
	19-Sep-89	MED	EPA 8010	20	< 0.5	< 0.5	8	< 0.5	0.6
duplicate	19-Sep-89	MED	EPA 8010	20	< 0.5	< 0.5	8	< 0.5	< 0.5
	18-Jan-90	MED	EPA 8010	12	0.6	< 0.5	9	< 0.5	< 0.5
	2-May-90	MED	EPA 8010	20	0.9	< 0.5	10	< 0.5	0.6
55	split	EPA	EPA 8240	18	2	< 1	9	< 1	NA
	29-Aug-90	MED	EPA 8010	19	1	< 0.5	9	< 0.5	< 0.5
	20-Dec-90	MED	EPA 8010	25	2	< 0.5	11	< 0.5	< 0.5
	16-Aug-91	QUA	EPA8010	17	1	< 0.5	6	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	9	1	< 0.5	4	< 0.5	< 0.5
LF-18	8-Jul-87	MED	EPA 601	3	< 0.5	< 0.5	7	< 0.5	< 0.5
	6-Aug-87	MED	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	31-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-88	MED	EPA 601	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	19-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	30-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-19	23-Jul-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Aug-87	MED	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	31-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-20	23-Jul-87	MED	EPA 601	< 0.5	2	< 0.5	< 0.5	< 0.5	< 0.5
	12-Aug-87	MED	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
	31-May-88	MED	EPA 601	0.8	4	< 0.5	< 0.5	< 0.5	< 0.5
	19-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-21	24-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NA
duplicate	24-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NA
	2-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	2-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
56	split	EPA	EPA 8240	< 1	< 1	< 1	< 1	< 1	NA
	29-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	preserved*	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	14-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-22	24-Apr-90	MED	EPA 8240	6	< 5	< 5	< 5	< 5	NA
	30-Apr-90	MED	EPA 8010	12	< 0.5	< 0.5	4	< 0.5	< 0.5
	30-Aug-90	MED	EPA 8010	20	0.6	< 0.5	7	< 0.5	< 0.5
	19-Dec-90	MED	EPA 8010	17	0.8	< 0.5	5	< 0.5	< 0.5
	18-Apr-91	QUA	EPA8010	9	< 0.5	< 0.5	5	< 0.5	< 0.5
	20-Aug-91	QUA	EPA8010	10	< 0.5	< 0.5	4	< 0.5	< 0.5
	26-Jun-92	QUA	EPA8010	3	< 0.5	< 0.5	0.6	< 0.5	< 0.5
	26-Jun-92	EPA	EPA8010	3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	22-Dec-92	QUA	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Apr-93	QUA	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Jul-93	AEN	EPA8010	2	< 0.5	< 0.5	0.6	< 0.5	< 0.5
	27-Oct-93	AEN	EPA8010	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	30-Dec-93	AEN	EPA8010	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6-Oct-94	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	28-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Aug-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Jan-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-23	23-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NA
	30-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	30-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-24	19-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NA
duplicate	19-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NA
	2-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	split	EPA	EPA 8240	< 1	< 1	< 1	< 1	< 1	NA
	30-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-25	23-Apr-90	MED	EPA 8240	5	< 5	< 5	< 5	< 5	NA
	30-Apr-90	MED	EPA 8010	7	< 0.5	< 0.5	4	< 0.5	1
	29-Aug-90	MED	EPA 8010	4	< 0.5	< 0.5	3	< 0.5	< 0.5
duplicate	29-Aug-90	MED	EPA 8010	4	< 0.5	< 0.5	2	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	6	< 0.5	< 0.5	3	< 0.5	< 0.5
	19-Aug-91	QUA	EPA8010	3	< 0.5	< 0.5	2	< 0.5	< 0.5
	22-Sep-92	QUA	EPA8010	3	< 0.5	< 0.5	2	< 0.5	< 0.5
duplicate	22-Sep-92	QUA	EPA8010	3	< 0.5	< 0.5	2	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	13-Apr-93	QUA	EPA8010	4	0.6	< 0.5	2	< 0.5	< 0.5
	27-Oct-93	AEN	EPA8010	5	< 0.5	< 0.5	3	< 0.5	0.8
duplicate	27-Oct-93	AEN	EPA8010	5	< 0.5	< 0.5	3	< 0.5	0.8
	12-Apr-94	AEN	EPA8010	5	2	< 0.5	2	< 0.5	0.9
	4-Oct-94	AEN	EPA8010	5	2	< 0.5	2	< 0.5	0.7
	27-Apr-95	AEN	EPA8010	3	0.6	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	27-Apr-95	AEN	EPA8010	3	0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Oct-95	AEN	EPA8010	3	< 0.5	< 0.5	0.9	< 0.5	< 0.5
	26-Mar-96	AEN	EPA8010	4.3	0.9	< 0.5	0.6	< 0.5	< 0.5
	5-Nov-96	AEN	EPA8010	3.6	1.1	< 0.5	0.5	< 0.5	< 0.5
	19-Jun-97		EPA8010	2.8	1	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	3.1	1.1	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	9-Sep-97		EPA8010	2.6	1	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jun-98		EPA8010	2.3	1.1	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	10-Jun-98		EPA8010	2.4	1.1	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8010	2.5	1	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	3	1.1	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	2.6	1.1	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA8260B	2.6	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	< 0.5	1.2	0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	2.8	1.4	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	1.8	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	2.2	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	C&T	EPA 8260B	1.7	0.7	< 0.5	< 0.5	< 0.5	< 5.0
***	06-Apr-04								
LF-26	23-Apr-90	MED	EPA 8240	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA
	30-Apr-90	MED	EPA 8010	< 0.5	5	< 0.5	4	< 0.5	4
	29-Aug-90	MED	EPA 8010	2	< 0.5	< 0.5	0.8	< 0.5	< 0.5
duplicate	29-Aug-90	MED	EPA 8010	2	< 0.5	< 0.5	1	< 0.5	< 0.5
	20-Dec-90	MED	EPA 8010	6	< 0.5	< 0.5	3	< 0.5	< 0.5
duplicate	20-Dec-90	MED	EPA 8010	6	< 0.5	< 0.5	3	< 0.5	< 0.5
	19-Aug-91	QUA	EPA8010	2	< 0.5	< 0.5	2	< 0.5	< 0.5
	22-Sep-92	QUA	EPA8010	4	< 0.5	< 0.5	2	< 0.5	< 0.5
duplicate	22-Sep-92	QUA	EPA8010	4	< 0.5	< 0.5	2	< 0.5	< 0.5
	13-Apr-93	QUA	EPA8010	5	< 0.5	< 0.5	3	< 0.5	0.9
duplicate	13-Apr-93	QUA	EPA8010	5	< 0.5	< 0.5	3	< 0.5	0.9
	27-Oct-93	AEN	EPA8010	3	< 0.5	< 0.5	2	< 0.5	1
duplicate	27-Oct-93	AEN	EPA8010	3	< 0.5	< 0.5	2	< 0.5	0.6
	12-Apr-94	AEN	EPA8010	3	0.8	< 0.5	2	< 0.5	2
	4-Oct-94	AEN	EPA8010	6	1	< 0.5	2	< 0.5	1
	27-Apr-95	62							
	24-Aug-95	AEN	EPA8010	6	1	< 0.5	2	< 0.5	0.7
duplicate	24-Aug-95	AEN	EPA8010	6	1	< 0.5	2	< 0.5	0.7
	25-Oct-95	AEN	EPA8010	6	< 0.5	< 0.5	1	< 0.5	< 0.5
duplicate	25-Oct-95	AEN	EPA8010	6	< 0.5	< 0.5	1	< 0.5	< 0.5
	26-Mar-96	AEN	EPA8010	5.8	0.7	< 0.5	0.8	< 0.5	< 0.5
duplicate	26-Mar-96	AEN	EPA8010	5.3	0.7	< 0.5	0.8	< 0.5	< 0.5
	5-Nov-96	AEN	EPA8010	5	0.9	< 0.5	0.7	< 0.5	< 0.5
duplicate	5-Nov-96	AEN	EPA8010	5	0.9	< 0.5	0.8	< 0.5	< 0.5
	19-Jun-97		EPA8010	4.2	1	< 0.5	0.6	< 0.5	< 0.5
duplicate	19-Jun-97		EPA8010	4.1	0.9	< 0.5	0.6	< 0.5	< 0.5
	9-Sep-97		EPA8010	2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Jun-98		EPA8010	4.3	1.1	< 0.5	0.5	< 0.5	< 0.5
duplicate	10-Jun-98		EPA8010	4.2	1.1	< 0.5	0.5	< 0.5	< 0.5
	23-Sep-99		EPA8260A(8010)	3.6	1.1	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA8260B	3.2	1	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	2.5	0.8	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	2.6	1.0	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	1.9	0.6	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	2.3	0.9	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	CTBERK	EPA 8260B	2.0	0.9	< 0.5	< 0.5	< 0.5	< 5.0
***	06-Apr-04								

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
LF-27	24-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NA
	3-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	3-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
57	split	EPA	EPA 8240	< 1	< 1	< 1	< 1	< 1	NA
	28-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	28-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-27A	8-Feb-91	QUA	EPA624	< 5	< 5	< 5	< 5	< 5	NA
	15-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-28	20-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NA
	1-May-90	MED	EPA 8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	29-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
DH-2	15-Jun-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	31-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Station 5	20-Nov-86	5 M-T	EPA 601	< 0.1	< 0.1	< 0.1	0.9	< 0.1	NR
	10-Dec-86	CAL	EPA 601	0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
	10-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Dec-86	M-T	EPA 601	0.9	0.9	< 0.1	3.2	< 0.1	NR
	30-Dec-86	M-T	EPA 601	0.4	< 0.1	< 0.1	0.7	< 0.1	NR
	5-Feb-87	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Feb-87	B&C	EPA 601	< 5	< 5	< 5	< 5	< 5	< 5
	26-Feb-87	CAL	EPA 601	0.8	< 0.5	< 1	< 0.5	< 1	< 1
	26-Feb-87	CAL	EPA 601	< 0.5	< 0.5	< 1	0.5	< 1	< 1
8	27-Mar-87	M-T	EPA 601	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NR
6	21-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 1
8	22-May-87	M-T	EPA 601	< 0.2	< 0.5	< 0.5	< 0.5	< 0.5	NR
	3-Dec-87	M-T	EPA 601	1.3	0.6	< 0.5	1.2	< 0.5	NR
	21-Dec-87	M-T	EPA 601	1.2	0.7	< 0.5	1.4	< 0.5	NR
	30-Dec-87	MED	EPA 601	2	< 0.5	< 0.5	2	< 0.5	NR
	13-Jan-88	MED	EPA 601	1	< 0.5	< 0.5	1	< 0.5	NR
	26-May-88	MED	EPA 601	2	< 0.5	< 0.5	0.9	< 0.5	< 0.5
duplicate	26-May-88	MED	EPA 601	2	< 0.5	< 0.5	0.9	< 0.5	< 0.5
Sola City Well 16	10-Dec-86	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	26-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	16-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-90	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Stero	10-Apr-87	CAL	EPA 601	< 0.5	< 0.5	< 1	0.6	< 1	< 1
13	12-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
19	26-May-88	MED	EPA 601	2	< 0.5	< 0.5	1	< 0.5	< 0.5
28	20-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
30	11-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
44	22-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Crandell	5-Feb-87	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	5-Feb-87	CAL	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
14	12-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	26-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-1[25]	29-Apr-88	MED	EPA 601	480	120	< 0.5	79	2	< 10
24	28-Sep-88	MED	EPA 601	160	54	< 0.5	23	< 0.5	< 2
	20-Jan-89	MED	EPA 601	56	13	< 0.5	7	< 0.5	< 0.5
	19-May-89	MED	EPA 601	130	47	< 0.5	12	< 0.5	< 0.5
36	20-Sep-89	MED	EPA 8010	320	120	< 0.5	20	< 0.5	< 0.5
	19-Jan-90	MED	EPA 8010	120	110	< 0.5	18	< 0.5	< 0.5
48	30-Apr-90	MED	EPA 8010	100	80	< 0.5	12	< 0.5	< 0.5
duplicate[49]	30-Apr-90	MED	EPA 8010	91	59	< 0.5	9	< 0.5	< 0.5
53	28-Aug-90	MED	EPA 8010	110	85	< 0.5	15	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	70	52	< 0.5	8	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	49	37	< 0.5	5	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	94	83	< 0.5	6	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	16	14	< 0.5	1	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	18	18	< 0.5	1	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	10	11	< 0.5	0.7	< 0.5	< 0.5
	15-Apr-93	QUA	EPA8010	11	30	< 0.5	0.8	< 0.5	< 0.5
	26-Jul-93	AEN	EPA8010	6	19	< 0.5	0.7	< 0.5	< 0.5
	29-Oct-93	1							
	29-Dec-93	AEN	EPA8010	18	43	< 0.5	2	< 0.5	< 0.5
	13-Apr-94	AEN	EPA8010	9	31	< 0.5	< 0.5	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	4	11	< 0.5	< 0.5	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	2	3	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	3	11	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-95	AEN	EPA8010	4	41	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	5	25	< 0.5	< 0.5	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	0.6	2	< 0.5	< 0.5	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	2	4	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	2.6	8.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	3.4	21	< 0.5	< 0.5	< 0.5	< 0.5
	4-Nov-96	AEN	EPA8010	0.7	1.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jun-97		EPA8010	2.1	22	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	2.2	25	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-2[26]	29-Apr-88	MED	EPA 601	830	31	< 0.5	460	5	< 0.5
	28-Sep-88	MED	EPA 601	110	11	< 0.5	43	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	51	5	< 0.5	22	< 0.5	< 0.5
	19-May-89	MED	EPA 601	68	36	< 0.5	22	< 0.5	< 0.5
	20-Sep-89	MED	EPA 8010	210	110	0.6	31	< 0.5	< 0.5
	22-Jan-90	MED	EPA 8010	41	28	< 0.5	11	< 0.5	< 0.5
	30-Apr-90	MED	EPA 8010	10	2	< 0.5	3	< 0.5	< 0.5
54	28-Aug-90	MED	EPA 8010	90	63	0.6	20	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	84	54	< 0.5	15	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	58	45	< 0.5	9	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	27	10	< 0.5	3	< 0.5	< 0.5
	26-Jun-92	QUA	EPA8010	50	53	< 0.5	14	< 0.5	< 0.5
	26-Jun-92	EPA	EPA8010	26	34	< 0.5	9	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	6	1	< 0.5	3	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	8	5	< 0.5	2	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	15-Apr-93	QUA	EPA8010	30	21	< 0.5	9	< 0.5	< 0.5
	26-Jul-93	AEN	EPA8010	5	3	< 0.5	1	< 0.5	< 0.5
	28-Oct-93	AEN	EPA8010	8	7	< 0.5	2	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	5	4	< 0.5	0.6	< 0.5	< 0.5
61	14-Apr-94								
	25-Jul-94	AEN	EPA8010	21	16	< 0.5	2	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	5	4	< 0.5	0.5	< 0.5	< 0.5
	26-Apr-95	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	11	8	< 0.5	2	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	2	2	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	11	8.7	< 0.5	1.1	< 0.5	< 0.5
	9-Jul-96	AEN	EPA8010	5.7	4.3	< 0.5	< 0.5	< 0.5	< 0.5
	4-Nov-96	AEN	EPA8010	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jun-97		EPA8010	9.4	10	< 0.5	0.8	< 0.5	< 0.5
	11-Sep-97		EPA8010	3.5	3.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	5.2	13	< 0.5	< 0.5	< 0.5	< 0.5
E-3	28-Apr-88	MED	EPA 601	90	8	< 0.5	41	1	< 10
duplicate	28-Apr-88	MED	EPA 601	96	8	< 0.5	44	0.9	< 10
	28-Sep-88	MED	EPA 601	110	13	< 0.5	43	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	81	14	< 0.5	34	< 0.5	< 0.5
	19-May-89	MED	EPA 601	130	34	< 0.5	35	< 0.5	9
	20-Sep-89	MED	EPA 8010	110	9	< 0.5	16	< 0.5	2
	22-Jan-90	MED	EPA 8010	53	12	< 0.5	11	< 0.5	0.8
	1-May-90	MED	EPA 8010	72	21	< 0.5	15	< 0.5	0.7
	28-Aug-90	MED	EPA 8010	38	9	< 0.5	6	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	58	18	< 0.5	9	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	45	13	< 0.5	7	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	37	7	< 0.5	2	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	33	17	< 0.5	3	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	30	12	< 0.5	3	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	38	21	< 0.5	4	< 0.5	0.6
	15-Apr-93	QUA	EPA8010	24	15	< 0.5	2	< 0.5	< 0.5
	26-Jul-93	AEN	EPA8010	18	11	< 0.5	1	< 0.5	< 0.5
	28-Oct-96	AEN	EPA8010	21	18	< 0.5	2	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	52	39	< 0.5	3	< 0.5	0.5
	14-Apr-94	AEN	EPA8010	130	130	1	9	1	6
	25-Jul-94	AEN	EPA8010	20	15	< 0.5	0.7	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	13	9	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	61							
	26-Apr-95	AEN	EPA8010	9	10	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	24	23	< 0.5	0.8	< 0.5	0.7
	23-Oct-95	AEN	EPA8010	24	28	< 0.5	< 0.5	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	9	10	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	5.4	8.6	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	35	43	< 0.5	< 0.5	< 0.5	0.6
	4-Nov-96	AEN	EPA8010	15	19	< 0.5	1.1	< 0.5	< 0.5
	18-Jun-97		EPA8010	7.6	10	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	9	11	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	15	18	< 0.5	< 0.5	< 0.5	< 0.5
	8-Apr-03	CTBERK	EPA 8260B	4.2	3.8	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	3.6	2.9	< 0.5	< 0.5	< 0.5	< 5.0
	17-May-04	C&T	EPA 8260B	4.8	3.5	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	1.8	1.4	< 0.5	< 0.5	< 0.5	< 5.0
	3-May-05	C&T	EPA 8260B	0.9	1	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	2.0	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	6-Jun-06	C&T	EPA 8260B	1.9	1.4	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	6-Jun-06	C&T	EPA 8260B	2.0	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	2.2	2.3	< 0.5	< 0.5	< 0.5	< 5.0

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	11-Apr-07	C&T	EPA 8260B	1.8	2.3	< 0.5	< 0.5	< 0.5	< 5.0
**	5-Jul-07								
E-4	28-Apr-88	MED	EPA 601	41	71	< 0.5	15	< 0.5	< 1
	28-Sep-88	MED	EPA 601	50	90	< 0.5	14	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	31	61	< 0.5	10	< 0.5	< 0.5
	17-May-89	MED	EPA 601	39	58	< 0.5	10	< 0.5	< 0.5
	20-Sep-89	MED	EPA 8010	68	79	< 0.5	11	< 0.5	< 0.5
43	22-Jan-90	MED	EPA 8010	32	63	< 0.5	7	< 0.5	< 0.5
50	1-May-90	MED	EPA 8010	33	66	< 0.5	7	< 0.5	< 0.5
	28-Aug-90	MED	EPA 8010	32	75	< 0.5	6	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	33	69	< 0.5	5	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	32	69	< 0.5	4	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	28	41	< 0.5	1	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	29	77	< 0.5	2	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	22	64	< 0.5	3	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	20	57	< 0.5	2	< 0.5	< 0.5
	15-Apr-93	QUA	EPA8010	18	67	< 0.5	1	< 0.5	< 0.5
	26-Jul-93	AEN	EPA8010	17	75	0.6	1	< 0.5	< 0.5
	28-Oct-93	AEN	EPA8010	10	50	< 0.5	< 0.5	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	19	60	< 0.5	1	< 0.5	< 0.5
	14-Apr-94	AEN	EPA8010	15	63	< 0.5	0.6	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	22	68	< 0.5	0.6	< 0.5	< 0.5
	6-Oct-94	AEN	EPA8010	13	57	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	15	66	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-95	AEN	EPA8010	11	56	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	11	47	< 0.5	< 0.5	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	7	39	< 0.5	< 0.5	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	8	43	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	7.2	34	< 0.5	< 0.5	< 0.5	< 0.5
	9-Jul-96	AEN	EPA8010	4.8	31	< 0.5	< 0.5	< 0.5	< 0.5
	5-Nov-96	AEN	EPA8010	4.2	24	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jun-97		EPA8010	3.7	22	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	3.7	24	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	0.6	5.8	< 0.5	< 0.5	< 0.5	< 0.5
E-5	28-Apr-88	MED	EPA 601	14	2	< 0.5	10	3	< 1
	28-Sep-88	MED	EPA 601	24	3	< 0.5	19	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	24	2	< 0.5	18	< 0.5	0.9
	16-May-89	MED	EPA 601	26	4	< 0.5	12	< 0.5	< 0.5
	20-Sep-89	MED	EPA 8010	55	6	< 0.5	18	< 0.5	< 0.5
	19-Jan-90	MED	EPA 8010	20	5	< 0.5	10	< 0.5	< 0.5
	1-May-90	MED	EPA 8010	26	6	< 0.5	10	< 0.5	< 0.5
	27-Aug-90	MED	EPA 8010	23	4	< 0.5	9	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	37	10	< 0.5	8	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	18	6	< 0.5	5	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	27	4	< 0.5	3	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	16	8	< 0.5	2	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	15	6	< 0.5	3	< 0.5	< 0.5
	21-Dec-92	QUA	EPA8010	14	7	< 0.5	2	< 0.5	< 0.5
	13-Apr-93	QUA	EPA8010	17	9	< 0.5	2	< 0.5	< 0.5
	29-Oct-93	AEN	EPA8010	11	6	< 0.5	2	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	14	8	< 0.5	2	< 0.5	< 0.5
	11-Apr-94	AEN	EPA8010	11	5	< 0.5	1	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	14	5	< 0.5	1	< 0.5	< 0.5
	4-Oct-94	AEN	EPA8010	11	6	< 0.5	2	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	11	6	< 0.5	< 0.5	< 0.5	< 0.5
	28-Apr-95	AEN	EPA8010	7	4	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	8	5	< 0.5	0.7	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	14	8	< 0.5	0.7	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	8	5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	6.7	4.8	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	5.9	3.3	< 0.5	< 0.5	< 0.5	< 0.5
	4-Nov-96	AEN	EPA8010	5.7	3.3	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	18-Jun-97		EPA8010	10	4	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	11	3.7	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA8010	9.7	3.1	< 0.5	< 0.5	< 0.5	< 0.5
	16-Oct-98		EPA8010	12	3.7	< 0.5	< 0.5	< 0.5	< 1.0
	17-Mar-99		EPA8260A(8010)	13	3.7	< 0.5	< 0.5	< 0.5	< 1.0
	23-Sep-99		EPA8260A(8010)	15	4.3	< 0.5	< 0.5	< 0.5	< 5.0
	12-Apr-00		EPA8260B	12	3.7	< 0.5	< 0.5	< 0.5	< 5.0
	8-Sep-00	C&T	EPA8260B	12	3.5	< 0.5	< 0.5	< 0.5	< 5.0
	21-Nov-00	C&T	EPA8260B	10	3.6	< 0.5	< 0.5	< 0.5	< 5.0
64	21-Nov-00	CLI	EPA8260A	6.5	2.9	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	13	4.5	< 0.5	< 0.5	< 0.5	< 5.0
	19-Oct-01	C&T	EPA 8260B	8.3	3.4	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	5.1	2.2	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	16-Apr-02	C&T	EPA 8260B	6.4	2.4	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	C&T	EPA 8260B	9.3	3.3	< 0.5	< 0.5	< 0.5	< 5.0
	8-Apr-03	CTBERK	EPA 8260B	7.2	2.9	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	7.1	3.4	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	22-Oct-03	C&T	EPA 8260B	6.9	3.3	< 0.5	< 0.5	< 0.5	< 5.0
	17-May-04	C&T	EPA 8260B	5.1	2.2	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	4.5	1.8	< 0.5	< 0.5	< 0.5	< 5.0
	3-May-05	C&T	EPA 8260B	3.7	1.8	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	5.6	2	< 0.5	< 0.5	< 0.5	< 5.0
	6-Jun-06	C&T	EPA 8260B	3.3	1.5	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	4.7	1.9	< 0.5	< 0.5	< 0.5	< 5.0
	11-Apr-07	C&T	EPA 8260B	2.8	1.1	< 0.5	< 0.5	< 0.5	< 5.0
duplicate	11-Apr-07	C&T	EPA 8260B	2.7	1.1	< 0.5	< 0.5	< 0.5	< 5.0
**	5-Jul-07								
E-6	28-Sep-88	MED	EPA 601	26	1	< 0.5	20	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	15	< 0.5	< 0.5	13	< 0.5	< 0.5
	19-May-89	MED	EPA 601	17	0.6	< 0.5	11	< 0.5	< 0.5
	20-Sep-89	MED	EPA 8010	37	1	< 0.5	17	< 0.5	< 0.5
	19-Jan-90	MED	EPA 8010	20	3	< 0.5	15	< 0.5	< 0.5
	26-Apr-90	MED	EPA 8010	23	3	< 0.5	12	< 0.5	< 0.5
	27-Aug-90	MED	EPA 8010	17	2	< 0.5	8	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	20	4	< 0.5	7	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	15	3	< 0.5	7	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	15	0.8	< 0.5	3	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	8	2	< 0.5	4	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	12	3	< 0.5	6	< 0.5	< 0.5
	21-Dec-92	61							
	13-Apr-93	61							
	26-Jul-93	AEN	EPA8010	7	3	< 0.5	2	< 0.5	< 0.5
	29-Oct-93	AEN	EPA8010	7	3	< 0.5	2	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	10	4	< 0.5	2	< 0.5	< 0.5
	11-Apr-94	AEN	EPA8010	6	2	< 0.5	1	< 0.5	< 0.5
	22-Jul-94	AEN	EPA8010	5	2	< 0.5	0.7	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	8	3	< 0.5	0.7	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	5	2	< 0.5	< 0.5	< 0.5	< 0.5
	28-Apr-95	AEN	EPA8010	3	1	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	5	2	< 0.5	0.7	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	5	1	< 0.5	< 0.5	< 0.5	< 0.5
	2-Jan-96	AEN	EPA8010	6	5	< 0.5	< 0.5	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	4	1	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	3.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	2.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5
	4-Nov-96	AEN	EPA8010	3	1.2	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jun-97		EPA8010	2.6	1.4	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	2.4	1	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA8010	2.9	0.6	< 0.5	< 0.5	< 0.5	< 0.5
**	8-Apr-04								
E-7	29-Sep-88	MED	EPA 601	23	7	< 0.5	13	< 0.5	< 0.5
	29-Sep-88	FIR	EPA 601	56	4.6	< 0.5	7.2	< 0.5	NR

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	29-Sep-88	NET	EPA 624	< 2.8	< 4.7	< 2.8	< 3.8	< 1.9	NR
	20-Jan-89	MED	EPA 601	5	< 0.5	< 0.5	1	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	4	1	< 0.5	1	< 0.5	< 0.5
	19-May-89	MED	EPA 601	3	0.6	< 0.5	< 0.5	< 0.5	< 0.5
	20-Sep-89	MED	EPA 8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Jan-90	MED	EPA 8010	0.7	0.6	< 0.5	< 0.5	< 0.5	< 0.5
	1-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	1-May-90	MED	EPA 8010	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5
	27-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	2	0.8	< 0.5	< 0.5	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	21-Dec-92	QUA	EPA8010	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5
	13-Apr-93	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Jul-93	AEN	EPA8010	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5
	29-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	1	1	< 0.5	< 0.5	< 0.5	< 0.5
	11-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Jul-94	AEN	EPA8010	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5
	3-Oct-94	AEN	EPA8010	0.6	1	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	28-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	61							
	23-Oct-95	61							
	3-Jan-96	AEN	EPA8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jun-97		EPA8010	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	19-Oct-01	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	16-Apr-02	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	8-Oct-02	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	22-Oct-03	C&T	EPA 8260B	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	< 5.0
	16-Nov-04	C&T	EPA 8260B	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	< 5.0
	20-Oct-05	C&T	EPA 8260B	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	< 5.0
	26-Oct-06	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
**	5-Jul-07								
E-8	28-Apr-88	MED	EPA 601	10	1	< 0.5	9	< 0.5	< 1
	29-Sep-88	MED	EPA 601	9	< 0.5	< 0.5	9	< 0.5	< 0.5
	20-Jan-89	MED	EPA 601	21	< 0.5	< 0.5	10	< 0.5	2
	17-May-89	MED	EPA 601	10	< 0.5	< 0.5	4	< 0.5	< 0.5
	19-Sep-89	MED	EPA 8010	12	< 0.5	< 0.5	3	< 0.5	< 0.5
	17-Jan-90	MED	EPA 8010	4	< 0.5	< 0.5	2	< 0.5	< 0.5
	1-May-90	MED	EPA 8010	4	< 0.5	< 0.5	1	< 0.5	< 0.5
	27-Aug-90	MED	EPA 8010	3	< 0.5	< 0.5	1	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	1	< 0.5	< 0.5	0.6	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Jun-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	21-Dec-92	QUA	EPA8010	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	13-Apr-93	61							
	29-Oct-93	61							
	29-Dec-93	61							
	11-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Jul-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3-Oct-94	AEN	EPA8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	61							
	27-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	17-Aug-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5
	3-Jan-96	61							
	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-9	27-Apr-88	MED	EPA 601	90	0.7	< 0.5	9	< 0.5	< 2
	30-Sep-88	MED	EPA 601	8	< 0.5	< 0.5	6	< 0.5	< 1
	20-Jan-89	MED	EPA 601	13	< 0.5	< 0.5	8	< 0.5	2
	16-May-89	MED	EPA 601	11	< 0.5	< 0.5	6	< 0.5	< 0.5
	19-Sep-89	MED	EPA 8010	16	< 0.5	< 0.5	6	< 0.5	< 0.5
	17-Jan-90	MED	EPA 8010	7	< 0.5	< 0.5	4	< 0.5	< 0.5
	1-May-90	MED	EPA 8010	7	< 0.5	< 0.5	3	< 0.5	< 0.5
	27-Aug-90	MED	EPA 8010	4	< 0.5	< 0.5	2	< 0.5	< 0.5
	18-Dec-90	MED	EPA 8010	6	< 0.5	< 0.5	2	< 0.5	< 0.5
	15-Apr-91	QUA	EPA8010	3	< 0.5	< 0.5	3	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Jun-92	QUA	EPA8010	4	< 0.5	< 0.5	1	< 0.5	< 0.5
	26-Jun-92	EPA	EPA8010	5	34	< 0.5	1	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	21-Dec-92	QUA	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	13-Apr-93	QUA	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Jul-93	AEN	EPA8010	2	< 0.5	< 0.5	0.7	< 0.5	< 0.5
	29-Oct-93	AEN	EPA8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	2	< 0.5	< 0.5	0.5	< 0.5	< 0.5
	11-Apr-94	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Jul-94	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Oct-94	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Apr-95	AEN	EPA8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4-Nov-96	AEN	EPA8010	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Jun-97		EPA8010	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA8010	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-10	23-Apr-92	QUA	EPA624	35	< 5	< 5	< 5	< 5	NA
	23-Apr-92	EPA	EPA8010	37	3	< 0.5	1	< 0.5	< 0.5
	26-Jun-92	QUA	EPA8010	44	5	< 0.5	2	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	130	33	< 0.5	9	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	28	10	< 0.5	2	< 0.5	< 0.5
	13-Apr-93	61							
	26-Jul-93	AEN	EPA8010	94	53	1	6	< 0.5	1
	29-Oct-93	61							
	29-Dec-93	61							
	11-Apr-94	61							
	25-Jul-94	AEN	EPA8010	44	33	0.5	1	< 0.5	0.6
	7-Oct-94	AEN	EPA8010	53	36	< 0.5	0.9	< 0.5	0.9
	7-Mar-95	AEN	EPA8010	19	15	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-95	AEN	EPA8010	16	14	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	25	22	< 0.5	0.7	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	26	25	< 0.5	< 0.5	< 0.5	< 0.5
	5-Jan-96	AEN	EPA8010	6	5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	61							
	8-Jul-96	AEN	EPA8010	7.9	10	< 0.5	< 0.5	< 0.5	< 0.5
	5-Nov-96	AEN	EPA8010	13	11	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	18-Jun-97		EPA8010	3.3	5.6	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	5.7	11	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	0.7	1.8	< 0.5	< 0.5	< 0.5	< 0.5
**	6-Apr-04								
E-11	23-Apr-92	QUA	EPA624	12	< 5	< 5	< 5	< 5	NA
	23-Apr-92	EPA	EPA8010	11	4	< 0.5	2	< 0.5	< 0.5
	26-Jun-92	QUA	EPA8010	13	5	< 0.5	2	< 0.5	< 0.5
	24-Sep-92	QUA	EPA8010	3	1	< 0.5	0.6	< 0.5	< 0.5
	21-Dec-92	QUA	EPA8010	4	2	< 0.5	1	< 0.5	< 0.5
	13-Apr-93	QUA	EPA8010	4	3	< 0.5	0.7	< 0.5	< 0.5
	26-Jul-93	AEN	EPA8010	4	3	< 0.5	0.8	< 0.5	< 0.5
	29-Oct-93	AEN	EPA8010	5	2	< 0.5	< 0.5	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	5	3	< 0.5	0.8	< 0.5	< 0.5
	11-Apr-94	AEN	EPA8010	4	2	< 0.5	< 0.5	< 0.5	< 0.5
	22-Jul-94	AEN	EPA8010	4	2	< 0.5	< 0.5	< 0.5	< 0.5
	4-Oct-94	AEN	EPA8010	4	3	< 0.5	0.6	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
	27-Apr-95	AEN	EPA8010	2	1	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	2	1	< 0.5	< 0.5	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	3	1.8	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	61		61					
	5-Nov-96			61					
	20-Jun-97		EPA8010	29	59	< 0.5	0.8	< 0.5	< 0.5
	24-Sep-97		EPA8010	5.8	2.6	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	3.9	1.8	< 0.5	< 0.5	< 0.5	< 0.5
**	8-Apr-04								
E-12	24-Sep-92	QUA	EPA8010	10	0.7	< 0.5	5	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	11	2	< 0.5	4	< 0.5	< 0.5
	13-Apr-93	QUA	EAP8010	7	1	< 0.5	2	< 0.5	< 0.5
	26-Jul-93	AEN	EAP8010	4	0.6	< 0.5	1	< 0.5	0.5
	27-Oct-93	AEN	EAP8010	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	29-Dec-93	61							
	11-Apr-94	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	22-Jul-94	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3-Oct-94	AEN	EPA8010	3	< 0.5	< 0.5	0.8	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Apr-95	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	4	< 0.5	< 0.5	0.5	< 0.5	< 0.5
	3-Jan-96	AEN	EPA8010	3	2	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	5-Nov-96	AEN	EPA8010	3.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jun-97		EPA8010	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-13	23-Sep-92	QUA	EPA8010	3	< 0.5	< 0.5	2	< 0.5	< 0.5
	22-Dec-92	QUA	EPA8010	4	< 0.5	< 0.5	2	< 0.5	< 0.5
	13-Apr-93	61							
	26-Jul-93	AEN	EPA8010	1	< 0.5	< 0.5	0.5	< 0.5	< 0.5
	28-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	29-Dec-93	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Apr-94	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Jul-94	AEN	EPA8010	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3-Oct-94	AEN	EPA8010	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Aug-95	AEN	EPA8010	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	4-Jan-96	AEN	EPA8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SOLA CITY	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PZ-1	18-May-89	MED	EPA 601	4	16	< 0.5	0.8	< 0.5	< 0.5
	10-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PZ-2	18-May-89	MED	EPA 601	21	7	< 0.5	6	< 0.5	< 0.5
	9-Jun-98		EPA8010	1.4	3.7	< 0.5	< 0.5	< 0.5	< 0.5
PZ-3	18-May-89	MED	EPA 601	3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	11-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PZ-4	9-Jun-98		EPA8010	4.1	4.1	< 0.5	< 0.5	< 0.5	< 0.5
PZ-5	16-May-89	MED	EPA 601	18	2	< 0.5	0.5	< 0.5	< 0.5
	9-Jun-98		EPA8010	1	1.3	< 0.5	< 0.5	< 0.5	< 0.5
duplicate	9-Jun-98		EPA8010	1.1	1.4	< 0.5	< 0.5	< 0.5	< 0.5
PZ-6	9-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PZ-7	11-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PZ-8	16-May-89	MED	EPA 601	14	0.5	< 0.5	7	< 0.5	< 0.5
	9-Jun-98		EPA8010	4.3	3.1	< 0.5	< 0.5	< 0.5	< 0.5
PZ-9	9-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PZ-10	16-May-89	MED	EPA 601	7	< 0.5	< 0.5	6	< 0.5	< 0.5
	10-Jun-98		EPA8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PZ-11	10-Jun-98		EPA8010	2.7	1.2	< 0.5	< 0.5	< 0.5	< 0.5
PZ-12	15-Jun-98		EPZ8010	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FIELD BLANKS									
	7-Aug-87	MED	EPA 624	< 5	< 5	< 5	< 5	< 5	NR
15	12-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	14-Aug-87	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
	18-Aug-87	MED	EPA 601	< 0.5	0.8	< 0.5	< 0.5	< 0.5	NR
W29	13-Jan-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NR
LF-17	12-Jan-88	MED	EPA 601	0.9	< 0.5	< 0.5	< 0.5	< 0.5	NR
W14	12-Jan-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-1	29-Apr-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-4	25-May-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-14	2-Jun-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-1	28-Sep-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-9	28-Sep-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W28	30-Sep-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-9	30-Sep-88	MED	EPA 601	8	< 0.5	< 0.5	6	< 0.5	< 1
LF-16	18-Oct-88	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-13	10-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W27	17-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W15B	19-May-89	MED	EPA 601	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W33[37]	20-Sep-89	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-12[38]	18-Sep-89	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-16[39]	18-Sep-89	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
LF-18	19-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W14	22-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-24	19-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NR
LF-28	20-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NR
LF-23	23-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NR
LF-25	23-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NR
LF-26	23-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NR
LF-21	21-Apr-90	MED	EPA 8240	< 5	< 5	< 5	< 5	< 5	NR
LF-12	27-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-23	30-Apr-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-27	3-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-7	4-May-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-3	31-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-4	30-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-6	10-Sep-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-17	29-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-16	20-Dec-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-7-FB	16-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-23-FB	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-22-FB	18-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-19-FB	24-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-9-FB	14-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-27A-FB	15-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-16-FB	16-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-28-FB	19-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-3-FB	20-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-13-FB	25-Jun-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
E-11-FB	26-Jun-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W33-FB	22-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-15-FB	23-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-2-FB	24-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-14-FB	22-Dec-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-25-FB	13-Apr-93	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13-FB	15-Apr-93	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-25-FB	27-Jul-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-14-FB	26-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-25-FB	27-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-33-FB	28-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-2-FB	29-Dec-93	AEN	EPA8010	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-26-FB	30-Dec-93	AEN	EPA8010	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-26-FB	12-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-28-FB	25-Jul-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-15-FB	5-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-22-FB	7-Mar-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13-FB	26-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-26-FB	25-Aug-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-26-FB	25-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-26-FB	26-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13-FB	27-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-22-FB	5-Jan-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-26-FB	26-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-25-FB	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13-FB	8-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-14-FB	11-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-24-FB	5-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-4-FB	13-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-33-FB	16-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-16-FB	17-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-3-FB	18-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-25-FB	19-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-28-FB	20-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W33-FB	9-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-6-FB	10-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
W-28-FB	9-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
LF-16-FB	10-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-25-FB	16-Oct-98	(63)	EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0
W-14-FB	17-Mar-99		EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0
W-19-FB	23-Sep-99		EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	12-Apr-00		EPA8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
LF-26FB	8-Sep-00	C&T	EPA8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27FB	2-Apr-01	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
EX-7-FB	19-Oct-01	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27FB	16-Apr-02	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-14FB	8-Oct-02	CTBERK	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
FB040803	8-Apr-03	CTBERK	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
LF-2FB	22-Oct-03	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	17-May-04	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
LF-2-B	16-Nov-04	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
5-03-05-B	3-May-05	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-25-FB	20-Oct-05	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
EB 060606	6-Jun-06	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-25-FB	26-Oct-06	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-25-FB	11-Apr-07	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	19-Oct-07	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	4-Apr-08	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	29-Sep-08	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	15-May-09	(65)	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
W-27-FB	25-Jul-12	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0
TRIP BLANKS									
TB	17-Jan-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	28-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	31-Aug-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-90	MED	EPA 8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	26-Apr-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	14-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Aug-91	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Jun-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Sep-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Dec-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Dec-92	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Apr-93	QUA	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Jul-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	21-Oct-93	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	23-Dec-93	AEN	EPA8010	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Apr-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Jul-94	AEN	EPA8010	< 0.5	< 0.5	0.7	< 0.5	< 0.5	< 0.5
	4-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Oct-94	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	7-Mar-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	28-Apr-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	18-Aug-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Oct-95	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	2-Jan-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	25-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	27-Mar-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jul-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	1-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California

All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113
	12-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	13-Nov-96	AEN	EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	20-Jun-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	10-Sep-97		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	15-Jun-98		EPA8010	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	17-Mar-99		EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	21-Nov-00	CLI	EPA8260A(8010)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	2-Apr-01	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
	25-Jul-12	C&T	EPA 8260B	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0

Data updated by AAV. Proofed by .

Notes:

1,1-DCE = 1,1-Dichloroethene
1,1-DCA = 1,1-Dichloroethane
1,2-DCA = 1,2-Dichloroethane
1,1,1-TCA = 1,1,1-Trichloroethane
TCE = Trichloroethene
* = Samples preserved with HCL.
** = Well destroyed.
NR = Not Reported
NA = Not Analyzed

Analytical Laboratories:
C&T = Curtis & Tompkins, Ltd., Berkeley, California.
M-T = Multi-Tech Laboratories, Inc., Santa Rosa, California.
CAL = California Analytical Laboratories, Inc., Sacramento, California.
B&C = Brown and Caldwell Laboratories, Emeryville, California.
MED = Med-Tox Associates, Inc., Pleasant Hill, California.
FIR = Fireman's Fund Environmental Laboratory, Petaluma, California.
NET = National Environmental Testing, Inc., Santa Rosa, California.
EPA = U.S. Environmental Protection Agency. Split sample collected by EPA and analyzed by EPA contract laboratory.
AEN = American Environmental Network (formerly Quanteq).
QUA = Quanteq Labs (formerly Med-Tox, Pleasant Hill, California).
CLI = Chromalab, Inc.

1 1,1,2-Trichlorethane and Toluene detected at concentrations below the reporting limits.
2 Toluene detected at a concentration below the reporting limit.
3 1,1,2-Trichloroethane detected at a concentration below the reporting limit.
4 Chloroethane and Methylene Chloride detected at concentrations below the reporting limits.
5 Toluene detected at a concentration below the reporting limit.
6 Chloroform detected at 0.002 ppm, Bromodichloromethane detected at 0.0025 ppm, and Dibromochloromethane detected at 0.0022 ppm.
7 Chloroform detected at 0.001 ppm and Bromodichloromethane detected at 0.0009 ppm.
8 Samples were collected by Multi-Tech personnel for the City of Petaluma.
9 Dibromochloromethane detected at 0.001 ppm.
10 Dibromochloromethane detected at 0.001 ppm.
11 Tetrachloroethene detected at 0.001 ppm.
12 Dibromochloromethane detected at 0.0009 ppm.
13 Bromodichloromethane detected at 0.002 ppm, Chloroform detected at 0.002 ppm, Bromoform detected at 0.002 ppm, Dibromochloromethane detected at 0.002 ppm, Tetrachloroethene detected at 0.002 ppm, and Trans-1,2-Dichloroethene detected at 0.0007 ppm.
14 Tetrachloroethene detected at 0.001 ppm.
15 Tetrachloroethene detected at 0.0007 ppm.
16 Tetrachloroethene detected at 0.0007 ppm.
17 Tetrachloroethene detected at 0.0006 ppm.
18 Tetrachloroethene detected at 0.0005 ppm.
19 Chloroform detected at 0.0005 ppm.
20 Trans-1,2-Dichloroethene detected at 0.002 ppm.
21 Trans-1,2-Dichloroethene detected at 0.002 ppm.
22 1,1,2-Trichloroethane detected at 0.001 ppm.

Table A-2
Historical Groundwater-Quality Data
Primary VOCs (1986-Present)
Former Sola Optical U.S.A., Inc., Facility, Petaluma, California
All concentrations expressed in micrograms per liter (µg/L)

Well ID	Sample Date	Lab	Method	1,1-DCE	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	Freon 113

23 Chlorobenzene detected at 0.002 ppm and 1,1,2-Trichloroethane detected at 0.0008 ppm.
24 1,2-Dichloropropane detected at 0.0006 ppm.
25 1,1,2-Trichloroethane detected at 0.001 ppm.
26 1,1,2-Trichloroethane detected at 0.002 ppm.
27 Dibromochloromethane detected at 0.001 ppm and Tetrachloroethene detected at 0.0008 ppm.
28 Bromodichloromethane detected at 0.005 ppm, Bromoform detected at 0.0005 ppm, Chloroform detected at 0.005 ppm and Dibromochloroethane detected at 0.004 ppm.
29 Dichlorodifluoromethane detected at 0.0007 ppm.
30 Bromoform detected at 0.002 ppm.
31 Trichlorofluromethane detected at 0.005 ppm.
32 Chloroform detected at 0.001 ppm, Tetrachloroethene detected at 0.002 ppm, 1,1,2-Trichloroethane detected at 0.002 ppm and Trichlorofluormethane detected at 0.003 ppm.
33 Chloroform detected at 0.001 ppm, Tetrachloroethene detected at 0.002 ppm, 1,1,2-Trichloroethane detected at 0.002 ppm and Trichlorofluormethane detected at 0.003 ppm.
34 Chloroform detected at 0.001 ppm, Tetrachloroethene detected at 0.002 ppm, 1,1,2-Trichloroethane detected at 0.002 ppm and Trichlorofluormethane detected at 0.003 ppm.
35 Trichlorofluormethane detected at 0.003 ppm.
36 Trichlorofluormethane detected at 0.003 ppm.
37 Chloroform detected at 0.002 ppm.
38 Chloroform detected at 0.002 ppm.
39 Chloroform detected at 0.002 ppm.
40 Trichlorofluoromethane detected at 0.003 ppm, chlorofluoromethane detected at 0.003 ppm.
41 Trichlorofluoromethane detected at 0.001 ppm, chlorofluoromethane detected at 0.001 ppm.
42 Chloroform detected at 0.0006 ppm, Methylene Chloride detected at 0.0008 ppm.
43 Trichlorofluoromethane detected at 0.001 ppm.
44 Bromodichloromethane detected at 0.006 ppm, Bromoform detected at 0.002 ppm, Chloroform detected at 0.003 ppm and Dibromochloromethane detected at 0.007 ppm.
45 Chloroform, 1,1,2-TCA, PCE, and Freon 11 detected at 0.007, 0.003, 0.002, and 0.004 ppm, respectively.
46 Chloroform, 1,1,2-TCA, PCE, and Freon 11 detected at 0.001, 0.003, 0.002, and 0.003 ppm, respectively.
47 Freon 11 detected at 0.009 ppm.
48 Freon 11 detected at 0.0009 ppm.
49 Freon 11 detected at 0.001 ppm.
50 Freon 11 detected at 0.0007 ppm.
51 Chloroform detected at 0.0009 ppm, PCE detected at 0.001 ppm, 1,1,2 TCA detected at 0.002 ppm, and Freon 11 detected at 0.002 ppm.
52 Freon 11 detected at 0.0007 ppm.
53 Methylene Chloride detected at 0.0006 ppm.
54 Methylene Chloride detected at 0.0006 ppm.
55 Toluene detected at 0.003 ppm.
56 Toluene detected at 0.003 ppm.
57 Toluene detected at 0.017 ppm.
58 Methylene Chloride detected at 0.0051 ppm.
59 PCE detected at 0.0009 ppm, 1,1,2 TCA detected at 0.0002 ppm.
60 PCE detected at 0.0008 ppm, 1,1,2 TCA detected at 0.0007 ppm.
61 Extraction wells were inoperative due to various problems and consequently, were not sampled.
62 This sample was inadvertently spiked by the laboratory, invalidating the sample.
63 Chloroform detected at 1.7 µg/l
64 Sampled by Environ Environmental.
65 Chloroform detected at 0.8 µg/l.

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APPENDIX B

Mann-Kendall Trend Analysis for 1,1-DCA in W-27

Mann Kendall Trend Analysis

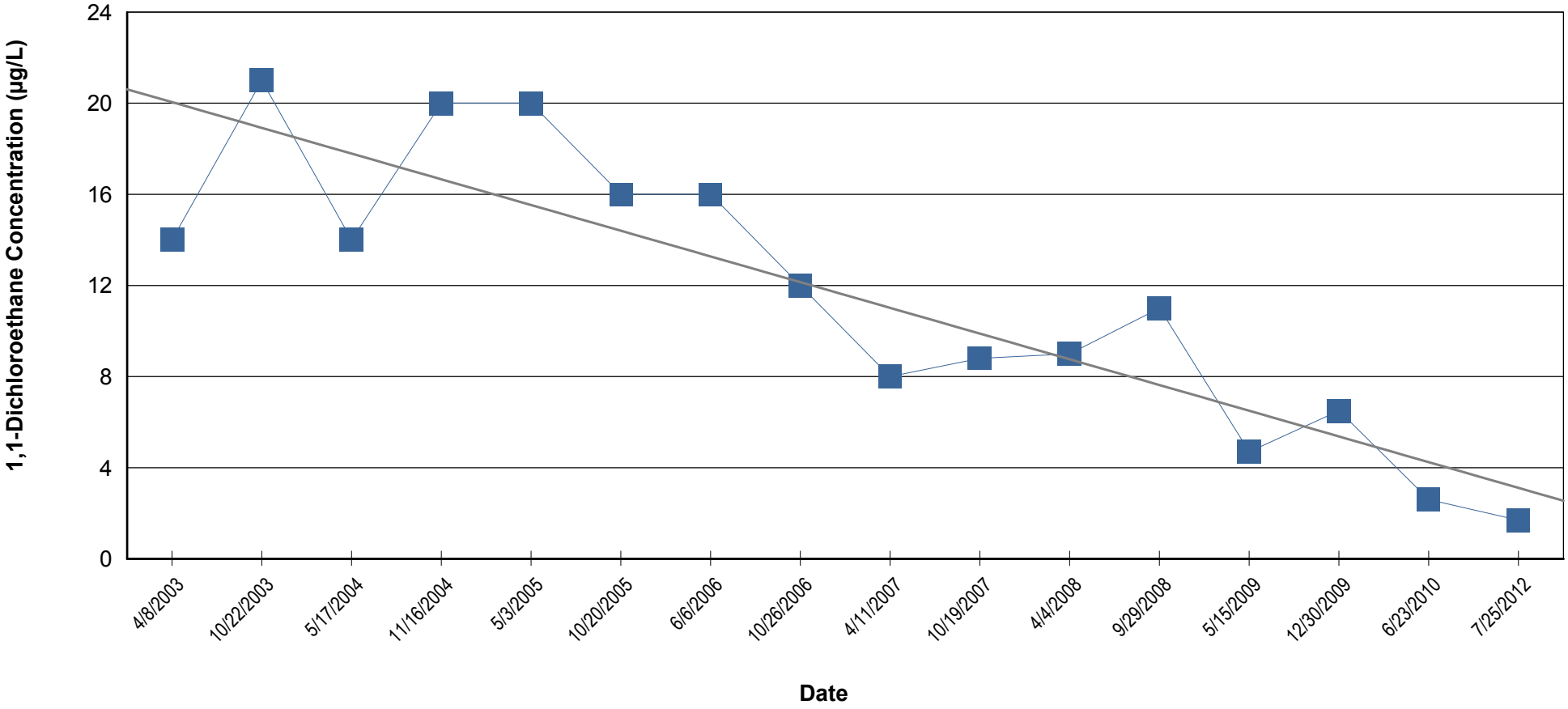
Report Description: 1,1-Dichloroethane

Former Sola Optical U.S.A., Inc., Facility

Well	Samples	Non-Detects	S Statistic	80% Trend	90% Trend	95% Trend
W-27	16	0	-85	Decreasing	Decreasing	Decreasing

1,1-Dichloroethane

Mann Kendall Trend Analysis

Results for 1,1-Dichloroethane

Well	Samples	Non-Detects	S Statistic	80% Trend	90% Trend	95% Trend
W-27	16	0	-85	Decreasing	Decreasing	Decreasing