

Table 6-2
Ground Water Elevations
Hookston Station Remedial Investigation
Pleasant Hill, California

Location	Date	Screen Interval (ft bgs)	Top of Casing Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Ground Water Elevation (feet)
<i>Shallow Monitoring Wells</i>						
MW-01	4/25/1990	10-20	64.52	15.07	--	49.45
	5/8/1990	10-20	64.52	15.22	--	49.30
	5/17/1990	10-20	64.52	15.33	--	49.19
	3/19/1991	10-20	64.52	14.69	--	49.83
	1/21/1992	10-20	64.52	16.04	--	48.48
	4/2/1993	10-20	64.52	13.46	--	51.06
	9/9/1993	10-20	64.52	16.26	--	48.26
	9/16/1993	10-20	64.52	15.42	--	49.10
	11/17/1995	10-20	64.52	15.29	--	49.23
	6/29/2000	10-20	64.52	14.79	--	49.73
	3/12/2001	10-20	64.52	14.24	--	50.28
	6/27/2001	10-20	64.52	15.37	--	49.15
	9/18/2001	10-20	64.52	15.90	--	48.62
	12/20/2001	10-20	64.52	14.38	--	50.14
	3/20/2002	10-20	64.52	14.47	--	50.05
	6/2/2002	10-20	64.52	15.04	--	49.48
	9/24/2002	10-20	64.52	15.65	--	48.87
	11/14/2002	10-20	64.52	15.43	--	49.09
	2/19/2003	10-20	64.52	14.1	--	50.42
	5/6/2003	10-20	64.52	13.91	--	50.61
	7/22/2003	10-20	64.52	15.01	--	49.51
	10/24/2003	10-20	65.06	15.62	--	49.44
	3/10/2004	10-20	65.06	13.95	--	51.11
	4/19/2004	10-20	65.06	14.49	--	50.57
	7/30/2004	10-20	65.06	15.28	--	49.78
MW-02	4/25/1990	11-21	68.48	17.43	--	51.05
	5/8/1990	11-21	68.48	17.69	--	50.79
	5/17/1990	11-21	68.48	17.82	--	50.66
	3/19/1991	11-21	68.48	17.02	--	51.46
	1/21/1992	11-21	68.48	18.39	--	50.09
	4/1/1993	11-21	68.48	15.19	--	53.29
	11/17/1995	11-21	68.48	17.76	--	50.72
	6/27/2001	11-21	68.48	NM	--	--
	9/18/2001	11-21	68.48	NM	--	--
	12/20/2001	11-21	68.48	NM	--	--
	3/20/2002	11-21	68.48	NM	--	--
	6/2/2002	11-21	68.48	NM	--	--
	9/24/2002	11-21	68.48	NM	--	--
	11/14/2002	11-21	68.48	NM	--	--
	2/19/2003	11-21	68.48	NM	--	--
	5/6/2003	11-21	68.48	NM	--	--
	7/22/2003	11-21	68.48	NM	--	--
	10/24/2003	11-21	68.48	NM	--	--
	3/10/2004	11-21	68.48	NM	--	--

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Location	Date	Screen Interval (ft bgs)	Top of Casing Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Ground Water Elevation (feet)
MW-03	4/25/1990	10-20	65.20	16.40	--	48.80
	5/8/1990	10-20	65.20	16.54	--	48.66
	5/17/1990	10-20	65.20	16.64	--	48.56
	3/19/1991	10-20	65.20	16.02	--	49.19
	1/21/1992	10-20	65.20	17.33	--	47.87
	4/2/1993	10-20	65.20	15.02	--	50.18
	9/9/1993	10-20	65.20	16.69	--	48.51
	9/16/1993	10-20	65.20	16.71	--	48.49
	11/17/1995	10-20	65.20	16.42	--	48.78
	6/29/2000	10-20	65.20	15.64	--	49.56
	3/12/2001	10-20	65.20	15.08	--	50.12
	6/27/2001	10-20	65.20	16.11	--	49.09
	9/18/2001	10-20	65.20	16.58	--	48.62
	12/20/2001	10-20	65.20	15.46	--	49.74
	3/20/2002	10-20	65.20	15.38	--	49.82
	6/2/2002	10-20	65.20	15.87	--	49.33
	9/24/2002	10-20	65.20	16.35	--	48.85
	11/14/2002	10-20	65.20	16.19	--	49.01
	2/19/2003	10-20	65.20	15.12	--	50.08
	5/6/2003	10-20	65.20	NM	--	--
	7/22/2003	10-20	65.20	NM	--	--
	10/24/2003	10-20	65.20	NM	--	--
	3/10/2004	10-20	65.56	14.94	--	50.62
	4/19/2004	10-20	65.56	15.75	--	49.81
	7/30/2004	10-20	65.56	16.49	--	49.07
MW-04	4/25/1990	11-21	64.67	15.93	--	48.74
	5/8/1990	11-21	64.67	16.04	--	48.63
	5/17/1990	11-21	64.67	16.13	--	48.54
	3/19/1991	11-21	64.67	15.65	--	49.02
	1/21/1992	11-21	64.67	16.90	0.03	47.77
	4/2/1993	11-21	64.67	15.01	0.34	49.93
	9/9/1993	11-21	64.67	16.87	0.34	47.80
	9/16/1993	11-21	64.67	16.34	0.39	48.33
	11/17/1995	11-21	64.67	16.23	0.33	48.44
	6/29/2000	11-21	64.67	15.57	--	49.10
	3/12/2001	11-21	64.67	15.15	--	49.52
	6/27/2001	11-21	64.67	13.83	--	50.84
	9/18/2001	11-21	64.67	16.23	--	48.44
	12/20/2001	11-21	64.67	15.42	0.01	49.25
	3/20/2002	11-21	64.67	15.29	--	49.38
	6/2/2002	11-21	64.67	15.70	0.01	48.97
	9/24/2002	11-21	64.67	15.99	0.01	48.68
	11/14/2002	11-21	64.67	15.91	0.01	48.76
	2/19/2003	11-21	64.67	15.09	0.01	49.58
	5/6/2003	11-21	64.67	14.94	0.01	49.73
	7/22/2003	11-21	64.67	15.61	0.01	49.06
	10/24/2003	11-21	64.95	16.05	0.01	48.90
	3/10/2004	11-21	64.95	14.95	--	50.00
	4/19/2004	11-21	64.95	15.33	--	49.62
	7/30/2004	11-21	64.95	15.79	--	49.16

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Location	Date	Screen Interval (ft bgs)	Top of Casing Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Ground Water Elevation (feet)
MW-05	3/19/1991	10-30	68.60	17.52	--	51.08
	1/21/1992	10-30	68.60	18.89	--	49.71
	4/1/1993	10-30	68.60	15.72	--	52.88
	9/16/1993	10-30	68.60	18.36	--	50.24
	11/17/1995	10-30	68.60	18.24	--	50.36
	6/28/2000	10-30	68.60	16.65	--	51.95
	3/12/2001	10-30	68.60	15.90	--	52.70
	6/27/2001	10-30	68.60	17.48	--	51.12
	9/18/2001	10-30	68.60	18.15	--	50.45
	12/20/2001	10-30	68.60	17.78	--	50.82
	3/20/2002	10-30	68.60	16.26	--	52.34
	6/2/2002	10-30	68.60	17.10	--	51.50
	9/24/2002	10-30	68.60	18.05	--	50.55
	11/14/2002	10-30	68.60	17.75	--	50.85
	2/19/2003	10-30	68.60	15.91	--	52.69
	5/6/2003	10-30	68.60	15.47	--	53.13
	7/22/2003	10-30	68.60	16.99	--	51.61
	10/24/2003	10-30	68.58	17.89	--	50.69
	3/10/2004	10-30	68.58	15.57	--	53.01
	4/19/2004	10-30	68.58	16.30	--	52.28
	7/30/2004	10-30	68.58	17.58	--	51.00
MW-06	3/19/1991	15-35	72.82	19.69	--	53.13
	1/21/1992	15-35	72.82	20.84	--	51.98
	4/1/1993	15-35	72.82	17.25	--	55.57
	9/16/1993	15-35	72.82	20.64	--	52.18
	11/17/1995	15-35	72.82	20.02	--	52.80
	6/28/2000	15-35	72.82	18.50	--	54.32
	3/12/2001	15-35	72.82	17.30	--	55.52
	6/27/2001	15-35	72.82	19.29	--	53.53
	9/18/2001	15-35	72.82	21.50	--	51.32
	12/20/2001	15-35	72.82	18.27	--	54.55
	3/20/2002	15-35	72.82	17.71	--	55.11
	6/2/2002	15-35	72.82	18.67	--	54.15
	9/24/2002	15-35	72.82	19.81	--	53.01
	11/14/2002	15-35	72.82	19.60	--	53.22
	2/19/2003	15-35	72.82	17.22	--	55.60
	5/6/2003	15-35	72.82	16.95	--	55.87
	7/22/2003	15-35	72.82	18.60	--	54.22
	10/24/2003	15-35	72.80	19.65	--	53.15
	3/10/2004	15-35	72.80	16.89	--	55.91
	4/19/2004	15-35	72.80	17.65	--	55.15
	7/30/2004	15-35	72.80	19.38	--	53.42

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Location	Date	Screen Interval (ft bgs)	Top of Casing Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Ground Water Elevation (feet)
MW-07	8/25/1993	15-35	65.09	17.54	--	47.55
	9/9/1993	15-35	65.09	17.05	--	48.04
	9/16/1993	15-35	65.09	16.56	--	48.53
	11/17/1995	15-35	65.09	16.46	--	48.63
	6/29/2000	15-35	65.09	15.68	--	49.41
	3/12/2001	15-35	65.09	15.29	--	49.80
	6/27/2001	15-35	65.09	16.11	--	48.98
	9/18/2001	15-35	65.09	16.45	--	48.64
	12/20/2001	15-35	65.09	15.58	--	49.51
	3/20/2002	15-35	65.09	15.46	--	49.63
	6/2/2002	15-35	65.09	15.88	--	49.21
	9/24/2002	15-35	65.09	16.31	--	48.78
	11/14/2002	15-35	65.09	16.15	--	48.94
	2/19/2003	15-35	65.09	15.26	--	49.83
	5/6/2003	15-35	65.09	15.08	--	50.01
	7/22/2003	15-35	65.09	15.75	--	49.34
	10/24/2003	15-35	65.18	16.25	--	48.93
	3/10/2004	15-35	65.18	15.03	--	50.15
MW-08A	4/19/2004	15-35	65.18	15.44	--	49.74
	7/30/2004	15-35	65.18	16.04	--	49.14
	10/9/2003	10-25	66.80	16.98	--	49.82
	3/10/2004	10-25	66.80	15	--	51.80
MW-11A	4/19/2004	10-25	66.80	15.69	--	51.11
	7/30/2004	10-25	66.80	16.75	--	50.05
	10/9/2003	10-25	70.05	18.80	--	51.25
	3/10/2004	10-25	70.05	15.35	--	54.70
MW-12A	4/19/2004	10-25	70.05	16.12	--	53.93
	7/30/2004	10-25	70.05	17.72	--	52.33
	10/9/2003	10-25	70.13	--	--	--
	3/10/2004	10-25	70.13	15.45	--	54.68
MW-13A	4/19/2004	10-25	70.13	16.22	--	53.91
	7/30/2004	10-25	70.13	18.45	--	51.68
	10/9/2003	18-33	67.67	17.06	--	50.61
	3/10/2004	18-33	67.67	14.62	--	53.05
MW-14A	4/19/2004	18-33	67.67	15.50	--	52.17
	7/30/2004	18-33	67.67	16.80	--	50.87
	3/10/2004	29-34	64.71	14.62	--	50.09
	4/19/2004	29-34	64.71	15.58	--	49.13
MW-15A	7/30/2004	29-34	64.71	16.63	--	48.08
	3/10/2004	14.5-24.5	63.68	14.72	--	48.96
	4/19/2004	14.5-24.5	63.68	15.67	--	48.01
	7/30/2004	14.5-24.5	63.68	16.41	--	47.27
MW-16A	3/10/2004	15-25	61.15	14.11	--	47.04
	4/19/2004	15-25	61.15	15.52	--	45.63
	7/30/2004	15-25	61.15	16.35	--	44.80

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Location	Date	Screen Interval (ft bgs)	Top of Casing Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Ground Water Elevation (feet)
MW-17A	3/10/2004	20.7-30.7	64.61	21.90	--	42.71
	4/19/2004	20.7-30.7	64.61	22.91	--	41.70
	7/30/2004	20.7-30.7	64.61	23.41	--	41.20
MW-18A	3/10/2004	14.7-24.7	69.10	17.35	--	51.75
	4/19/2004	14.7-24.7	69.10	18.48	--	50.62
	7/30/2004	14.7-24.7	69.10	19.81	--	49.29
MW-19A	3/10/2004	14-24	67.32	20.30	--	47.02
	4/19/2004	14-24	67.32	21.25	--	46.07
	7/30/2004	14-24	67.32	22.13	--	45.19
MW-20A	3/10/2004	10-20	66.47	11.89	--	54.58
	4/19/2004	10-20	66.47	12.73	--	53.74
	7/30/2004	10-20	66.47	14.19	--	52.28
MW-21A	3/10/2004	10-20	65.81	12.23	--	53.58
	4/19/2004	10-20	65.81	13.00	--	52.81
	7/30/2004	10-20	65.81	14.33	--	51.48
MW-22A	3/10/2004	15-25	64.11	14.51	--	49.60
	4/19/2004	15-25	64.11	14.90	--	49.21
	7/30/2004	15-25	64.11	15.31	--	48.80
MW-23A	7/30/2004	17-27	63.74	18.64	--	45.10
MW-24A	3/15/2004	19.5-29.5	61.04	16.55	--	44.49
	4/19/2004	19.5-29.5	61.04	17.38	--	43.66
	7/30/2004	19.5-29.5	61.04	18.05	--	42.99
MW-25A	7/30/2004	18-28	65.37	23.17	--	42.20
Intermediate Monitoring Wells						
MW-01D	4/27/1993	45-60	66.56	16.37	--	50.19
	9/16/1993	45-60	66.56	18.43	--	48.13
	11/17/1995	45-60	66.56	18.04	--	48.52
	6/29/2000	45-60	66.56	17.02	--	49.54
	3/12/2001	45-60	66.56	16.00	--	50.56
	6/27/2001	45-60	66.56	17.76	--	48.80
	9/18/2001	45-60	66.56	18.20	--	48.36
	12/20/2001	45-60	66.56	16.85	--	49.71
	3/20/2002	45-60	66.56	16.47	--	50.09
	6/2/2002	45-60	66.56	17.29	--	49.27
	9/24/2002	45-60	66.56	18.13	--	48.43
	11/14/2002	45-60	66.56	17.68	--	48.88
	2/19/2003	45-60	66.56	16.19	--	50.37
	5/6/2003	45-60	66.56	15.71	--	50.85
	7/22/2003	45-60	66.56	17.04	--	49.52
MW-08B*	10/24/2003	45-60	66.65	17.92	--	48.73
	3/10/2004	45-60	66.65	15.58	--	51.07
	4/19/2004	45-60	66.65	16.54	--	50.11
	7/30/2004	45-60	66.65	17.74	--	48.91

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Location	Date	Screen Interval (ft bgs)	Top of Casing Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Ground Water Elevation (feet)
MW-02D	8/25/1993	50.5-60.5	61.71	13.45	--	48.26
	9/16/1993	50.5-60.5	61.71	15.42	--	46.29
	11/17/1995	50.5-60.5	61.71	14.78	--	46.93
	6/28/2000	50.5-60.5	61.71	15.01	--	46.70
	3/12/2001	50.5-60.5	61.71	12.94	--	48.77
	6/27/2001	50.5-60.5	61.71	14.43	--	47.28
	9/18/2001	50.5-60.5	61.71	16.10	--	45.61
	12/20/2001	50.5-60.5	61.71	15.00	--	46.71
	3/20/2002	50.5-60.5	61.71	14.02	--	47.69
	6/2/2002	50.5-60.5	61.71	14.93	--	46.78
	9/24/2002	50.5-60.5	61.71	15.74	--	45.97
	11/14/2002	50.5-60.5	61.71	14.93	--	46.78
	2/19/2003	50.5-60.5	61.71	13.6	--	48.11
	5/6/2003	50.5-60.5	61.71	13.54	--	48.17
	7/22/2003	50.5-60.5	61.71	14.93	--	46.78
MW-09B*	10/24/2003	50.5-60.5	61.74	16.16	--	45.58
	3/10/2004	50.5-60.5	61.74	13.14	--	48.60
	4/19/2004	50.5-60.5	61.74	13.97	--	47.77
	7/30/2004	50.5-60.5	61.74	15.58	--	46.16
MW-03D	8/25/1993	40-50	64.10	9.47	--	54.63
	9/16/1993	40-50	64.10	19.49	--	44.61
	11/17/1995	40-50	64.10	19.18	--	44.92
	6/28/2000	40-50	64.10	18.17	--	45.93
	3/12/2001	40-50	64.10	17.09	--	47.01
	6/27/2001	40-50	64.10	18.72	--	45.38
	9/18/2001	40-50	64.10	19.20	--	44.90
	12/20/2001	40-50	64.10	17.87	--	46.23
	3/20/2002	40-50	64.10	17.68	--	46.42
	6/2/2002	40-50	64.10	18.34	--	45.76
	9/24/2002	40-50	64.10	19.08	--	45.02
	11/14/2002	40-50	64.10	18.65	--	45.45
	2/19/2003	40-50	64.10	17.51	--	46.59
	5/6/2003	40-50	64.10	16.95	--	47.15
	7/22/2003	40-50	64.10	18.08	--	46.02
MW10B*	10/24/2003	40-50	64.21	18.87	--	45.34
	3/10/2004	40-50	64.21	16.63	--	47.58
	4/19/2004	40-50	64.21	17.80	--	46.41
	7/30/2004	40-50	64.21	18.61	--	45.60
MW-11B	10/9/2003	40-50	70.22	17.80	--	52.42
	3/10/2004	40-50	70.22	15.35	--	54.87
	4/19/2004	40-50	70.22	16.19	--	54.03
	7/30/2004	40-50	70.22	17.70	--	52.52
MW-12B	10/9/2003	50-60	70.15	19.87	--	50.28
	3/10/2004	50-60	70.15	17.33	--	52.82
	4/19/2004	50-60	70.15	19.09	--	51.06
	7/30/2004	50-60	70.15	19.70	--	50.45

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MW-13B	10/9/2003	45-55	67.61	19.26	--	48.35
	3/10/2004	45-55	67.61	15.82	--	51.79
	4/19/2004	45-55	67.61	16.81	--	50.80
	7/30/2004	45-55	67.61	18.02	--	49.59
MW-14B	3/10/2004	40-50	64.69	14.58	--	50.11
	4/19/2004	40-50	64.69	15.58	--	49.11
	7/30/2004	40-50	64.69	16.68	--	48.01
MW-15B	3/10/2004	49-59	64.23	15.22	--	49.01
	4/19/2004	49-59	64.23	16.23	--	48.00
	7/30/2004	49-59	64.23	17.24	--	46.99
MW-16B	3/10/2004	35-45	61.06	14.35	--	46.71
	4/19/2004	35-45	61.06	15.66	--	45.40
	7/30/2004	35-45	61.06	16.46	--	44.60
MW-17B	3/10/2004	44-54	64.53	21.82	--	42.71
	4/19/2004	44-54	64.53	22.82	--	41.71
	7/30/2004	44-54	64.53	23.31	--	41.22
MW-18B	3/10/2004	32-42	69.27	17.61	--	51.66
	4/19/2004	32-42	69.27	18.71	--	50.56
	7/30/2004	32-42	69.27	20.02	--	49.25
MW-19B	3/10/2004	29-39	66.67	20.16	--	46.51
	4/19/2004	29-39	66.67	21.35	--	45.32
	7/30/2004	29-39	66.67	22.21	--	44.46
MW-20B	3/10/2004	30.5-40.5	66.46	11.87	--	54.59
	4/19/2004	30.5-40.5	66.46	12.70	--	53.76
	7/30/2004	30.5-40.5	66.46	14.12	--	52.34
MW-21B	3/10/2004	29-39	65.88	12.25	--	53.63
	4/19/2004	29-39	65.88	13.02	--	52.86
	7/30/2004	29-39	65.88	14.36	--	51.52
MW-22B	3/10/2004	40-50	64.44	15.56	--	48.88
	4/19/2004	40-50	64.44	16.45	--	47.99
	7/30/2004	40-50	64.44	17.55	--	46.89
MW-23B	7/30/2004	48-58	63.94	19.10	--	44.84
MW-24B	3/15/2004	39.5-49.5	61.09	16.82	--	44.27
	4/19/2004	39.5-49.5	61.09	17.62	--	43.47
	7/30/2004	39.5-49.5	61.09	18.30	--	42.79
MW-25B	7/30/2004	48-58	66.04	24.55	--	41.49
MW-26B	3/10/2004	40-50	63.13	14.95	--	48.18
	4/19/2004	40-50	63.13	16.58	--	46.55
	7/30/2004	40-50	63.13	17.57	--	45.56

Table 6-2
Ground Water Elevations
Hookston Station Remedial Investigation
Pleasant Hill, California

Location	Date	Screen Interval (ft bgs)	Top of Casing Elevation (feet)	Depth to Water (feet)	Product Thickness (feet)	Ground Water Elevation (feet)
<i>Deep Monitoring Wells</i>						
MW-15C	3/10/2004	90-95	64.39	15.5	--	48.89
	4/19/2004	90-95	64.39	16.29	--	48.10
	6/14/2004	90-95	64.39	16.95	--	47.44
	7/30/2004	90-95	64.39	17.45	--	46.94
MW-19C	3/10/2004	70-80	66.86	18.29	--	48.57
	4/19/2004	70-80	66.86	19.40	--	47.46
	6/14/2004	70-80	66.86	20.16	--	46.70
	7/30/2004	70-80	66.86	20.57	--	46.29
MW-23C	6/14/2004	93-103	64.00	17.84	--	46.16
	7/30/2004	93-103	64.00	18.44	--	45.56

Notes

ft bgs = feet below ground surface

NM = not measured

* = MW-01D, MW-02D and MW-03D were renamed MW-08B, MW-09B and MW-10B, respectively, as of October 2003.

The top of casing elevations for wells MW-01, MW-04, MW-05, MW-06, MW-07, MW-08A, MW-08B, MW-09B and MW-10B were resurveyed in October 2003 and new top of casing elevations are now being used.