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September 24, 2001

Via FedEx Airbill No. 7916 6914 1440

Ms. Karen Baker
California Environmental Protection Agency
Department of Toxic Substances Control
Southern California Region
5796 Corporate Avenue
Cypress, California 90630

#3279, no analytical

OCT 03 2001

Re: **Quarterly Progress Report**
June through August 2001
Safety-Kleen Systems, Inc., Service Center
400 Market Street
Oakland, California
EPA ID No. CAD 053044053

Dear Ms. Baker:

On behalf of Safety-Kleen Systems, Inc. (Safety-Kleen), SECOR International Incorporated (SECOR) is submitting three copies of this Quarterly Progress Report for your review for the period of June through August 2001, for the facility located at 400 Market Street in Oakland, California (Figure 1 – Attachment 1). This Quarterly Progress Report has been prepared in accordance with Section IV of the Hazardous Waste Facility Permit and presents the activities conducted during the third quarter 2001 (June through August). The Quarterly Progress Report is separated into two sections presented below: (1) activities performed during the third quarter 2001, and (2) activities to be performed during the fourth quarter 2001.

Activities Performed During Third Quarter 2001 – June through August 2001

On July 27, 2001, all accessible monitoring wells were monitored for depth-to-water using a water-level indicator calibrated to 0.01-foot. The depth-to-water measurements were used with well survey data to prepare a groundwater potentiometric surface map (Figure 2 - Attachment 1). Field data sheets that include depth-to-water measurements are provided in Attachment 2. Groundwater elevations and depth-to-water measurements for the July 27, 2001 event are presented on Table 1 in Attachment 3. The average water-table elevation was 1.99 feet above mean sea level (amsl), a decrease of 0.27 feet since the May 2001 event, which is consistent with historical data.

As shown on Figure 2 in Attachment 1, the on- and off-site groundwater flow direction remains to the south-southwest. The hydraulic gradient was 0.004 feet/foot (ft/ft) across the site as measured between monitoring wells MW-2 and MW-4 . Flow direction and hydraulic gradient are consistent with previous data for the site. A summary of groundwater elevations since January 1993 is provided as Table 2 in Attachment 3.

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Activities To Be Performed During Fourth Quarter 2001 – September through November 2001

The following items will be completed during the fourth quarter 2001:

- Measure depth to groundwater in each of the site monitoring wells in October. If no sheen is present on the water table in the well, it will be sampled and analyzed for TPHms and for VOCs.
- Collect additional data to evaluate the effectiveness of the in-situ chemical oxidation pilot study.
- Prepare a quarterly progress report incorporating the sampling data from the October, 2001 sampling event.

If you have any questions or require any additional information, please contact Sharon Halper with Safety-Kleen at (707) 748-7507 or Greg Hoehn with SECOR at (925) 686-9780.

Sincerely,
SECOR International Incorporated

Melissa Graff

Melissa Graff
Staff Geologist




Thomas W. Crosby

Thomas W. Crosby, C.E.G., C.Hg.
Principal Engineering Geologist

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Department of Toxic Substances Control
September 24, 2001
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CERTIFICATION STATEMENT
Quarterly Progress Report
Safety-Kleen Systems, Inc. Service Center
400 Market Street
Oakland, California
EPA ID No. CAD 053044053

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Sharon Halper
Remediation Project Manager – Western Region
Safety-Kleen Systems, Inc.

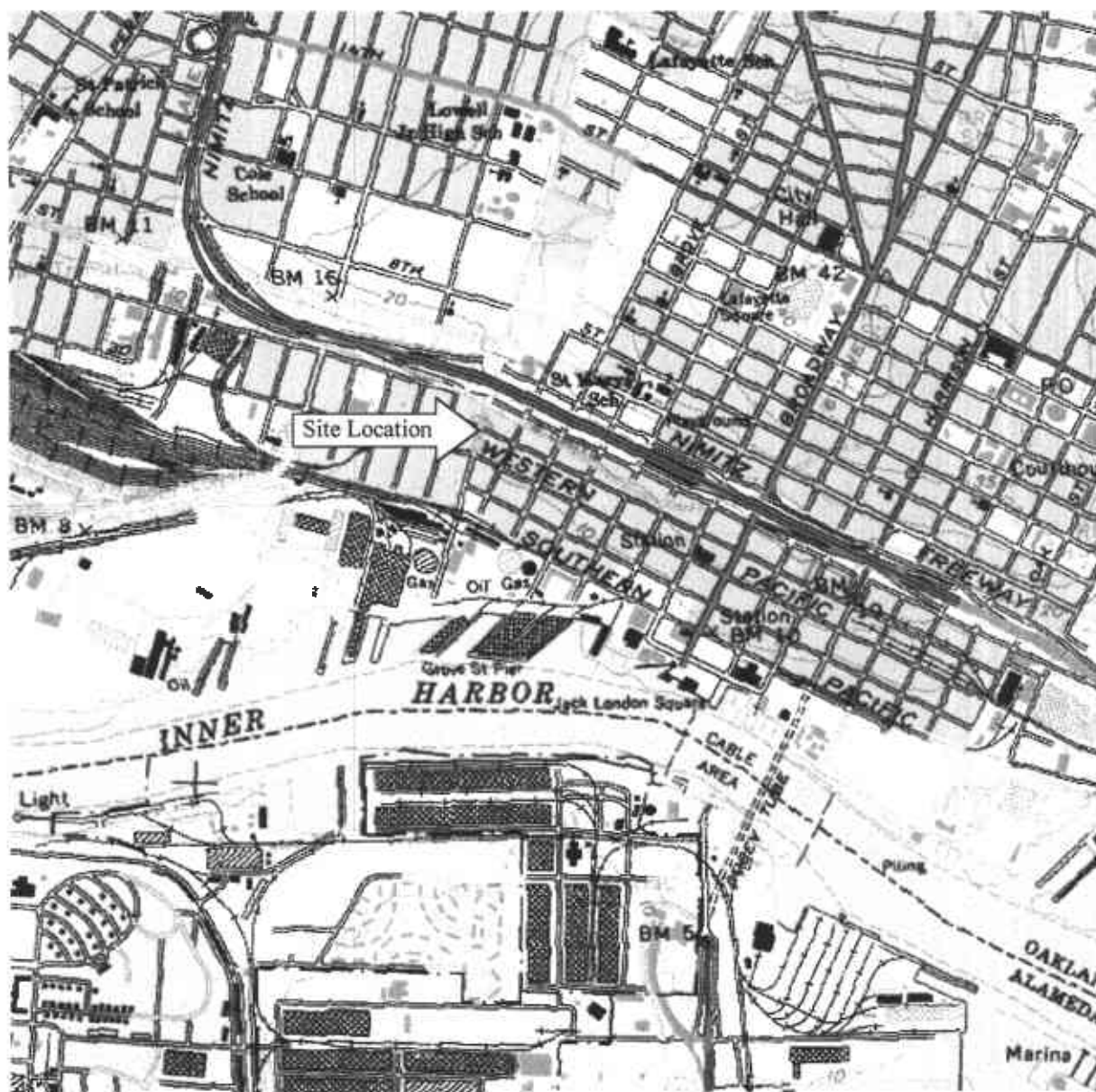
9/28/01

Date

Attachments

cc: Steven LuQuire, Safety-Kleen
Heather Collins, Safety-Kleen
Branch Environmental File (999)
Larry Seto, Alameda County Environmental Health Services
Betty Graham, California Regional Water Quality Control Board

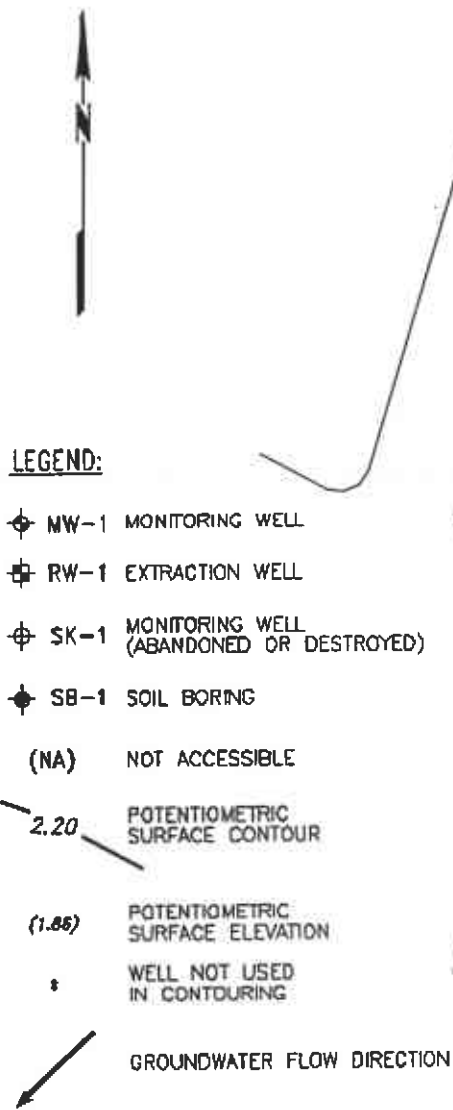
OAKLAND WEST QUADRANGLE
 California
 7.5 Minute Series (Topographic)



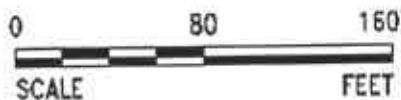
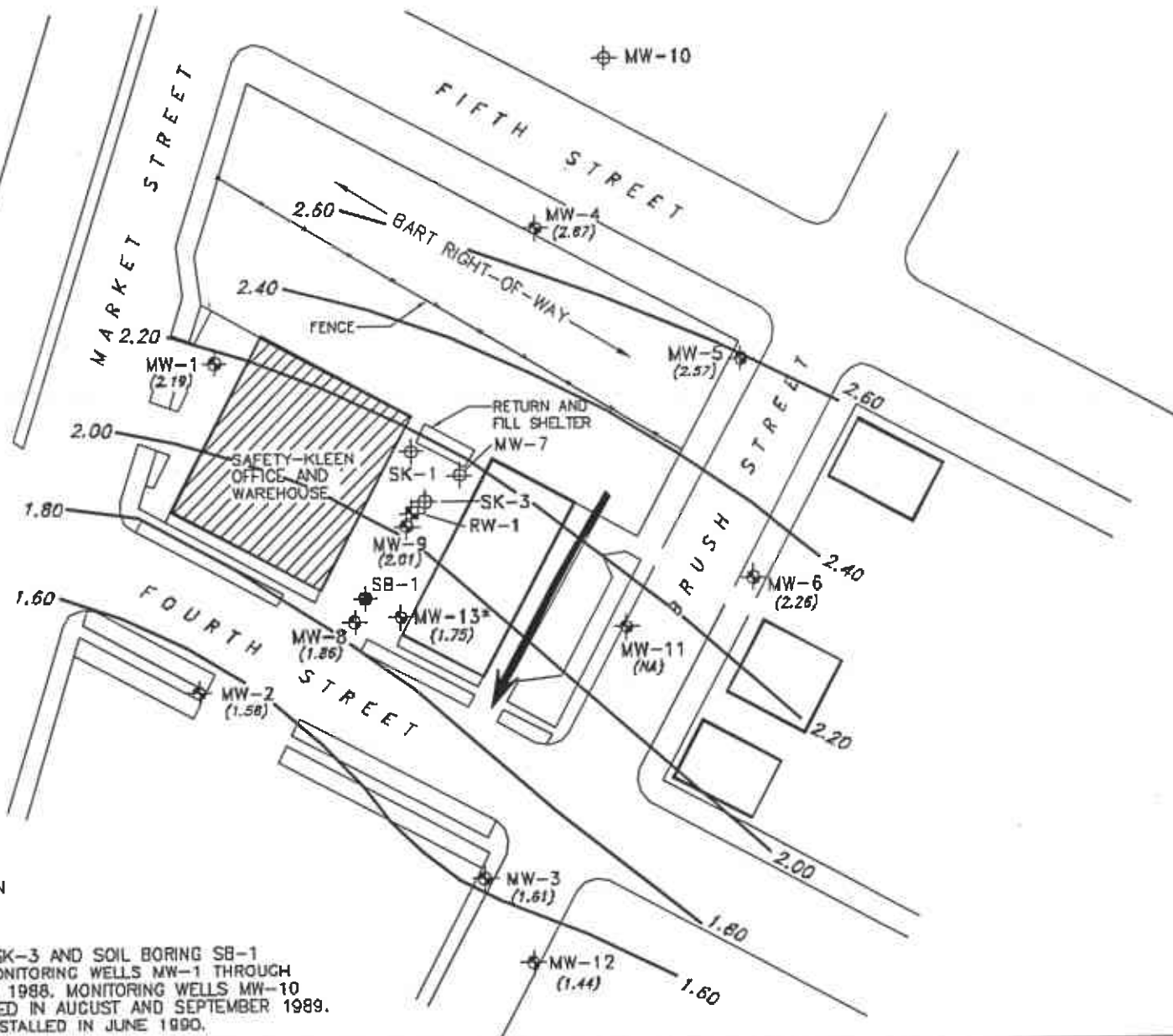
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Drafted by: NM	Checked by: GH	Safety-Kleen Service Center 400 Market Street Oakland, California	Figure 1	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
Prep. Date: 12/19/00	Rev. Date: 12/19/00		Site Location Map	
Client Name: Safety-Kleen Systems Inc.				



NOTES: MONITORING WELLS SK-1 AND SK-3 AND SOIL BORING SB-1 WERE DRILLED IN MAY 1986. MONITORING WELLS MW-1 THROUGH MW-9 WERE INSTALLED IN JULY 1988. MONITORING WELLS MW-10 THROUGH MW-13 WERE INSTALLED IN AUGUST AND SEPTEMBER 1989. EXTRACTION WELL RW-1 WAS INSTALLED IN JUNE 1990.



SECOR
International
Incorporated

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APPR	RH
DATE	1 JUN 99
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FIGURE 2
SAFETY-KLEEN SERVICE CENTER
400 MARKET STREET
OAKLAND, CALIFORNIA
GROUNDWATER POTENTIOMETRIC SURFACE MAP
JULY 27, 2001

HYDROLOGIC DATA SHEET

SAFETY-KLEEN SYSTEMS, INC

400 MARKET STREET

OAKLAND, CALIFORNIA

PROJECT NO.: 007.50915

DATE: 7-27-01

START TIME: 11:00

END TIME: 12:00

COLLECTED BY: C. Melancon

WELL ID	Well Diameter (inches)	Top Of Casing Elevation (ft msl)	Depth To Water (feet)	Depth To Product (feet)	Product Thickness (feet)	Total Depth (feet)	Adjusted Groundwater Elevation (ft msl)
MW-1	2	7.99	5.80				2.19
MW-2	2	8.20	6.64				1.56
MW-3	2	6.66	5.05				1.61
MW-4	2	10.32	7.65				2.67
MW-5	2	10.28	7.71				2.57
MW-6	2	8.97	6.71				2.26
MW-8	2	7.80	5.94				1.86
MW-9	4	8.21	6.20	Slight screen			2.01
MW-11	2	7.91	NM	car over well			—
MW-12	2	6.74	5.30				1.44
MW-13	4	8.08	6.33				1.75
RW-1	10	-	5.13				

Notes:

**Table 1
Groundwater Monitoring Data
July 27, 2001**

**Safety-Kleen Systems, Inc. Service Center
400 Market Street
Oakland, California**

Well I.D.	TOC Elevation (ft msl)	DTW (ft)	DTP (ft)	PT (ft)	Adjusted Elevation (ft msl)
MW-1	7.99	5.80	-	-	2.19
MW-2	8.20	6.64	-	-	1.56
MW-3	6.66	5.05	-	-	1.61
MW-4	10.32	7.65	-	-	2.67
MW-5	10.28	7.71	-	-	2.57
MW-6	8.97	6.71	-	-	2.26
MW-7*	-	-	-	-	-
MW-8	7.80	5.94	-	-	1.86
MW-9	8.21	6.20	-	-	2.01
MW-10**	-	-	-	-	-
MW-11	7.91	NM	-	-	-
MW-12	6.74	5.30	-	-	1.44
MW-13	8.08	6.33	-	-	1.75
RW-1	-	5.13	-	-	-

Notes:

- * Well destroyed in May 1990.
- ** Well destroyed in July 1995.

TOC = Top-of-casing
 DTW = Depth-to-water
 DTP = Depth-to-product
 PT = Product thickness
 ft msl = Feet relative to mean sea level
 NM = Not measured (due to car over well)

Table 2
Historical Summary of Groundwater Elevations
(in feet relative to mean sea level)

Safety-Kleen Systems, Inc. Service Center
 400 Market Street
 Oakland, California

Date	Well Identification											
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
01/20/93	1.29	1.00	0.86	1.57	1.48	1.27	1.08	1.15	1.73	1.16	0.44	0.58
04/20/93	1.09	0.51	0.38	1.52	1.42	1.08	0.74	0.95	1.85	0.90	0.10	0.40
07/20/93	0.27	-0.23	-0.27	0.68	0.62	0.37	-0.01	-0.68	0.99	0.20	-0.72	-0.15
10/20/93	-0.02	-0.51	-0.66	0.32	0.17	-0.12	-0.35	0.14	0.62	-0.22	-0.91	-0.57
01/19/94	-0.01	-0.52	-0.77	0.33	0.48	-0.10	-0.37	-0.49	0.60	-0.14	-1.05	-0.65
04/20/94	0.55	0.05	-0.09	0.85	0.74	0.46	0.22	0.33	-	0.34	-0.76	-0.09
07/19/94	0.25	-0.20	-0.31	0.62	0.55	0.23	-0.03	0.08	0.90	0.09	-0.70	-0.22
10/19/94	0.08	-0.33	-0.44	0.41	0.38	0.12	-0.15	0.01	-	0.01	-0.59	-0.33
01/04/95	1.95	1.53	1.64	2.41	2.49	2.24	1.79	1.85	-	2.06	1.44	1.33
04/10/95	3.09	2.46	2.49	3.71	3.73	3.42	2.79	2.95	-	3.18	2.22	1.98
07/11/95	2.04	1.53	1.53	2.54	2.50	2.26	1.76	1.93	-	2.01	1.33	1.53
10/12/95	1.38	0.94	1.01	1.81	1.27	1.56	1.15	1.32	-	1.42	0.94	1.06
01/09/96	1.82	1.40	0.64	2.21	2.21	2.04	1.61	1.54	-	1.85	-	1.51
04/02/96	2.81	2.40	2.46	3.33	3.36	3.17	2.58	2.51	-	2.91	2.24	2.38
07/01/96	2.16	1.70	1.75	2.67	2.63	2.35	1.90	1.93	-	2.18	-	1.84

Table 2
Historical Summary of Groundwater Elevations
(in feet relative to mean sea level)

Safety-Kleen Systems, Inc. Service Center
 400 Market Street
 Oakland, California

Date	Well Identification											
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
11/01/96	1.09	0.70	0.75	1.47	1.47	1.18	0.90	0.86	-	-	-	0.78
01/17/97	2.89	2.39	2.58	3.48	3.52	3.34	2.70	2.57	-	-	-	2.50
04/10/97	2.43	1.89	1.99	2.92	2.86	2.53	2.18	2.19	-	2.45	1.71	1.99
07/17/97	1.70	1.19	1.25	2.15	2.12	1.86	1.44	1.29	-	-	1.12	1.35
10/08/97	1.40	0.94	0.97	1.79	1.76	1.51	1.16	1.35	-	-	0.84	1.06
01/12/98	3.02	2.99	3.12	3.45	3.49	3.34	2.89	2.63	-	3.15	2.50	2.48
04/13/98	3.92	3.20	3.43	4.77	4.50	4.17	3.63	3.91	-	3.91	3.08	3.37
07/21/98	2.79	2.15	2.13	3.37	3.37	3.05	2.50	2.71	-	2.85	2.21	2.35
10/12/98	2.28	1.68	1.79	2.97	2.90	2.55	2.04	1.47	-	2.33	1.72	1.93
01/22/99	2.30	1.78	2.06	2.81	2.82	2.51	2.10	1.88	-	2.41	1.71	1.76
04/14/99	3.15	2.49	2.78	3.75	3.75	3.49	2.86	3.01	-	3.24	2.33	2.59
07/06/99	2.21	1.64	1.76	2.72	2.72	2.40	1.94	1.41	-	2.24	1.71	1.81
10/08/99	1.81	1.27	1.35	2.35	2.26	1.98	1.57	1.75	-	1.80	1.21	1.44
02/23/00	3.37	2.84	2.76	3.99	3.44	3.66	3.08	3.29	-	3.41	--	2.74
04/26/00	3.27	2.52	2.63	3.90	3.81	3.44	2.95	3.12	-	3.23	2.43	2.60

Table 2
Historical Summary of Groundwater Elevations
(in feet relative to mean sea level)

Safety-Kleen Systems, Inc. Service Center
 400 Market Street
 Oakland, California

Date	Well Identification											
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
07/24/00	2.62	--	2.06	3.17	3.08	2.74	2.28	2.44	-	2.57	--	2.16
10/12/00	2.16	1.54	1.58	2.59	2.48	2.16	1.79	1.97	-	2.01	1.35	1.74
01/15/01	2.41	1.77	1.99	2.82	2.75	2.44	2.13	2.22	-	2.31	--	1.80
05/02/01	2.90	2.16	2.24	3.46	3.38	3.04	2.54	2.74	-	2.83	2.01	2.37
07/27/01	2.19	1.56	1.61	2.67	2.57	2.26	1.86	2.01	-	-	1.44	1.75

Notes:

Groundwater elevations are in feet relative to mean sea-level datum.

- = Not measured