
Appendix C – Monthly Simulated Flow Budget Tables

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Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
1/31/1985	1	-7.0	28.7	3.0	-24.7
2/28/1985	2	-4.9	27.1	1.7	-23.8
3/31/1985	3	-5.6	30.1	0.7	-25.2
4/30/1985	4	-6.1	39.4	-0.7	-32.6
5/31/1985	5	-4.5	39.7	-1.4	-33.7
6/30/1985	6	-3.6	39.9	-1.3	-35.0
7/31/1985	7	-1.0	34.5	-0.5	-33.0
8/31/1985	8	-0.5	34.7	-0.1	-34.1
9/30/1985	9	-0.1	34.5	0.2	-34.6
10/31/1985	10	0.5	33.8	1.2	-35.5
11/30/1985	11	1.2	45.7	0.0	-47.0
12/31/1985	12	2.1	28.2	2.6	-32.9
1/31/1986	13	1.4	45.5	-0.4	-46.5
2/28/1986	14	-1.5	71.3	-1.7	-68.0
3/31/1986	15	0.8	52.2	-1.5	-51.5
4/30/1986	16	0.5	34.8	-0.8	-34.5
5/31/1986	17	-3.8	49.6	-0.9	-44.8
6/30/1986	18	-3.6	49.7	-0.2	-45.9
7/31/1986	19	0.2	35.6	1.1	-36.8
8/31/1986	20	0.3	35.6	1.2	-37.1
9/30/1986	21	2.0	27.8	1.2	-31.0
10/31/1986	22	1.1	35.0	0.4	-36.5
11/30/1986	23	2.6	25.7	1.6	-29.9
12/31/1986	24	1.0	34.5	0.5	-36.1
1/31/1987	25	2.4	28.4	1.3	-32.1
2/28/1987	26	1.5	28.4	0.4	-30.2
3/31/1987	27	1.9	29.1	0.0	-31.0
4/30/1987	28	-2.0	40.9	-0.2	-38.7
5/31/1987	29	-1.3	41.3	0.7	-40.7
6/30/1987	30	-1.2	41.5	1.4	-41.7
7/31/1987	31	0.5	40.4	3.2	-44.1
8/31/1987	32	0.7	40.7	3.9	-45.3
9/30/1987	33	0.7	40.5	4.3	-45.4
10/31/1987	34	4.7	29.0	6.3	-40.0
11/30/1987	35	3.7	29.0	5.3	-37.9
12/31/1987	36	4.1	38.9	4.3	-47.4
1/31/1988	37	3.8	31.0	3.4	-38.3
2/29/1988	38	1.5	29.3	1.9	-32.7
3/31/1988	39	-0.7	39.0	1.1	-39.4

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay
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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
4/30/1988	40	2.5	33.0	2.4	-37.9
5/31/1988	41	-1.3	40.1	1.2	-40.1
6/30/1988	42	-1.3	40.4	1.7	-40.7
7/31/1988	43	2.3	33.7	3.6	-39.6
8/31/1988	44	2.3	33.7	4.0	-40.0
9/30/1988	45	2.1	33.6	4.0	-39.7
10/31/1988	46	2.5	33.1	4.5	-40.1
11/30/1988	47	3.4	26.3	4.7	-34.5
12/31/1988	48	3.8	34.5	4.2	-42.6
1/31/1989	49	1.1	31.2	4.3	-36.5
2/28/1989	50	2.8	31.7	3.3	-37.8
3/31/1989	51	1.4	28.5	3.6	-33.4
4/30/1989	52	0.1	33.5	3.7	-37.3
5/31/1989	53	0.5	33.7	4.3	-38.5
6/30/1989	54	0.3	34.0	4.5	-38.8
7/31/1989	55	1.2	33.5	4.7	-39.4
8/31/1989	56	1.0	33.5	4.6	-39.2
9/30/1989	57	0.7	33.0	4.5	-38.2
10/31/1989	58	0.8	33.0	4.7	-38.5
11/30/1989	59	0.4	32.1	4.4	-37.0
12/31/1989	60	0.5	33.7	4.5	-38.8
1/31/1990	61	2.0	27.9	4.0	-33.9
2/28/1990	62	0.5	26.4	3.2	-30.2
3/31/1990	63	-1.7	36.4	3.1	-37.8
4/30/1990	64	-1.2	36.3	2.7	-37.8
5/31/1990	65	-0.3	31.2	2.6	-33.4
6/30/1990	66	-0.5	36.1	2.3	-37.9
7/31/1990	67	0.9	33.0	2.1	-35.9
8/31/1990	68	0.6	33.2	1.6	-35.4
9/30/1990	69	0.2	33.6	1.2	-35.1
10/31/1990	70	0.3	34.9	0.8	-36.0
11/30/1990	71	0.1	34.5	0.6	-35.2
12/31/1990	72	0.2	35.0	0.3	-35.5
1/31/1991	73	1.4	27.9	-0.1	-29.2
2/28/1991	74	0.2	28.7	0.6	-29.5
3/31/1991	75	-0.2	84.3	0.2	-84.2
4/30/1991	76	-0.2	32.0	-0.1	-31.7
5/31/1991	77	0.0	31.1	-0.1	-31.0
6/30/1991	78	-0.1	32.5	-0.2	-32.2

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay
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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
7/31/1991	79	-0.5	30.4	-0.3	-29.5
8/31/1991	80	-0.3	30.5	-0.4	-29.8
9/30/1991	81	-0.3	30.2	-0.5	-29.5
10/31/1991	82	0.0	30.6	-0.5	-30.0
11/30/1991	83	-0.1	30.8	-0.5	-30.1
12/31/1991	84	1.7	42.5	0.0	-44.1
1/31/1992	85	0.0	26.4	0.5	-26.9
2/29/1992	86	-0.3	74.0	0.0	-73.7
3/31/1992	87	0.3	45.9	0.0	-46.2
4/30/1992	88	-1.1	31.0	-0.4	-29.5
5/31/1992	89	-0.5	30.1	-0.7	-28.9
6/30/1992	90	-0.5	30.2	-0.8	-28.9
7/31/1992	91	1.2	29.2	-0.4	-30.0
8/31/1992	92	0.6	29.1	-0.1	-29.6
9/30/1992	93	0.2	31.2	0.0	-31.4
10/31/1992	94	0.1	25.2	0.0	-25.3
11/30/1992	95	0.0	30.2	0.0	-30.2
12/31/1992	96	0.0	48.2	0.0	-48.2
1/31/1993	97	-0.5	74.3	0.5	-74.3
2/28/1993	98	-2.3	79.7	-0.5	-76.9
3/31/1993	99	1.3	38.4	1.1	-40.9
4/30/1993	100	-1.2	31.4	-0.4	-29.8
5/31/1993	101	-0.9	32.0	-0.9	-30.2
6/30/1993	102	-0.9	29.4	-0.9	-27.6
7/31/1993	103	-0.1	26.5	-1.0	-25.4
8/31/1993	104	-0.1	26.4	-1.3	-25.0
9/30/1993	105	-0.3	26.4	-1.4	-24.7
10/31/1993	106	-0.2	26.0	-1.5	-24.3
11/30/1993	107	-0.2	24.5	-1.5	-22.9
12/31/1993	108	0.6	22.1	-1.2	-21.5
1/31/1994	109	-2.2	28.4	-1.8	-24.4
2/28/1994	110	-0.9	49.5	-1.2	-47.3
3/31/1994	111	0.0	27.8	-0.8	-27.0
4/30/1994	112	-2.4	29.1	-2.2	-24.5
5/31/1994	113	-1.9	28.4	-2.6	-23.9
6/30/1994	114	-1.7	29.4	-2.8	-24.9
7/31/1994	115	-0.3	28.2	-2.9	-25.1
8/31/1994	116	-0.1	28.4	-2.9	-25.4
9/30/1994	117	-0.1	28.3	-2.8	-25.5

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay
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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
10/31/1994	118	0.1	29.1	-2.9	-26.3
11/30/1994	119	1.4	23.6	-2.1	-22.9
12/31/1994	120	0.8	24.0	-2.1	-22.7
1/31/1995	121	-14.5	132.2	-3.3	-114.3
2/28/1995	122	6.6	22.8	-1.0	-28.4
3/31/1995	123	-2.8	72.9	-2.3	-67.9
4/30/1995	124	0.1	27.6	-1.8	-25.9
5/31/1995	125	-1.0	24.0	-1.9	-21.1
6/30/1995	126	-2.4	28.1	-2.6	-23.1
7/31/1995	127	-0.4	28.6	-3.1	-25.1
8/31/1995	128	-0.1	29.2	-3.3	-25.8
9/30/1995	129	-0.5	29.0	-3.0	-25.6
10/31/1995	130	-0.4	26.3	-2.8	-23.1
11/30/1995	131	-0.6	25.9	-2.6	-22.7
12/31/1995	132	0.7	24.0	-2.0	-22.8
1/31/1996	133	0.1	19.9	-1.5	-18.4
2/29/1996	134	-6.7	61.8	-2.2	-52.9
3/31/1996	135	3.0	19.8	-2.1	-20.6
4/30/1996	136	-1.7	22.3	-1.6	-19.0
5/31/1996	137	-1.5	24.6	-1.8	-21.3
6/30/1996	138	-1.1	25.7	-2.2	-22.4
7/31/1996	139	-1.3	30.1	-2.7	-26.1
8/31/1996	140	-0.9	30.1	-2.9	-26.3
9/30/1996	141	-0.8	30.2	-3.0	-26.4
10/31/1996	142	1.2	23.4	-2.7	-21.9
11/30/1996	143	1.3	29.2	-2.6	-27.9
12/31/1996	144	-0.8	50.9	-2.4	-47.6
1/31/1997	145	0.0	41.9	-1.9	-40.0
2/28/1997	146	0.1	20.3	-1.9	-18.5
3/31/1997	147	0.0	21.0	-1.9	-19.0
4/30/1997	148	-0.5	21.4	-1.7	-19.2
5/31/1997	149	-0.3	21.4	-1.7	-19.4
6/30/1997	150	-0.3	22.9	-1.9	-20.8
7/31/1997	151	-0.5	29.3	-2.2	-26.7
8/31/1997	152	-0.2	29.2	-1.6	-27.4
9/30/1997	153	-0.1	29.2	-1.8	-27.3
10/31/1997	154	0.4	28.9	-2.2	-27.1
11/30/1997	155	1.6	25.9	-2.1	-25.4
12/31/1997	156	-1.5	60.2	-2.1	-56.6

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay
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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
1/31/1998	157	0.7	34.1	-1.8	-33.0
2/28/1998	158	-39.7	161.0	-10.0	-111.3
3/31/1998	159	19.3	33.6	-2.1	-50.8
4/30/1998	160	7.1	23.1	-1.0	-29.3
5/31/1998	161	-1.3	33.9	-0.9	-31.7
6/30/1998	162	-3.2	31.2	-2.1	-25.9
7/31/1998	163	0.8	22.0	-1.2	-21.6
8/31/1998	164	-0.5	21.6	-0.8	-20.3
9/30/1998	165	-0.8	22.1	-0.4	-20.8
10/31/1998	166	-0.7	22.2	-1.2	-20.3
11/30/1998	167	-0.8	20.2	-1.2	-18.2
12/31/1998	168	-0.7	20.8	-1.4	-18.6
1/31/1999	169	-1.5	22.2	-1.2	-19.5
2/28/1999	170	-2.1	20.6	-1.5	-16.9
3/31/1999	171	-2.8	29.9	-1.2	-25.9
4/30/1999	172	-7.3	25.1	-0.8	-17.1
5/31/1999	173	2.8	22.1	-0.8	-24.1
6/30/1999	174	-0.7	21.8	0.2	-21.3
7/31/1999	175	0.4	19.5	0.9	-20.9
8/31/1999	176	0.9	20.1	0.3	-21.2
9/30/1999	177	1.2	19.2	-0.1	-20.3
10/31/1999	178	1.4	19.5	-0.6	-20.2
11/30/1999	179	1.2	17.9	-0.8	-18.2
12/31/1999	180	1.4	18.7	-0.7	-19.4
1/31/2000	181	0.6	21.9	-1.6	-21.0
2/29/2000	182	-4.0	61.9	-2.1	-55.8
3/31/2000	183	0.9	25.9	-1.4	-25.4
4/30/2000	184	-0.5	30.4	-1.4	-28.5
5/31/2000	185	-0.2	26.8	-1.8	-24.8
6/30/2000	186	-0.1	27.1	-2.0	-24.9
7/31/2000	187	1.0	21.4	-1.8	-20.5
8/31/2000	188	1.0	21.4	-1.4	-21.1
9/30/2000	189	1.0	20.7	-1.3	-20.5
10/31/2000	190	0.9	19.1	-1.6	-18.4
11/30/2000	191	1.0	20.4	-1.4	-20.0
12/31/2000	192	1.2	21.0	-1.1	-21.1
1/31/2001	193	-1.7	53.7	-1.6	-50.4
2/28/2001	194	-2.5	55.8	-1.9	-51.4
3/31/2001	195	-1.0	44.8	-1.3	-42.5

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
4/30/2001	196	0.2	21.2	-1.2	-20.2
5/31/2001	197	-0.5	25.7	-1.4	-23.8
6/30/2001	198	-0.6	25.8	-1.3	-24.0
7/31/2001	199	0.8	23.4	-1.1	-23.1
8/31/2001	200	0.9	23.0	-0.7	-23.2
9/30/2001	201	0.8	23.0	-1.1	-22.7
10/31/2001	202	0.9	22.8	-1.5	-22.2
11/30/2001	203	-0.2	29.3	-1.3	-27.8
12/31/2001	204	0.5	19.1	-1.2	-18.5
1/31/2002	205	0.7	16.6	-1.1	-16.1
2/28/2002	206	0.6	18.3	-1.0	-17.9
3/31/2002	207	1.0	18.4	-1.1	-18.3
4/30/2002	208	1.0	18.2	-0.9	-18.3
5/31/2002	209	1.2	18.7	-0.6	-19.3
6/30/2002	210	1.3	18.8	-0.1	-20.0
7/31/2002	211	1.6	20.0	0.9	-22.4
8/31/2002	212	1.8	20.6	1.3	-23.6
9/30/2002	213	1.9	20.5	1.0	-23.4
10/31/2002	214	2.4	19.2	1.5	-23.1
11/30/2002	215	1.0	36.7	0.0	-37.7
12/31/2002	216	1.5	33.7	-0.1	-35.0
1/31/2003	217	2.5	20.6	1.3	-24.5
2/28/2003	218	-0.7	48.5	-1.0	-46.8
3/31/2003	219	1.3	34.2	-1.1	-34.5
4/30/2003	220	2.0	17.9	-0.4	-19.5
5/31/2003	221	1.3	18.4	-0.6	-19.1
6/30/2003	222	1.3	20.8	-0.4	-21.7
7/31/2003	223	1.4	23.2	0.4	-24.9
8/31/2003	224	1.5	23.2	1.0	-25.7
9/30/2003	225	1.7	22.5	1.4	-25.6
10/31/2003	226	2.1	21.9	1.6	-25.6
11/30/2003	227	1.8	19.2	1.2	-22.2
12/31/2003	228	2.0	19.0	1.0	-22.0
1/31/2004	229	2.5	18.7	1.1	-22.3
2/29/2004	230	0.3	45.7	-0.6	-45.4
3/31/2004	231	2.6	16.4	0.7	-19.6
4/30/2004	232	2.0	20.1	0.7	-22.9
5/31/2004	233	2.1	21.1	1.0	-24.2
6/30/2004	234	2.3	20.5	1.2	-24.1

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay
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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
7/31/2004	235	2.4	25.0	1.6	-28.9
8/31/2004	236	2.6	25.1	2.0	-29.6
9/30/2004	237	3.2	24.7	2.3	-30.1
10/31/2004	238	2.1	38.5	1.7	-42.3
11/30/2004	239	3.1	23.5	2.3	-28.9
12/31/2004	240	1.3	45.2	1.3	-47.8
1/31/2005	241	-1.4	80.3	0.8	-79.7
2/28/2005	242	-1.6	71.0	0.2	-69.7
3/31/2005	243	1.8	27.5	0.8	-30.1
4/30/2005	244	0.7	22.2	0.4	-23.3
5/31/2005	245	0.5	25.3	0.3	-26.1
6/30/2005	246	0.1	25.9	0.3	-26.3
7/31/2005	247	0.3	20.7	0.5	-21.5
8/31/2005	248	0.1	19.4	0.5	-20.0
9/30/2005	249	-0.1	19.0	0.6	-19.5
10/31/2005	250	-0.5	17.3	0.8	-17.5
11/30/2005	251	-0.5	18.5	0.7	-18.8
12/31/2005	252	-0.6	18.4	0.7	-18.6
1/31/2006	253	-1.5	28.5	1.0	-27.9
2/28/2006	254	-2.4	31.1	1.0	-29.7
3/31/2006	255	-3.2	35.2	0.9	-33.0
4/30/2006	256	-5.1	37.4	0.6	-32.8
5/31/2006	257	-1.3	23.9	1.0	-23.6
6/30/2006	258	-2.0	30.9	1.2	-30.1
7/31/2006	259	-1.4	19.4	1.2	-19.2
8/31/2006	260	-1.1	19.5	1.7	-20.1
9/30/2006	261	-0.8	18.7	1.2	-19.1
10/31/2006	262	-0.6	18.5	0.7	-18.5
11/30/2006	263	-0.5	19.1	0.4	-19.1
12/31/2006	264	-0.7	19.1	0.7	-19.1
1/31/2007	265	-1.3	22.1	0.7	-21.5
2/28/2007	266	-0.7	17.3	0.3	-17.0
3/31/2007	267	-0.1	17.8	0.4	-18.1
4/30/2007	268	-0.2	17.6	0.3	-17.7
5/31/2007	269	0.5	18.3	-0.2	-18.6
6/30/2007	270	0.6	18.4	-0.2	-18.8
7/31/2007	271	0.8	18.9	-0.2	-19.5
8/31/2007	272	1.0	18.7	-0.1	-19.7
9/30/2007	273	1.2	18.3	-0.2	-19.3

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay
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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
10/31/2007	274	1.5	17.8	-0.2	-19.1
11/30/2007	275	1.5	18.3	0.3	-20.1
12/31/2007	276	1.0	23.7	0.7	-25.3
1/31/2008	277	-1.5	63.6	-0.4	-61.7
2/29/2008	278	1.5	20.8	0.2	-22.5
3/31/2008	279	1.8	20.3	0.0	-22.0
4/30/2008	280	1.3	20.7	-0.2	-21.8
5/31/2008	281	1.2	20.9	0.0	-22.1
6/30/2008	282	1.1	21.4	0.3	-22.8
7/31/2008	283	1.2	23.1	0.8	-25.1
8/31/2008	284	1.4	22.8	1.2	-25.4
9/30/2008	285	1.5	22.4	1.4	-25.3
10/31/2008	286	1.7	22.2	1.4	-25.3
11/30/2008	287	1.0	22.7	0.8	-24.6
12/31/2008	288	1.1	22.6	0.5	-24.3
1/31/2009	289	1.7	16.8	0.8	-19.3
2/28/2009	290	-0.8	48.1	0.3	-47.6
3/31/2009	291	1.7	16.9	0.3	-18.8
4/30/2009	292	1.2	17.1	0.4	-18.7
5/31/2009	293	0.2	17.0	1.5	-18.7
6/30/2009	294	0.0	17.1	1.9	-19.0
7/31/2009	295	0.0	21.2	2.4	-23.6
8/31/2009	296	0.0	21.0	2.9	-24.0
9/30/2009	297	0.0	20.7	3.2	-23.9
10/31/2009	298	0.0	19.3	3.1	-22.3
11/30/2009	299	0.0	20.3	3.6	-23.9
12/31/2009	300	0.0	26.7	2.6	-29.3
1/31/2010	301	0.0	48.4	1.2	-49.6
2/28/2010	302	0.0	35.6	1.2	-36.8
3/31/2010	303	0.0	18.1	2.5	-20.7
4/30/2010	304	0.0	18.1	1.5	-19.6
5/31/2010	305	0.0	20.3	1.7	-21.9
6/30/2010	306	0.0	19.6	1.7	-21.3
7/31/2010	307	0.0	21.6	1.7	-23.3
8/31/2010	308	0.0	22.2	1.7	-23.9
9/30/2010	309	0.0	22.1	1.7	-23.8
10/31/2010	310	0.0	19.4	1.4	-20.8
11/30/2010	311	0.0	18.5	1.4	-19.9
12/31/2010	312	-0.9	71.6	0.8	-71.6

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay

(page 9 of 10)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month			
		Storage	Recharge	Oxnard Plain Semi-Perched Aquifer	Forebay UAS
1/31/2011	313	0.9	17.8	1.0	-19.7
2/28/2011	314	0.0	24.0	0.6	-24.6
3/31/2011	315	0.0	43.7	0.3	-44.0
4/30/2011	316	0.0	17.8	0.8	-18.7
5/31/2011	317	0.0	18.6	0.5	-19.1
6/30/2011	318	0.0	17.8	0.3	-18.0
7/31/2011	319	0.0	16.9	0.2	-17.1
8/31/2011	320	0.0	15.9	0.2	-16.1
9/30/2011	321	0.0	16.1	0.2	-16.3
10/31/2011	322	0.0	18.1	0.0	-18.1
11/30/2011	323	0.0	17.5	0.0	-17.5
12/31/2011	324	0.0	16.0	0.0	-16.0
1/31/2012	325	0.0	20.1	0.0	-20.1
2/29/2012	326	0.0	18.7	0.0	-18.8
3/31/2012	327	-0.2	21.0	0.0	-20.8
4/30/2012	328	-0.1	20.7	0.0	-20.6
5/31/2012	329	0.3	18.9	0.0	-19.2
6/30/2012	330	0.0	18.9	0.1	-19.0
7/31/2012	331	0.0	21.1	0.2	-21.4
8/31/2012	332	0.0	21.4	0.5	-21.9
9/30/2012	333	0.0	21.2	0.7	-21.9
10/31/2012	334	0.0	20.9	0.9	-21.8
11/30/2012	335	0.0	18.1	0.7	-18.8
12/31/2012	336	0.0	20.8	0.6	-21.5
1/31/2013	337	0.0	16.2	0.9	-17.1
2/28/2013	338	0.0	17.4	1.1	-18.5
3/31/2013	339	0.0	17.3	1.0	-18.3
4/30/2013	340	0.0	18.8	1.2	-20.0
5/31/2013	341	0.0	19.1	1.4	-20.5
6/30/2013	342	0.0	19.1	1.4	-20.6
7/31/2013	343	0.0	18.6	1.7	-20.3
8/31/2013	344	0.0	18.3	1.9	-20.3
9/30/2013	345	0.0	18.3	2.1	-20.3
10/31/2013	346	0.0	18.0	2.4	-20.4
11/30/2013	347	0.0	17.4	2.5	-19.9
12/31/2013	348	0.0	17.8	2.7	-20.5
1/31/2014	349	0.0	23.1	2.7	-25.8
2/28/2014	350	0.0	34.6	1.5	-36.1
3/31/2014	351	0.0	19.7	2.7	-22.4

Table C-1. Flow Budget for the Semi Perched Aquifer in the Forebay

(page 10 of 10)

		Influx(+) or Outflux(-), in acre-feet per month			
Date	Stress Period	Oxnard Plain Semi-Perched Aquifer Forebay UAS			
		Storage	Recharge		
4/30/2014	352	0.0	22.8	2.8	-25.6
5/31/2014	353	0.0	23.4	2.9	-26.3
6/30/2014	354	0.0	23.4	2.7	-26.1
7/31/2014	355	0.0	19.9	2.9	-22.8
8/31/2014	356	0.0	19.1	2.9	-22.1
9/30/2014	357	0.0	19.7	2.7	-22.4
10/31/2014	358	0.0	20.5	2.7	-23.2
11/30/2014	359	0.0	19.5	2.5	-22.0
12/31/2014	360	0.0	37.3	1.7	-39.1
1/31/2015	361	0.0	18.9	2.4	-21.3
2/28/2015	362	0.0	15.9	2.5	-18.4
3/31/2015	363	0.0	14.8	2.7	-17.5
4/30/2015	364	0.0	15.9	2.5	-18.4
5/31/2015	365	0.0	15.7	2.5	-18.3
6/30/2015	366	0.0	18.4	2.2	-20.5
7/31/2015	367	0.0	16.6	2.4	-19.0
8/31/2015	368	0.0	16.7	2.5	-19.2
9/30/2015	369	0.0	15.9	2.4	-18.3
10/31/2015	370	0.0	16.0	2.4	-18.4
11/30/2015	371	0.0	15.8	2.1	-17.9
12/31/2015	372	0.0	16.3	1.7	-18.1
monthly average		0.1	28.5	0.4	-29.0
annual average		0.7	342.5	4.4	-347.6

Table C-2. Flow Budget for the UAS in the Forebay

(page 1 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month										
		Flux from					Forebay					Santa Clara River Percolation
		Storage	Santa Paula	UWCD Spreading	Recharge	MNW2	ET	Semi-Perched Aquifer	Mound UAS	Oxnard Plain UAS	Forebay LAS	
1/31/1985	1	-1,608	131	7,601	139	-1,595	-57	25	-144	-4,799	-131	438
2/28/1985	2	-1,065	65	6,493	139	-1,065	-51	24	-198	-4,405	-127	188
3/31/1985	3	1,231	74	5,016	141	-1,571	-57	25	-189	-4,530	-139	0
4/30/1985	4	4,640	74	1,858	168	-2,829	-55	33	-56	-3,696	-137	0
5/31/1985	5	4,650	57	1,354	169	-2,842	-54	34	49	-3,275	-141	0
6/30/1985	6	4,766	44	633	169	-2,842	-43	35	122	-2,754	-129	0
7/31/1985	7	4,347	8	378	172	-2,699	-23	33	154	-2,220	-150	0
8/31/1985	8	3,924	11	471	172	-2,694	-10	34	161	-1,919	-149	0
9/30/1985	9	1,737	11	2,993	172	-2,695	-4	35	153	-2,233	-168	0
10/31/1985	10	3,271	163	889	167	-2,679	-48	35	164	-1,809	-153	0
11/30/1985	11	-592	92	2,190	301	-419	-55	47	102	-1,562	-104	0
12/31/1985	12	-239	84	3,961	148	-2,264	-57	33	51	-2,218	-152	653
1/31/1986	13	-3,991	71	3,963	305	-669	-57	47	-351	-2,403	-119	3,204
2/28/1986	14	-5,037	49	4,882	547	-355	-51	68	-512	-2,705	-119	3,234
3/31/1986	15	-7,924	66	11,249	351	-543	-57	51	-497	-4,670	-183	2,157
4/30/1986	16	-5,499	72	12,518	171	-2,170	-55	34	-426	-5,632	-238	1,225
5/31/1986	17	1,918	75	7,640	228	-4,155	-57	45	-191	-5,243	-260	0
6/30/1986	18	4,634	72	3,463	226	-4,163	-55	46	-58	-3,941	-225	0
7/31/1986	19	-895	75	8,548	166	-2,925	-57	37	-56	-4,621	-272	0
8/31/1986	20	4,890	76	975	167	-2,912	-57	37	-7	-2,950	-219	0
9/30/1986	21	2,812	73	906	138	-1,549	-55	31	25	-2,223	-159	0
10/31/1986	22	3,820	79	1,050	166	-2,897	-57	36	84	-2,105	-178	0
11/30/1986	23	1,051	77	2,031	136	-1,285	-55	30	75	-1,971	-125	36
12/31/1986	24	2,305	84	2,585	167	-2,890	-57	36	85	-2,154	-161	0
1/31/1987	25	-681	82	3,957	158	-1,093	-57	32	28	-2,357	-108	40
2/28/1987	26	212	73	2,884	155	-1,076	-51	30	-6	-2,129	-92	0
3/31/1987	27	-2,381	79	5,855	163	-1,030	-57	31	-82	-2,930	-106	458
4/30/1987	28	3,521	81	2,327	193	-3,259	-55	39	2	-2,703	-147	0
5/31/1987	29	4,036	83	1,336	193	-3,268	-57	41	88	-2,298	-154	0
6/30/1987	30	2,307	80	3,181	193	-3,272	-55	42	130	-2,437	-169	0
7/31/1987	31	662	82	5,187	182	-3,236	-57	44	131	-2,783	-212	0
8/31/1987	32	3,924	77	924	183	-3,235	-57	45	137	-1,807	-192	0
9/30/1987	33	3,762	76	626	183	-3,231	-54	45	136	-1,364	-179	0
10/31/1987	34	1,320	-20	947	146	-1,258	-22	40	110	-1,136	-126	0
11/30/1987	35	733	74	2,052	144	-1,753	-31	38	83	-1,211	-128	0
12/31/1987	36	-2,463	92	3,551	257	-639	-46	47	0	-1,629	-104	934
1/31/1988	37	-6,609	91	7,849	184	-852	-53	38	-339	-3,003	-119	2,813
2/29/1988	38	-3,330	90	5,080	136	-1,796	-53	33	-611	-3,002	-125	3,578
3/31/1988	39	-3,555	82	8,478	161	-3,264	-57	39	-594	-4,365	-208	3,282
4/30/1988	40	-2,155	70	4,532	206	-834	-55	38	-438	-3,758	-174	2,568
5/31/1988	41	-190	64	8,117	167	-3,323	-54	40	-125	-4,464	-231	0
6/30/1988	42	3,278	53	3,411	166	-3,327	-45	41	-20	-3,347	-211	0
7/31/1988	43	3,910	60	711	156	-2,921	-43	40	48	-2,360	-220	619
8/31/1988	44	3,788	26	0	156	-2,924	-30	40	92	-1,775	-209	836
9/30/1988	45	3,959	5	290	156	-2,918	-16	40	131	-1,448	-198	0
10/31/1988	46	3,465	95	353	156	-2,918	-31	40	144	-1,265	-198	159
11/30/1988	47	1,978	112	713	134	-1,779	-47	34	126	-1,125	-147	0
12/31/1988	48	-33	95	1,046	219	-647	-57	43	93	-1,027	-110	379

Table C-2. Flow Budget for the UAS in the Forebay

(page 2 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month										
		Flux from					Forebay					Santa Clara River Percolation
		Storage	Santa Paula	UWCD Spreading	Recharge	MNW2	ET	Semi-Perched Aquifer	Mound UAS	Oxnard Plain UAS	Forebay LAS	
1/31/1989	49	1,622	97	1,636	132	-2,223	-57	37	98	-1,271	-150	79
2/28/1989	50	-3,974	68	6,045	200	-588	-51	38	17	-2,090	-115	450
3/31/1989	51	-33	73	4,048	127	-1,690	-54	33	0	-2,350	-156	0
4/30/1989	52	3,040	77	868	141	-2,488	-51	37	33	-1,494	-163	0
5/31/1989	53	2,134	43	1,684	141	-2,502	-40	38	47	-1,384	-163	0
6/30/1989	54	2,799	32	631	142	-2,487	-26	39	74	-1,044	-159	0
7/31/1989	55	2,793	24	127	145	-2,340	-18	39	100	-689	-181	0
8/31/1989	56	2,602	24	99	146	-2,336	-13	39	117	-497	-180	0
9/30/1989	57	2,251	23	352	145	-2,324	-6	38	124	-426	-177	0
10/31/1989	58	2,141	-36	478	145	-2,327	0	39	131	-389	-181	0
11/30/1989	59	1,850	69	543	136	-2,263	0	37	127	-339	-160	0
12/31/1989	60	1,971	61	410	145	-2,315	0	39	130	-264	-177	0
1/31/1990	61	-696	64	1,808	162	-726	-7	34	96	-613	-122	0
2/28/1990	62	-2,692	11	2,902	154	-854	-3	30	16	-1,030	-120	1,587
3/31/1990	63	1,773	21	1,642	164	-2,507	-2	38	16	-950	-195	0
4/30/1990	64	2,034	25	1,183	175	-2,514	0	38	36	-773	-203	0
5/31/1990	65	1,983	-1	723	133	-2,082	0	33	57	-662	-184	0
6/30/1990	66	2,484	8	344	169	-2,513	0	38	82	-404	-208	0
7/31/1990	67	1,980	9	217	155	-1,967	0	36	85	-297	-217	0
8/31/1990	68	2,007	15	47	154	-1,970	0	35	90	-163	-216	0
9/30/1990	69	1,922	19	22	155	-1,968	0	35	94	-68	-212	0
10/31/1990	70	1,933	-46	3	155	-1,969	0	36	101	0	-214	0
11/30/1990	71	1,756	61	0	155	-1,965	0	35	100	63	-207	0
12/31/1990	72	1,680	66	0	155	-1,966	0	36	112	123	-209	0
1/31/1991	73	1,261	57	32	140	-1,657	0	29	113	187	-163	0
2/28/1991	74	-1,723	17	663	188	-642	0	30	68	43	-112	1,468
3/31/1991	75	-20,245	-5	14,781	710	-216	0	84	-1,148	-3,837	-220	10,095
4/30/1991	76	-6,785	20	12,779	165	-2,537	0	32	-404	-5,125	-315	2,170
5/31/1991	77	3,081	-3	3,107	166	-2,534	0	31	-152	-3,402	-296	0
6/30/1991	78	3,536	5	1,116	166	-2,527	0	32	-32	-2,033	-263	0
7/31/1991	79	2,908	-10	642	138	-2,045	0	30	30	-1,455	-237	0
8/31/1991	80	2,949	5	38	141	-2,041	0	30	69	-967	-223	0
9/30/1991	81	2,400	11	302	140	-2,039	0	29	89	-719	-214	0
10/31/1991	82	533	123	2,429	141	-2,040	0	30	81	-1,075	-221	0
11/30/1991	83	1,204	63	1,801	142	-2,037	0	30	62	-1,050	-215	0
12/31/1991	84	-1,979	58	1,597	288	-349	0	44	18	-1,117	-154	1,595
1/31/1992	85	-5,098	63	4,931	156	-817	0	27	-167	-1,944	-165	3,013
2/29/1992	86	-16,811	56	14,450	586	-243	-5	74	-1,269	-4,973	-210	8,344
3/31/1992	87	-13,414	66	17,712	344	-402	-19	46	-1,197	-7,740	-276	4,877
4/30/1992	88	-3,190	47	9,914	141	-2,693	-21	29	-926	-6,399	-306	3,405
5/31/1992	89	2,066	20	6,356	142	-2,700	-16	29	-364	-5,238	-294	0
6/30/1992	90	3,571	-7	3,083	144	-2,696	-8	29	-167	-3,690	-260	0
7/31/1992	91	3,529	14	1,920	155	-2,492	-4	30	-84	-2,817	-253	0
8/31/1992	92	3,876	-10	687	156	-2,487	0	30	-27	-1,997	-228	0
9/30/1992	93	2,525	-21	1,807	154	-2,485	0	31	3	-1,801	-214	0
10/31/1992	94	-10,345	45	16,499	134	-1,336	0	25	-201	-5,566	-250	996
11/30/1992	95	-5,661	49	14,969	152	-2,493	0	30	-373	-6,392	-311	30
12/31/1992	96	-5,633	55	9,093	347	-359	-10	48	-917	-5,563	-239	3,178

Table C-2. Flow Budget for the UAS in the Forebay

(page 3 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month										
		Forebay										
		Flux from	Santa	UWCD				Semi-	Mound	Oxnard	Forebay	Santa Clara
		Storage	Paula	Spreading	Recharge	MNW2	ET	Perched	UAS	Plain UAS	LAS	River
								Aquifer				Percolation
1/31/1993	97	-6,935	42	8,890	583	-282	-20	74	-1,265	-5,445	-220	4,579
2/28/1993	98	-3,971	40	5,005	612	-248	-27	77	-1,148	-4,422	-183	4,265
3/31/1993	99	-4,047	46	7,376	277	-567	-34	41	-1,004	-5,220	-215	3,347
4/30/1993	100	-6,216	36	15,857	166	-3,273	-30	30	-781	-7,300	-329	1,839
5/31/1993	101	291	14	8,233	165	-3,284	-22	30	-663	-5,951	-295	1,481
6/30/1993	102	3,378	-5	3,121	151	-2,954	-13	28	-503	-4,521	-245	1,564
7/31/1993	103	4,052	-3	939	140	-2,672	-7	25	-346	-3,660	-229	1,760
8/31/1993	104	2,096	-20	4,660	140	-2,666	0	25	-84	-3,921	-229	0
9/30/1993	105	-3,503	-13	11,798	138	-2,670	0	25	-161	-5,353	-260	0
10/31/1993	106	-3,890	48	13,283	138	-2,674	0	24	-353	-6,296	-280	0
11/30/1993	107	-1,120	55	8,826	133	-2,195	-5	23	-470	-5,614	-246	611
12/31/1993	108	58	67	6,252	127	-1,133	-14	21	-480	-5,110	-211	423
1/31/1994	109	480	55	6,689	145	-2,434	-23	24	-466	-5,165	-228	922
2/28/1994	110	9	108	2,664	388	-312	-49	47	-533	-3,824	-146	1,648
3/31/1994	111	-854	81	4,656	183	-593	-57	27	-494	-4,374	-169	1,592
4/30/1994	112	-139	73	6,552	147	-2,429	-55	24	-324	-4,699	-209	1,059
5/31/1994	113	2,251	74	4,821	145	-2,444	-57	24	-127	-4,465	-222	0
6/30/1994	114	4,286	46	1,530	148	-2,441	-48	25	-27	-3,324	-195	0
7/31/1994	115	4,487	46	787	155	-2,567	-44	25	39	-2,779	-185	35
8/31/1994	116	4,055	31	895	156	-2,562	-32	25	71	-2,464	-176	0
9/30/1994	117	667	22	4,858	156	-2,560	-20	25	4	-2,983	-170	0
10/31/1994	118	-603	66	6,967	155	-2,562	-29	26	-104	-3,738	-179	0
11/30/1994	119	-956	116	5,566	140	-956	-51	23	-202	-3,539	-141	0
12/31/1994	120	564	101	4,605	136	-1,557	-57	23	-211	-3,452	-152	0
1/31/1995	121	-7,610	31	6,502	1,069	-134	-57	114	-920	-4,101	-148	5,253
2/28/1995	122	-7,824	66	13,734	116	-1,441	-51	28	-653	-5,936	-206	2,169
3/31/1995	123	-3,395	47	7,096	576	-219	-57	68	-735	-5,475	-191	2,285
4/30/1995	124	28	69	6,534	127	-2,494	-55	26	-518	-5,003	-216	1,501
5/31/1995	125	-2,918	48	10,338	121	-1,802	-51	21	-484	-5,943	-237	908
6/30/1995	126	-688	24	8,754	125	-2,504	-37	23	-471	-5,719	-225	718
7/31/1995	127	-487	8	8,630	142	-1,665	-41	25	-469	-5,915	-227	0
8/31/1995	128	-34	25	8,123	143	-1,667	-42	26	-469	-5,851	-230	-23
9/30/1995	129	-78	29	7,775	142	-1,668	-39	26	-440	-5,648	-229	131
10/31/1995	130	-978	32	8,693	142	-1,672	-41	23	-495	-6,061	-248	604
11/30/1995	131	169	38	7,055	142	-1,670	-39	23	-458	-5,601	-238	578
12/31/1995	132	-131	67	5,719	164	-506	-58	23	-472	-5,125	-187	506
1/31/1996	133	1,058	93	4,341	122	-873	-67	18	-411	-4,667	-176	563
2/29/1996	134	-4,283	65	9,596	490	-182	-80	53	-447	-5,348	-174	309
3/31/1996	135	-1,720	65	8,919	130	-739	-85	21	-470	-5,824	-186	-110
4/30/1996	136	1,676	59	5,798	126	-1,667	-80	19	-320	-5,122	-201	-289
5/31/1996	137	4,544	45	1,728	142	-1,816	-63	21	-197	-4,088	-182	-134
6/30/1996	138	4,347	54	772	141	-1,818	-44	22	-71	-3,237	-167	0
7/31/1996	139	4,198	27	723	161	-2,064	-32	26	17	-2,879	-179	0
8/31/1996	140	3,978	17	569	163	-2,065	-20	26	78	-2,570	-180	0
9/30/1996	141	3,253	-20	1,125	164	-2,065	-8	26	106	-2,404	-181	0
10/31/1996	142	-1,159	32	3,299	136	-1,040	-10	22	-141	-2,831	-169	1,861
11/30/1996	143	-3,214	54	5,631	206	-494	-16	28	-299	-3,359	-146	1,609
12/31/1996	144	-7,437	98	11,546	389	-255	-45	48	-551	-5,213	-184	1,603

Table C-2. Flow Budget for the UAS in the Forebay

(page 4 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month										
		Forebay										
		Flux from	Santa	UWCD								Santa Clara
		Storage	Paula	Spreading	Recharge	MNW2	ET	Perched	Mound	Oxnard	Forebay	River
								Aquifer	UAS	Plain UAS	LAS	Percolation
1/31/1997	145	-6,748	91	13,189	335	-372	-62	40	-643	-6,314	-214	699
2/28/1997	146	-903	13	9,125	124	-2,537	-50	19	-524	-5,223	-195	152
3/31/1997	147	686	-16	7,788	124	-2,556	-32	19	-474	-5,305	-207	-27
4/30/1997	148	4,377	-30	2,376	123	-2,549	-6	19	-273	-3,895	-174	32
5/31/1997	149	4,945	-72	763	124	-2,546	0	19	-109	-2,973	-151	0
6/30/1997	150	4,428	60	343	127	-2,541	0	21	6	-2,317	-128	0
7/31/1997	151	4,698	77	332	174	-3,296	-8	27	107	-1,959	-153	0
8/31/1997	152	3,411	25	1,651	172	-3,305	-7	27	127	-1,950	-151	0
9/30/1997	153	1,588	-35	3,687	426	-3,305	0	27	78	-2,317	-151	0
10/31/1997	154	1,567	33	4,208	179	-3,313	0	27	54	-2,589	-167	0
11/30/1997	155	659	108	1,619	182	-936	-16	25	2	-1,998	-112	466
12/31/1997	156	-6,050	46	6,926	475	-332	-28	57	-436	-3,271	-133	2,747
1/31/1998	157	-5,844	131	9,771	260	-1,050	-57	33	-477	-4,413	-158	1,803
2/28/1998	158	-3,853	7	3,691	1,383	-192	-51	111	-694	-3,445	-138	3,182
3/31/1998	159	-9,227	64	16,375	253	-1,062	-57	51	-584	-6,379	-212	779
4/30/1998	160	-4,023	66	12,798	152	-2,055	-96	29	-565	-5,950	-206	-149
5/31/1998	161	-2,512	60	11,056	268	-1,120	-116	32	-526	-6,013	-204	-924
6/30/1998	162	677	65	12,012	186	-5,277	-126	26	-375	-5,837	-217	-1,230
7/31/1998	163	429	69	8,945	139	-2,460	-113	22	-338	-5,464	-212	-1,017
8/31/1998	164	4,336	52	2,777	135	-2,447	-68	20	-244	-4,116	-169	-278
9/30/1998	165	989	39	5,921	127	-2,394	-53	21	-192	-4,210	-164	-82
10/31/1998	166	-3,275	92	12,245	137	-2,458	-102	20	-295	-5,787	-225	-352
11/30/1998	167	-3,253	74	12,253	131	-1,586	-118	18	-411	-6,006	-214	-888
12/31/1998	168	-991	70	10,827	130	-2,235	-118	19	-454	-5,923	-211	-1,113
1/31/1999	169	2,469	67	4,258	161	-1,018	-85	20	-386	-4,618	-143	-724
2/28/1999	170	1,236	64	6,253	132	-2,526	-77	17	-290	-4,363	-131	-316
3/31/1999	171	623	64	4,865	231	-724	-85	26	-271	-4,353	-130	-246
4/30/1999	172	-1,707	64	7,958	187	-824	-83	17	-250	-4,672	-148	-542
5/31/1999	173	4,361	53	3,033	141	-3,295	-75	24	-147	-3,727	-131	-238
6/30/1999	174	4,874	30	1,210	140	-3,307	-41	21	-61	-2,730	-106	-31
7/31/1999	175	4,355	-14	307	126	-2,544	-18	21	2	-2,126	-109	0
8/31/1999	176	3,994	30	192	127	-2,536	-16	21	65	-1,770	-108	0
9/30/1999	177	1,854	6	2,606	127	-2,536	-10	20	68	-2,020	-114	0
10/31/1999	178	743	18	4,226	129	-2,541	-9	20	45	-2,494	-138	0
11/30/1999	179	2,598	49	541	119	-1,484	-13	18	35	-1,759	-105	0
12/31/1999	180	3,461	51	367	125	-2,529	-16	19	69	-1,439	-108	0
1/31/2000	181	1,372	-27	1,052	144	-1,098	-7	21	50	-1,468	-83	44
2/29/2000	182	-4,425	149	4,379	518	-282	-44	56	-300	-2,216	-87	2,254
3/31/2000	183	-8,099	91	12,357	186	-818	-57	25	-450	-4,676	-158	1,598
4/30/2000	184	-3,297	69	7,568	221	-676	-55	29	-485	-4,361	-146	1,134
5/31/2000	185	3,576	68	3,255	144	-3,207	-57	25	-236	-3,450	-144	26
6/30/2000	186	5,158	-25	531	144	-3,212	-22	25	-69	-2,402	-127	0
7/31/2000	187	3,672	54	270	120	-2,143	-28	21	3	-2,086	-123	242
8/31/2000	188	3,648	-6	207	120	-2,140	-12	21	55	-1,777	-116	0
9/30/2000	189	-81	-24	4,727	120	-2,142	-1	20	12	-2,509	-129	6
10/31/2000	190	-5,884	23	11,425	121	-1,198	-2	18	-151	-4,501	-182	331
11/30/2000	191	264	70	5,741	118	-2,148	-11	20	-205	-3,736	-174	61
12/31/2000	192	4,414	61	281	120	-2,144	-20	21	-146	-2,444	-142	0

Table C-2. Flow Budget for the UAS in the Forebay

(page 5 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month										
		Forebay										
		Flux from	Santa	UWCD					Semi-	Mound	Oxnard	Santa Clara
		Storage	Paula	Spreading	Recharge	MNW2	ET	Aquifer	UAS	Plain UAS	Forebay LAS	River Percolation
1/31/2001	193	-2,506	78	3,393	432	-355	-41	50	-430	-2,552	-108	2,038
2/28/2001	194	-5,359	74	7,429	456	-336	-48	51	-526	-3,466	-116	1,841
3/31/2001	195	-9,356	54	14,322	369	-444	-53	42	-783	-5,663	-182	1,695
4/30/2001	196	-2,751	55	9,926	131	-1,600	-48	20	-655	-5,435	-180	538
5/31/2001	197	3,264	87	5,019	143	-3,298	-57	24	-423	-4,611	-171	22
6/30/2001	198	5,450	8	1,352	149	-3,297	-36	24	-199	-3,311	-140	0
7/31/2001	199	4,571	9	374	126	-2,226	-20	23	-65	-2,671	-121	0
8/31/2001	200	4,192	-34	210	129	-2,225	-6	23	22	-2,199	-111	0
9/30/2001	201	-1,610	4	7,265	125	-2,232	-1	23	-34	-3,403	-137	0
10/31/2001	202	-5,640	20	13,563	129	-2,249	-3	22	-207	-5,430	-205	0
11/30/2001	203	-2,096	106	7,193	215	-507	-22	28	-363	-4,394	-160	0
12/31/2001	204	258	107	5,130	114	-1,046	-47	18	-441	-3,963	-130	0
1/31/2002	205	1,308	102	3,523	108	-965	-57	16	-359	-3,561	-116	0
2/28/2002	206	2,790	-2	2,103	115	-1,864	-31	18	-222	-2,807	-100	0
3/31/2002	207	3,828	7	563	118	-1,869	-17	18	-117	-2,443	-102	14
4/30/2002	208	3,538	20	267	114	-1,867	-13	18	-21	-1,964	-92	0
5/31/2002	209	3,252	3	265	113	-1,866	-7	19	39	-1,727	-90	0
6/30/2002	210	2,859	-11	401	111	-1,865	0	20	70	-1,503	-83	2
7/31/2002	211	3,260	-4	447	131	-2,521	0	22	92	-1,325	-104	0
8/31/2002	212	3,092	-1	499	132	-2,526	0	24	107	-1,217	-113	0
9/30/2002	213	-103	28	4,435	129	-2,526	0	23	51	-1,943	-125	30
10/31/2002	214	2,808	71	1,168	131	-2,528	0	23	57	-1,607	-132	10
11/30/2002	215	-3,092	68	1,966	300	-425	-9	38	-297	-1,680	-114	3,245
12/31/2002	216	-3,784	65	4,572	279	-450	-23	35	-283	-2,428	-121	2,138
1/31/2003	217	3,206	110	2,077	124	-3,478	-46	24	-53	-1,861	-107	0
2/28/2003	218	-4,901	71	4,867	364	-429	-49	47	-411	-2,401	-100	2,943
3/31/2003	219	-4,454	46	5,920	277	-640	-47	34	-513	-3,171	-108	2,656
4/30/2003	220	-1,328	110	4,706	120	-2,040	-55	20	-447	-3,194	-106	2,214
5/31/2003	221	-3,727	76	7,714	124	-1,502	-57	19	-469	-4,081	-128	2,030
6/30/2003	222	3,855	47	2,616	128	-3,484	-48	22	-153	-2,895	-115	24
7/31/2003	223	4,681	62	63	136	-2,637	-48	25	-7	-2,159	-117	0
8/31/2003	224	4,180	25	0	133	-2,633	-30	26	69	-1,669	-110	8
9/30/2003	225	3,198	28	742	128	-2,630	-19	26	93	-1,464	-104	0
10/31/2003	226	1,979	-12	2,186	131	-2,632	-8	26	87	-1,650	-109	0
11/30/2003	227	646	97	1,473	135	-1,015	-24	22	42	-1,592	-82	298
12/31/2003	228	-378	105	1,747	123	-1,054	-46	22	-27	-1,601	-81	1,190
1/31/2004	229	546	119	3,295	95	-1,780	-57	22	-39	-2,110	-91	0
2/29/2004	230	-5,397	24	4,459	387	-260	-45	45	-518	-2,383	-89	3,777
3/31/2004	231	-2,761	27	6,711	87	-1,513	-32	20	-302	-3,477	-117	1,357
4/30/2004	232	3,298	-4	1,365	103	-1,988	-15	23	-136	-2,534	-112	0
5/31/2004	233	3,787	-8	46	105	-1,980	-6	24	-35	-1,831	-103	0
6/30/2004	234	3,300	-6	18	108	-1,974	0	24	24	-1,403	-92	0
7/31/2004	235	3,322	36	111	123	-2,273	0	29	76	-1,309	-116	0
8/31/2004	236	3,251	3	0	124	-2,275	0	30	117	-1,131	-120	0
9/30/2004	237	3,077	-2	0	121	-2,274	0	30	128	-965	-118	0
10/31/2004	238	-6,135	21	3,754	301	-382	0	42	-410	-1,683	-104	4,594
11/30/2004	239	2,071	55	1,979	120	-2,281	0	29	-15	-1,831	-128	0
12/31/2004	240	-4,563	64	1,428	378	-307	-6	48	-619	-1,681	-103	5,361

Table C-2. Flow Budget for the UAS in the Forebay

(page 6 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month										
		Forebay										
		Flux from	Santa	UWCD								Santa Clara
		Storage	Paula	Spreading	Recharge	MNW2	ET	Perched	Mound	Oxnard	Forebay	River
								Aquifer	UAS	Plain UAS	LAS	Percolation
1/31/2005	241	-13,583	78	12,830	714	-209	-34	80	-954	-4,672	-166	5,916
2/28/2005	242	-8,142	77	9,747	588	-212	-47	70	-838	-4,633	-162	3,551
3/31/2005	243	-10,227	82	16,550	218	-540	-57	30	-846	-6,720	-220	1,729
4/30/2005	244	-5,622	61	14,666	118	-1,482	-55	23	-802	-7,201	-247	541
5/31/2005	245	-2,241	63	12,355	126	-2,049	-62	26	-776	-7,292	-256	106
6/30/2005	246	-945	30	10,904	127	-2,046	-64	26	-684	-7,001	-247	-99
7/31/2005	247	-83	39	9,373	105	-1,908	-57	22	-632	-6,610	-239	-10
8/31/2005	248	3,348	14	4,213	102	-1,881	-24	20	-493	-5,194	-192	87
9/30/2005	249	-3,254	-4	12,031	100	-1,912	-17	20	-540	-6,372	-223	170
10/31/2005	250	-625	39	7,985	104	-941	-30	18	-591	-5,865	-196	102
11/30/2005	251	3,230	51	3,841	101	-1,867	-34	19	-452	-4,788	-166	67
12/31/2005	252	2,667	55	4,134	102	-1,864	-38	19	-384	-4,573	-155	38
1/31/2006	253	-1,722	55	7,153	226	-750	-54	28	-474	-5,026	-144	707
2/28/2006	254	567	63	3,853	233	-677	-56	30	-402	-4,112	-116	617
3/31/2006	255	-6,526	52	13,598	280	-596	-73	33	-574	-6,261	-170	237
4/30/2006	256	-4,545	67	12,795	295	-576	-86	33	-622	-6,497	-189	-675
5/31/2006	257	-816	-5	10,969	144	-1,468	-88	24	-537	-6,717	-198	-1,310
6/30/2006	258	3,017	1	7,186	180	-3,145	-43	30	-439	-5,818	-190	-799
7/31/2006	259	3,645	8	3,716	114	-1,738	-42	19	-369	-4,945	-156	-252
8/31/2006	260	4,594	23	1,406	112	-1,729	-29	20	-254	-3,973	-135	-36
9/30/2006	261	292	-14	6,138	113	-1,740	-19	19	-252	-4,432	-144	39
10/31/2006	262	-740	27	7,750	110	-1,765	-9	19	-275	-5,103	-174	161
11/30/2006	263	2,980	54	2,852	111	-1,736	-10	19	-240	-3,912	-139	22
12/31/2006	264	1,929	37	3,138	106	-1,246	-12	19	-234	-3,648	-123	34
1/31/2007	265	1,854	39	2,015	146	-968	-16	21	-202	-3,014	-102	226
2/28/2007	266	64	23	5,425	112	-2,167	-12	17	-216	-3,135	-109	0
3/31/2007	267	3,618	9	2,627	125	-3,354	-10	18	-137	-2,806	-123	34
4/30/2007	268	2,523	37	1,444	117	-1,962	-11	18	-77	-2,223	-101	236
5/31/2007	269	4,553	-2	421	126	-3,343	-5	19	18	-1,681	-105	0
6/30/2007	270	4,117	19	343	125	-3,342	-5	19	83	-1,284	-98	24
7/31/2007	271	3,952	2	97	127	-3,292	0	19	132	-927	-112	0
8/31/2007	272	3,389	-3	522	127	-3,297	0	20	135	-782	-112	0
9/30/2007	273	-711	2	5,671	128	-3,297	0	19	63	-1,745	-131	0
10/31/2007	274	-1,045	-13	6,790	124	-3,318	0	19	1	-2,479	-156	77
11/30/2007	275	3,256	33	1,419	125	-3,315	0	20	11	-1,411	-138	0
12/31/2007	276	-1,481	47	2,929	188	-861	0	25	-55	-1,705	-111	1,023
1/31/2008	277	-6,690	38	5,746	552	-322	0	62	-643	-2,672	-129	4,059
2/29/2008	278	-8,868	63	12,862	146	-1,044	-8	22	-560	-4,240	-189	1,815
3/31/2008	279	-5,319	37	13,396	116	-3,379	-15	22	-633	-5,229	-247	1,250
4/30/2008	280	2,513	13	3,923	117	-3,355	-11	22	-517	-3,635	-212	1,143
5/31/2008	281	5,052	11	1,210	118	-3,338	-7	22	-238	-2,643	-186	0
6/30/2008	282	5,009	-6	299	118	-3,328	-1	23	-82	-1,888	-164	20
7/31/2008	283	4,738	8	10	130	-3,091	0	25	23	-1,681	-163	0
8/31/2008	284	4,342	-7	0	129	-3,090	0	25	90	-1,335	-156	0
9/30/2008	285	2,020	-19	2,539	129	-3,094	0	25	96	-1,588	-160	51
10/31/2008	286	-4,488	20	11,442	129	-3,152	0	25	11	-3,854	-229	95
11/30/2008	287	187	9	1,707	159	-932	0	25	-138	-2,162	-139	1,284
12/31/2008	288	-337	44	3,299	168	-822	0	24	-167	-2,136	-109	36

Table C-2. Flow Budget for the UAS in the Forebay

(page 7 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month										
		Flux from						Forebay				Santa Clara River Percolation
		Storage	Santa Paula	UWCD Spreading	Recharge	MNW2	ET	Semi-Perched Aquifer	Mound UAS	Oxnard Plain UAS	Forebay LAS	
1/31/2009	289	1,501	53	3,338	95	-2,628	0	19	-153	-2,105	-120	0
2/28/2009	290	-4,526	65	4,267	391	-307	-2	48	-552	-2,276	-91	2,983
3/31/2009	291	-1,604	105	5,219	99	-2,642	-31	19	-530	-2,990	-135	2,490
4/30/2009	292	3,573	33	1,441	97	-2,637	-22	19	-150	-2,227	-126	0
5/31/2009	293	4,105	-10	162	97	-2,636	-7	19	-2	-1,607	-122	0
6/30/2009	294	3,622	24	55	97	-2,632	-4	19	79	-1,147	-114	0
7/31/2009	295	3,848	5	0	134	-3,095	0	24	133	-913	-144	6
8/31/2009	296	3,599	-13	0	136	-3,095	0	24	164	-681	-146	9
9/30/2009	297	3,405	-12	0	133	-3,088	0	24	186	-515	-146	14
10/31/2009	298	-2,130	8	2,483	153	-1,103	0	22	76	-1,266	-118	1,874
11/30/2009	299	2,774	35	1,071	134	-3,100	0	24	111	-912	-150	10
12/31/2009	300	-5,769	54	4,402	203	-784	0	29	-336	-1,842	-138	4,181
1/31/2010	301	-5,867	52	4,247	402	-370	-3	50	-625	-2,242	-131	4,487
2/28/2010	302	-6,782	81	7,843	281	-481	-19	37	-550	-3,140	-125	2,855
3/31/2010	303	-2,855	103	7,568	107	-2,907	-44	21	-575	-3,819	-172	2,573
4/30/2010	304	-746	71	3,394	113	-1,411	-46	20	-515	-3,130	-138	2,389
5/31/2010	305	3,318	10	2,414	109	-2,891	-25	22	-146	-2,661	-149	0
6/30/2010	306	4,374	17	255	109	-2,889	-14	21	9	-1,815	-139	71
7/31/2010	307	4,058	44	159	119	-2,817	-15	23	91	-1,504	-175	14
8/31/2010	308	3,840	21	24	120	-2,817	-10	24	132	-1,175	-176	14
9/30/2010	309	3,480	8	149	118	-2,811	-4	24	157	-949	-172	0
10/31/2010	310	-4,200	58	7,315	135	-968	-9	21	35	-2,274	-129	16
11/30/2010	311	-1,252	57	4,897	110	-2,001	-15	20	-63	-2,403	-151	801
12/31/2010	312	-8,329	50	7,963	578	-266	-30	72	-703	-3,384	-137	4,186
1/31/2011	313	-5,386	103	12,150	94	-1,886	-48	20	-340	-5,103	-222	619
2/28/2011	314	-5,010	91	8,070	182	-511	-51	25	-617	-4,127	-164	2,112
3/31/2011	315	-6,466	64	9,750	348	-287	-57	44	-855	-4,835	-170	2,464
4/30/2011	316	-6,791	72	14,853	95	-1,883	-55	19	-763	-6,455	-245	1,154
5/31/2011	317	3,591	72	2,453	92	-1,807	-57	19	-585	-4,685	-206	1,113
6/30/2011	318	2,397	50	2,758	94	-1,844	-49	18	-415	-3,976	-187	1,154
7/31/2011	319	3,918	44	1,459	106	-1,788	-43	17	-153	-3,375	-184	0
8/31/2011	320	4,317	12	224	105	-1,784	-24	16	-15	-2,679	-172	0
9/30/2011	321	1,561	5	3,099	104	-1,787	-13	16	4	-2,825	-169	6
10/31/2011	322	-3,959	84	9,548	120	-1,237	-29	18	-114	-4,251	-180	0
11/30/2011	323	-397	82	5,134	116	-1,144	-41	18	-187	-3,477	-149	46
12/31/2011	324	2,541	85	2,461	103	-1,780	-49	16	-151	-3,062	-164	0
1/31/2012	325	1,648	104	2,195	112	-1,297	-57	20	-113	-2,482	-129	0
2/29/2012	326	2,961	59	1,525	100	-2,309	-49	19	-36	-2,128	-140	0
3/31/2012	327	-701	42	1,392	137	-895	-44	21	-277	-2,062	-113	2,500
4/30/2012	328	-2,335	54	4,172	120	-1,146	-40	21	-325	-2,585	-118	2,182
5/31/2012	329	3,491	15	1,198	102	-2,313	-23	19	-41	-2,304	-144	0
6/30/2012	330	3,955	21	20	102	-2,314	-14	19	60	-1,706	-142	0
7/31/2012	331	3,502	24	559	128	-2,566	-11	21	118	-1,608	-169	0
8/31/2012	332	3,448	1	308	126	-2,567	-4	22	157	-1,325	-167	0
9/30/2012	333	2,587	10	1,070	123	-2,564	0	22	158	-1,243	-165	0
10/31/2012	334	-1,405	17	6,328	123	-2,584	0	22	86	-2,401	-188	0
11/30/2012	335	2,414	35	85	115	-1,284	0	19	65	-1,324	-125	0
12/31/2012	336	19	37	1,964	155	-775	-2	21	29	-1,351	-97	0

Table C-2. Flow Budget for the UAS in the Forebay

(page 8 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month										
		Flux from							Forebay			
		Storage	Santa Paula	UWCD Spreading	Recharge	MNW2	ET	Semi-Perched Aquifer	Mound UAS	Oxnard Plain UAS	Forebay LAS	Santa Clara River Percolation
1/31/2013	337	822	61	1,323	103	-1,019	-9	17	18	-1,229	-87	0
2/28/2013	338	1,746	41	1,028	97	-1,764	-10	18	37	-1,087	-107	0
3/31/2013	339	1,696	43	317	97	-1,238	-12	18	53	-874	-100	0
4/30/2013	340	2,332	49	0	99	-1,768	-12	20	81	-690	-111	0
5/31/2013	341	2,258	-3	8	100	-1,772	-4	20	107	-598	-115	0
6/30/2013	342	2,101	19	10	101	-1,772	-1	21	119	-486	-114	0
7/31/2013	343	2,205	19	0	110	-1,960	0	20	136	-409	-121	0
8/31/2013	344	2,138	23	0	109	-1,962	0	20	150	-354	-123	0
9/30/2013	345	2,077	26	0	109	-1,962	0	20	154	-299	-125	0
10/31/2013	346	2,012	40	0	107	-1,964	0	20	161	-248	-129	0
11/30/2013	347	1,959	7	0	106	-1,940	0	20	153	-181	-123	0
12/31/2013	348	1,928	8	0	107	-1,963	0	21	154	-122	-133	0
1/31/2014	349	1,977	8	0	126	-1,902	0	26	152	-230	-158	0
2/28/2014	350	-47	84	0	257	-344	0	36	113	-14	-86	0
3/31/2014	351	-6,987	34	2,301	118	-1,184	0	22	-671	-845	-137	7,348
4/30/2014	352	2,438	11	403	126	-1,906	0	26	8	-948	-159	0
5/31/2014	353	2,514	2	67	127	-1,907	0	26	125	-788	-165	0
6/30/2014	354	2,353	-1	0	128	-1,903	0	26	153	-592	-163	0
7/31/2014	355	1,753	15	0	109	-1,357	0	23	156	-541	-157	0
8/31/2014	356	1,711	2	0	107	-1,353	0	22	151	-483	-157	0
9/30/2014	357	1,677	-32	0	107	-1,350	0	22	140	-408	-156	0
10/31/2014	358	1,485	69	0	107	-1,352	0	23	137	-366	-161	57
11/30/2014	359	1,149	50	0	105	-1,110	0	22	122	-256	-142	59
12/31/2014	360	-2,227	27	129	283	-236	0	39	50	-234	-105	2,274
1/31/2015	361	-410	50	1,090	133	-418	0	21	34	-408	-92	0
2/28/2015	362	1,093	6	635	90	-1,367	0	18	45	-394	-126	0
3/31/2015	363	967	70	658	84	-1,306	0	17	62	-415	-136	0
4/30/2015	364	1,379	64	133	90	-1,373	0	18	70	-248	-140	8
5/31/2015	365	1,316	23	0	89	-1,374	0	18	73	-135	-141	131
6/30/2015	366	1,387	10	0	91	-1,373	0	21	76	-74	-138	0
7/31/2015	367	1,154	31	0	95	-1,182	0	19	83	-50	-151	0
8/31/2015	368	1,175	-15	0	96	-1,181	0	19	85	-27	-152	0
9/30/2015	369	1,096	19	0	93	-1,174	0	18	83	15	-150	0
10/31/2015	370	1,107	-1	0	95	-1,179	0	18	87	25	-153	0
11/30/2015	371	993	40	0	94	-1,177	0	18	84	37	-150	60
12/31/2015	372	777	6	0	94	-1,179	0	18	83	47	-155	307
monthly average		200	42	4,025	175	-1,879	-27	29	-177	-2,854	-162	628
annual average		2,398	502	48,297	2,102	-22,547	-326	348	-2,122	-34,245	-1,948	7,534

Table C-3. Flow Budget for the LAS in the Forebay

(page 1 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Flux from Santa Paula	MNW2	Forebay UAS	Mound LAS	Oxnard Plain LAS
1/31/1985	1	21	17	-88	131	24	-105
2/28/1985	2	-18	13	-53	127	20	-90
3/31/1985	3	7	15	-65	139	22	-118
4/30/1985	4	121	19	-162	137	19	-135
5/31/1985	5	112	21	-149	141	22	-147
6/30/1985	6	120	22	-148	129	24	-147
7/31/1985	7	101	22	-189	150	19	-103
8/31/1985	8	105	24	-194	149	18	-102
9/30/1985	9	93	24	-192	168	18	-110
10/31/1985	10	89	29	-174	153	19	-116
11/30/1985	11	-53	23	-14	104	27	-87
12/31/1985	12	74	27	-190	152	19	-82
1/31/1986	13	-73	24	-13	119	25	-82
2/28/1986	14	-96	19	-1	119	26	-66
3/31/1986	15	-131	18	-14	183	29	-85
4/30/1986	16	-59	18	-117	238	25	-105
5/31/1986	17	56	23	-220	260	18	-137
6/30/1986	18	82	24	-212	225	17	-136
7/31/1986	19	-4	26	-237	272	25	-83
8/31/1986	20	44	26	-249	219	26	-65
9/30/1986	21	-13	22	-125	159	28	-70
10/31/1986	22	88	27	-265	178	25	-54
11/30/1986	23	-22	25	-86	125	27	-69
12/31/1986	24	98	32	-272	161	24	-44
1/31/1987	25	-45	26	-48	108	26	-67
2/28/1987	26	-4	20	-74	92	22	-56
3/31/1987	27	-26	21	-61	106	24	-64
4/30/1987	28	94	22	-206	147	18	-74
5/31/1987	29	94	22	-197	154	20	-93
6/30/1987	30	89	22	-193	169	22	-107
7/31/1987	31	148	28	-384	212	24	-28
8/31/1987	32	137	31	-385	192	26	-1
9/30/1987	33	135	32	-388	179	26	16
10/31/1987	34	-13	27	-144	126	31	-27
11/30/1987	35	29	30	-221	128	26	7
12/31/1987	36	-77	28	-64	104	31	-22
1/31/1988	37	-85	26	-38	119	27	-47
2/29/1988	38	-29	26	-93	125	19	-47
3/31/1988	39	16	30	-186	208	14	-81
4/30/1988	40	-114	22	-19	174	22	-85
5/31/1988	41	25	26	-194	231	14	-103
6/30/1988	42	42	27	-190	211	14	-104
7/31/1988	43	70	30	-245	220	19	-95
8/31/1988	44	77	30	-242	209	20	-95
9/30/1988	45	92	30	-248	198	20	-92
10/31/1988	46	87	36	-248	198	21	-94
11/30/1988	47	12	34	-129	147	24	-88
12/31/1988	48	-56	31	-47	110	28	-66

Table C-3. Flow Budget for the LAS in the Forebay

(page 2 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Flux from Santa Paula	MNW2	Forebay UAS	Mound LAS	Oxnard Plain LAS
1/31/1989	49	77	35	-219	150	23	-66
2/28/1989	50	-71	27	-35	115	25	-61
3/31/1989	51	7	30	-136	156	25	-81
4/30/1989	52	76	32	-219	163	21	-74
5/31/1989	53	69	33	-212	163	23	-75
6/30/1989	54	70	33	-211	159	22	-73
7/31/1989	55	105	35	-366	181	19	27
8/31/1989	56	92	35	-367	180	19	40
9/30/1989	57	90	36	-368	177	18	47
10/31/1989	58	83	36	-368	181	19	49
11/30/1989	59	65	38	-317	160	18	36
12/31/1989	60	81	41	-372	177	19	55
1/31/1990	61	-40	36	-150	122	25	6
2/28/1990	62	-8	28	-181	120	22	19
3/31/1990	63	209	34	-592	195	12	142
4/30/1990	64	171	35	-585	203	11	164
5/31/1990	65	94	36	-467	184	18	135
6/30/1990	66	150	36	-586	208	13	179
7/31/1990	67	75	38	-515	217	18	166
8/31/1990	68	72	40	-512	216	19	165
9/30/1990	69	78	40	-515	212	18	166
10/31/1990	70	73	39	-513	214	20	168
11/30/1990	71	75	42	-516	207	19	173
12/31/1990	72	69	45	-516	209	20	173
1/31/1991	73	-48	43	-280	163	21	101
2/28/1991	74	-137	35	-86	112	26	50
3/31/1991	75	-310	31	28	220	35	-3
4/30/1991	76	21	28	-432	315	12	57
5/31/1991	77	30	27	-435	296	11	71
6/30/1991	78	57	28	-443	263	9	86
7/31/1991	79	17	30	-340	237	17	39
8/31/1991	80	32	31	-344	223	18	39
9/30/1991	81	44	32	-346	214	17	39
10/31/1991	82	30	38	-345	221	18	38
11/30/1991	83	40	37	-348	215	16	40
12/31/1991	84	-203	34	-22	154	31	6
1/31/1992	85	-174	29	-45	165	28	-3
2/29/1992	86	-255	23	28	210	27	-33
3/31/1992	87	-286	19	13	276	26	-48
4/30/1992	88	-93	18	-232	306	9	-8
5/31/1992	89	-83	19	-225	294	9	-13
6/30/1992	90	-45	19	-229	260	8	-13
7/31/1992	91	-23	22	-221	253	9	-41
8/31/1992	92	6	23	-225	228	10	-42
9/30/1992	93	24	22	-227	214	10	-43
10/31/1992	94	-133	21	-53	250	19	-103
11/30/1992	95	-35	21	-220	311	8	-85
12/31/1992	96	-208	17	17	239	18	-84

Table C-3. Flow Budget for the LAS in the Forebay

(page 3 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Flux from Santa Paula	MNW2	Forebay UAS	Mound LAS	Oxnard Plain LAS
1/31/1993	97	-210	14	21	220	20	-65
2/28/1993	98	-177	11	12	183	21	-50
3/31/1993	99	-174	10	-14	215	25	-62
4/30/1993	100	-85	9	-204	329	17	-66
5/31/1993	101	-61	8	-193	295	20	-69
6/30/1993	102	-29	7	-170	245	20	-74
7/31/1993	103	-8	9	-160	229	20	-90
8/31/1993	104	6	11	-166	229	20	-99
9/30/1993	105	-17	10	-162	260	17	-109
10/31/1993	106	-36	13	-158	280	16	-115
11/30/1993	107	-47	12	-118	246	16	-109
12/31/1993	108	-91	12	-48	211	20	-103
1/31/1994	109	18	12	-163	228	15	-108
2/28/1994	110	-113	12	16	146	22	-83
3/31/1994	111	-89	11	-22	169	24	-93
4/30/1994	112	31	12	-169	209	17	-101
5/31/1994	113	14	13	-154	222	19	-114
6/30/1994	114	39	12	-157	195	19	-107
7/31/1994	115	61	14	-152	185	15	-123
8/31/1994	116	74	16	-157	176	15	-123
9/30/1994	117	77	18	-159	170	14	-118
10/31/1994	118	64	21	-157	179	13	-120
11/30/1994	119	-35	21	-45	141	19	-101
12/31/1994	120	6	22	-100	152	15	-96
1/31/1995	121	-149	19	29	148	33	-79
2/28/1995	122	-70	13	-68	206	22	-103
3/31/1995	123	-168	10	26	191	35	-94
4/30/1995	124	2	10	-146	216	20	-101
5/31/1995	125	-73	8	-80	237	26	-117
6/30/1995	126	-1	7	-136	225	17	-112
7/31/1995	127	-18	9	-138	227	16	-96
8/31/1995	128	-17	10	-136	230	14	-101
9/30/1995	129	-13	10	-135	229	12	-103
10/31/1995	130	-27	11	-131	248	12	-113
11/30/1995	131	-16	10	-133	238	10	-110
12/31/1995	132	-101	9	-3	187	21	-113
1/31/1996	133	-39	10	-64	176	18	-100
2/29/1996	134	-123	8	19	174	24	-102
3/31/1996	135	-63	7	-43	186	20	-107
4/30/1996	136	25	8	-154	201	16	-96
5/31/1996	137	60	9	-172	182	12	-92
6/30/1996	138	69	11	-169	167	12	-90
7/31/1996	139	115	14	-210	179	9	-108
8/31/1996	140	116	15	-209	180	10	-113
9/30/1996	141	117	15	-209	181	9	-113
10/31/1996	142	-7	13	-68	169	20	-127
11/30/1996	143	-52	11	-19	146	22	-109
12/31/1996	144	-118	10	9	184	26	-112

Table C-3. Flow Budget for the LAS in the Forebay

(page 4 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Flux from Santa Paula	MNW2	Forebay UAS	Mound LAS	Oxnard Plain LAS
1/31/1997	145	-159	8	26	214	28	-118
2/28/1997	146	1	5	-83	195	18	-135
3/31/1997	147	-10	5	-64	207	20	-157
4/30/1997	148	25	5	-71	174	20	-153
5/31/1997	149	49	4	-74	151	21	-151
6/30/1997	150	64	10	-79	128	21	-144
7/31/1997	151	114	15	-178	153	21	-126
8/31/1997	152	104	16	-168	151	22	-125
9/30/1997	153	103	15	-168	151	21	-121
10/31/1997	154	84	19	-161	167	22	-131
11/30/1997	155	-45	19	-7	112	27	-106
12/31/1997	156	-100	15	21	133	30	-99
1/31/1998	157	-98	15	6	158	28	-109
2/28/1998	158	-135	11	26	138	36	-77
3/31/1998	159	-157	10	14	212	37	-115
4/30/1998	160	-112	7	-16	206	31	-117
5/31/1998	161	-142	5	17	204	33	-117
6/30/1998	162	15	3	-103	217	22	-153
7/31/1998	163	-34	6	-73	212	25	-136
8/31/1998	164	12	7	-86	169	22	-124
9/30/1998	165	-1	6	-59	164	20	-131
10/31/1998	166	-31	9	-74	225	19	-148
11/30/1998	167	-89	6	-15	214	21	-137
12/31/1998	168	-26	6	-75	211	17	-133
1/31/1999	169	-65	6	8	143	18	-111
2/28/1999	170	26	7	-52	131	0	-113
3/31/1999	171	-62	7	17	130	18	-109
4/30/1999	172	-60	6	4	148	17	-113
5/31/1999	173	64	5	-75	131	-5	-121
6/30/1999	174	71	7	-63	106	-7	-114
7/31/1999	175	83	9	-54	109	6	-152
8/31/1999	176	96	12	-62	108	7	-161
9/30/1999	177	93	13	-62	114	7	-165
10/31/1999	178	75	14	-57	138	7	-178
11/30/1999	179	44	14	-34	105	14	-144
12/31/1999	180	97	17	-69	108	7	-161
1/31/2000	181	22	12	-5	83	13	-126
2/29/2000	182	-49	16	13	87	23	-91
3/31/2000	183	-72	13	7	158	19	-125
4/30/2000	184	-64	10	4	146	19	-115
5/31/2000	185	81	13	-69	144	-8	-160
6/30/2000	186	95	11	-64	127	-10	-158
7/31/2000	187	79	16	-81	123	7	-146
8/31/2000	188	87	16	-84	116	8	-143
9/30/2000	189	75	16	-82	129	7	-145
10/31/2000	190	-40	13	-8	182	15	-163
11/30/2000	191	40	16	-76	174	5	-160
12/31/2000	192	62	18	-80	142	5	-147

Table C-3. Flow Budget for the LAS in the Forebay

(page 5 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Flux from Santa Paula	MNW2	Forebay UAS	Mound LAS	Oxnard Plain LAS
1/31/2001	193	-79	15	20	108	21	-85
2/28/2001	194	-90	12	14	116	21	-74
3/31/2001	195	-142	10	28	182	25	-103
4/30/2001	196	-60	8	-8	180	8	-129
5/31/2001	197	39	12	-59	171	-7	-156
6/30/2001	198	64	11	-60	140	-9	-147
7/31/2001	199	73	13	-73	121	4	-138
8/31/2001	200	81	13	-74	111	5	-135
9/30/2001	201	58	14	-67	137	4	-144
10/31/2001	202	-3	13	-50	205	3	-167
11/30/2001	203	-107	12	20	160	19	-105
12/31/2001	204	-32	13	-27	130	12	-96
1/31/2002	205	-30	14	-9	116	14	-105
2/28/2002	206	47	11	-46	100	6	-118
3/31/2002	207	45	14	-41	102	8	-127
4/30/2002	208	54	15	-43	92	8	-126
5/31/2002	209	56	16	-43	90	9	-128
6/30/2002	210	62	15	-45	83	9	-125
7/31/2002	211	255	19	-271	104	3	-110
8/31/2002	212	223	21	-266	113	4	-95
9/30/2002	213	196	23	-266	125	3	-82
10/31/2002	214	171	27	-264	132	5	-71
11/30/2002	215	-127	22	-4	114	25	-30
12/31/2002	216	-116	20	-16	121	27	-36
1/31/2003	217	3	23	-59	107	11	-85
2/28/2003	218	-136	18	39	100	24	-46
3/31/2003	219	-128	18	30	108	25	-53
4/30/2003	220	-44	19	-7	106	12	-86
5/31/2003	221	-91	18	19	128	16	-91
6/30/2003	222	29	18	-54	115	5	-113
7/31/2003	223	28	22	-61	117	2	-108
8/31/2003	224	45	23	-65	110	0	-114
9/30/2003	225	56	24	-68	104	-1	-116
10/31/2003	226	55	24	-66	109	-1	-121
11/30/2003	227	-15	24	-2	82	14	-104
12/31/2003	228	-14	25	-14	81	13	-91
1/31/2004	229	51	28	-50	91	1	-121
2/29/2004	230	-86	19	32	89	18	-74
3/31/2004	231	1	20	-22	117	3	-119
4/30/2004	232	37	20	-39	112	-2	-128
5/31/2004	233	49	21	-48	103	-1	-124
6/30/2004	234	58	21	-53	92	-1	-117
7/31/2004	235	161	26	-215	116	2	-91
8/31/2004	236	143	26	-212	120	5	-83
9/30/2004	237	137	27	-213	118	6	-75
10/31/2004	238	-114	23	17	104	25	-55
11/30/2004	239	120	27	-207	128	7	-75
12/31/2004	240	-128	23	18	103	28	-45

Table C-3. Flow Budget for the LAS in the Forebay

(page 6 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Flux from Santa Paula	MNW2	Forebay UAS	Mound LAS	Oxnard Plain LAS
1/31/2005	241	-218	18	82	166	32	-80
2/28/2005	242	-197	14	67	162	30	-75
3/31/2005	243	-220	13	73	220	29	-114
4/30/2005	244	-137	9	10	247	11	-140
5/31/2005	245	-86	9	-18	256	4	-165
6/30/2005	246	-69	6	-21	247	3	-166
7/31/2005	247	-81	9	-27	239	12	-152
8/31/2005	248	-27	9	-55	192	11	-132
9/30/2005	249	-60	8	-24	223	9	-157
10/31/2005	250	-97	8	17	196	17	-140
11/30/2005	251	12	10	-66	166	8	-130
12/31/2005	252	21	13	-71	155	8	-125
1/31/2006	253	-74	10	20	144	22	-123
2/28/2006	254	-46	8	3	116	20	-100
3/31/2006	255	-114	7	42	170	22	-128
4/30/2006	256	-133	5	51	189	23	-134
5/31/2006	257	-48	3	-2	198	22	-173
6/30/2006	258	96	6	-132	190	10	-176
7/31/2006	259	27	7	-52	156	9	-148
8/31/2006	260	48	9	-61	135	8	-139
9/30/2006	261	36	9	-50	144	7	-146
10/31/2006	262	5	10	-25	174	7	-171
11/30/2006	263	43	12	-54	139	6	-146
12/31/2006	264	15	13	-43	123	13	-121
1/31/2007	265	-32	13	-20	102	18	-81
2/28/2007	266	28	14	-91	109	7	-67
3/31/2007	267	51	16	-101	123	3	-93
4/30/2007	268	14	16	-56	101	11	-87
5/31/2007	269	78	17	-112	105	3	-92
6/30/2007	270	83	19	-113	98	3	-91
7/31/2007	271	108	22	-164	112	3	-80
8/31/2007	272	101	23	-159	112	2	-79
9/30/2007	273	73	23	-138	131	0	-90
10/31/2007	274	51	23	-116	156	0	-114
11/30/2007	275	74	24	-140	138	-1	-95
12/31/2007	276	-54	20	16	111	17	-111
1/31/2008	277	-108	16	48	129	27	-112
2/29/2008	278	-106	13	6	189	26	-128
3/31/2008	279	4	14	-181	247	33	-117
4/30/2008	280	39	14	-204	212	31	-92
5/31/2008	281	62	17	-221	186	33	-75
6/30/2008	282	79	18	-231	164	32	-61
7/31/2008	283	84	21	-203	163	25	-89
8/31/2008	284	92	22	-204	156	26	-92
9/30/2008	285	88	22	-199	160	25	-96
10/31/2008	286	13	23	-141	229	26	-149
11/30/2008	287	-71	17	-1	139	26	-110
12/31/2008	288	-40	18	-28	109	25	-83

Table C-3. Flow Budget for the LAS in the Forebay

(page 7 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Flux from Santa Paula	MNW2	Forebay UAS	Mound LAS	Oxnard Plain LAS
1/31/2009	289	49	23	-149	120	34	-78
2/28/2009	290	-90	19	16	91	22	-57
3/31/2009	291	19	24	-136	135	33	-75
4/30/2009	292	35	23	-141	126	33	-77
5/31/2009	293	42	24	-142	122	34	-80
6/30/2009	294	49	26	-145	114	34	-77
7/31/2009	295	117	28	-241	144	24	-71
8/31/2009	296	113	29	-242	146	25	-72
9/30/2009	297	113	29	-249	146	26	-68
10/31/2009	298	-39	24	-15	118	30	-119
11/30/2009	299	118	28	-236	150	27	-86
12/31/2009	300	-90	24	11	138	28	-112
1/31/2010	301	-128	20	46	131	28	-97
2/28/2010	302	-106	17	23	125	25	-84
3/31/2010	303	4	24	-126	172	31	-106
4/30/2010	304	-66	21	-26	138	29	-95
5/31/2010	305	34	24	-142	149	32	-97
6/30/2010	306	42	26	-144	139	32	-95
7/31/2010	307	82	30	-231	175	31	-87
8/31/2010	308	82	32	-231	176	31	-90
9/30/2010	309	87	32	-237	172	31	-88
10/31/2010	310	-64	30	-41	129	28	-82
11/30/2010	311	25	31	-156	151	26	-78
12/31/2010	312	-153	25	47	137	26	-82
1/31/2011	313	-57	24	-85	222	27	-132
2/28/2011	314	-135	18	30	164	23	-101
3/31/2011	315	-163	16	45	170	25	-94
4/30/2011	316	-66	16	-87	245	26	-134
5/31/2011	317	-25	16	-95	206	28	-129
6/30/2011	318	11	16	-126	187	28	-116
7/31/2011	319	25	19	-153	184	41	-117
8/31/2011	320	37	20	-157	172	42	-114
9/30/2011	321	37	21	-154	169	41	-115
10/31/2011	322	-66	21	-34	180	35	-136
11/30/2011	323	-46	19	-56	149	32	-98
12/31/2011	324	42	23	-161	164	39	-107
1/31/2012	325	-20	23	-81	129	26	-78
2/29/2012	326	74	24	-172	140	25	-91
3/31/2012	327	-47	21	-34	113	26	-79
4/30/2012	328	-28	20	-62	118	25	-73
5/31/2012	329	72	24	-168	144	27	-98
6/30/2012	330	73	25	-167	142	27	-101
7/31/2012	331	93	28	-227	169	35	-97
8/31/2012	332	92	29	-226	167	36	-98
9/30/2012	333	93	29	-229	165	36	-94
10/31/2012	334	64	30	-209	188	36	-109
11/30/2012	335	-7	27	-80	125	30	-94
12/31/2012	336	-28	26	-44	97	29	-80

Table C-3. Flow Budget for the LAS in the Forebay

(page 8 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Flux from Santa Paula	MNW2	Forebay UAS	Mound LAS	Oxnard Plain LAS
1/31/2013	337	1	27	-51	87	22	-87
2/28/2013	338	77	27	-132	107	17	-95
3/31/2013	339	20	30	-78	100	20	-92
4/30/2013	340	69	31	-128	111	18	-101
5/31/2013	341	65	31	-124	115	20	-107
6/30/2013	342	65	32	-125	114	19	-105
7/31/2013	343	212	35	-306	121	23	-85
8/31/2013	344	187	37	-304	123	25	-67
9/30/2013	345	170	37	-304	125	25	-52
10/31/2013	346	148	40	-302	129	27	-41
11/30/2013	347	132	37	-289	123	27	-31
12/31/2013	348	123	39	-303	133	29	-21
1/31/2014	349	12	39	-209	158	32	-31
2/28/2014	350	-123	34	-14	86	31	-15
3/31/2014	351	-80	33	-101	137	32	-21
4/30/2014	352	36	34	-205	159	30	-54
5/31/2014	353	40	36	-203	165	31	-69
6/30/2014	354	51	36	-207	163	30	-73
7/31/2014	355	190	36	-557	157	30	141
8/31/2014	356	143	35	-562	157	31	192
9/30/2014	357	127	32	-564	156	31	213
10/31/2014	358	98	37	-563	161	33	229
11/30/2014	359	37	36	-464	142	35	215
12/31/2014	360	-206	32	-50	105	37	82
1/31/2015	361	-126	32	-98	92	35	65
2/28/2015	362	67	30	-395	126	32	139
3/31/2015	363	8	36	-362	136	34	147
4/30/2015	364	29	38	-389	140	33	148
5/31/2015	365	24	38	-387	141	34	149
6/30/2015	366	34	37	-389	138	32	147
7/31/2015	367	48	40	-469	151	35	196
8/31/2015	368	44	38	-470	152	35	200
9/30/2015	369	47	39	-471	150	36	198
10/31/2015	370	43	39	-472	153	36	199
11/30/2015	371	49	40	-474	150	35	197
12/31/2015	372	40	40	-472	155	37	198
monthly average		8	21	-139	162	20	-71
annual average		91	251	-1,670	1,948	236	-857

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

(page 1 of 13)

		Influx(+) or Outflux(-), in acre-feet per month														
							Coastal Flux		Coastal flux from		Costal Flux from					
							Forebay	Mound	Pleasant	West Las	Flux	Channel	Arnold			
Date	Stress Period	Tile					Semi-Perched	Semi-Perched	Semi-Perched	Semi-Perched	Islands	Harbor to	Point	Oxnard	Santa Clara	Calleguas
		Storage	Drains	Recharge	MNW2	ET	Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain	UAS	Percolation
1/31/1985	1	-48	-358	1,381	-1	-701	-3	-188	37	31	-164	-74	97	-149	-57	196
2/28/1985	2	-458	-262	1,327	-1	-551	-2	-129	42	4	-141	-60	76	4	-40	190
3/31/1985	3	-121	-255	1,487	-1	-543	-1	-121	53	-7	-146	-61	78	-499	-39	175
4/30/1985	4	586	-224	1,740	-2	-461	1	-107	58	-7	-137	-57	73	-1,478	-38	52
5/31/1985	5	899	-216	1,693	-2	-432	1	-103	71	-7	-138	-59	74	-1,779	-39	36
6/30/1985	6	829	-196	1,731	-2	-389	1	-94	82	-11	-132	-58	70	-1,794	-39	0
7/31/1985	7	863	-195	1,714	-3	-396	0	-91	93	-13	-132	-61	69	-1,846	-38	36
8/31/1985	8	843	-187	1,701	-3	-392	0	-86	101	-15	-129	-61	67	-1,837	-36	33
9/30/1985	9	697	-180	1,713	-3	-382	0	-79	106	-13	-123	-60	64	-1,770	-34	65
10/31/1985	10	757	-185	1,681	-3	-405	-1	-77	116	-13	-125	-62	64	-1,818	-35	107
11/30/1985	11	-1,217	-233	3,005	0	-489	0	-73	109	-11	-122	-60	53	-1,226	-39	304
12/31/1985	12	536	-235	1,548	-3	-510	-3	-71	112	-10	-122	-57	57	-1,383	-37	177
1/31/1986	13	-1,466	-287	2,653	-1	-576	0	-80	110	-7	-122	-56	54	-989	431	337
2/28/1986	14	-3,816	-407	4,748	-1	-676	2	-56	100	-2	-114	-54	36	-725	442	523
3/31/1986	15	-2,809	-530	3,676	-1	-827	2	-61	109	-6	-124	-55	39	-209	303	494
4/30/1986	16	-561	-448	1,601	-2	-745	1	-66	104	-14	-116	-48	47	-192	213	226
5/31/1986	17	-57	-425	2,098	-6	-712	1	-63	113	-10	-122	-50	54	-935	-66	180
6/30/1986	18	358	-383	2,049	-6	-647	0	-55	116	-8	-121	-51	55	-1,389	-70	151
7/31/1986	19	555	-369	1,591	-5	-633	-1	-57	123	-7	-123	-52	58	-1,158	-57	134
8/31/1986	20	795	-348	1,571	-5	-605	-1	-57	125	-8	-120	-52	59	-1,426	-53	124
9/30/1986	21	674	-325	1,343	-3	-581	-1	-55	120	-7	-113	-49	56	-1,174	-46	161
10/31/1986	22	874	-326	1,560	-5	-582	0	-56	126	-6	-116	-49	59	-1,564	-45	131
11/30/1986	23	630	-318	1,229	-3	-580	-2	-54	120	-8	-110	-47	55	-1,116	-40	243
12/31/1986	24	866	-313	1,566	-5	-561	-1	-56	126	-10	-112	-47	59	-1,532	-40	60
1/31/1987	25	259	-325	1,562	-2	-581	-1	-56	121	-11	-110	-47	57	-1,036	-38	209
2/28/1987	26	101	-301	1,509	-3	-531	0	-50	106	-10	-98	-41	51	-867	-33	169
3/31/1987	27	-42	-340	1,602	-2	-595	0	-55	114	-9	-107	-43	56	-720	-36	176
4/30/1987	28	260	-341	1,990	-7	-557	0	-53	115	-8	-105	-42	57	-1,394	-35	120
5/31/1987	29	484	-351	1,975	-7	-549	-1	-54	127	-8	-111	-47	61	-1,562	-39	81
6/30/1987	30	495	-339	2,003	-7	-506	-1	-51	129	-7	-109	-48	60	-1,618	-39	38
7/31/1987	31	605	-344	1,951	-3	-517	-3	-53	136	-5	-113	-52	60	-1,665	-41	43

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

(page 2 of 13)

		Influx(+) or Outflux(-), in acre-feet per month														
							Coastal	Coastal flux	Costal Flux							
							Flux	from	from							
Date	Stress Period	Tile Storage Drains Recharge MNW2 ET					Forebay	Mound	Pleasant	West Las	north to	Channel	Arnold	Oxnard	Santa Clara	Calleguas
							Semi-Perched	Semi-Perched	Semi-Perched	Semi-Perched	Islands	Harbor to	Road to		River	Creek
							Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain UAS	Percolation	Percolation
8/31/1987	32	671	-339	1,932	-3	-517	-4	-52	139	-6	-113	-53	59	-1,752	-42	81
9/30/1987	33	702	-316	1,928	-3	-487	-4	-49	140	-6	-110	-52	57	-1,766	-42	9
10/31/1987	34	692	-322	1,477	-1	-549	-6	-52	138	-6	-110	-53	55	-1,517	-31	283
11/30/1987	35	555	-307	1,511	-1	-547	-5	-50	129	-5	-103	-49	51	-1,357	-29	208
12/31/1987	36	-506	-390	2,561	-1	-639	-4	-53	124	-4	-106	-49	49	-1,326	-29	371
1/31/1988	37	304	-379	1,568	-1	-644	-3	-52	119	-2	-102	-44	51	-1,104	-26	316
2/29/1988	38	-211	-340	1,362	-2	-590	-2	-71	109	-2	-94	-38	49	-1,033	619	242
3/31/1988	39	-321	-355	1,785	-3	-597	-1	-95	118	-1	-100	-40	56	-1,336	717	173
4/30/1988	40	208	-342	1,600	-1	-586	-2	-69	112	-1	-95	-37	52	-1,035	-27	221
5/31/1988	41	261	-345	1,846	-3	-564	-1	-58	118	0	-98	-38	59	-1,224	-33	80
6/30/1988	42	252	-328	1,871	-3	-527	-2	-51	117	0	-96	-38	58	-1,332	-33	112
7/31/1988	43	574	-328	1,704	-4	-524	-4	-49	124	-1	-99	-40	59	-1,428	-33	50
8/31/1988	44	656	-310	1,645	-4	-500	-4	-46	127	-2	-99	-41	59	-1,461	-33	14
9/30/1988	45	495	-301	1,680	-4	-494	-4	-42	124	-2	-96	-40	56	-1,461	-33	123
10/31/1988	46	725	-304	1,539	-4	-512	-5	-42	129	-2	-98	-42	57	-1,538	-33	131
11/30/1988	47	732	-275	1,337	-3	-495	-5	-40	124	-2	-94	-41	54	-1,389	-28	125
12/31/1988	48	-619	-368	2,665	-1	-598	-4	-44	125	-1	-96	-42	49	-1,368	-26	329
1/31/1989	49	621	-318	1,483	-4	-569	-4	-43	123	-1	-96	-39	53	-1,358	-29	182
2/28/1989	50	-109	-316	1,852	-1	-550	-3	-39	109	0	-86	-33	46	-1,140	-21	292
3/31/1989	51	574	-329	1,403	-4	-586	-4	-43	120	0	-94	-35	54	-1,234	-24	200
4/30/1989	52	487	-305	1,581	-4	-536	-4	-41	118	0	-91	-34	56	-1,340	-24	137
5/31/1989	53	580	-300	1,579	-4	-527	-4	-43	125	0	-94	-35	59	-1,440	-23	127
6/30/1989	54	527	-274	1,583	-4	-489	-5	-42	123	0	-90	-35	58	-1,453	-22	122
7/31/1989	55	666	-274	1,527	-4	-487	-5	-41	127	0	-92	-36	59	-1,502	-21	82
8/31/1989	56	655	-266	1,508	-4	-484	-5	-40	128	0	-91	-36	58	-1,531	-19	126
9/30/1989	57	645	-254	1,453	-4	-470	-4	-37	125	0	-87	-35	56	-1,517	-17	147
10/31/1989	58	708	-257	1,454	-4	-487	-5	-38	131	0	-88	-36	57	-1,590	-16	171
11/30/1989	59	690	-243	1,438	-4	-465	-4	-35	127	0	-84	-35	55	-1,566	-14	142
12/31/1989	60	757	-243	1,461	-4	-473	-5	-35	132	0	-86	-36	57	-1,652	-15	141
1/31/1990	61	624	-249	1,311	-6	-501	-4	-35	129	0	-83	-35	55	-1,504	-11	308
2/28/1990	62	533	-221	1,240	-7	-453	-3	-32	114	0	-72	-29	49	-1,316	-10	207

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

(page 3 of 13)

		Influx(+) or Outflux(-), in acre-feet per month															
							Coastal	Coastal flux	Costal Flux								
							Flux	from	from								
Date	Stress Period						Forebay	Mound	Pleasant	West Las							
							Semi-	Semi-	Valley	Posas	north to	Channel	Islands	Arnold			
							Perched	Perched	Perched	Perched	Islands	Harbor to	Point	Oxnard	Santa Clara	Calleguas	
		Tile					Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain	UAS	Percolation	Percolation
3/31/1990	63	618	-228	1,599	-15	-455	-3	-34	127	0	-80	-31	58	-1,603	-13		59
4/30/1990	64	582	-213	1,564	-15	-420	-3	-31	125	0	-77	-30	58	-1,621	-13		94
5/31/1990	65	727	-202	1,507	-15	-401	-3	-32	131	0	-78	-31	61	-1,676	-13		24
6/30/1990	66	848	-182	1,369	-15	-364	-2	-30	129	0	-75	-30	60	-1,695	-13		0
7/31/1990	67	937	-173	1,302	-7	-364	-2	-30	132	0	-76	-31	61	-1,736	-13		0
8/31/1990	68	926	-162	1,305	-7	-353	-2	-31	131	0	-74	-30	61	-1,752	-12		0
9/30/1990	69	857	-149	1,312	-7	-334	-1	-30	125	0	-71	-29	59	-1,722	-11		0
10/31/1990	70	892	-146	1,332	-7	-337	-1	-31	132	0	-71	-29	61	-1,785	-10		0
11/30/1990	71	742	-145	1,305	-7	-341	-1	-30	122	0	-68	-27	58	-1,739	-9		140
12/31/1990	72	803	-152	1,374	-7	-356	0	-32	124	0	-68	-27	59	-1,810	-9		100
1/31/1991	73	937	-142	1,093	-15	-361	0	-32	122	0	-65	-26	59	-1,711	-7		148
2/28/1991	74	276	-148	1,484	-4	-366	-1	-29	106	0	-57	-22	49	-1,529	-6		247
3/31/1991	75	-4,820	-344	5,523	-1	-611	0	-134	119	0	-74	-28	39	-2,350	2,079		600
4/30/1991	76	919	-273	1,535	-19	-520	0	-73	117	0	-66	-19	49	-1,769	-27		147
5/31/1991	77	920	-223	1,513	-19	-456	0	-50	123	0	-66	-17	57	-1,764	-18		0
6/30/1991	78	714	-181	1,546	-19	-393	0	-39	119	0	-63	-16	58	-1,710	-15		0
7/31/1991	79	699	-166	1,537	-5	-382	0	-35	122	0	-64	-16	59	-1,735	-15		0
8/31/1991	80	730	-152	1,472	-5	-365	0	-33	121	0	-63	-15	59	-1,736	-14		0
9/30/1991	81	682	-138	1,442	-5	-342	0	-30	115	0	-60	-15	57	-1,695	-13		0
10/31/1991	82	703	-137	1,444	-5	-345	1	-30	117	0	-60	-15	59	-1,751	-13		32
11/30/1991	83	626	-126	1,490	-5	-326	1	-28	114	0	-57	-14	57	-1,719	-12		0
12/31/1991	84	-1,052	-225	3,133	-1	-461	0	-33	115	0	-59	-16	49	-1,849	-11		409
1/31/1992	85	452	-222	1,407	-2	-485	0	-30	111	0	-56	-11	50	-1,512	-10		308
2/29/1992	86	-5,533	-538	5,734	0	-735	0	-98	108	0	-60	-16	23	-2,064	1,989		1,192
3/31/1992	87	-1,831	-611	3,259	-1	-836	0	-113	118	0	-61	-11	28	-1,790	1,135		715
4/30/1992	88	197	-458	1,377	-6	-734	0	-118	114	-1	-58	-4	41	-1,493	894		249
5/31/1992	89	865	-378	1,432	-6	-666	1	-74	117	-1	-61	-2	50	-1,429	-48		201
6/30/1992	90	607	-310	1,433	-6	-582	1	-51	112	-1	-60	-2	53	-1,331	-43		179
7/31/1992	91	545	-290	1,549	-10	-557	0	-42	117	-2	-62	-2	55	-1,391	-36		125
8/31/1992	92	513	-265	1,506	-10	-523	0	-36	118	-3	-62	-3	56	-1,383	-32		124
9/30/1992	93	433	-241	1,500	-10	-485	0	-32	115	-3	-61	-4	54	-1,357	-29		119

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

(page 4 of 13)

Stress Date Period		Influx(+) or Outflux(-), in acre-feet per month														
							Coastal			Coastal flux		Costal Flux				
							Forebay	Mound	Pleasant	West Las	Flux	from	from		Santa Clara	Calleguas
		Tile					Semi-Perched	Semi-Perched	Semi-Perched	Semi-Perched	Islands	Channel Harbor to	Road to Point	Oxnard	River	Creek
		Storage	Drains	Recharge	MNW2	ET	Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain UAS	Percolation	Percolation
10/31/1992	94	354	-243	1,446	-7	-503	0	-33	118	-2	-62	-5	55	-1,272	-25	179
11/30/1992	95	238	-233	1,581	-10	-475	0	-31	115	-1	-60	-4	54	-1,279	-22	128
12/31/1992	96	-1,996	-328	3,118	-1	-588	0	-67	117	-1	-63	-6	48	-1,318	693	392
1/31/1993	97	-4,661	-663	5,441	-1	-851	-1	-42	118	0	-69	-9	28	-1,336	890	1,156
2/28/1993	98	-3,757	-757	4,605	-1	-866	0	-10	104	-1	-62	-7	20	-911	693	950
3/31/1993	99	-1,344	-730	2,484	-2	-952	-1	-17	109	-4	-67	-2	31	-439	442	492
4/30/1993	100	-369	-565	1,327	-10	-833	0	-34	106	-12	-67	2	43	-225	376	261
5/31/1993	101	-410	-494	1,536	-10	-768	1	-51	109	-15	-72	2	52	-399	307	212
6/30/1993	102	-303	-424	1,516	-10	-677	1	-55	105	-13	-72	0	54	-593	295	176
7/31/1993	103	16	-406	1,395	-4	-661	1	-62	109	-9	-76	-2	55	-805	284	166
8/31/1993	104	84	-396	1,645	-4	-638	1	-50	109	-7	-78	-4	55	-814	-60	157
9/30/1993	105	-135	-374	1,589	-4	-600	1	-43	106	-8	-77	-5	53	-584	-54	137
10/31/1993	106	-365	-386	1,617	-4	-618	1	-42	109	-13	-81	-7	55	-408	-53	194
11/30/1993	107	-302	-362	1,372	-3	-592	1	-40	104	-16	-79	-7	53	-277	-48	195
12/31/1993	108	-613	-366	1,289	-1	-624	1	-41	104	-19	-80	-7	53	92	-47	258
1/31/1994	109	-225	-351	1,384	-6	-597	2	-43	103	-18	-82	-7	57	-345	-46	173
2/28/1994	110	-2,874	-430	3,235	-1	-632	1	-37	93	-16	-77	-11	43	143	201	361
3/31/1994	111	-1,243	-458	1,613	-2	-698	1	-47	100	-20	-83	-9	50	339	173	284
4/30/1994	112	-173	-408	1,368	-6	-631	2	-45	95	-20	-83	-7	54	-249	-54	156
5/31/1994	113	-62	-395	1,386	-6	-617	3	-46	99	-21	-88	-9	58	-383	-52	133
6/30/1994	114	215	-360	1,314	-6	-566	3	-45	97	-17	-87	-12	58	-641	-48	96
7/31/1994	115	339	-372	1,488	-9	-564	3	-45	103	-12	-92	-15	60	-904	-47	69
8/31/1994	116	404	-368	1,527	-9	-544	3	-45	106	-13	-94	-18	60	-1,010	-45	47
9/30/1994	117	261	-369	1,574	-9	-542	3	-42	105	-12	-92	-20	57	-1,023	-45	154
10/31/1994	118	195	-388	1,639	-9	-565	3	-43	111	-14	-96	-22	58	-962	-45	138
11/30/1994	119	1	-367	1,360	-4	-554	2	-43	106	-12	-91	-22	55	-542	-37	150
12/31/1994	120	9	-371	1,352	-5	-579	2	-46	107	-11	-92	-22	56	-534	-37	170
1/31/1995	121	-8,645	-1,070	9,294	0	-1,019	3	-6	112	-7	-110	-40	19	-214	435	1,247
2/28/1995	122	-214	-753	1,074	-4	-856	1	-23	98	-8	-92	-26	34	284	211	273
3/31/1995	123	-4,659	-1,073	4,959	0	-1,067	2	-10	105	-18	-105	-31	27	855	183	832
4/30/1995	124	-67	-844	1,322	-6	-949	2	-22	97	-23	-100	-25	42	93	170	309

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

(page 5 of 13)

		Influx(+) or Outflux(-), in acre-feet per month															
							Coastal Flux		Coastal flux from		Costal Flux from						
							Forebay	Mound	Pleasant	West Las							
							Semi-Perched	Semi-Perched	Valley Semi-Perched	Posas Semi-Perched	north to Channel Islands	Channel Harbor to	Road to Point Mugu	Oxnard Plain	Santa Clara River Percolation	Calleguas Creek Percolation	
Date	Stress Period	Tile Storage	Drains	Recharge	MNW2	ET	Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain	UAS	Percolation	Percolation
5/31/1995	125	-360	-731	1,176	-5	-886	2	-33	98	-26	-102	-24	50	449	132	260	
6/30/1995	126	-429	-619	1,317	-6	-785	3	-43	94	-27	-100	-24	53	222	121	223	
7/31/1995	127	-573	-593	1,443	-4	-762	3	-41	94	-28	-102	-25	55	435	-75	174	
8/31/1995	128	-702	-563	1,522	-4	-726	3	-40	91	-29	-101	-26	56	437	-72	153	
9/30/1995	129	-667	-530	1,502	-4	-682	3	-39	86	-28	-98	-26	55	338	-67	158	
10/31/1995	130	-848	-535	1,490	-4	-689	3	-49	87	-31	-101	-27	57	384	99	163	
11/30/1995	131	-670	-508	1,394	-4	-655	3	-50	83	-31	-97	-27	55	256	99	153	
12/31/1995	132	-1,221	-523	1,271	-1	-705	2	-53	84	-36	-99	-28	54	885	72	300	
1/31/1996	133	-778	-509	1,075	-1	-703	1	-55	80	-37	-98	-28	55	662	73	262	
2/29/1996	134	-4,203	-680	3,975	0	-779	2	-41	74	-40	-97	-30	42	1,297	65	416	
3/31/1996	135	-1,198	-654	1,101	-1	-792	2	-48	76	-49	-101	-28	52	1,358	31	252	
4/30/1996	136	-628	-587	1,233	-2	-723	2	-53	71	-44	-99	-27	55	609	12	181	
5/31/1996	137	-161	-584	1,388	-3	-710	2	-59	73	-38	-104	-29	59	9	11	144	
6/30/1996	138	363	-547	1,350	-3	-661	2	-55	73	-29	-103	-30	59	-471	-79	133	
7/31/1996	139	823	-564	1,600	-2	-649	3	-55	81	-23	-109	-35	60	-1,076	-81	25	
8/31/1996	140	1,017	-571	1,551	-2	-653	3	-54	86	-21	-111	-38	60	-1,334	-79	147	
9/30/1996	141	1,015	-563	1,625	-2	-631	3	-51	89	-20	-110	-40	57	-1,425	-76	130	
10/31/1996	142	273	-587	1,498	-1	-676	3	-58	93	-21	-114	-43	57	-790	149	217	
11/30/1996	143	-727	-605	1,901	0	-697	3	-59	90	-20	-111	-43	52	-161	100	276	
12/31/1996	144	-3,490	-875	4,048	0	-880	2	-49	90	-23	-118	-50	41	692	92	518	
1/31/1997	145	-3,160	-987	3,238	0	-946	2	-41	86	-35	-118	-48	40	1,434	59	475	
2/28/1997	146	-356	-782	1,242	-1	-783	2	-43	76	-34	-105	-39	46	555	36	186	
3/31/1997	147	-143	-773	1,354	-1	-796	2	-49	84	-38	-117	-43	56	415	-101	150	
4/30/1997	148	266	-694	1,385	-1	-725	2	-48	82	-32	-113	-42	57	-173	-92	128	
5/31/1997	149	866	-660	1,268	-1	-694	2	-51	87	-26	-117	-45	62	-649	-90	49	
6/30/1997	150	1,046	-603	1,242	-1	-643	2	-50	86	-19	-114	-45	61	-962	-84	83	
7/31/1997	151	1,312	-633	1,567	-1	-670	2	-51	93	-17	-121	-50	61	-1,550	-86	145	
8/31/1997	152	1,159	-647	1,796	-1	-676	2	-51	97	-16	-123	-53	59	-1,615	-84	154	
9/30/1997	153	1,033	-637	1,813	-1	-657	2	-49	98	-17	-121	-53	57	-1,534	-80	148	
10/31/1997	154	917	-664	1,867	-1	-682	2	-50	105	-16	-126	-57	58	-1,445	-80	172	
11/30/1997	155	139	-654	1,808	0	-706	2	-46	100	-14	-121	-56	52	-735	-77	308	

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

(page 6 of 13)

		Influx(+) or Outflux(-), in acre-feet per month															
								Coastal Flux	Coastal flux from	Costal Flux from							
								Pleasant Valley	West Las Posas	Flux north to	Channel Islands	Arnold Road to	Oxnard Plain	Santa Clara River	Calleguas Creek		
		Forebay Semi-Perched	Mound Semi-Perched	Valley Semi-Perched	Posas Semi-Perched	Islands Harbor	Channel Islands	Harbor to Arnold Road	Mugu Point	UAS	Percolation	Percolation	Percolation	Percolation	Percolation	Percolation	
Date	Stress Period	Tile Storage	Drains	Recharge	MNW2	ET	Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain	UAS	Percolation	Percolation
12/31/1997	156	-3,153	-944	4,530	0	-901	2	-40	102	-11	-130	-62	42	-197	150	612	
1/31/1998	157	-858	-892	2,028	0	-896	2	-44	97	-11	-128	-57	46	237	90	385	
2/28/1998	158	-10,506	-1,932	11,877	0	-1,191	10	42	91	-12	-133	-76	0	365	186	1,279	
3/31/1998	159	-777	-1,648	1,889	0	-1,243	2	17	99	-28	-138	-64	26	1,320	12	534	
4/30/1998	160	-749	-1,319	1,429	0	-1,126	1	17	88	-40	-129	-57	37	1,432	38	378	
5/31/1998	161	-1,469	-1,203	1,739	0	-1,090	1	8	84	-53	-130	-58	45	1,764	1	360	
6/30/1998	162	-287	-1,052	1,711	0	-964	2	-13	81	-56	-130	-56	51	500	-26	238	
7/31/1998	163	-176	-978	1,348	0	-922	1	-20	83	-57	-131	-58	55	660	-24	217	
8/31/1998	164	190	-910	1,408	0	-868	1	-32	82	-46	-129	-58	57	150	-38	195	
9/30/1998	165	235	-834	1,362	0	-806	0	-35	80	-39	-124	-57	56	39	-70	193	
10/31/1998	166	-248	-823	1,388	0	-801	1	-41	82	-46	-128	-59	58	453	-16	180	
11/30/1998	167	-757	-764	1,176	0	-770	1	-40	77	-56	-122	-58	55	1,053	-7	213	
12/31/1998	168	-728	-757	1,207	0	-790	1	-44	76	-61	-125	-59	56	1,011	-13	225	
1/31/1999	169	-944	-761	1,359	0	-792	1	-46	74	-57	-124	-58	56	1,074	-28	246	
2/28/1999	170	-82	-687	1,157	0	-706	2	-44	68	-41	-112	-52	53	253	-32	223	
3/31/1999	171	-1,533	-861	2,208	0	-827	1	-51	73	-45	-126	-60	53	925	-53	295	
4/30/1999	172	-1,135	-853	1,688	0	-804	1	-49	67	-49	-121	-58	52	1,079	-55	237	
5/31/1999	173	387	-847	1,372	0	-793	1	-56	72	-37	-126	-59	58	-78	-65	170	
6/30/1999	174	886	-790	1,356	0	-740	0	-54	74	-23	-124	-58	58	-621	-113	150	
7/31/1999	175	1,226	-795	1,412	0	-746	-1	-55	80	-19	-129	-62	60	-971	-116	117	
8/31/1999	176	1,534	-771	1,356	0	-733	0	-55	85	-16	-131	-64	60	-1,275	-113	125	
9/30/1999	177	1,395	-746	1,428	0	-711	0	-53	85	-16	-127	-64	57	-1,293	-107	152	
10/31/1999	178	1,288	-764	1,546	0	-729	1	-54	92	-17	-133	-67	59	-1,245	-108	130	
11/30/1999	179	1,222	-708	1,218	0	-711	1	-52	89	-17	-128	-67	56	-988	-100	186	
12/31/1999	180	1,566	-714	1,392	0	-722	1	-53	96	-17	-133	-69	58	-1,447	-100	142	
1/31/2000	181	1,122	-686	1,304	0	-725	2	-53	94	-17	-133	-71	58	-988	-97	191	
2/29/2000	182	-2,396	-897	4,074	0	-816	2	-38	89	-13	-132	-72	43	-335	72	419	
3/31/2000	183	-396	-900	1,647	0	-858	1	-41	91	-15	-137	-72	51	316	46	268	
4/30/2000	184	-957	-873	1,846	0	-839	1	-39	83	-21	-131	-68	49	631	19	297	
5/31/2000	185	747	-861	1,635	0	-821	2	-42	89	-18	-137	-69	56	-649	-119	186	
6/30/2000	186	1,286	-790	1,525	0	-758	2	-41	90	-13	-134	-68	57	-1,208	-110	162	

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month															
								Coastal	Coastal flux	Costal Flux							
								Pleasant	West Las	Flux	from	from					
								Valley	Posas	north to	Channel	Arnold					
Date	Stress Period	Tile					Forebay	Mound	Valley	Posas	Islands	Channel	Road to	Oxnard	Santa Clara	Calleguas	
		Storage	Drains	Recharge	MNW2	ET	Semi- Perched Aquifer	Semi- Perched Aquifer	Semi- Perched Aquifer	Semi- Perched Aquifer	Islands Harbor	Harbor to Arnold Road	Point Mugu	Plain UAS	Percolation	Percolation	
7/31/2000	187	1,526	-762	1,309	0	-757	2	-42	96	-11	-138	-71	58	-1,246	-107	144	
8/31/2000	188	1,630	-718	1,287	0	-731	1	-43	99	-12	-137	-72	59	-1,383	-102	121	
9/30/2000	189	1,297	-674	1,366	0	-687	1	-41	98	-11	-132	-70	57	-1,194	-93	82	
10/31/2000	190	549	-683	1,376	0	-716	2	-43	101	-9	-134	-72	58	-501	-89	163	
11/30/2000	191	685	-658	1,451	0	-687	1	-42	99	-11	-129	-69	56	-748	-82	132	
12/31/2000	192	1,021	-662	1,392	0	-705	1	-43	104	-8	-132	-70	58	-1,039	-81	164	
1/31/2001	193	-1,976	-847	3,559	0	-826	2	-45	102	-8	-136	-75	49	-360	135	425	
2/28/2001	194	-2,885	-1,003	4,054	0	-876	2	-28	90	-8	-124	-70	35	152	100	561	
3/31/2001	195	-2,696	-1,200	3,191	0	-1,035	1	-7	98	-22	-137	-74	42	1,046	109	684	
4/30/2001	196	-136	-1,010	1,216	0	-932	1	-25	93	-26	-129	-66	47	692	23	252	
5/31/2001	197	589	-933	1,500	0	-884	1	-31	97	-24	-134	-67	55	-252	-118	203	
6/30/2001	198	1,020	-827	1,480	0	-799	1	-32	96	-18	-131	-66	56	-840	-108	169	
7/31/2001	199	1,148	-816	1,471	0	-799	1	-36	97	-13	-134	-69	57	-978	-103	173	
8/31/2001	200	1,328	-778	1,436	0	-772	1	-38	98	-10	-133	-69	57	-1,175	-96	152	
9/30/2001	201	953	-742	1,523	0	-734	1	-39	97	-9	-128	-67	55	-971	-87	147	
10/31/2001	202	431	-752	1,558	0	-748	1	-41	101	-15	-131	-69	57	-473	-85	166	
11/30/2001	203	-1,113	-786	2,220	0	-765	1	-40	93	-19	-126	-69	51	386	-84	250	
12/31/2001	204	-127	-774	1,395	0	-790	1	-43	92	-20	-127	-68	52	279	-81	210	
1/31/2002	205	362	-710	946	0	-763	1	-44	90	-19	-124	-64	56	136	-76	210	
2/28/2002	206	650	-624	1,129	0	-667	1	-41	81	-11	-112	-57	53	-494	-66	158	
3/31/2002	207	940	-667	1,201	0	-716	1	-48	90	-12	-123	-63	60	-761	-70	166	
4/30/2002	208	1,119	-616	1,112	0	-671	1	-48	89	-11	-119	-61	59	-941	-65	152	
5/31/2002	209	1,212	-606	1,107	0	-673	1	-51	93	-11	-123	-64	62	-1,036	-64	152	
6/30/2002	210	1,221	-561	1,059	0	-633	0	-50	92	-12	-119	-62	60	-1,068	-60	131	
7/31/2002	211	1,170	-601	1,428	0	-657	-1	-51	102	-12	-124	-66	60	-1,328	-60	140	
8/31/2002	212	1,188	-610	1,441	0	-661	-1	-51	108	-12	-125	-67	59	-1,373	-58	161	
9/30/2002	213	1,056	-599	1,533	0	-639	-1	-48	110	-11	-121	-66	57	-1,355	-55	140	
10/31/2002	214	1,175	-614	1,504	0	-660	-2	-49	118	-10	-125	-70	59	-1,434	-55	163	
11/30/2002	215	-829	-688	2,680	0	-717	0	-59	114	-7	-124	-70	51	-958	270	337	
12/31/2002	216	-305	-763	2,407	0	-784	0	-53	112	-5	-127	-71	50	-700	-70	308	
1/31/2003	217	1,337	-677	1,116	0	-737	-1	-48	113	-4	-125	-67	56	-1,092	-63	193	

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month																
								Coastal	Coastal flux	Costal Flux								
								Pleasant	West Las	Flux	from	from						
Date	Stress Period	Tile Storage Drains Recharge MNW2 ET					Forebay	Mound	Valley	Posas	north to	Channel	Arnold	Santa Clara River				Calleguas
							Semi- Perched	Semi- Perched	Semi- Perched	Semi- Perched	Islands	Harbor to	Road to					Oxnard
							Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu					
2/28/2003	218	-2,293	-827	3,797	0	-797	1	-44	101	-2	-116	-65	40	-568	258	518		
3/31/2003	219	-782	-900	2,406	0	-885	1	-49	105	-2	-127	-68	47	-316	213	357		
4/30/2003	220	480	-770	1,149	0	-806	0	-52	101	-1	-120	-61	50	-445	220	256		
5/31/2003	221	-69	-729	1,239	0	-806	1	-56	100	-2	-122	-62	53	2	184	265		
6/30/2003	222	877	-638	1,276	0	-698	0	-50	99	-1	-117	-58	57	-680	-67	0		
7/31/2003	223	1,036	-623	1,305	0	-675	0	-49	104	-1	-121	-60	60	-911	-65	0		
8/31/2003	224	1,069	-592	1,296	0	-640	-1	-48	108	-2	-121	-61	61	-1,008	-61	0		
9/30/2003	225	1,061	-554	1,321	0	-599	-1	-46	107	-3	-117	-60	60	-1,113	-56	0		
10/31/2003	226	1,008	-556	1,419	0	-601	-2	-47	114	-4	-120	-63	62	-1,156	-55	0		
11/30/2003	227	917	-509	1,145	0	-572	-1	-43	110	-3	-115	-60	59	-876	-51	0		
12/31/2003	228	718	-516	1,147	0	-611	-1	-46	110	-3	-116	-61	59	-767	-49	136		
1/31/2004	229	982	-494	1,069	0	-598	-1	-46	113	-2	-115	-60	62	-968	-46	104		
2/29/2004	230	-1,822	-626	3,080	0	-680	1	-46	106	-2	-111	-59	49	-594	348	357		
3/31/2004	231	794	-598	1,132	0	-688	-1	-48	113	-1	-115	-59	56	-660	-55	130		
4/30/2004	232	897	-525	1,139	0	-609	-1	-43	113	-1	-111	-56	59	-813	-49	0		
5/31/2004	233	964	-500	1,160	0	-587	-1	-43	118	-1	-114	-58	63	-953	-47	0		
6/30/2004	234	880	-472	1,137	0	-570	-1	-41	115	-1	-110	-57	61	-1,032	-43	133		
7/31/2004	235	812	-505	1,463	0	-594	-2	-41	124	-1	-115	-60	61	-1,195	-48	101		
8/31/2004	236	1,016	-502	1,425	0	-580	-2	-40	130	-1	-116	-62	61	-1,323	-48	43		
9/30/2004	237	1,083	-476	1,407	0	-545	-2	-38	134	-1	-112	-62	59	-1,401	-47	0		
10/31/2004	238	-1,192	-623	2,840	0	-687	-2	-63	137	-1	-116	-64	53	-1,247	551	414		
11/30/2004	239	898	-580	1,577	0	-645	-2	-47	134	-1	-111	-60	53	-1,317	-51	151		
12/31/2004	240	-1,747	-772	3,322	0	-814	-1	-54	140	0	-116	-64	47	-1,209	676	594		
1/31/2005	241	-4,141	-1,134	5,438	0	-1,027	-1	7	136	-1	-117	-67	31	-1,065	831	1,110		
2/28/2005	242	-3,638	-1,308	5,052	0	-1,041	0	19	118	-1	-105	-59	17	-473	441	978		
3/31/2005	243	-265	-1,143	1,482	0	-1,099	-1	-5	122	-7	-113	-55	34	381	200	470		
4/30/2005	244	-200	-919	1,233	0	-977	0	-21	111	-18	-108	-50	43	496	145	266		
5/31/2005	245	-161	-820	1,296	0	-909	0	-33	111	-17	-113	-50	52	247	164	233		
6/30/2005	246	-276	-713	1,316	0	-806	0	-42	106	-19	-110	-49	55	203	146	190		
7/31/2005	247	-366	-687	1,145	0	-791	-1	-41	106	-24	-111	-50	57	507	51	206		
8/31/2005	248	1	-651	1,245	0	-743	-1	-39	104	-26	-109	-49	58	173	-75	111		

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		Influx(+) or Outflux(-), in acre-feet per month															
								Coastal	Coastal flux	Costal Flux							
								Pleasant	West Las	Flux	from	from					
								Forebay	Mound	Valley	Posas	north to	Channel	Arnold			
Date	Stress Period	Tile					Semi- Perched	Semi- Perched	Semi- Perched	Semi- Perched	Islands	Harbor to	Road to	Oxnard	Santa Clara	Calleguas	
		Storage	Drains	Recharge	MNW2	ET	Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain	UAS	Percolation	Percolation
9/30/2005	249	-250	-592	1,196	0	-668	-1	-37	99	-29	-104	-47	58	412	-38	0	
10/31/2005	250	-1,025	-605	1,227	0	-704	-1	-43	97	-36	-106	-47	58	871	98	216	
11/30/2005	251	1	-573	1,195	0	-650	-1	-41	92	-31	-101	-45	58	101	-64	59	
12/31/2005	252	296	-563	1,117	0	-635	-1	-43	96	-27	-104	-46	61	-88	-62	0	
1/31/2006	253	-1,234	-605	1,570	0	-692	-1	-40	95	-30	-105	-47	58	633	105	295	
2/28/2006	254	-1,435	-613	1,902	0	-669	-1	-38	87	-27	-95	-43	49	551	76	257	
3/31/2006	255	-2,589	-772	2,479	0	-792	-1	-44	93	-40	-107	-47	51	1,401	63	306	
4/30/2006	256	-3,073	-825	2,571	0	-813	-1	-25	85	-53	-105	-45	49	1,809	88	338	
5/31/2006	257	-1,003	-804	1,410	0	-807	-1	-41	87	-60	-109	-46	54	1,062	25	232	
6/30/2006	258	149	-741	1,691	0	-709	-1	-43	88	-47	-110	-47	57	-334	47	0	
7/31/2006	259	90	-737	1,270	0	-710	-1	-53	90	-39	-114	-49	60	75	26	92	
8/31/2006	260	417	-722	1,370	0	-691	-2	-53	91	-29	-113	-50	61	-337	-18	76	
9/30/2006	261	474	-683	1,288	0	-648	-1	-52	90	-24	-110	-49	60	-316	-76	47	
10/31/2006	262	245	-688	1,454	0	-644	-1	-54	99	-27	-114	-52	62	-206	-75	0	
11/30/2006	263	595	-650	1,307	0	-608	0	-53	95	-23	-111	-51	60	-490	-71	0	
12/31/2006	264	401	-646	1,136	0	-650	-1	-55	95	-22	-114	-53	60	-230	-72	149	
1/31/2007	265	-363	-665	1,548	0	-673	-1	-54	93	-23	-114	-53	59	156	-73	162	
2/28/2007	266	162	-596	1,113	0	-618	0	-49	83	-17	-103	-47	53	-91	-64	175	
3/31/2007	267	845	-650	1,346	0	-642	0	-54	98	-16	-115	-52	62	-752	-70	0	
4/30/2007	268	551	-622	1,239	0	-628	0	-52	91	-15	-111	-52	59	-506	-66	113	
5/31/2007	269	1,236	-632	1,327	0	-618	0	-54	100	-14	-116	-53	63	-1,186	-67	14	
6/30/2007	270	1,440	-592	1,206	0	-575	0	-51	105	-13	-114	-53	62	-1,351	-64	0	
7/31/2007	271	1,535	-587	1,123	0	-584	0	-52	109	-13	-118	-56	64	-1,356	-65	0	
8/31/2007	272	1,366	-582	1,169	0	-590	0	-52	108	-15	-119	-57	64	-1,305	-64	75	
9/30/2007	273	926	-579	1,348	0	-591	0	-49	106	-13	-115	-56	61	-1,095	-60	117	
10/31/2007	274	699	-604	1,489	0	-623	0	-50	113	-9	-119	-58	62	-979	-60	140	
11/30/2007	275	1,034	-561	1,280	0	-578	0	-48	114	-8	-115	-57	60	-1,064	-57	0	
12/31/2007	276	687	-565	1,202	0	-619	-1	-48	116	-5	-118	-59	59	-724	-57	133	
1/31/2008	277	-2,447	-769	3,434	0	-835	0	-26	117	-1	-124	-62	48	-470	383	752	
2/29/2008	278	-380	-694	1,422	0	-777	0	-37	109	-8	-112	-55	44	-8	223	275	
3/31/2008	279	241	-650	1,128	0	-730	0	-52	115	-16	-118	-56	57	-173	226	28	

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month															
							Pleasant		West Las	Coastal	Coastal flux	Costal Flux					
							Valley	Posas	Flux	from	from						
Date	Stress Period						Forebay	Mound	Valley	Posas	north to	Channel	Arnold				
							Semi- Perched	Semi- Perched	Semi- Perched	Semi- Perched	Islands	Harbor to	Road to	Oxnard	Santa Clara	Calleguas	
		Tile				ET	Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain	UAS	Percolation	Percolation
4/30/2008	280	279	-604	1,365	0	-672	0	-49	110	-15	-113	-53	58	-427	1	121	
5/31/2008	281	662	-592	1,417	0	-644	0	-48	115	-10	-117	-55	62	-724	-66	0	
6/30/2008	282	764	-563	1,378	0	-605	0	-45	110	-4	-113	-54	61	-935	-61	66	
7/31/2008	283	935	-590	1,420	0	-626	-1	-46	117	-4	-116	-57	62	-1,138	-59	101	
8/31/2008	284	1,091	-587	1,363	0	-634	-1	-45	121	-8	-117	-58	61	-1,287	-56	158	
9/30/2008	285	943	-579	1,501	0	-616	-1	-44	120	-9	-113	-57	58	-1,279	-51	127	
10/31/2008	286	546	-614	1,760	0	-644	-1	-45	127	-4	-117	-60	60	-1,117	-51	159	
11/30/2008	287	206	-601	1,635	0	-650	-1	-44	119	-3	-112	-58	54	-695	-48	198	
12/31/2008	288	292	-610	1,416	0	-696	-1	-44	120	-4	-113	-57	54	-572	-48	263	
1/31/2009	289	849	-568	1,081	0	-662	-1	-44	118	-5	-110	-54	58	-767	-44	150	
2/28/2009	290	-2,180	-695	3,307	0	-724	0	-44	105	-4	-104	-53	42	-360	275	433	
3/31/2009	291	470	-678	1,074	0	-739	0	-58	114	-4	-110	-53	55	-510	268	172	
4/30/2009	292	665	-612	1,178	0	-673	0	-49	110	-4	-105	-50	57	-589	-48	120	
5/31/2009	293	905	-572	1,090	0	-636	-1	-47	115	-4	-108	-51	61	-707	-45	0	
6/30/2009	294	893	-512	1,028	0	-576	-2	-45	113	-4	-104	-49	61	-761	-41	0	
7/31/2009	295	927	-518	1,273	0	-574	-2	-45	119	-4	-108	-52	63	-1,038	-39	0	
8/31/2009	296	1,064	-500	1,205	0	-556	-3	-44	126	-4	-109	-54	64	-1,152	-38	0	
9/30/2009	297	983	-476	1,202	0	-532	-3	-41	123	-4	-106	-53	62	-1,166	-37	49	
10/31/2009	298	563	-528	1,553	0	-594	-3	-43	129	-3	-108	-56	60	-1,143	-32	206	
11/30/2009	299	941	-498	1,405	0	-548	-4	-39	130	-2	-104	-54	59	-1,253	-33	0	
12/31/2009	300	-457	-576	2,045	0	-643	-3	-63	134	-1	-107	-57	54	-1,106	511	269	
1/31/2010	301	-2,308	-815	3,826	0	-823	-1	-56	133	-1	-111	-59	43	-1,019	580	611	
2/28/2010	302	-1,140	-781	2,658	0	-774	-1	-52	118	-1	-100	-50	40	-625	344	364	
3/31/2010	303	617	-736	1,109	0	-766	-3	-64	127	0	-107	-50	53	-697	380	136	
4/30/2010	304	66	-654	1,282	0	-723	-1	-61	118	0	-101	-47	51	-438	309	198	
5/31/2010	305	772	-610	1,243	0	-670	-2	-51	124	0	-103	-47	59	-665	-50	0	
6/30/2010	306	790	-546	1,171	0	-600	-2	-43	118	-1	-100	-45	60	-758	-45	0	
7/31/2010	307	856	-542	1,336	0	-589	-2	-42	123	-1	-104	-48	63	-1,006	-44	0	
8/31/2010	308	929	-515	1,274	0	-565	-2	-40	126	-2	-104	-49	63	-1,072	-43	0	
9/30/2010	309	868	-486	1,320	0	-532	-2	-38	124	-2	-102	-49	61	-1,120	-42	0	
10/31/2010	310	90	-532	1,735	0	-606	-1	-41	124	-1	-104	-50	58	-837	-38	202	

Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month														
							Forebay	Mound	Pleasant	West Las	Coastal	Coastal flux	Costal Flux			
							Semi-Perched	Semi-Perched	Valley	Posas	Flux	from	from			
Date	Stress Period	Tile Storage	Drains	Recharge	MNW2	ET	Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Oxnard Plain	Santa Clara River	Calleguas Creek
11/30/2010	311	629	-498	1,288	0	-562	-1	-40	122	-1	-99	-47	58	-814	-34	0
12/31/2010	312	-3,945	-849	5,634	0	-763	-1	-45	125	-1	-111	-58	43	-723	418	277
1/31/2011	313	798	-711	1,072	0	-736	-1	-44	121	0	-106	-49	52	-576	-51	232
2/28/2011	314	-765	-658	1,563	0	-722	-1	-43	108	-1	-94	-42	44	-111	278	443
3/31/2011	315	-3,246	-1,002	3,611	0	-978	0	-30	116	-4	-103	-47	35	291	325	1,031
4/30/2011	316	-180	-843	1,288	0	-878	-1	-42	111	-9	-96	-41	45	208	222	216
5/31/2011	317	5	-778	1,344	0	-821	0	-52	114	-10	-98	-42	52	-84	203	166
6/30/2011	318	268	-679	1,273	0	-713	0	-57	111	-8	-95	-41	55	-335	176	45
7/31/2011	319	537	-632	1,296	0	-672	0	-50	114	-5	-98	-43	60	-457	-50	0
8/31/2011	320	663	-585	1,276	0	-627	0	-47	113	-3	-98	-43	62	-664	-47	0
9/30/2011	321	638	-539	1,214	0	-580	0	-45	109	-2	-96	-43	61	-675	-43	0
10/31/2011	322	-6	-545	1,334	0	-591	0	-46	109	-3	-98	-44	62	-157	-42	26
11/30/2011	323	-417	-544	1,325	0	-625	0	-45	103	-4	-93	-42	55	80	-39	246
12/31/2011	324	453	-543	1,203	0	-610	0	-47	107	-3	-96	-42	61	-472	-38	28
1/31/2012	325	-140	-551	1,278	0	-644	0	-48	106	-3	-95	-42	58	-105	-37	225
2/29/2012	326	549	-506	1,259	0	-564	0	-45	102	-4	-89	-38	57	-688	-33	0
3/31/2012	327	-517	-572	1,404	0	-668	0	-56	108	-5	-95	-41	57	-167	213	339
4/30/2012	328	-491	-567	1,301	0	-676	0	-57	103	-5	-91	-39	53	-4	181	291
5/31/2012	329	597	-561	1,274	0	-636	0	-53	109	-5	-94	-40	60	-612	-37	0
6/30/2012	330	740	-515	1,194	0	-574	0	-49	107	-5	-92	-40	60	-792	-34	0
7/31/2012	331	771	-518	1,240	0	-569	0	-51	114	-6	-97	-43	63	-870	-34	0
8/31/2012	332	892	-497	1,180	0	-551	0	-51	117	-6	-99	-45	64	-971	-32	0
9/30/2012	333	788	-478	1,315	0	-523	-1	-50	117	-5	-97	-45	62	-1,052	-30	0
10/31/2012	334	558	-501	1,600	0	-534	-1	-52	123	-5	-101	-48	64	-1,075	-29	0
11/30/2012	335	677	-468	1,177	0	-516	-1	-50	116	-3	-97	-47	62	-849	-27	26
12/31/2012	336	376	-481	1,182	0	-580	-1	-49	119	-3	-99	-48	61	-700	-28	250
1/31/2013	337	466	-470	1,125	0	-595	-1	-50	119	-2	-98	-47	59	-651	-26	170
2/28/2013	338	602	-419	1,150	0	-507	-1	-45	111	-1	-88	-41	56	-793	-22	0
3/31/2013	339	652	-446	1,097	0	-554	-1	-50	121	-1	-97	-46	61	-769	-23	56
4/30/2013	340	713	-416	1,136	0	-512	-1	-48	121	-1	-93	-44	62	-896	-21	0
5/31/2013	341	846	-410	1,071	0	-510	-1	-50	128	0	-96	-46	64	-976	-21	0

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Table C-4. Flow Budget for the Semi-perched Aquifer in the Oxnard Plain

(page 13 of 13)

		Influx(+) or Outflux(-), in acre-feet per month														
							Forebay	Mound	Pleasant	West Las	Coastal	Coastal flux	Costal Flux			
Date	Stress Period	Tile		Recharge	MNW2	ET	Semi-	Semi-	Semi-	Semi-	north to	from	from	Oxnard	Santa Clara	Calleguas
		Storage	Drains				Perched	Perched	Perched	Perched	Islands	Channel	Islands		Harbor to	Road to
							Aquifer	Aquifer	Aquifer	Aquifer	Harbor	Arnold Road	Mugu	Plain UAS	Percolation	Percolation
	monthly average	55	-535	1,698	-2	-639	0	-46	110	-11	-104	-45	55	-760	42	181
	annual average	659	-6,414	20,377	-21	-7,667	-4	-558	1,316	-128	-1,242	-540	663	-9,122	506	2,177

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Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 1 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period	Tile				Oxnard Plain		Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Islands Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2	Perched Aquifer	Forebay UAS								
1/31/1985	1	-291	-71	37	-2,549	149	4,799	-282	-333	175	-117	2	105	-1,625	0
2/28/1985	2	-361	-64	33	-2,109	-4	4,405	-189	-336	-18	-132	-2	96	-1,319	0
3/31/1985	3	480	-66	31	-3,547	499	4,530	-104	-346	-86	-102	32	131	-1,452	0
4/30/1985	4	1,475	-54	51	-5,105	1,478	3,696	53	-301	-29	33	84	152	-1,531	0
5/31/1985	5	1,408	-45	54	-5,115	1,779	3,275	113	-279	12	77	125	176	-1,580	0
6/30/1985	6	1,613	-32	53	-5,115	1,794	2,754	171	-236	60	123	156	188	-1,529	0
7/31/1985	7	1,515	-20	47	-4,459	1,846	2,220	84	-227	108	79	192	237	-1,623	0
8/31/1985	8	1,726	-5	46	-4,468	1,837	1,919	95	-205	135	105	222	265	-1,671	0
9/30/1985	9	1,429	0	48	-4,470	1,770	2,233	111	-172	104	137	245	279	-1,713	0
10/31/1985	10	1,711	0	46	-4,453	1,818	1,809	125	-156	124	166	277	304	-1,771	0
11/30/1985	11	-1,046	0	84	-771	1,226	1,562	28	-188	69	-9	175	232	-1,362	0
12/31/1985	12	799	0	42	-3,439	1,383	2,218	94	-164	81	107	198	238	-1,556	0
1/31/1986	13	-1,356	0	83	-1,107	989	2,403	-16	-180	6	-7	138	193	-1,307	163
2/28/1986	14	-1,924	0	143	-591	725	2,705	-37	-166	-76	-71	74	139	-1,090	169
3/31/1986	15	-2,594	0	99	-785	209	4,670	-31	-196	-273	-113	37	121	-1,274	130
4/30/1986	16	-1,286	0	48	-2,842	192	5,632	25	-185	-387	-51	56	126	-1,419	92
5/31/1986	17	1,039	0	68	-5,731	935	5,243	172	-121	-376	185	153	170	-1,738	0
6/30/1986	18	1,540	0	64	-5,734	1,389	3,941	183	-77	-251	247	208	195	-1,707	0
7/31/1986	19	-84	0	50	-4,339	1,158	4,621	155	-133	-270	143	209	226	-1,737	0
8/31/1986	20	1,088	0	49	-4,345	1,426	2,950	162	-146	-130	138	213	239	-1,644	0
9/30/1986	21	352	0	35	-2,695	1,174	2,223	94	-161	-59	48	176	218	-1,406	0
10/31/1986	22	1,527	0	49	-4,346	1,564	2,105	181	-146	22	140	210	241	-1,547	0
11/30/1986	23	13	0	31	-2,232	1,116	1,971	112	-145	16	64	173	212	-1,329	0
12/31/1986	24	1,368	0	49	-4,342	1,532	2,154	179	-129	80	151	210	237	-1,489	0
1/31/1987	25	-608	0	39	-1,847	1,036	2,357	49	-167	52	25	160	201	-1,298	0
2/28/1987	26	-92	0	38	-2,031	867	2,129	47	-171	48	27	126	168	-1,154	0
3/31/1987	27	-773	0	41	-1,740	720	2,930	7	-205	2	-19	110	169	-1,242	0
4/30/1987	28	2,029	0	57	-5,331	1,394	2,703	172	-162	40	199	195	202	-1,498	0
5/31/1987	29	2,213	0	56	-5,352	1,562	2,298	210	-159	61	262	262	245	-1,659	0
6/30/1987	30	1,964	0	56	-5,354	1,618	2,437	239	-137	46	304	300	266	-1,740	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period	Tile				Oxnard Plain		Forebay UAS	Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Channel Islands Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2	Perched Aquifer	UAS					Islands	Arnold	Oxnard Plain LAS	
7/31/1987	31	1,275	0	52	-4,857	1,665	2,783	262	-156	-1	329	341	318	-2,013	0
8/31/1987	32	2,063	0	53	-4,865	1,752	1,807	266	-145	55	354	369	344	-2,055	0
9/30/1987	33	2,384	0	53	-4,864	1,766	1,364	260	-125	97	374	387	354	-2,051	0
10/31/1987	34	195	0	36	-2,013	1,517	1,136	105	-115	81	189	336	329	-1,796	0
11/30/1987	35	366	0	40	-2,164	1,357	1,211	113	-86	67	193	287	283	-1,666	0
12/31/1987	36	-1,120	0	69	-1,065	1,326	1,629	57	-93	37	109	239	249	-1,436	0
1/31/1988	37	-1,852	0	43	-1,351	1,104	3,003	24	-98	-21	89	206	218	-1,365	0
2/29/1988	38	-857	0	34	-2,467	1,033	3,002	3	-87	-44	143	200	197	-1,357	201
3/31/1988	39	-321	0	49	-4,419	1,336	4,365	19	-105	-120	251	259	231	-1,749	203
4/30/1988	40	-1,948	0	42	-1,407	1,035	3,758	-83	-133	-253	57	193	203	-1,468	4
5/31/1988	41	178	0	50	-4,452	1,224	4,464	76	-129	-290	237	251	230	-1,841	0
6/30/1988	42	998	0	49	-4,456	1,332	3,347	100	-128	-225	277	280	243	-1,821	0
7/31/1988	43	1,289	0	46	-3,825	1,428	2,360	39	-153	-135	267	309	288	-1,912	0
8/31/1988	44	1,734	0	46	-3,834	1,461	1,775	48	-149	-52	283	328	308	-1,948	0
9/30/1988	45	1,964	0	46	-3,835	1,461	1,448	58	-137	-8	301	341	316	-1,954	0
10/31/1988	46	2,074	0	45	-3,846	1,538	1,265	62	-131	10	326	370	338	-2,050	0
11/30/1988	47	1,012	0	32	-2,593	1,389	1,125	42	-113	11	270	338	312	-1,825	0
12/31/1988	48	-637	0	64	-850	1,368	1,027	-6	-98	0	130	271	268	-1,537	0
1/31/1989	49	1,438	0	38	-3,236	1,358	1,271	108	-74	10	317	297	253	-1,782	0
2/28/1989	50	-1,513	0	50	-930	1,140	2,090	10	-76	-29	140	225	205	-1,311	0
3/31/1989	51	107	0	29	-2,814	1,234	2,350	87	-64	-72	275	274	230	-1,636	0
4/30/1989	52	1,545	0	41	-3,557	1,340	1,494	105	-53	-51	338	304	240	-1,746	0
5/31/1989	53	1,560	0	41	-3,568	1,440	1,384	104	-53	-29	368	339	262	-1,847	0
6/30/1989	54	1,815	0	41	-3,569	1,453	1,044	118	-42	-13	381	350	265	-1,843	0
7/31/1989	55	1,828	0	42	-3,184	1,502	689	60	-98	6	377	370	299	-1,891	0
8/31/1989	56	1,991	0	43	-3,191	1,531	497	52	-102	22	388	383	313	-1,928	0
9/30/1989	57	2,027	0	43	-3,191	1,517	426	53	-98	35	397	388	315	-1,912	0
10/31/1989	58	2,015	0	42	-3,200	1,590	389	46	-97	41	419	414	335	-1,993	0
11/30/1989	59	1,996	0	38	-3,153	1,566	339	44	-90	40	425	416	334	-1,957	0
12/31/1989	60	2,046	0	42	-3,206	1,652	264	37	-87	48	448	441	353	-2,039	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 3 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period	Tile				Oxnard Plain Semi-Perched Aquifer	Forebay UAS	Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Channel Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2										
1/31/1990	61	-107	0	35	-1,282	1,504	613	-12	-76	23	330	393	315	-1,735	0
2/28/1990	62	-210	0	31	-1,557	1,316	1,030	28	-47	0	321	341	265	-1,518	0
3/31/1990	63	1,545	0	47	-3,241	1,603	950	60	-88	-5	465	414	303	-2,054	0
4/30/1990	64	1,791	0	47	-3,247	1,621	773	40	-107	-8	485	428	307	-2,133	0
5/31/1990	65	1,741	0	40	-3,130	1,676	662	44	-120	-12	505	461	330	-2,195	0
6/30/1990	66	2,147	0	52	-3,260	1,695	404	39	-116	-7	517	466	331	-2,269	0
7/31/1990	67	1,952	0	42	-3,062	1,736	297	30	-117	-13	533	493	357	-2,248	0
8/31/1990	68	2,030	0	41	-3,063	1,752	163	39	-113	-14	542	505	367	-2,248	0
9/30/1990	69	2,086	0	41	-3,055	1,722	68	46	-106	-10	543	503	365	-2,201	0
10/31/1990	70	2,091	0	41	-3,061	1,785	0	42	-103	-8	567	530	384	-2,267	0
11/30/1990	71	2,081	0	40	-3,024	1,739	-63	47	-79	-7	567	525	378	-2,205	0
12/31/1990	72	2,104	0	41	-3,056	1,810	-123	43	-82	-5	591	551	395	-2,267	0
1/31/1991	73	1,291	0	31	-2,288	1,711	-187	28	-53	-5	548	529	376	-1,981	0
2/28/1991	74	-185	0	43	-904	1,529	-43	-42	-28	-13	379	434	314	-1,484	0
3/31/1991	75	-5,867	0	171	-340	2,350	3,837	-164	41	-147	312	413	304	-1,569	658
4/30/1991	76	-3,020	0	54	-3,057	1,769	5,125	52	-9	-220	476	433	300	-1,902	0
5/31/1991	77	-1,182	0	56	-3,073	1,764	3,402	53	-53	-254	502	463	318	-1,996	0
6/30/1991	78	219	0	51	-3,074	1,710	2,033	60	-79	-240	499	459	316	-1,952	0
7/31/1991	79	778	0	45	-3,080	1,735	1,455	28	-105	-219	510	488	350	-1,987	0
8/31/1991	80	1,214	0	54	-3,087	1,736	967	38	-116	-182	517	500	362	-2,005	0
9/30/1991	81	1,436	0	53	-3,086	1,695	719	49	-116	-148	516	497	361	-1,980	0
10/31/1991	82	1,064	0	54	-3,097	1,751	1,075	44	-121	-142	535	522	381	-2,069	0
11/30/1991	83	1,090	0	59	-3,094	1,719	1,050	40	-120	-127	530	515	376	-2,042	0
12/31/1991	84	-1,644	0	89	-606	1,849	1,117	-70	-67	-140	355	453	339	-1,673	0
1/31/1992	85	-1,934	0	37	-922	1,512	1,944	-18	-11	-178	349	409	301	-1,489	0
2/29/1992	86	-6,490	0	157	-314	2,064	4,973	-166	17	-277	228	327	246	-1,384	619
3/31/1992	87	-8,060	0	94	-480	1,790	7,740	-227	13	-499	183	293	228	-1,464	390
4/30/1992	88	-3,959	0	40	-2,733	1,493	6,399	-134	-33	-575	329	301	220	-1,629	280
5/31/1992	89	-2,356	0	44	-2,744	1,429	5,238	-108	-78	-606	334	313	229	-1,695	0
6/30/1992	90	-837	0	47	-2,744	1,331	3,690	-83	-101	-539	331	305	224	-1,624	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 4 of 13)

Date		Influx(+) or Outflux(-), in acre-feet per month													
		Tile				Oxnard Plain		Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Islands Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2	Perched Aquifer	Forebay UAS								
Stress Period															
7/31/1992	91	182	0	54	-3,011	1,391	2,817	-66	-143	-465	318	332	263	-1,673	0
8/31/1992	92	859	0	55	-3,019	1,383	1,997	-35	-158	-369	327	345	279	-1,663	0
9/30/1992	93	945	0	49	-3,020	1,357	1,801	-10	-158	-287	335	348	282	-1,642	0
10/31/1992	94	-3,079	0	26	-2,395	1,272	5,566	-8	-166	-418	296	344	287	-1,724	0
11/30/1992	95	-2,859	0	43	-3,027	1,279	6,392	-68	-188	-540	298	335	286	-1,949	0
12/31/1992	96	-4,372	0	94	-541	1,318	5,563	-263	-200	-630	65	249	245	-1,753	225
1/31/1993	97	-4,390	0	157	-324	1,336	5,445	-334	-199	-692	-40	165	196	-1,623	302
2/28/1993	98	-3,149	0	162	-309	911	4,422	-288	-197	-619	-91	96	146	-1,344	258
3/31/1993	99	-2,791	0	79	-567	439	5,220	-250	-252	-707	-128	62	134	-1,423	184
4/30/1993	100	-2,201	0	48	-2,707	225	7,300	-85	-264	-847	50	92	136	-1,883	136
5/31/1993	101	-1,071	0	44	-2,719	399	5,951	-77	-300	-788	54	104	147	-1,854	111
6/30/1993	102	-155	0	40	-2,701	593	4,521	-54	-298	-613	59	107	147	-1,749	104
7/31/1993	103	372	0	46	-2,720	805	3,660	-64	-301	-488	49	127	179	-1,766	104
8/31/1993	104	98	0	46	-2,728	814	3,921	-17	-288	-435	63	141	193	-1,807	0
9/30/1993	105	-941	0	42	-2,730	584	5,353	-25	-280	-499	70	145	197	-1,917	0
10/31/1993	106	-1,365	0	40	-2,740	408	6,296	-76	-304	-585	53	147	209	-2,083	0
11/30/1993	107	-939	0	36	-2,380	277	5,614	-127	-303	-566	21	126	196	-1,955	0
12/31/1993	108	-1,093	0	32	-1,194	-92	5,110	-206	-323	-569	-116	73	173	-1,796	0
1/31/1994	109	-129	0	38	-2,874	345	5,165	-93	-319	-512	5	85	161	-1,872	0
2/28/1994	110	-1,067	0	101	-450	-143	3,824	-188	-289	-428	-167	20	118	-1,405	75
3/31/1994	111	-844	0	50	-831	-339	4,374	-158	-306	-475	-190	-13	105	-1,444	70
4/30/1994	112	58	0	42	-2,848	249	4,699	0	-289	-431	-19	26	107	-1,593	0
5/31/1994	113	192	0	38	-2,859	383	4,465	33	-290	-430	9	51	119	-1,712	0
6/30/1994	114	765	0	45	-2,859	641	3,324	73	-260	-336	41	70	122	-1,626	0
7/31/1994	115	1,190	0	44	-2,923	904	2,779	52	-277	-245	75	103	151	-1,853	0
8/31/1994	116	1,293	0	47	-2,935	1,010	2,464	45	-261	-164	107	130	169	-1,905	0
9/30/1994	117	705	0	45	-2,939	1,023	2,983	21	-247	-118	126	147	178	-1,925	0
10/31/1994	118	196	0	46	-2,952	962	3,738	-31	-257	-117	124	162	195	-2,066	0
11/30/1994	119	-655	0	39	-1,430	542	3,539	-117	-252	-168	-14	116	177	-1,778	0
12/31/1994	120	-165	0	38	-1,708	534	3,452	-139	-252	-189	-35	94	168	-1,798	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 5 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
						Oxnard Plain				Coastal Flux North of Channel Islands Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River	
		Tile Storage	Drains	Recharge	MNW2	Semi-Perched Aquifer	Forebay UAS	Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Islands	Harbor to Arnold Road	Mugu		
Date	Stress Period														
1/31/1995	121	-2,288	0	268	-239	214	4,101	-175	-209	-288	-197	18	125	-1,502	172
2/28/1995	122	-1,686	0	29	-1,765	-284	5,936	-94	-173	-443	-96	14	100	-1,625	87
3/31/1995	123	-1,997	0	152	-324	-855	5,475	-110	-211	-544	-246	-47	78	-1,461	88
4/30/1995	124	41	-6	42	-2,785	-93	5,003	-6	-172	-482	-58	-6	82	-1,633	75
5/31/1995	125	-834	-14	36	-2,262	-449	5,943	-19	-192	-546	-100	-4	88	-1,711	64
6/30/1995	126	-275	-21	36	-2,873	-222	5,719	-34	-191	-498	-45	10	89	-1,750	55
7/31/1995	127	-480	-29	36	-2,467	-435	5,915	-70	-222	-461	-95	-2	104	-1,797	0
8/31/1995	128	-311	-35	43	-2,473	-437	5,851	-108	-235	-446	-114	-9	109	-1,858	23
9/30/1995	129	-206	-39	40	-2,473	-338	5,648	-120	-232	-429	-113	-10	110	-1,864	26
10/31/1995	130	-357	-45	46	-2,480	-384	6,061	-141	-245	-477	-126	-12	117	-1,996	40
11/30/1995	131	-112	-47	44	-2,478	-256	5,601	-140	-236	-455	-118	-10	117	-1,948	39
12/31/1995	132	-558	-57	37	-906	-885	5,125	-184	-256	-463	-255	-58	95	-1,668	33
1/31/1996	133	-83	-60	32	-1,300	-662	4,667	-137	-274	-421	-245	-79	76	-1,548	33
2/29/1996	134	-1,229	-72	134	-322	-1,297	5,348	-137	-260	-472	-308	-116	45	-1,353	38
3/31/1996	135	-564	-81	28	-1,140	-1,358	5,824	-101	-289	-516	-292	-131	39	-1,442	24
4/30/1996	136	226	-80	42	-2,249	-609	5,122	-20	-290	-449	-184	-108	40	-1,473	31
5/31/1996	137	749	-80	44	-2,455	-9	4,088	-6	-295	-340	-154	-89	51	-1,534	31
6/30/1996	138	887	-72	41	-2,456	471	3,237	24	-269	-243	-119	-65	59	-1,495	0
7/31/1996	139	1,121	-66	45	-2,837	1,076	2,879	20	-282	-169	-72	-25	92	-1,783	0
8/31/1996	140	1,090	-56	51	-2,850	1,334	2,570	28	-263	-110	-33	12	116	-1,890	0
9/30/1996	141	1,037	-44	52	-2,855	1,425	2,404	38	-233	-80	7	45	132	-1,928	0
10/31/1996	142	-11	-40	40	-1,534	790	2,831	-35	-213	-133	-105	30	133	-1,826	75
11/30/1996	143	-764	-37	58	-776	161	3,359	-62	-183	-188	-168	-12	104	-1,553	63
12/31/1996	144	-1,831	-46	106	-403	-692	5,213	-90	-182	-358	-245	-66	74	-1,542	61
1/31/1997	145	-1,901	-60	89	-386	-1,434	6,314	-86	-189	-537	-288	-110	44	-1,504	46
2/28/1997	146	-6	-58	39	-2,309	-555	5,223	-13	-200	-475	-136	-70	50	-1,524	34
3/31/1997	147	82	-68	39	-2,331	-415	5,305	-27	-249	-494	-152	-63	66	-1,719	27
4/30/1997	148	679	-66	39	-2,334	173	3,895	1	-242	-381	-131	-47	74	-1,659	0
5/31/1997	149	958	-64	40	-2,341	649	2,973	30	-236	-273	-122	-34	85	-1,663	0
6/30/1997	150	1,002	-55	38	-2,340	962	2,317	61	-212	-171	-92	-17	90	-1,583	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 6 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period					Oxnard Plain	Forebay UAS	Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Channel Islands Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Tile Storage	Tile Drains	Recharge	MNW2	Semi-Perched Aquifer					Islands	Arnold	Mugu		
7/31/1997	151	1,365	-48	51	-3,135	1,550	1,959	157	-182	-95	10	31	119	-1,781	0
8/31/1997	152	1,188	-39	50	-3,146	1,615	1,950	173	-158	-43	45	65	139	-1,840	0
9/30/1997	153	835	-28	50	-3,150	1,534	2,317	157	-141	-23	70	89	151	-1,862	0
10/31/1997	154	753	-18	50	-3,160	1,445	2,589	144	-133	-40	81	110	169	-1,991	0
11/30/1997	155	-235	-12	47	-918	735	1,998	36	-114	-64	-98	49	138	-1,561	0
12/31/1997	156	-1,472	-16	131	-377	197	3,271	-19	-100	-174	-191	-13	105	-1,438	95
1/31/1998	157	-1,459	-19	61	-800	-237	4,413	4	-95	-319	-178	-43	79	-1,477	71
2/28/1998	158	-1,596	-39	352	-181	-365	3,445	13	-74	-264	-246	-85	43	-1,110	107
3/31/1998	159	-2,007	-51	56	-845	-1,320	6,379	91	-97	-505	-244	-117	28	-1,424	55
4/30/1998	160	-967	-64	35	-1,221	-1,432	5,950	96	-122	-592	-219	-123	18	-1,407	48
5/31/1998	161	-849	-84	53	-907	-1,764	6,013	60	-154	-648	-270	-150	8	-1,355	45
6/30/1998	162	442	-89	42	-3,303	-500	5,837	207	-130	-625	-32	-82	30	-1,832	35
7/31/1998	163	-76	-98	37	-2,150	-660	5,464	37	-153	-563	-162	-84	42	-1,671	37
8/31/1998	164	528	-100	39	-2,155	-150	4,116	26	-152	-389	-169	-82	49	-1,594	32
9/30/1998	165	223	-96	36	-2,145	-39	4,210	18	-143	-334	-154	-73	55	-1,589	29
10/31/1998	166	-520	-103	40	-2,163	-453	5,787	-5	-152	-466	-162	-73	62	-1,823	32
11/30/1998	167	-754	-106	29	-1,450	-1,053	6,006	-56	-166	-528	-225	-93	53	-1,691	34
12/31/1998	168	-300	-118	39	-1,742	-1,011	5,923	-105	-185	-518	-236	-114	44	-1,712	36
1/31/1999	169	-76	-123	38	-921	-1,074	4,618	-111	-188	-393	-321	-153	27	-1,325	1
2/28/1999	170	464	-110	37	-2,507	-253	4,363	-45	-158	-274	-193	-116	33	-1,247	7
3/31/1999	171	-392	-128	62	-632	-925	4,353	-100	-199	-303	-344	-170	16	-1,221	-17
4/30/1999	172	-451	-126	47	-760	-1,079	4,672	-63	-187	-357	-338	-186	-1	-1,144	-26
5/31/1999	173	902	-124	50	-2,655	78	3,727	-5	-158	-241	-225	-156	13	-1,218	14
6/30/1999	174	1,039	-111	47	-2,659	621	2,730	7	-138	-117	-180	-122	27	-1,172	29
7/31/1999	175	1,080	-104	41	-2,353	971	2,126	41	-185	-57	-154	-96	52	-1,363	0
8/31/1999	176	1,055	-92	44	-2,367	1,275	1,770	65	-180	-12	-125	-67	71	-1,436	0
9/30/1999	177	723	-79	45	-2,374	1,293	2,020	72	-168	-2	-92	-40	86	-1,484	0
10/31/1999	178	432	-71	50	-2,386	1,245	2,494	69	-165	-38	-80	-20	102	-1,633	0
11/30/1999	179	416	-61	34	-1,501	988	1,759	41	-146	-28	-124	-26	98	-1,449	0
12/31/1999	180	1,075	-51	41	-2,387	1,447	1,439	82	-134	8	-54	0	114	-1,580	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 7 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period	Tile				Oxnard Plain		Forebay UAS	Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Channel	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2	Perched Aquifer	UAS					Islands Harbor	Islands Harbor	Oxnard Plain LAS	
1/31/2000	181	255	-46	33	-1,231	988	1,468	37	-83	6	-119	-18	96	-1,385	0
2/29/2000	182	-902	-45	126	-395	335	2,216	8	-60	-39	-194	-58	64	-1,124	69
3/31/2000	183	-1,576	-49	43	-943	-316	4,676	-1	-69	-241	-200	-83	50	-1,351	58
4/30/2000	184	-976	-54	49	-890	-631	4,361	-20	-84	-293	-215	-101	34	-1,222	43
5/31/2000	185	979	-53	44	-3,255	649	3,450	42	-73	-227	-37	-47	55	-1,528	0
6/30/2000	186	1,281	-46	45	-3,265	1,208	2,402	42	-59	-139	20	-2	74	-1,559	0
7/31/2000	187	950	-42	39	-2,727	1,246	2,086	61	-73	-84	-12	10	92	-1,545	0
8/31/2000	188	1,002	-34	41	-2,733	1,383	1,777	78	-59	-41	5	27	104	-1,550	0
9/30/2000	189	447	-25	41	-2,734	1,194	2,509	67	-53	-50	25	42	111	-1,573	0
10/31/2000	190	-1,075	-23	29	-2,025	501	4,501	15	-61	-244	-44	34	115	-1,723	0
11/30/2000	191	89	-20	38	-2,738	748	3,736	19	-62	-249	17	47	120	-1,746	0
12/31/2000	192	978	-16	34	-2,745	1,039	2,444	8	-56	-168	29	61	131	-1,739	0
1/31/2001	193	-874	-21	113	-495	360	2,552	-99	-36	-157	-158	-6	97	-1,365	88
2/28/2001	194	-1,397	-26	121	-436	-152	3,466	-93	-29	-203	-190	-50	61	-1,146	73
3/31/2001	195	-2,050	-39	91	-517	-1,046	5,663	-103	-47	-403	-260	-99	40	-1,305	75
4/30/2001	196	-554	-45	29	-2,093	-692	5,435	-60	-58	-424	-158	-73	47	-1,398	42
5/31/2001	197	622	-51	47	-3,478	252	4,611	-22	-60	-347	-46	-34	62	-1,556	0
6/30/2001	198	1,082	-48	46	-3,479	840	3,311	-12	-44	-225	-4	-3	71	-1,536	0
7/31/2001	199	914	-46	37	-2,881	978	2,671	16	-18	-145	-43	6	86	-1,573	0
8/31/2001	200	1,030	-40	46	-2,890	1,175	2,199	50	1	-76	-27	23	98	-1,590	0
9/30/2001	201	103	-33	38	-2,894	971	3,403	48	7	-123	-8	39	107	-1,658	0
10/31/2001	202	-924	-32	48	-2,904	473	5,430	11	-2	-300	-12	47	120	-1,956	0
11/30/2001	203	-1,190	-36	57	-713	-386	4,394	-93	-40	-336	-174	-18	90	-1,555	0
12/31/2001	204	-302	-41	30	-1,306	-279	3,963	-112	-54	-279	-188	-55	70	-1,446	0
1/31/2002	205	112	-44	20	-1,535	-136	3,561	-94	-62	-240	-171	-62	59	-1,409	0
2/28/2002	206	701	-39	29	-2,324	494	2,807	-43	-55	-145	-92	-36	55	-1,353	0
3/31/2002	207	851	-38	34	-2,337	761	2,443	-26	-53	-105	-92	-28	64	-1,473	0
4/30/2002	208	939	-31	34	-2,335	941	1,964	7	-36	-59	-63	-13	65	-1,413	0
5/31/2002	209	981	-23	38	-2,339	1,036	1,727	32	-21	-25	-46	0	71	-1,431	0
6/30/2002	210	999	-14	36	-2,337	1,068	1,503	53	-4	0	-19	15	73	-1,375	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 8 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period					Oxnard Plain	Forebay UAS	Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Channel	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Tile Storage	Tile Drains	Recharge	MNW2	Semi-Perched Aquifer					Islands Harbor	Islands Harbor	Islands Harbor	Islands Harbor	Islands Harbor
7/31/2002	211	1,458	-3	39	-2,794	1,328	1,325	54	6	33	38	55	103	-1,642	0
8/31/2002	212	1,538	0	44	-2,811	1,373	1,217	51	11	63	70	92	129	-1,776	0
9/30/2002	213	895	0	40	-2,820	1,355	1,943	32	11	56	92	118	147	-1,869	0
10/31/2002	214	1,252	0	44	-2,835	1,434	1,607	20	17	53	108	145	169	-2,015	0
11/30/2002	215	-815	0	80	-559	958	1,680	-48	29	-30	-63	82	139	-1,575	123
12/31/2002	216	-1,104	0	69	-625	700	2,428	-15	34	-108	-97	40	115	-1,438	0
1/31/2003	217	1,156	0	38	-2,892	1,092	1,861	70	90	-61	90	84	117	-1,645	0
2/28/2003	218	-1,524	0	103	-419	568	2,401	-48	62	-126	-84	24	83	-1,159	120
3/31/2003	219	-1,577	0	76	-608	316	3,171	-72	53	-201	-139	-18	67	-1,178	109
4/30/2003	220	-162	0	25	-2,131	445	3,194	-36	61	-198	-18	7	68	-1,351	96
5/31/2003	221	-1,159	0	34	-1,288	-2	4,081	-113	36	-288	-106	-20	58	-1,319	86
6/30/2003	222	761	0	43	-2,855	680	2,895	-26	60	-203	19	15	65	-1,453	0
7/31/2003	223	1,117	0	41	-2,896	911	2,159	-32	34	-129	27	39	82	-1,354	0
8/31/2003	224	1,381	0	38	-2,907	1,008	1,669	-9	35	-68	56	64	98	-1,364	0
9/30/2003	225	1,351	0	37	-2,912	1,113	1,464	10	43	-27	87	86	109	-1,361	0
10/31/2003	226	1,113	0	45	-2,923	1,156	1,650	10	52	-3	106	108	125	-1,439	0
11/30/2003	227	244	0	25	-1,779	876	1,592	8	73	-21	28	90	116	-1,251	0
12/31/2003	228	44	0	28	-1,450	767	1,601	-4	81	-32	-4	69	110	-1,209	0
1/31/2004	229	696	0	28	-2,872	968	2,110	-14	101	-33	88	97	112	-1,280	0
2/29/2004	230	-1,633	0	100	-481	594	2,383	-80	88	-117	-70	35	83	-1,048	147
3/31/2004	231	-507	0	28	-2,447	660	3,477	-64	81	-163	19	49	85	-1,217	0
4/30/2004	232	633	0	34	-2,889	813	2,534	-50	92	-156	72	79	92	-1,254	0
5/31/2004	233	1,115	0	34	-2,898	953	1,831	-37	109	-112	97	103	103	-1,298	0
6/30/2004	234	1,296	0	36	-2,897	1,032	1,403	-20	122	-60	123	120	107	-1,262	0
7/31/2004	235	1,779	0	42	-3,422	1,195	1,309	86	114	-24	207	167	133	-1,587	0
8/31/2004	236	1,825	0	43	-3,443	1,323	1,131	115	118	-3	244	205	157	-1,716	0
9/30/2004	237	1,869	0	38	-3,452	1,401	965	132	125	10	272	233	174	-1,769	0
10/31/2004	238	-1,522	0	82	-707	1,247	1,683	-17	154	-40	54	162	155	-1,460	209
11/30/2004	239	1,152	0	35	-3,438	1,317	1,831	113	147	-43	229	205	166	-1,715	0
12/31/2004	240	-1,594	0	95	-597	1,209	1,681	-32	166	-84	21	139	145	-1,397	249

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 9 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period	Tile				Oxnard Plain		Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Channel Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2	Perched Aquifer	Forebay UAS								
1/31/2005	241	-4,396	0	182	-373	1,065	4,672	-70	169	-323	-79	67	110	-1,354	328
2/28/2005	242	-3,511	0	158	-374	473	4,633	-49	136	-450	-123	12	73	-1,180	204
3/31/2005	243	-3,339	0	45	-975	-381	6,720	-55	106	-707	-152	-20	61	-1,418	116
4/30/2005	244	-1,888	0	33	-2,456	-496	7,201	-60	78	-803	-69	-7	58	-1,667	77
5/31/2005	245	-908	0	40	-3,598	-247	7,292	-60	67	-832	12	26	68	-1,928	69
6/30/2005	246	-658	0	40	-3,576	-203	7,001	-86	52	-791	28	42	73	-1,980	59
7/31/2005	247	-719	-8	36	-2,636	-507	6,610	-188	28	-742	-64	23	80	-1,965	51
8/31/2005	248	183	-23	35	-2,639	-173	5,194	-189	15	-549	-85	13	84	-1,866	0
9/30/2005	249	-660	-33	31	-2,639	-412	6,372	-204	3	-579	-88	9	86	-1,927	41
10/31/2005	250	-633	-46	23	-1,663	-871	5,865	-224	-25	-576	-180	-24	80	-1,763	39
11/30/2005	251	421	-53	30	-2,636	-101	4,788	-199	-14	-419	-119	-15	80	-1,772	9
12/31/2005	252	399	-58	30	-2,642	88	4,573	-200	-13	-331	-119	-12	85	-1,800	0
1/31/2006	253	-613	-64	46	-1,471	-633	5,026	-198	-23	-354	-205	-50	69	-1,567	38
2/28/2006	254	-264	-62	52	-1,310	-551	4,112	-159	-19	-299	-198	-70	45	-1,311	33
3/31/2006	255	-1,385	-79	77	-1,002	-1,401	6,261	-188	-45	-474	-278	-117	28	-1,434	37
4/30/2006	256	-1,180	-89	81	-900	-1,809	6,497	-172	-61	-595	-306	-143	11	-1,378	45
5/31/2006	257	-111	-100	40	-2,862	-1,062	6,717	-93	-36	-630	-189	-109	19	-1,618	35
6/30/2006	258	975	-99	58	-4,631	334	5,818	-81	16	-475	-18	-34	44	-1,943	35
7/31/2006	259	331	-102	38	-2,771	-75	4,945	-140	4	-350	-130	-44	59	-1,795	32
8/31/2006	260	719	-98	35	-2,776	337	3,973	-129	16	-238	-137	-41	68	-1,760	31
9/30/2006	261	221	-90	39	-2,775	316	4,432	-125	25	-222	-121	-31	75	-1,770	29
10/31/2006	262	-93	-90	30	-2,784	206	5,103	-125	34	-302	-120	-25	83	-1,916	0
11/30/2006	263	563	-83	31	-2,781	490	3,912	-116	45	-226	-101	-14	87	-1,809	0
12/31/2006	264	183	-83	27	-1,975	230	3,648	-141	36	-193	-140	-37	78	-1,632	0
1/31/2007	265	-73	-81	39	-899	-156	3,014	-141	23	-163	-232	-82	53	-1,303	0
2/28/2007	266	125	-70	35	-1,685	91	3,135	-127	31	-112	-174	-78	42	-1,214	0
3/31/2007	267	896	-70	38	-2,762	752	2,806	-114	69	-83	-98	-52	58	-1,441	0
4/30/2007	268	350	-61	34	-1,539	506	2,223	-120	53	-59	-173	-67	49	-1,197	0
5/31/2007	269	1,252	-52	41	-2,758	1,186	1,681	-66	104	-10	-63	-33	62	-1,344	0
6/30/2007	270	1,255	-41	39	-2,758	1,351	1,284	-40	132	26	-14	-1	71	-1,306	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 10 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period					Oxnard Plain	Forebay UAS	Mound UAS	Valley UAS	Posas UAS	Coastal Flux	Coastal flux	Costal Flux		
		Storage	Tile Drains	Recharge	MNW2	Semi-Perched Aquifer					North of Islands Harbor	from Channel Islands Harbor to Arnold Road	from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
7/31/2007	271	1,169	-31	41	-2,342	1,356	927	-3	110	53	-11	9	79	-1,356	0
8/31/2007	272	1,297	-18	38	-2,350	1,305	782	8	116	66	14	26	86	-1,370	0
9/30/2007	273	562	-6	44	-2,353	1,095	1,745	-2	116	34	36	41	91	-1,404	0
10/31/2007	274	151	0	37	-2,362	979	2,479	-20	122	-38	45	54	101	-1,548	0
11/30/2007	275	1,014	0	34	-2,361	1,064	1,411	-20	129	-19	64	67	106	-1,487	0
12/31/2007	276	-279	0	30	-1,040	724	1,705	-38	150	-83	-56	42	101	-1,256	0
1/31/2008	277	-1,721	0	140	-411	470	2,672	-41	168	-222	-136	-7	74	-1,162	177
2/29/2008	278	-1,826	0	39	-1,007	8	4,240	-14	166	-407	-110	-22	54	-1,233	112
3/31/2008	279	-1,064	0	40	-2,587	173	5,229	0	168	-486	-19	3	66	-1,622	99
4/30/2008	280	172	-1	42	-2,592	427	3,635	-40	152	-378	-5	17	71	-1,583	84
5/31/2008	281	832	-3	42	-2,600	724	2,643	-35	156	-265	-3	26	78	-1,596	0
6/30/2008	282	1,150	-1	44	-2,599	935	1,888	-19	163	-161	16	38	81	-1,537	0
7/31/2008	283	1,474	0	46	-2,903	1,138	1,681	-51	168	-100	49	69	102	-1,673	0
8/31/2008	284	1,557	0	44	-2,914	1,287	1,335	-27	175	-41	76	94	119	-1,704	0
9/30/2008	285	1,229	0	48	-2,917	1,279	1,588	-17	178	-16	100	114	129	-1,715	0
10/31/2008	286	-453	0	41	-2,930	1,117	3,854	-29	185	-186	112	133	145	-1,989	0
11/30/2008	287	-575	0	39	-952	695	2,162	-58	156	-198	-22	77	117	-1,442	0
12/31/2008	288	-473	0	41	-960	572	2,136	-71	157	-173	-59	42	100	-1,313	0
1/31/2009	289	563	0	31	-2,236	767	2,105	-63	183	-120	14	60	97	-1,399	0
2/28/2009	290	-1,332	0	105	-342	360	2,276	-126	137	-145	-109	2	63	-1,008	119
3/31/2009	291	-26	0	35	-2,221	510	2,990	-129	172	-164	-36	19	70	-1,328	107
4/30/2009	292	641	0	34	-2,219	589	2,227	-95	176	-137	-10	32	70	-1,308	0
5/31/2009	293	1,042	0	33	-2,222	707	1,607	-65	197	-105	5	43	74	-1,317	0
6/30/2009	294	1,245	0	35	-2,218	761	1,147	-30	211	-59	30	55	74	-1,252	0
7/31/2009	295	1,818	0	44	-2,843	1,038	913	-16	215	-20	108	95	93	-1,445	0
8/31/2009	296	1,867	0	43	-2,854	1,152	681	3	224	10	146	127	110	-1,510	0
9/30/2009	297	1,920	0	46	-2,858	1,166	515	20	232	30	178	152	122	-1,524	0
10/31/2009	298	280	0	31	-2,064	1,143	1,266	51	265	-18	120	159	135	-1,369	0
11/30/2009	299	1,408	0	41	-2,866	1,253	912	52	262	-20	203	182	142	-1,567	0
12/31/2009	300	-1,381	0	53	-967	1,106	1,842	-14	273	-106	58	132	123	-1,318	201

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 11 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period	Tile				Oxnard Plain		Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Channel Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2	Perched Aquifer	Forebay UAS								
1/31/2010	301	-2,204	0	109	-439	1,019	2,242	-39	280	-222	-24	75	94	-1,122	230
2/28/2010	302	-2,412	0	81	-573	625	3,140	-52	245	-282	-54	35	67	-973	155
3/31/2010	303	-857	0	35	-2,511	697	3,819	-114	279	-310	53	69	82	-1,389	148
4/30/2010	304	-959	0	34	-1,504	438	3,130	-123	235	-307	-31	41	70	-1,151	127
5/31/2010	305	446	0	37	-2,510	665	2,661	-122	254	-255	37	62	79	-1,354	0
6/30/2010	306	1,023	0	37	-2,510	758	1,815	-103	257	-178	65	78	84	-1,326	0
7/31/2010	307	1,545	0	42	-3,164	1,006	1,504	27	246	-122	132	114	102	-1,430	0
8/31/2010	308	1,702	0	41	-3,176	1,072	1,175	68	253	-79	167	141	117	-1,480	0
9/30/2010	309	1,755	0	40	-3,169	1,120	949	93	258	-46	196	163	128	-1,487	0
10/31/2010	310	-1,368	0	40	-967	837	2,274	4	243	-92	28	105	111	-1,216	0
11/30/2010	311	-118	0	28	-2,231	814	2,403	20	229	-115	93	111	113	-1,347	0
12/31/2010	312	-2,912	0	163	-315	723	3,384	-95	211	-249	-80	41	87	-1,133	175
1/31/2011	313	-1,583	0	32	-2,591	576	5,103	-25	233	-429	24	53	81	-1,474	0
2/28/2011	314	-2,060	0	42	-843	111	4,127	-93	178	-451	-75	14	60	-1,125	115
3/31/2011	315	-2,484	0	110	-443	-291	4,835	-149	156	-567	-170	-41	41	-1,128	132
4/30/2011	316	-1,322	0	35	-2,882	-208	6,455	-126	170	-660	-67	-5	55	-1,527	82
5/31/2011	317	65	0	32	-2,880	84	4,685	-127	166	-565	-60	14	70	-1,557	73
6/30/2011	318	363	0	34	-2,902	335	3,976	-106	160	-437	-49	27	79	-1,543	64
7/31/2011	319	538	0	38	-2,584	457	3,375	-57	163	-356	-42	34	90	-1,656	0
8/31/2011	320	843	0	39	-2,585	664	2,679	-22	177	-265	-28	43	96	-1,642	0
9/30/2011	321	557	0	37	-2,583	675	2,825	-4	183	-222	-8	53	100	-1,612	0
10/31/2011	322	-964	0	27	-1,727	157	4,251	-46	168	-347	-87	33	101	-1,567	0
11/30/2011	323	-658	0	36	-1,112	-80	3,477	-63	125	-338	-123	-9	74	-1,330	0
12/31/2011	324	625	0	34	-2,571	472	3,062	-24	165	-269	-46	15	83	-1,546	0
1/31/2012	325	-4	0	35	-1,058	105	2,482	-89	138	-227	-140	-24	67	-1,285	0
2/29/2012	326	1,011	0	38	-2,383	688	2,128	-67	169	-137	-49	2	72	-1,473	0
3/31/2012	327	-128	0	37	-823	167	2,062	-104	151	-154	-139	-28	59	-1,186	87
4/30/2012	328	-385	0	36	-940	4	2,585	-94	140	-167	-153	-47	44	-1,098	75
5/31/2012	329	893	0	43	-2,379	612	2,304	-55	188	-128	-66	-17	59	-1,452	0
6/30/2012	330	1,207	0	43	-2,385	792	1,706	-46	201	-91	-24	11	70	-1,484	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 12 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period	Tile				Oxnard Plain		Mound UAS	Pleasant Valley UAS	West Las Posas UAS	Coastal Flux North of Islands Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2	Semi-Perched Aquifer	Forebay UAS								
7/31/2012	331	1,447	0	52	-2,730	870	1,608	16	193	-63	24	43	89	-1,549	0
8/31/2012	332	1,552	0	46	-2,741	971	1,325	45	197	-33	55	70	106	-1,593	0
9/30/2012	333	1,469	0	46	-2,743	1,052	1,243	59	200	-16	83	93	118	-1,604	0
10/31/2012	334	428	0	45	-2,757	1,075	2,401	43	206	-48	95	113	134	-1,736	0
11/30/2012	335	379	0	30	-1,511	849	1,324	11	197	-68	26	96	130	-1,462	0
12/31/2012	336	-92	0	37	-1,023	700	1,351	17	202	-83	-16	71	119	-1,283	0
1/31/2013	337	256	0	28	-1,212	651	1,229	16	202	-81	-8	57	103	-1,240	0
2/28/2013	338	1,081	0	35	-2,106	793	1,087	30	197	-50	54	76	102	-1,300	0
3/31/2013	339	659	0	30	-1,428	769	874	17	210	-59	24	77	108	-1,281	0
4/30/2013	340	1,349	0	36	-2,116	896	690	43	221	-41	77	97	113	-1,364	0
5/31/2013	341	1,341	0	36	-2,125	976	598	51	238	-31	100	118	124	-1,427	0
6/30/2013	342	1,368	0	38	-2,124	987	486	58	241	-23	120	131	128	-1,410	0
7/31/2013	343	1,699	0	43	-2,549	1,142	409	69	253	-15	162	163	151	-1,527	0
8/31/2013	344	1,673	0	40	-2,562	1,233	354	75	256	-9	186	190	169	-1,607	0
9/30/2013	345	1,675	0	41	-2,566	1,267	299	78	253	-6	206	208	179	-1,633	0
10/31/2013	346	1,674	0	36	-2,579	1,347	248	79	269	-7	228	235	199	-1,729	0
11/30/2013	347	1,671	0	35	-2,545	1,352	181	77	269	-9	242	247	205	-1,724	0
12/31/2013	348	1,698	0	39	-2,589	1,430	122	78	285	-11	264	271	222	-1,809	0
1/31/2014	349	1,850	0	40	-2,918	1,513	230	88	295	-9	285	293	230	-1,898	0
2/28/2014	350	-303	0	77	-642	1,294	14	62	264	-17	157	222	184	-1,312	0
3/31/2014	351	-275	0	38	-1,658	1,325	845	19	302	-33	192	234	192	-1,515	335
4/30/2014	352	1,159	0	42	-2,887	1,422	948	56	295	-41	254	259	200	-1,707	0
5/31/2014	353	1,337	0	42	-2,905	1,475	788	61	301	-50	285	291	220	-1,845	0
6/30/2014	354	1,550	0	42	-2,907	1,453	592	64	291	-52	299	303	225	-1,860	0
7/31/2014	355	1,492	0	39	-2,958	1,506	541	84	305	-61	355	339	244	-1,888	0
8/31/2014	356	1,530	0	37	-2,962	1,512	483	93	308	-64	372	359	255	-1,924	0
9/30/2014	357	1,625	0	37	-2,960	1,470	408	94	299	-62	378	364	258	-1,911	0
10/31/2014	358	1,649	0	35	-2,969	1,520	366	89	310	-71	399	389	274	-1,991	0
11/30/2014	359	1,216	0	29	-2,386	1,429	256	76	295	-75	347	373	269	-1,829	0
12/31/2014	360	-912	0	82	-561	1,557	234	40	315	-77	247	321	242	-1,486	0

Table C-5. Flow Budget for the UAS in the Oxnard Plain

(page 13 of 13)

		Influx(+) or Outflux(-), in acre-feet per month													
Date	Stress Period	Tile				Oxnard Plain Semi-Perched	Forebay	Mound	Pleasant Valley	West Las Posas	Coastal Flux North of Channel Islands Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Costal Flux from Arnold Road to Point Mugu	Oxnard Plain LAS	Santa Clara River Percolation
		Storage	Drains	Recharge	MNW2	Aquifer	UAS	UAS	UAS	UAS	Islands	Arnold Road	Mugu		
1/31/2015	361	-538	0	35	-882	1,266	408	43	330	-84	240	288	214	-1,320	0
2/28/2015	362	1,143	0	32	-2,484	1,202	394	73	314	-80	292	290	203	-1,379	0
3/31/2015	363	899	0	31	-2,336	1,293	415	65	352	-91	332	326	220	-1,507	0
4/30/2015	364	1,223	0	34	-2,499	1,291	248	58	344	-88	336	331	222	-1,499	0
5/31/2015	365	1,295	0	30	-2,510	1,343	135	57	353	-86	355	353	236	-1,561	0
6/30/2015	366	1,349	0	31	-2,508	1,331	74	56	342	-80	357	354	235	-1,542	0
7/31/2015	367	1,326	0	33	-2,599	1,393	50	87	344	-76	404	380	251	-1,591	0
8/31/2015	368	1,341	0	33	-2,612	1,415	27	96	335	-74	413	393	261	-1,628	0
9/30/2015	369	1,316	0	33	-2,536	1,388	-15	104	318	-70	400	392	263	-1,591	0
10/31/2015	370	1,380	0	33	-2,621	1,440	-25	110	323	-73	428	416	279	-1,691	0
11/30/2015	371	1,405	0	33	-2,618	1,420	-37	108	311	-71	428	414	278	-1,672	0
12/31/2015	372	1,364	0	34	-2,627	1,481	-47	110	320	-74	447	436	294	-1,739	0
monthly average		142	-18	50	-2,338	760	2,854	-8	-14	-194	59	117	149	-1,591	32
annual average		1,705	-221	599	-28,056	9,122	34,245	-94	-170	-2,330	712	1,408	1,785	-19,090	384

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Table C-6. Flow Budget for the LAS in the Oxnard Plain

(page 1 of 9)

		Influx(+) or Outflux(-), in acre-feet per month										
Date	Stress Period				Oxnard			Pleasant	West Las	Coastal	Coastal	Coastal
		Storage	Recharge	MNW2	Plain	Forebay	Mound	Valley	Posas	North of	flux from	Flux
					UAS	LAS	LAS	LAS	LAS	Channel	Harbor to	Channel
										Harbor	Road	Islands
												Coastal Flux
												from Arnold
												Road to
												Point Mugu
1/31/1985	1	-540	3	-1,384	1,625	105	19	-247	83	106	169	61
2/28/1985	2	-307	3	-1,290	1,319	90	40	-194	59	82	150	48
3/31/1985	3	436	2	-2,245	1,452	118	87	-237	65	92	175	55
4/30/1985	4	926	3	-2,983	1,531	135	157	-283	121	136	200	57
5/31/1985	5	770	3	-2,974	1,580	147	177	-303	149	163	224	63
6/30/1985	6	755	3	-2,974	1,529	147	192	-300	170	178	233	66
7/31/1985	7	1,050	2	-3,435	1,623	103	184	-282	209	193	262	91
8/31/1985	8	922	2	-3,426	1,671	102	188	-277	222	205	281	110
9/30/1985	9	835	2	-3,424	1,713	110	191	-266	215	213	290	120
10/31/1985	10	672	2	-3,397	1,771	116	200	-265	223	231	312	132
11/30/1985	11	-1,634	7	-433	1,362	87	128	-154	144	150	234	108
12/31/1985	12	71	2	-2,417	1,556	82	187	-212	189	184	252	105
1/31/1986	13	-1,352	6	-599	1,307	82	125	-122	121	135	210	87
2/28/1986	14	-1,351	12	-245	1,090	66	115	-81	82	91	157	63
3/31/1986	15	-1,340	9	-375	1,274	85	135	-78	9	77	148	56
4/30/1986	16	4	2	-1,866	1,419	105	159	-122	-18	99	165	52
5/31/1986	17	1,198	3	-3,718	1,738	137	236	-101	18	182	241	65
6/30/1986	18	1,103	3	-3,714	1,707	136	226	-83	64	215	271	74
7/31/1986	19	448	2	-2,727	1,737	83	204	-297	13	191	265	81
8/31/1986	20	556	2	-2,721	1,644	65	213	-357	53	190	268	85
9/30/1986	21	-176	2	-1,690	1,406	70	165	-318	67	157	235	81
10/31/1986	22	623	2	-2,720	1,547	54	220	-383	119	187	264	87
11/30/1986	23	-567	2	-1,334	1,329	69	169	-244	102	158	233	81
12/31/1986	24	646	2	-2,724	1,489	44	217	-359	148	188	262	86
1/31/1987	25	-650	3	-1,190	1,298	67	137	-246	133	149	222	78
2/28/1987	26	-223	2	-1,361	1,154	56	123	-262	127	128	191	64
3/31/1987	27	-591	3	-1,106	1,242	64	125	-249	126	127	196	64
4/30/1987	28	1,641	2	-3,715	1,498	74	186	-379	180	190	256	68
5/31/1987	29	1,367	2	-3,694	1,659	93	197	-439	207	231	298	78
6/30/1987	30	1,218	2	-3,692	1,740	107	206	-447	211	252	318	84
7/31/1987	31	1,208	2	-4,118	2,013	28	267	-398	237	297	348	114
8/31/1987	32	1,052	2	-4,110	2,055	1	279	-362	263	315	370	134
9/30/1987	33	1,004	2	-4,111	2,051	-16	282	-341	281	322	379	143
10/31/1987	34	-1,064	2	-1,700	1,796	27	200	-239	238	261	340	138
11/30/1987	35	-1,081	2	-1,508	1,666	-7	211	-153	222	234	296	118
12/31/1987	36	-1,509	5	-724	1,436	22	168	-142	180	197	264	103
1/31/1988	37	-1,147	3	-962	1,365	47	154	-117	153	176	241	85
2/29/1988	38	-347	2	-1,760	1,357	47	156	-98	152	183	237	72
3/31/1988	39	809	2	-3,429	1,749	81	188	-174	189	229	278	77
4/30/1988	40	-1,073	3	-994	1,468	85	110	-149	82	168	232	68
5/31/1988	41	814	2	-3,460	1,841	103	196	-195	122	228	277	74
6/30/1988	42	800	2	-3,455	1,821	104	192	-216	140	245	289	76
7/31/1988	43	970	2	-3,626	1,912	95	172	-416	206	266	317	102
8/31/1988	44	868	2	-3,617	1,948	95	179	-451	242	280	334	120
9/30/1988	45	824	2	-3,616	1,954	92	182	-457	264	287	341	128

Table C-6. Flow Budget for the LAS in the Oxnard Plain

(page 2 of 9)

		Influx(+) or Outflux(-), in acre-feet per month										
Date	Stress Period				Oxnard			Pleasant	West Las	Coastal	Coastal	Coastal
		Storage	Recharge	MNW2	Plain	Forebay	Mound	Valley	Posas	North of	flux from	Flux
					UAS	LAS	LAS	LAS	LAS	Channel	Harbor to	Channel
										Harbor	Road	Islands
												Coastal Flux
												from Arnold
												Road to
												Point Mugu
10/31/1988	46	640	2	-3,605	2,050	94	190	-469	290	305	363	140
11/30/1988	47	-423	2	-2,288	1,825	88	168	-351	238	277	336	130
12/31/1988	48	-1,804	5	-542	1,537	66	137	-198	188	216	284	111
1/31/1989	49	97	2	-2,929	1,782	66	305	-217	255	256	290	94
2/28/1989	50	-1,260	4	-779	1,311	61	152	-136	155	188	232	73
3/31/1989	51	163	2	-2,733	1,636	81	262	-187	183	241	276	76
4/30/1989	52	797	2	-3,573	1,746	74	295	-206	231	267	294	75
5/31/1989	53	611	2	-3,561	1,847	75	300	-221	258	292	319	80
6/30/1989	54	594	2	-3,561	1,843	73	300	-220	268	298	324	81
7/31/1989	55	570	1	-3,234	1,891	-27	238	-439	248	308	342	101
8/31/1989	56	558	1	-3,227	1,928	-40	234	-486	253	313	351	115
9/30/1989	57	593	1	-3,228	1,912	-47	230	-499	253	313	351	120
10/31/1989	58	462	1	-3,218	1,993	-49	233	-516	265	329	370	130
11/30/1989	59	470	1	-3,193	1,957	-36	229	-513	260	327	367	130
12/31/1989	60	376	1	-3,212	2,039	-55	233	-523	276	343	385	137
1/31/1990	61	-1,155	2	-1,410	1,735	-6	177	-326	228	294	343	118
2/28/1990	62	-696	2	-1,626	1,518	-19	178	-217	195	268	303	93
3/31/1990	63	1,016	1	-3,959	2,054	-142	283	-350	297	342	361	99
4/30/1990	64	948	1	-3,953	2,133	-164	277	-377	312	358	369	96
5/31/1990	65	652	1	-3,784	2,195	-135	276	-393	312	380	395	101
6/30/1990	66	732	1	-3,940	2,269	-179	287	-389	336	386	397	100
7/31/1990	67	406	1	-3,737	2,248	-166	244	-314	391	391	414	121
8/31/1990	68	358	1	-3,735	2,248	-165	245	-296	396	391	422	134
9/30/1990	69	412	1	-3,739	2,201	-166	242	-283	391	385	417	139
10/31/1990	70	283	1	-3,732	2,267	-168	247	-284	401	400	436	148
11/30/1990	71	224	1	-3,638	2,205	-173	242	-217	388	393	427	147
12/31/1990	72	235	1	-3,731	2,267	-173	246	-252	401	408	444	154
1/31/1991	73	-915	1	-2,167	1,981	-101	195	-267	331	388	421	134
2/28/1991	74	-1,476	3	-852	1,484	-50	138	-214	225	300	339	104
3/31/1991	75	-2,327	14	-112	1,569	3	145	-125	146	271	322	95
4/30/1991	76	506	1	-3,221	1,902	-57	218	-308	199	322	347	87
5/31/1991	77	428	1	-3,205	1,996	-71	215	-369	194	349	371	89
6/30/1991	78	494	1	-3,203	1,952	-86	210	-389	206	352	371	88
7/31/1991	79	607	1	-3,326	1,987	-39	178	-525	257	354	394	112
8/31/1991	80	551	1	-3,319	2,005	-39	176	-544	276	358	406	129
9/30/1991	81	561	1	-3,320	1,980	-39	172	-541	291	355	405	135
10/31/1991	82	402	1	-3,309	2,069	-38	176	-551	308	371	425	146
11/30/1991	83	434	1	-3,312	2,042	-40	171	-543	314	366	419	146
12/31/1991	84	-2,201	8	-327	1,673	-6	138	-245	163	306	365	127
1/31/1992	85	-1,728	3	-533	1,489	3	121	-176	105	281	331	104
2/29/1992	86	-1,976	14	-43	1,384	33	106	-97	15	217	266	80
3/31/1992	87	-1,765	9	-187	1,464	48	98	-84	-103	197	251	71
4/30/1992	88	93	1	-2,101	1,629	8	58	-216	-60	240	279	67
5/31/1992	89	32	1	-2,090	1,695	13	47	-263	-61	256	298	71
6/30/1992	90	104	1	-2,090	1,624	13	41	-275	-38	255	295	70

Table C-6. Flow Budget for the LAS in the Oxnard Plain

(page 3 of 9)

		Influx(+) or Outflux(-), in acre-feet per month										
Date	Stress Period	Oxnard							West Las Posas	Coastal North of Channel Islands Harbor	Coastal flux from Islands Harbor to Arnold Road	Coastal Flux from Arnold Road to Point Mugu
		Storage	Recharge	MNW2	Plain UAS	Forebay LAS	Mound LAS	Pleasant Valley LAS				
7/31/1992	91	611	2	-2,638	1,673	41	55	-448	54	254	310	86
8/31/1992	92	563	2	-2,629	1,663	42	64	-480	98	259	319	98
9/30/1992	93	541	2	-2,628	1,642	43	68	-486	135	260	320	104
10/31/1992	94	-332	1	-1,859	1,724	103	85	-409	11	248	317	109
11/30/1992	95	264	2	-2,622	1,949	85	65	-474	45	255	321	110
12/31/1992	96	-1,850	8	-269	1,753	84	56	-234	-100	188	267	97
1/31/1993	97	-1,875	14	-75	1,623	65	70	-140	-121	141	220	78
2/28/1993	98	-1,450	13	-137	1,344	50	77	-114	-107	97	170	57
3/31/1993	99	-1,209	6	-403	1,423	62	105	-154	-133	86	165	52
4/30/1993	100	302	2	-2,454	1,883	66	209	-297	-114	145	204	52
5/31/1993	101	288	2	-2,441	1,854	69	213	-343	-85	163	224	56
6/30/1993	102	313	2	-2,415	1,749	74	212	-351	-36	168	227	57
7/31/1993	103	602	2	-2,797	1,766	90	138	-305	19	162	243	80
8/31/1993	104	474	2	-2,790	1,807	99	139	-289	36	168	256	97
9/30/1993	105	348	2	-2,788	1,917	109	133	-274	17	171	260	105
10/31/1993	106	166	2	-2,778	2,083	115	126	-274	-6	177	273	116
11/30/1993	107	-154	2	-2,303	1,955	109	102	-234	-18	167	262	112
12/31/1993	108	-1,068	2	-1,091	1,796	103	84	-205	-68	123	224	101
1/31/1994	109	185	2	-2,535	1,872	108	103	-217	-24	165	245	88
2/28/1994	110	-1,433	8	-246	1,405	83	76	-143	-66	86	165	64
3/31/1994	111	-1,063	4	-623	1,444	93	91	-151	-84	75	157	58
4/30/1994	112	588	2	-2,563	1,593	101	118	-210	-17	130	192	55
5/31/1994	113	400	2	-2,546	1,712	114	129	-232	-16	154	216	59
6/30/1994	114	444	2	-2,552	1,626	107	135	-230	9	166	223	59
7/31/1994	115	1,005	2	-3,455	1,853	123	207	-315	66	188	249	77
8/31/1994	116	861	2	-3,443	1,905	123	206	-317	101	205	267	90
9/30/1994	117	787	2	-3,439	1,925	118	199	-309	128	214	276	98
10/31/1994	118	572	2	-3,427	2,066	120	195	-309	149	228	296	108
11/30/1994	119	-680	2	-1,677	1,778	101	124	-260	83	174	255	100
12/31/1994	120	-550	2	-1,842	1,798	96	135	-237	102	161	239	95
1/31/1995	121	-2,011	23	7	1,502	79	134	-119	42	89	179	75
2/28/1995	122	-639	2	-1,500	1,625	103	175	-82	-22	106	173	59
3/31/1995	123	-1,660	12	-130	1,461	94	155	-87	-89	53	139	51
4/30/1995	124	376	2	-2,590	1,633	101	220	-59	-47	125	188	51
5/31/1995	125	-75	2	-2,158	1,711	117	188	-79	-82	124	198	54
6/30/1995	126	258	2	-2,603	1,750	112	202	-72	-52	145	204	54
7/31/1995	127	233	2	-2,587	1,797	96	175	-114	-4	128	207	69
8/31/1995	128	183	2	-2,581	1,858	101	158	-133	5	119	208	80
9/30/1995	129	190	2	-2,581	1,864	103	145	-137	8	115	205	85
10/31/1995	130	55	2	-2,574	1,996	113	140	-144	-10	117	213	93
11/30/1995	131	115	2	-2,575	1,948	110	134	-141	-9	116	209	93
12/31/1995	132	-1,114	3	-902	1,668	113	92	-111	-75	69	173	84
1/31/1996	133	-546	2	-1,241	1,548	100	106	-181	-64	56	153	68
2/29/1996	134	-1,331	10	-168	1,353	102	90	-120	-102	16	102	49
3/31/1996	135	-354	2	-1,234	1,442	107	118	-166	-111	29	121	45

Table C-6. Flow Budget for the LAS in the Oxnard Plain

(page 4 of 9)

		Influx(+) or Outflux(-), in acre-feet per month										
Date	Stress Period										Coastal	Coastal Flux from Channel
		Storage	Recharge	MNW2	Oxnard Plain UAS	Forebay LAS	Mound LAS	Pleasant Valley LAS	West Las Posas LAS	North of Channel Harbor	Harbor to Arnold Road	
4/30/1996	136	309	2	-1,961	1,473	96	145	-236	-61	58	133	42
5/31/1996	137	567	3	-2,333	1,534	92	153	-271	-22	79	153	45
6/30/1996	138	551	3	-2,331	1,495	90	153	-273	12	93	162	46
7/31/1996	139	1,386	3	-3,603	1,783	108	210	-350	80	121	197	66
8/31/1996	140	1,155	3	-3,590	1,890	113	215	-351	115	146	224	82
9/30/1996	141	1,035	3	-3,585	1,928	113	217	-342	135	164	241	91
10/31/1996	142	-260	2	-2,145	1,826	127	157	-267	85	143	238	94
11/30/1996	143	-1,225	4	-805	1,553	109	132	-161	32	98	184	79
12/31/1996	144	-1,605	9	-293	1,542	112	128	-122	-40	61	144	65
1/31/1997	145	-1,463	8	-249	1,504	118	129	-116	-122	31	112	50
2/28/1997	146	720	2	-2,468	1,524	135	173	-278	-69	69	146	45
3/31/1997	147	473	2	-2,446	1,719	157	180	-339	-63	88	177	52
4/30/1997	148	490	2	-2,443	1,659	153	179	-347	-29	97	185	54
5/31/1997	149	415	2	-2,435	1,663	151	188	-358	8	109	199	59
6/30/1997	150	447	3	-2,437	1,583	144	190	-353	45	116	202	60
7/31/1997	151	1,077	3	-3,442	1,781	126	254	-398	132	149	239	80
8/31/1997	152	908	3	-3,432	1,840	125	262	-392	163	167	261	95
9/30/1997	153	832	3	-3,428	1,862	121	258	-379	181	177	271	103
10/31/1997	154	621	3	-3,417	1,991	131	264	-378	190	191	291	113
11/30/1997	155	-1,335	3	-851	1,561	106	169	-195	99	127	220	96
12/31/1997	156	-1,744	11	-223	1,438	99	154	-114	46	82	172	79
1/31/1998	157	-1,257	5	-693	1,477	109	197	-93	-29	66	154	63
2/28/1998	158	-1,447	29	-40	1,110	77	178	-62	-14	23	101	44
3/31/1998	159	-972	5	-801	1,424	115	257	-81	-120	21	111	40
4/30/1998	160	-508	3	-1,188	1,407	117	269	-109	-155	23	108	35
5/31/1998	161	-638	4	-917	1,355	117	224	-107	-177	10	98	32
6/30/1998	162	1,044	3	-3,455	1,832	153	444	-160	-161	81	179	40
7/31/1998	163	327	2	-2,386	1,671	136	257	-181	-100	60	159	55
8/31/1998	164	364	2	-2,381	1,594	124	243	-183	-48	59	160	65
9/30/1998	165	328	2	-2,363	1,589	131	232	-179	-33	62	161	69
10/31/1998	166	112	2	-2,373	1,823	148	227	-182	-69	66	169	76
11/30/1998	167	-402	2	-1,585	1,691	137	172	-160	-120	48	146	70
12/31/1998	168	-314	2	-1,691	1,712	133	178	-176	-91	45	134	66
1/31/1999	169	-813	3	-645	1,325	111	76	-116	-109	13	102	54
2/28/1999	170	479	3	-1,885	1,247	113	56	-144	-55	27	111	47
3/31/1999	171	-954	5	-355	1,221	109	68	-145	-76	1	84	42
4/30/1999	172	-721	4	-474	1,144	113	71	-125	-96	-12	63	33
5/31/1999	173	613	4	-1,938	1,218	121	58	-166	-54	14	94	37
6/30/1999	174	620	4	-1,934	1,172	114	48	-187	-16	31	109	40
7/31/1999	175	1,233	2	-2,784	1,363	152	120	-411	88	52	125	59
8/31/1999	176	1,053	2	-2,770	1,436	161	133	-430	126	72	145	73
9/30/1999	177	931	2	-2,763	1,484	165	137	-425	143	87	158	82
10/31/1999	178	705	2	-2,751	1,633	178	144	-430	145	103	178	92
11/30/1999	179	-82	2	-1,737	1,449	144	120	-352	112	91	166	87
12/31/1999	180	704	2	-2,750	1,580	161	153	-408	165	111	186	95

Table C-6. Flow Budget for the LAS in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month										
Date	Stress Period				Oxnard			Pleasant	West Las	Coastal	Coastal	Coastal
		Storage	Recharge	MNW2	Plain	Forebay	Mound	Valley	Posas	North of	flux from	Flux
					UAS	LAS	LAS	LAS	LAS	Channel	Islands	Channel
										Harbor	Harbor to	Coastal
											Road to	Flux
											Arnold	from
											Road	Arnold
												Point Mugu
1/31/2000	181	-843	3	-1,038	1,385	126	126	-198	95	99	165	81
2/29/2000	182	-1,309	9	-228	1,124	91	120	-109	59	60	123	59
3/31/2000	183	-903	3	-797	1,351	125	135	-123	-7	51	113	52
4/30/2000	184	-734	4	-744	1,222	115	125	-120	-41	36	96	42
5/31/2000	185	1,095	3	-3,023	1,528	160	171	-233	25	90	134	49
6/30/2000	186	1,003	3	-3,013	1,559	158	158	-257	56	120	158	54
7/31/2000	187	677	2	-2,691	1,545	146	155	-298	92	123	177	73
8/31/2000	188	603	2	-2,686	1,550	143	159	-292	116	129	189	86
9/30/2000	189	553	2	-2,684	1,573	145	155	-285	122	134	193	93
10/31/2000	190	-168	2	-2,051	1,723	163	137	-260	35	126	197	96
11/30/2000	191	410	2	-2,680	1,746	160	151	-276	57	134	199	98
12/31/2000	192	373	2	-2,673	1,739	147	149	-282	83	145	213	105
1/31/2001	193	-1,612	9	-214	1,365	85	94	-99	29	95	168	82
2/28/2001	194	-1,317	10	-196	1,146	74	96	-56	11	55	120	56
3/31/2001	195	-1,277	7	-330	1,305	103	116	-55	-53	33	105	47
4/30/2001	196	262	2	-1,975	1,398	129	110	-115	-52	55	123	46
5/31/2001	197	698	3	-2,679	1,556	156	104	-159	0	102	152	50
6/30/2001	198	661	3	-2,677	1,536	147	95	-168	38	126	167	51
7/31/2001	199	806	2	-2,959	1,573	138	105	-105	48	129	188	75
8/31/2001	200	691	2	-2,950	1,590	135	116	-89	73	136	202	93
9/30/2001	201	587	2	-2,946	1,658	144	115	-81	66	141	209	103
10/31/2001	202	277	2	-2,936	1,956	167	114	-79	9	151	224	114
11/30/2001	203	-1,499	5	-534	1,555	105	98	-52	-35	93	173	90
12/31/2001	204	-875	2	-991	1,446	96	92	-59	-14	77	148	75
1/31/2002	205	-313	1	-1,522	1,409	105	112	-78	3	76	145	62
2/28/2002	206	453	2	-2,274	1,353	118	125	-112	50	90	143	51
3/31/2002	207	252	2	-2,260	1,473	127	137	-135	74	110	165	54
4/30/2002	208	294	2	-2,262	1,413	126	141	-137	90	117	166	51
5/31/2002	209	228	2	-2,258	1,431	128	149	-142	104	129	176	52
6/30/2002	210	274	2	-2,261	1,375	125	150	-139	112	134	177	51
7/31/2002	211	1,473	2	-3,697	1,642	110	175	-320	167	165	212	73
8/31/2002	212	1,259	2	-3,680	1,776	95	180	-345	194	189	239	91
9/30/2002	213	1,115	2	-3,671	1,869	82	181	-347	209	204	255	101
10/31/2002	214	875	2	-3,656	2,015	71	190	-347	229	226	282	113
11/30/2002	215	-1,708	7	-534	1,575	30	137	-128	139	159	229	94
12/31/2002	216	-1,409	5	-624	1,438	36	150	-105	104	127	197	80
1/31/2003	217	98	2	-2,580	1,645	85	297	-123	123	163	215	75
2/28/2003	218	-1,463	9	-186	1,159	46	125	-57	56	100	156	55
3/31/2003	219	-1,191	6	-439	1,178	53	139	-50	34	79	142	50
4/30/2003	220	182	2	-2,073	1,351	86	226	-117	40	100	154	49
5/31/2003	221	-700	2	-1,058	1,319	91	152	-82	6	84	141	46
6/30/2003	222	570	2	-2,616	1,453	113	239	-127	43	114	160	48
7/31/2003	223	767	1	-2,491	1,354	108	104	-300	96	122	174	65
8/31/2003	224	727	1	-2,480	1,364	114	100	-338	116	133	185	78
9/30/2003	225	693	1	-2,476	1,361	116	99	-347	133	142	192	85

Table C-6. Flow Budget for the LAS in the Oxnard Plain

(page 6 of 9)

		Influx(+) or Outflux(-), in acre-feet per month										
Date	Stress Period				Oxnard			Pleasant	West Las	Coastal	Coastal	Coastal
		Storage	Recharge	MNW2	Plain	Forebay	Mound	Valley	Posas	North of	flux from	Flux
					UAS	LAS	LAS	LAS	LAS	Channel	Harbor to	Channel
										Harbor	Road	Arnold
												Flux
												from Arnold
												Road to
												Point Mugu
10/31/2003	226	550	1	-2,464	1,439	121	101	-356	147	158	209	94
11/30/2003	227	-420	1	-1,363	1,251	104	97	-191	98	137	196	88
12/31/2003	228	-527	2	-1,178	1,209	91	98	-181	94	125	185	82
1/31/2004	229	216	2	-1,988	1,280	121	87	-254	112	157	198	71
2/29/2004	230	-1,255	7	-214	1,048	74	78	-93	48	103	152	53
3/31/2004	231	81	2	-1,655	1,217	119	86	-256	64	128	164	49
4/30/2004	232	484	2	-2,125	1,254	128	79	-266	68	147	181	48
5/31/2004	233	378	2	-2,116	1,298	124	82	-268	82	166	202	51
6/30/2004	234	389	2	-2,117	1,262	117	82	-261	96	173	207	51
7/31/2004	235	1,525	2	-3,772	1,587	91	231	-360	158	212	250	76
8/31/2004	236	1,270	2	-3,751	1,716	83	252	-372	186	237	280	96
9/30/2004	237	1,141	2	-3,742	1,769	75	263	-369	205	252	297	107
10/31/2004	238	-1,714	7	-511	1,460	55	151	-105	118	191	254	95
11/30/2004	239	1,224	2	-3,756	1,715	75	272	-316	181	225	276	102
12/31/2004	240	-1,726	7	-392	1,397	45	156	-81	101	168	235	89
1/31/2005	241	-1,899	15	-95	1,354	80	168	-9	15	115	186	69
2/28/2005	242	-1,503	14	-145	1,180	75	162	2	-42	71	137	49
3/31/2005	243	-1,075	3	-761	1,418	114	206	-21	-128	64	134	44
4/30/2005	244	-133	2	-2,004	1,667	140	278	-64	-160	90	141	40
5/31/2005	245	399	2	-2,925	1,928	165	349	-106	-164	135	172	44
6/30/2005	246	325	2	-2,920	1,980	166	335	-115	-155	152	185	45
7/31/2005	247	68	2	-2,559	1,965	152	246	-117	-144	133	193	60
8/31/2005	248	142	2	-2,555	1,866	132	237	-120	-93	124	195	71
9/30/2005	249	79	2	-2,555	1,927	157	226	-120	-99	118	191	75
10/31/2005	250	-580	2	-1,615	1,763	140	145	-85	-118	92	180	77
11/30/2005	251	242	2	-2,558	1,772	130	220	-111	-54	100	179	77
12/31/2005	252	164	2	-2,552	1,800	125	220	-120	-17	108	188	82
1/31/2006	253	-930	3	-1,089	1,567	123	134	-66	-41	75	157	66
2/28/2006	254	-760	4	-923	1,311	100	129	-47	-33	52	119	48
3/31/2006	255	-1,023	5	-704	1,434	128	118	-47	-87	31	104	41
4/30/2006	256	-871	5	-683	1,378	134	110	-57	-137	9	82	32
5/31/2006	257	250	2	-2,240	1,618	173	220	-70	-141	45	109	34
6/30/2006	258	1,332	3	-3,945	1,943	176	362	-133	-54	112	152	39
7/31/2006	259	430	2	-2,824	1,795	148	249	-98	-26	102	166	56
8/31/2006	260	413	2	-2,820	1,760	139	250	-97	13	99	174	67
9/30/2006	261	375	1	-2,820	1,770	146	247	-94	24	100	176	73
10/31/2006	262	194	1	-2,812	1,916	171	250	-93	-1	106	187	81
11/30/2006	263	301	1	-2,815	1,809	146	248	-88	21	109	186	82
12/31/2006	264	-469	1	-1,778	1,632	121	180	-53	21	95	172	78
1/31/2007	265	-1,087	3	-616	1,303	81	111	-49	9	52	133	61
2/28/2007	266	-230	2	-1,334	1,214	67	152	-109	39	43	108	46
3/31/2007	267	362	2	-2,264	1,441	93	223	-171	64	68	133	49
4/30/2007	268	-281	2	-1,233	1,197	87	126	-156	46	51	116	43
5/31/2007	269	454	2	-2,267	1,344	92	225	-186	79	76	135	45
6/30/2007	270	458	2	-2,268	1,306	91	224	-187	92	91	145	46

Table C-6. Flow Budget for the LAS in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month										
										Coastal		
										Coastal	flux from	
										Flux	Channel	
										North of	Islands	Coastal Flux
Date	Stress Period	Storage	Recharge	MNW2	Oxnard			Pleasant	West Las	Channel	Harbor to	from Arnold
					Plain	Forebay	Mound	Valley	Posas	Islands	Road	Road to
					UAS	LAS	LAS	LAS	LAS	Harbor	Arnold	Point Mugu
7/31/2007	271	629	2	-2,444	1,356	80	219	-284	130	99	156	57
8/31/2007	272	579	2	-2,437	1,370	79	222	-298	145	108	165	65
9/30/2007	273	525	2	-2,433	1,404	90	219	-299	140	114	169	69
10/31/2007	274	342	2	-2,424	1,548	114	218	-304	121	125	182	75
11/30/2007	275	410	2	-2,425	1,487	95	217	-300	125	129	183	77
12/31/2007	276	-562	2	-1,110	1,256	111	110	-214	54	107	173	74
1/31/2008	277	-1,329	10	-294	1,162	112	109	-46	5	74	139	59
2/29/2008	278	-711	3	-944	1,233	128	148	-35	-45	63	115	45
3/31/2008	279	480	3	-2,727	1,622	117	262	-63	19	96	145	46
4/30/2008	280	486	3	-2,722	1,583	92	248	-66	65	109	156	46
5/31/2008	281	399	3	-2,714	1,596	75	248	-64	114	122	172	49
6/30/2008	282	421	3	-2,715	1,537	61	247	-61	156	128	175	49
7/31/2008	283	835	3	-3,269	1,673	89	245	-186	204	144	199	64
8/31/2008	284	750	3	-3,258	1,704	92	251	-210	224	156	213	76
9/30/2008	285	706	3	-3,255	1,715	96	251	-214	233	163	220	82
10/31/2008	286	378	3	-3,242	1,989	149	254	-218	182	176	237	91
11/30/2008	287	-1,199	3	-862	1,442	110	128	-92	62	134	196	77
12/31/2008	288	-926	3	-941	1,313	83	132	-76	55	113	175	69
1/31/2009	289	-28	2	-2,118	1,399	78	207	-34	127	123	182	63
2/28/2009	290	-1,244	7	-201	1,008	57	78	0	39	77	132	46
3/31/2009	291	133	2	-2,133	1,328	75	194	-19	119	97	157	49
4/30/2009	292	139	2	-2,135	1,308	77	190	-20	130	103	160	47
5/31/2009	293	88	2	-2,132	1,317	80	194	-17	138	112	169	48
6/30/2009	294	147	2	-2,136	1,252	77	195	-14	144	117	169	47
7/31/2009	295	961	2	-3,132	1,445	71	238	-184	209	143	188	56
8/31/2009	296	846	2	-3,121	1,510	72	244	-216	231	163	204	65
9/30/2009	297	796	2	-3,117	1,524	68	249	-225	244	176	214	70
10/31/2009	298	169	2	-2,302	1,369	119	168	-147	146	173	229	76
11/30/2009	299	655	2	-3,108	1,567	86	267	-200	231	189	233	78
12/31/2009	300	-1,147	4	-928	1,318	112	140	-34	98	160	208	71
1/31/2010	301	-1,504	8	-226	1,122	97	124	19	12	120	171	57
2/28/2010	302	-1,024	6	-428	973	84	118	26	-15	85	133	43
3/31/2010	303	240	2	-2,387	1,389	106	263	3	54	117	165	48
4/30/2010	304	-535	2	-1,174	1,151	95	154	12	12	95	145	42
5/31/2010	305	293	3	-2,388	1,354	97	246	-1	72	115	164	46
6/30/2010	306	297	3	-2,388	1,326	95	240	-4	92	123	169	47
7/31/2010	307	896	3	-3,138	1,430	87	252	-117	200	142	189	57
8/31/2010	308	772	3	-3,127	1,480	90	262	-138	231	159	204	65
9/30/2010	309	722	3	-3,122	1,487	88	266	-144	250	169	212	70
10/31/2010	310	-1,081	3	-802	1,216	82	133	-50	111	137	187	65
11/30/2010	311	329	2	-2,381	1,347	78	212	-134	159	138	186	64
12/31/2010	312	-1,508	13	-132	1,133	82	101	-22	27	97	154	56
1/31/2011	313	-87	3	-2,082	1,474	132	226	-12	19	118	158	52
2/28/2011	314	-856	3	-679	1,125	101	112	5	-64	81	128	43
3/31/2011	315	-1,185	10	-261	1,128	94	98	14	-104	54	113	39

Table C-6. Flow Budget for the LAS in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month										
Date	Stress Period	Oxnard							West Las Posas	Coastal Flux North of Channel Islands Harbor	Coastal flux from Channel Islands Harbor to Arnold Road	Coastal Flux from Arnold Road to Point Mugu
		Storage	Recharge	MNW2	Plain UAS	Forebay LAS	Mound LAS	Pleasant Valley LAS				
4/30/2011	316	690	2	-2,780	1,527	134	208	6	-55	81	142	47
5/31/2011	317	549	2	-2,751	1,557	129	210	5	-25	99	168	57
6/30/2011	318	513	2	-2,759	1,543	116	210	8	21	107	178	62
7/31/2011	319	292	2	-2,747	1,656	117	239	-6	77	116	186	67
8/31/2011	320	271	2	-2,746	1,642	114	245	-9	99	121	190	70
9/30/2011	321	289	2	-2,748	1,612	115	245	-9	110	124	189	70
10/31/2011	322	-348	2	-1,896	1,567	136	160	-12	26	108	187	71
11/30/2011	323	-953	3	-913	1,330	98	143	-3	4	83	149	59
12/31/2011	324	401	2	-2,698	1,546	107	239	-12	86	103	163	62
1/31/2012	325	-698	3	-1,097	1,285	78	145	-22	32	81	141	53
2/29/2012	326	695	3	-2,867	1,473	91	252	-46	98	102	150	49
3/31/2012	327	-806	3	-868	1,186	79	122	-24	42	80	139	46
4/30/2012	328	-518	3	-1,037	1,098	73	125	-18	49	62	123	39
5/31/2012	329	715	3	-2,870	1,452	98	257	-50	110	95	146	42
6/30/2012	330	638	3	-2,865	1,484	101	258	-60	125	114	158	44
7/31/2012	331	877	3	-3,180	1,549	97	246	-158	206	130	177	53
8/31/2012	332	784	3	-3,169	1,593	98	251	-181	226	144	191	60
9/30/2012	333	743	3	-3,167	1,604	94	254	-187	237	154	199	65
10/31/2012	334	545	3	-3,152	1,736	109	257	-193	236	169	217	72
11/30/2012	335	-252	2	-1,912	1,462	94	179	-143	147	147	203	72
12/31/2012	336	-793	3	-1,121	1,283	80	150	-89	102	129	187	71
1/31/2013	337	-539	2	-1,354	1,240	87	181	-84	111	122	173	62
2/28/2013	338	647	2	-2,681	1,300	95	222	-124	181	127	175	55
3/31/2013	339	-247	2	-1,725	1,281	92	182	-113	152	134	185	57
4/30/2013	340	515	2	-2,670	1,364	101	227	-130	196	145	193	56
5/31/2013	341	388	2	-2,661	1,427	107	232	-134	210	161	209	59
6/30/2013	342	396	2	-2,662	1,410	105	231	-133	213	166	212	59
7/31/2013	343	986	2	-3,271	1,527	85	210	-268	236	191	233	70
8/31/2013	344	859	2	-3,258	1,607	67	217	-283	252	208	250	78
9/30/2013	345	811	2	-3,253	1,633	52	221	-286	262	218	258	82
10/31/2013	346	642	2	-3,241	1,729	41	231	-288	277	238	280	90
11/30/2013	347	609	2	-3,195	1,724	31	233	-289	269	242	284	91
12/31/2013	348	498	2	-3,230	1,809	21	242	-291	290	258	303	97
1/31/2014	349	635	2	-3,606	1,898	31	274	-229	310	274	317	93
2/28/2014	350	-1,533	6	-583	1,312	15	154	-80	171	212	252	74
3/31/2014	351	-498	2	-1,905	1,515	21	212	-120	210	222	265	75
4/30/2014	352	949	2	-3,637	1,707	54	262	-200	271	239	279	73
5/31/2014	353	723	2	-3,618	1,845	69	268	-225	288	266	306	77
6/30/2014	354	695	2	-3,617	1,860	73	267	-234	292	273	312	77
7/31/2014	355	484	2	-3,183	1,888	-141	230	-303	308	293	333	89
8/31/2014	356	465	2	-3,179	1,924	-192	233	-310	313	303	343	97
9/30/2014	357	500	2	-3,182	1,911	-213	232	-308	312	303	343	100
10/31/2014	358	370	2	-3,172	1,991	-229	239	-310	322	319	361	107
11/30/2014	359	42	1	-2,612	1,829	-215	216	-299	286	301	346	104
12/31/2014	360	-2,022	7	-315	1,486	-82	172	-84	173	263	308	94

Table C-6. Flow Budget for the LAS in the Oxnard Plain

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		Influx(+) or Outflux(-), in acre-feet per month										
											Coastal flux from Channel Islands	Coastal Flux from Arnold Road to Point Mugu
					Oxnard		Pleasant	West Las	North of	Harbor to		
		Storage	Recharge	MNW2	Plain	Forebay	Mound	Valley	Posas	Islands	Arnold	
Date	Stress Period				UAS	LAS	LAS	LAS	LAS	Harbor	Road	
1/31/2015	361	-1,391	3	-745	1,320	-65	178	-39	149	235	274	80
2/28/2015	362	604	1	-2,729	1,379	-139	217	-121	232	229	257	70
3/31/2015	363	-113	1	-2,259	1,507	-147	223	-75	245	261	283	73
4/30/2015	364	412	1	-2,714	1,499	-148	216	-131	249	262	283	71
5/31/2015	365	304	1	-2,704	1,561	-149	219	-144	258	278	300	74
6/30/2015	366	335	1	-2,705	1,542	-147	215	-148	259	276	298	73
7/31/2015	367	429	1	-2,740	1,591	-196	185	-233	270	292	315	86
8/31/2015	368	446	1	-2,764	1,628	-200	188	-286	269	297	324	94
9/30/2015	369	452	1	-2,703	1,591	-198	180	-300	267	291	322	97
10/31/2015	370	347	1	-2,753	1,691	-199	198	-310	274	308	339	105
11/30/2015	371	381	1	-2,757	1,672	-197	195	-310	272	305	335	105
12/31/2015	372	263	1	-2,749	1,739	-198	201	-315	278	319	351	110
monthly average		29	3	-2,227	1,591	71	179	-202	96	161	221	76
annual average		348	37	-26,722	19,090	857	2,151	-2,419	1,156	1,936	2,654	908

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Table C-7. Flow Budget for the Semi-perched Aquifer in Pleasant Valley

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month									
		Tile		Recharge	MNW2	ET	Oxnard				
		Storage	Drains				Plain Semi-Perched Aquifer	Pleasant Valley UAS	Partial Arroyo Las Posas Percolation	Partial Conejo Creek Percolation	Calleguas Creek Percolation
1/31/1985	1	-697	-32	570	-11	0	-37	-752	0	304	656
2/28/1985	2	-747	-27	551	-11	0	-42	-609	0	280	605
3/31/1985	3	-678	-28	637	-15	-1	-53	-794	0	296	637
4/30/1985	4	-306	-24	608	-18	-2	-58	-1,023	0	264	560
5/31/1985	5	-117	-23	494	-21	-5	-71	-1,103	0	272	574
6/30/1985	6	-42	-21	518	-22	-5	-82	-1,124	0	258	520
7/31/1985	7	-23	-25	543	-26	-7	-93	-1,215	0	272	574
8/31/1985	8	77	-28	512	-28	-10	-101	-1,267	0	271	574
9/30/1985	9	104	-30	535	-29	-13	-106	-1,288	0	265	563
10/31/1985	10	193	-35	481	-31	-17	-116	-1,342	0	277	590
11/30/1985	11	-1,224	-69	1,211	-24	-26	-109	-853	0	346	748
12/31/1985	12	-161	-80	676	-27	-29	-112	-1,202	0	297	639
1/31/1986	13	-1,115	-112	997	-22	-36	-110	-769	0	369	797
2/28/1986	14	-2,567	-186	2,037	-16	-51	-100	-753	252	436	948
3/31/1986	15	-2,198	-272	1,742	-15	-67	-109	-713	223	448	962
4/30/1986	16	-213	-236	506	-19	-57	-104	-858	0	310	670
5/31/1986	17	-69	-231	606	-23	-55	-113	-1,053	0	297	641
6/30/1986	18	96	-208	521	-24	-49	-116	-1,098	0	280	600
7/31/1986	19	149	-202	625	-28	-48	-123	-1,258	0	282	603
8/31/1986	20	241	-190	576	-30	-46	-125	-1,300	0	279	596
9/30/1986	21	115	-175	507	-27	-44	-120	-1,148	0	283	609
10/31/1986	22	247	-176	569	-31	-44	-126	-1,320	0	281	600
11/30/1986	23	-216	-173	564	-26	-44	-120	-989	0	317	687
12/31/1986	24	256	-174	559	-30	-44	-126	-1,295	0	274	580
1/31/1987	25	-179	-179	604	-26	-45	-121	-1,032	0	309	668
2/28/1987	26	-36	-163	541	-24	-41	-106	-1,027	0	271	584
3/31/1987	27	-235	-184	626	-24	-46	-114	-956	0	296	638
4/30/1987	28	224	-185	732	-29	-45	-115	-1,428	0	270	576
5/31/1987	29	409	-189	694	-34	-46	-127	-1,567	0	275	585
6/30/1987	30	470	-184	732	-36	-45	-129	-1,629	0	263	557
7/31/1987	31	501	-183	662	-38	-45	-136	-1,608	0	272	576
8/31/1987	32	553	-175	615	-40	-43	-139	-1,630	0	275	585
9/30/1987	33	587	-160	609	-40	-41	-140	-1,625	0	261	549
10/31/1987	34	76	-161	545	-37	-42	-138	-1,327	0	343	742
11/30/1987	35	-126	-156	666	-32	-41	-129	-1,135	0	302	652
12/31/1987	36	-786	-185	926	-29	-47	-124	-974	0	386	833
1/31/1988	37	-399	-186	634	-27	-47	-119	-990	0	358	775
2/29/1988	38	-200	-172	559	-24	-43	-109	-990	0	310	670
3/31/1988	39	165	-182	631	-30	-46	-118	-1,349	0	295	634
4/30/1988	40	-250	-177	647	-26	-44	-112	-1,011	0	308	665
5/31/1988	41	159	-184	738	-30	-45	-118	-1,380	0	275	585
6/30/1988	42	259	-175	675	-32	-43	-117	-1,409	0	269	573
7/31/1988	43	362	-169	612	-34	-43	-124	-1,455	0	273	578
8/31/1988	44	438	-156	559	-35	-40	-127	-1,477	0	270	569
9/30/1988	45	402	-143	566	-36	-38	-124	-1,477	0	271	578
10/31/1988	46	445	-140	542	-38	-38	-129	-1,524	0	281	600
11/30/1988	47	259	-127	502	-34	-35	-124	-1,292	0	271	580

Table C-7. Flow Budget for the Semi-perched Aquifer in Pleasant Valley

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month									
		Oxnard									
		Tile		Recharge	MNW2	ET	Plain	Pleasant	Partial	Partial	Calleguas
		Storage	Drains				Semi-Perched Aquifer	Valley UAS	Arroyo Las Posas Percolation	Conejo Creek Percolation	Creek Percolation
12/31/1988	48	-1,012	-172	1,252	-30	-44	-125	-1,022	0	365	789
1/31/1989	49	260	-154	432	-31	-41	-123	-1,283	0	298	642
2/28/1989	50	-605	-156	837	-25	-40	-109	-935	0	327	708
3/31/1989	51	16	-169	608	-29	-44	-120	-1,228	0	306	660
4/30/1989	52	182	-159	628	-31	-41	-118	-1,323	0	275	588
5/31/1989	53	250	-159	620	-33	-41	-125	-1,390	0	280	598
6/30/1989	54	348	-144	510	-33	-38	-123	-1,369	0	271	578
7/31/1989	55	405	-141	637	-36	-38	-127	-1,559	0	275	585
8/31/1989	56	428	-134	608	-37	-37	-128	-1,575	0	280	596
9/30/1989	57	425	-125	585	-37	-35	-125	-1,564	0	278	597
10/31/1989	58	446	-123	571	-39	-35	-131	-1,616	0	294	633
11/30/1989	59	471	-113	572	-39	-33	-127	-1,599	0	276	592
12/31/1989	60	498	-111	578	-40	-33	-132	-1,651	0	284	607
1/31/1990	61	10	-112	535	-37	-35	-129	-1,355	0	355	767
2/28/1990	62	-12	-102	545	-32	-31	-114	-1,163	0	288	622
3/31/1990	63	425	-110	621	-38	-33	-127	-1,591	0	273	580
4/30/1990	64	462	-102	601	-39	-32	-125	-1,602	0	268	569
5/31/1990	65	523	-100	597	-41	-31	-131	-1,659	0	271	571
6/30/1990	66	573	-87	606	-41	-28	-129	-1,659	0	257	507
7/31/1990	67	688	-72	559	-42	-25	-132	-1,710	0	262	473
8/31/1990	68	635	-65	557	-43	-23	-131	-1,705	0	265	510
9/30/1990	69	636	-55	557	-42	-21	-125	-1,671	0	254	467
10/31/1990	70	577	-56	563	-44	-23	-132	-1,717	0	268	562
11/30/1990	71	464	-54	467	-42	-23	-122	-1,555	0	276	591
12/31/1990	72	534	-56	556	-44	-24	-124	-1,707	0	277	589
1/31/1991	73	357	-51	489	-42	-23	-122	-1,508	0	286	613
2/28/1991	74	-60	-48	523	-35	-21	-106	-1,219	0	305	661
3/31/1991	75	-2,543	-123	2,283	-33	-37	-119	-1,272	279	494	1,072
4/30/1991	76	298	-104	633	-35	-32	-117	-1,519	0	278	597
5/31/1991	77	501	-89	580	-38	-29	-123	-1,602	0	266	533
6/30/1991	78	530	-70	561	-38	-25	-119	-1,598	0	257	502
7/31/1991	79	538	-52	530	-40	-21	-122	-1,521	0	259	429
8/31/1991	80	553	-39	536	-40	-17	-121	-1,536	0	257	408
9/30/1991	81	452	-34	527	-40	-16	-115	-1,510	0	255	481
10/31/1991	82	392	-36	533	-42	-18	-117	-1,557	0	271	573
11/30/1991	83	531	-26	553	-41	-14	-114	-1,526	0	249	388
12/31/1991	84	-1,434	-61	1,534	-36	-25	-115	-1,179	40	405	872
1/31/1992	85	-397	-63	583	-33	-25	-111	-1,076	0	355	767
2/29/1992	86	-4,091	-183	2,789	-28	-61	-108	-1,222	465	716	1,721
3/31/1992	87	-2,192	-233	1,716	-26	-72	-118	-1,214	356	543	1,241
4/30/1992	88	72	-186	497	-27	-54	-114	-1,201	0	320	693
5/31/1992	89	139	-166	514	-29	-46	-117	-1,262	0	306	660
6/30/1992	90	154	-144	491	-28	-41	-112	-1,235	0	290	625
7/31/1992	91	184	-135	578	-31	-39	-117	-1,316	0	279	596
8/31/1992	92	275	-121	486	-33	-36	-118	-1,329	0	279	596
9/30/1992	93	282	-107	475	-32	-33	-115	-1,314	0	270	575
10/31/1992	94	54	-109	600	-33	-34	-118	-1,298	0	297	640

Table C-7. Flow Budget for the Semi-perched Aquifer in Pleasant Valley

(page 3 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month									
		Tile		Recharge	MNW2	ET	Oxnard	Pleasant Valley UAS	Partial Arroyo Las Posas	Partial Conejo Creek	Calleguas Creek
		Storage	Drains				Plain Semi-Perched Aquifer		Percolation	Percolation	Percolation
11/30/1992	95	154	-104	620	-33	-32	-115	-1,344	0	272	582
12/31/1992	96	-1,329	-146	1,399	-28	-42	-117	-1,174	186	396	855
1/31/1993	97	-4,047	-301	2,863	-24	-84	-118	-1,172	443	735	1,705
2/28/1993	98	-2,779	-350	1,847	-20	-126	-104	-1,104	442	642	1,552
3/31/1993	99	-899	-350	840	-20	-115	-109	-1,065	306	436	977
4/30/1993	100	88	-283	379	-21	-78	-106	-1,010	0	326	705
5/31/1993	101	-13	-265	580	-23	-61	-109	-1,092	0	311	671
6/30/1993	102	-1	-238	581	-23	-53	-105	-1,072	0	289	622
7/31/1993	103	75	-224	422	-24	-50	-109	-1,012	0	292	629
8/31/1993	104	-70	-217	583	-24	-49	-109	-1,023	0	289	620
9/30/1993	105	-34	-204	557	-24	-46	-106	-1,006	0	275	588
10/31/1993	106	-115	-210	591	-25	-48	-109	-1,041	0	303	654
11/30/1993	107	-109	-198	484	-23	-46	-104	-939	0	296	640
12/31/1993	108	-341	-203	490	-22	-48	-104	-820	0	331	716
1/31/1994	109	-115	-203	521	-22	-47	-103	-960	0	295	634
2/28/1994	110	-1,528	-235	1,337	-17	-52	-93	-786	240	356	778
3/31/1994	111	-831	-266	796	-16	-58	-100	-743	131	343	743
4/30/1994	112	-105	-245	455	-17	-51	-95	-827	0	281	604
5/31/1994	113	-74	-244	496	-19	-51	-99	-893	0	282	602
6/30/1994	114	21	-227	430	-19	-47	-97	-898	0	268	570
7/31/1994	115	123	-228	469	-22	-48	-103	-1,048	0	274	582
8/31/1994	116	170	-223	485	-23	-47	-106	-1,105	0	272	577
9/30/1994	117	82	-220	561	-24	-46	-105	-1,130	0	280	602
10/31/1994	118	84	-234	638	-26	-48	-111	-1,192	0	283	605
11/30/1994	119	-25	-226	541	-24	-47	-106	-993	0	279	599
12/31/1994	120	-35	-229	511	-23	-48	-107	-995	0	294	632
1/31/1995	121	-5,434	-590	4,025	-17	-137	-112	-784	487	760	1,802
2/28/1995	122	-84	-439	379	-14	-92	-98	-653	0	318	685
3/31/1995	123	-2,944	-649	2,210	-13	-154	-105	-655	427	545	1,337
4/30/1995	124	-52	-537	446	-13	-121	-97	-724	0	349	750
5/31/1995	125	23	-494	497	-14	-100	-98	-865	0	332	719
6/30/1995	126	87	-435	423	-14	-79	-94	-864	0	309	667
7/31/1995	127	15	-422	480	-15	-71	-94	-824	0	295	636
8/31/1995	128	0	-405	511	-15	-67	-91	-838	0	288	617
9/30/1995	129	-6	-381	492	-15	-63	-86	-828	0	282	606
10/31/1995	130	-9	-385	485	-15	-64	-87	-842	0	291	626
11/30/1995	131	29	-364	427	-15	-60	-83	-815	0	280	602
12/31/1995	132	-579	-393	592	-13	-68	-84	-566	0	351	759
1/31/1996	133	-228	-392	417	-13	-68	-80	-689	0	333	720
2/29/1996	134	-2,007	-493	1,699	-9	-84	-74	-527	264	383	848
3/31/1996	135	-332	-501	493	-10	-82	-76	-603	72	328	710
4/30/1996	136	-40	-466	485	-11	-74	-71	-740	0	291	626
5/31/1996	137	46	-468	517	-13	-72	-73	-833	0	285	610
6/30/1996	138	141	-438	453	-13	-67	-73	-861	0	274	585
7/31/1996	139	262	-441	514	-17	-66	-81	-1,015	0	271	572
8/31/1996	140	308	-430	484	-19	-65	-86	-1,091	0	286	613
9/30/1996	141	313	-413	554	-20	-62	-89	-1,139	0	273	583

Table C-7. Flow Budget for the Semi-perched Aquifer in Pleasant Valley

(page 4 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month									
		Oxnard									
		Tile		Recharge	MNW2	ET	Plain	Pleasant	Partial	Partial	Calleguas
		Storage	Drains				Semi-Perched	Valley	Arroyo Las	Conejo	Creek
							Aquifer	UAS	Posas	Creek	Creek
									Percolation	Percolation	Percolation
10/31/1996	142	18	-433	623	-19	-67	-93	-1,018	0	313	676
11/30/1996	143	-590	-457	888	-16	-72	-90	-718	0	333	720
12/31/1996	144	-2,083	-623	1,868	-12	-102	-90	-675	299	439	980
1/31/1997	145	-1,726	-710	1,600	-9	-130	-86	-579	287	422	932
2/28/1997	146	168	-587	470	-11	-97	-76	-745	0	278	600
3/31/1997	147	236	-606	549	-15	-89	-84	-893	0	287	615
4/30/1997	148	262	-557	540	-15	-77	-82	-924	0	272	581
5/31/1997	149	354	-542	493	-17	-74	-87	-978	0	273	577
6/30/1997	150	375	-496	448	-17	-69	-86	-989	0	267	567
7/31/1997	151	439	-495	494	-19	-71	-93	-1,152	0	285	611
8/31/1997	152	389	-489	590	-20	-71	-97	-1,208	0	288	618
9/30/1997	153	382	-470	621	-21	-68	-98	-1,222	0	278	597
10/31/1997	154	385	-481	646	-23	-71	-105	-1,281	0	295	634
11/30/1997	155	-333	-483	762	-18	-75	-100	-909	55	348	753
12/31/1997	156	-2,215	-670	2,061	-14	-116	-102	-814	328	470	1,072
1/31/1998	157	-679	-657	878	-12	-117	-97	-814	278	380	841
2/28/1998	158	-6,413	-1,232	5,395	-8	-249	-91	-435	574	547	1,912
3/31/1998	159	-462	-1,161	939	-7	-243	-99	-614	324	322	1,001
4/30/1998	160	76	-970	531	-7	-204	-88	-730	253	326	813
5/31/1998	161	-265	-925	734	-6	-192	-84	-686	278	337	810
6/30/1998	162	344	-822	554	-8	-163	-81	-897	78	315	680
7/31/1998	163	307	-792	512	-10	-149	-83	-775	0	313	676
8/31/1998	164	246	-758	585	-10	-127	-82	-811	0	303	655
9/30/1998	165	261	-704	518	-11	-108	-80	-809	0	295	637
10/31/1998	166	283	-700	510	-11	-100	-82	-837	0	298	641
11/30/1998	167	123	-660	509	-10	-94	-77	-752	0	304	657
12/31/1998	168	158	-661	427	-10	-92	-76	-746	0	316	684
1/31/1999	169	-280	-669	648	-8	-96	-74	-594	44	325	704
2/28/1999	170	192	-600	467	-10	-84	-68	-829	0	295	637
3/31/1999	171	-713	-715	963	-8	-108	-73	-616	168	348	754
4/30/1999	172	-365	-695	671	-6	-103	-67	-674	247	313	680
5/31/1999	173	213	-703	573	-9	-97	-72	-831	0	294	632
6/30/1999	174	320	-662	535	-10	-87	-74	-899	0	279	599
7/31/1999	175	388	-671	554	-13	-83	-80	-965	0	278	592
8/31/1999	176	461	-654	539	-15	-81	-85	-1,042	0	279	596
9/30/1999	177	368	-633	651	-16	-79	-85	-1,086	0	280	600
10/31/1999	178	407	-651	722	-18	-81	-92	-1,168	0	281	600
11/30/1999	179	395	-604	488	-17	-78	-89	-1,018	0	293	631
12/31/1999	180	531	-605	540	-18	-79	-96	-1,167	0	284	609
1/31/2000	181	134	-583	508	-15	-78	-94	-824	0	302	651
2/29/2000	182	-1,641	-679	1,672	-10	-107	-89	-648	288	368	846
3/31/2000	183	-210	-698	632	-10	-110	-91	-712	137	336	727
4/30/2000	184	-420	-683	744	-8	-109	-83	-684	161	342	741
5/31/2000	185	185	-690	608	-11	-101	-89	-848	0	300	646
6/30/2000	186	366	-641	493	-13	-89	-90	-920	0	283	609
7/31/2000	187	542	-625	437	-15	-83	-96	-1,056	0	285	610
8/31/2000	188	577	-592	420	-16	-78	-99	-1,085	0	278	594

Table C-7. Flow Budget for the Semi-perched Aquifer in Pleasant Valley

(page 5 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month									
		Tile		Recharge	MNW2	ET	Oxnard				
		Storage	Drains				Plain Semi-Perched Aquifer	Pleasant Valley UAS	Partial Arroyo Las Posas Percolation	Partial Conejo Creek Percolation	Calleguas Creek Percolation
9/30/2000	189	464	-562	548	-16	-74	-98	-1,095	0	267	567
10/31/2000	190	332	-575	584	-17	-77	-101	-1,062	0	291	625
11/30/2000	191	371	-554	617	-17	-74	-99	-1,101	0	273	585
12/31/2000	192	465	-554	496	-18	-76	-104	-1,127	0	292	627
1/31/2001	193	-1,410	-666	1,507	-13	-102	-102	-782	297	389	883
2/28/2001	194	-1,951	-740	1,860	-9	-134	-90	-631	329	400	967
3/31/2001	195	-1,727	-926	1,557	-8	-187	-98	-578	347	479	1,142
4/30/2001	196	130	-823	628	-10	-158	-93	-812	125	321	691
5/31/2001	197	316	-793	615	-11	-142	-97	-857	0	307	662
6/30/2001	198	402	-719	532	-12	-114	-96	-895	0	286	616
7/31/2001	199	537	-701	579	-13	-103	-97	-1,130	0	295	635
8/31/2001	200	614	-660	510	-14	-93	-98	-1,164	0	287	616
9/30/2001	201	479	-626	642	-14	-85	-97	-1,174	0	278	597
10/31/2001	202	481	-632	638	-16	-83	-101	-1,209	0	292	628
11/30/2001	203	-424	-643	905	-12	-93	-93	-813	158	321	694
12/31/2001	204	-2	-646	560	-11	-94	-92	-707	12	310	670
1/31/2002	205	90	-624	467	-10	-89	-90	-752	29	310	669
2/28/2002	206	216	-559	549	-10	-76	-81	-882	0	267	575
3/31/2002	207	267	-609	575	-11	-81	-90	-972	0	292	629
4/30/2002	208	404	-566	425	-11	-75	-89	-967	0	280	601
5/31/2002	209	466	-557	372	-12	-75	-93	-1,004	0	287	616
6/30/2002	210	492	-514	340	-12	-71	-92	-1,000	0	273	584
7/31/2002	211	409	-527	464	-16	-72	-102	-1,048	0	284	607
8/31/2002	212	481	-518	463	-18	-72	-108	-1,142	0	290	624
9/30/2002	213	477	-496	535	-19	-69	-110	-1,185	0	276	591
10/31/2002	214	541	-500	509	-22	-71	-118	-1,256	0	291	626
11/30/2002	215	-904	-551	1,224	-16	-81	-114	-951	255	358	782
12/31/2002	216	-507	-591	839	-14	-95	-112	-901	272	344	764
1/31/2003	217	316	-549	391	-14	-83	-113	-904	0	303	653
2/28/2003	218	-1,744	-627	1,654	-10	-117	-101	-686	314	389	928
3/31/2003	219	-658	-692	860	-10	-134	-105	-715	269	371	814
4/30/2003	220	137	-619	370	-10	-112	-101	-795	105	323	700
5/31/2003	221	-121	-614	463	-9	-109	-100	-568	0	334	724
6/30/2003	222	327	-549	400	-10	-83	-99	-723	0	255	480
7/31/2003	223	353	-546	542	-13	-75	-104	-919	0	264	497
8/31/2003	224	469	-512	483	-14	-66	-108	-983	0	262	469
9/30/2003	225	505	-467	520	-15	-58	-107	-1,012	0	248	386
10/31/2003	226	615	-452	541	-16	-56	-114	-1,075	0	249	307
11/30/2003	227	265	-416	495	-14	-53	-110	-838	0	251	419
12/31/2003	228	14	-444	545	-14	-62	-110	-853	37	282	604
1/31/2004	229	171	-449	461	-14	-64	-113	-858	0	277	589
2/29/2004	230	-1,390	-540	1,421	-11	-84	-106	-692	284	336	781
3/31/2004	231	158	-550	484	-12	-79	-113	-766	0	281	599
4/30/2004	232	295	-501	436	-13	-68	-113	-802	0	257	509
5/31/2004	233	444	-468	407	-14	-62	-118	-864	0	258	417
6/30/2004	234	264	-444	373	-14	-63	-115	-860	0	274	586
7/31/2004	235	400	-460	517	-17	-67	-124	-1,116	0	277	589

Table C-7. Flow Budget for the Semi-perched Aquifer in Pleasant Valley

(page 6 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month									
		Oxnard									
		Tile		Recharge	MNW2	ET	Plain	Pleasant	Partial	Partial	Calleguas
		Storage	Drains				Semi-Perched	Valley	Arroyo Las	Conejo	Creek
							Aquifer	UAS	Posas	Creek	Creek
									Percolation	Percolation	Percolation
8/31/2004	236	506	-453	515	-19	-67	-130	-1,200	0	272	576
9/30/2004	237	576	-425	519	-20	-62	-134	-1,230	0	258	518
10/31/2004	238	-1,361	-549	1,541	-17	-90	-137	-938	308	374	868
11/30/2004	239	403	-509	607	-19	-78	-134	-1,149	0	279	600
12/31/2004	240	-1,868	-674	1,875	-16	-138	-140	-877	360	432	1,046
1/31/2005	241	-3,210	-938	2,620	-13	-229	-136	-740	534	488	1,624
2/28/2005	242	-2,779	-1,084	2,505	-10	-272	-118	-602	538	281	1,541
3/31/2005	243	-63	-1,014	615	-9	-260	-122	-661	306	279	928
4/30/2005	244	284	-855	486	-9	-215	-111	-756	198	276	703
5/31/2005	245	321	-794	446	-10	-190	-111	-782	116	314	691
6/30/2005	246	292	-713	443	-10	-160	-106	-675	0	294	635
7/31/2005	247	216	-702	483	-10	-150	-106	-703	0	308	665
8/31/2005	248	203	-677	556	-10	-128	-104	-708	0	277	591
9/30/2005	249	316	-610	546	-10	-98	-99	-688	0	249	392
10/31/2005	250	-103	-626	528	-10	-105	-97	-625	50	313	675
11/30/2005	251	117	-597	483	-9	-92	-92	-637	0	265	562
12/31/2005	252	215	-591	431	-10	-83	-96	-655	0	266	523
1/31/2006	253	-719	-634	787	-8	-106	-95	-582	257	346	754
2/28/2006	254	-903	-636	1,026	-6	-117	-87	-489	234	307	671
3/31/2006	255	-990	-757	1,033	-5	-151	-93	-413	267	346	763
4/30/2006	256	-976	-769	948	-4	-162	-85	-350	262	355	782
5/31/2006	257	-194	-769	501	-4	-158	-87	-298	0	319	691
6/30/2006	258	208	-706	473	-6	-125	-88	-498	0	256	486
7/31/2006	259	86	-716	520	-7	-116	-90	-540	0	276	587
8/31/2006	260	82	-709	556	-8	-106	-91	-582	0	275	584
9/30/2006	261	131	-677	514	-8	-94	-90	-597	0	264	559
10/31/2006	262	184	-682	503	-9	-89	-99	-630	0	268	554
11/30/2006	263	323	-623	495	-9	-75	-95	-634	0	247	371
12/31/2006	264	-22	-640	473	-8	-82	-95	-525	0	286	614
1/31/2007	265	-445	-674	795	-7	-91	-93	-401	0	291	625
2/28/2007	266	-2	-602	386	-6	-83	-83	-491	17	274	591
3/31/2007	267	151	-664	537	-8	-85	-98	-642	0	267	542
4/30/2007	268	159	-632	403	-8	-80	-91	-594	0	269	573
5/31/2007	269	239	-645	450	-9	-80	-100	-694	0	270	569
6/30/2007	270	349	-605	365	-9	-74	-105	-723	0	260	542
7/31/2007	271	400	-607	420	-11	-72	-109	-805	0	265	519
8/31/2007	272	305	-612	500	-12	-74	-108	-856	0	275	583
9/30/2007	273	185	-613	656	-13	-75	-106	-877	0	269	574
10/31/2007	274	282	-636	587	-14	-79	-113	-917	0	284	607
11/30/2007	275	451	-592	514	-14	-71	-114	-915	0	256	485
12/31/2007	276	59	-608	590	-13	-76	-116	-720	0	281	601
1/31/2008	277	-2,349	-790	1,857	-9	-162	-117	-528	383	505	1,212
2/29/2008	278	-317	-731	711	-8	-151	-109	-546	121	325	704
3/31/2008	279	457	-716	352	-9	-135	-115	-677	0	271	572
4/30/2008	280	285	-667	481	-10	-113	-110	-712	0	270	577
5/31/2008	281	304	-664	552	-10	-98	-115	-757	0	266	523
6/30/2008	282	263	-631	518	-10	-89	-110	-768	0	265	563

Table C-7. Flow Budget for the Semi-perched Aquifer in Pleasant Valley

(page 7 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month									
		Oxnard									
		Tile		Recharge	MNW2	ET	Plain	Pleasant	Partial	Partial	Calleguas
		Storage	Drains				Semi-Perched Aquifer	Valley UAS	Arroyo Las Posas Percolation	Conejo Creek Percolation	Creek Percolation
7/31/2008	283	349	-648	542	-13	-88	-117	-891	0	277	589
8/31/2008	284	421	-635	473	-14	-86	-121	-948	0	289	622
9/30/2008	285	337	-619	632	-15	-82	-120	-985	0	272	581
10/31/2008	286	303	-646	706	-17	-85	-127	-1,047	0	290	623
11/30/2008	287	-42	-628	709	-14	-88	-119	-758	0	297	642
12/31/2008	288	-165	-643	625	-12	-101	-120	-638	0	333	721
1/31/2009	289	216	-618	415	-11	-91	-118	-694	0	287	615
2/28/2009	290	-1,514	-675	1,436	-8	-139	-105	-491	269	377	849
3/31/2009	291	199	-699	402	-9	-131	-114	-576	0	294	633
4/30/2009	292	120	-658	523	-9	-110	-110	-603	0	270	576
5/31/2009	293	314	-631	465	-9	-92	-115	-633	0	260	441
6/30/2009	294	262	-585	378	-9	-81	-113	-628	0	258	518
7/31/2009	295	444	-575	496	-11	-74	-119	-857	0	260	437
8/31/2009	296	445	-562	440	-13	-74	-126	-941	0	268	562
9/30/2009	297	483	-534	414	-14	-71	-123	-978	0	264	559
10/31/2009	298	-12	-587	764	-15	-82	-129	-912	0	308	665
11/30/2009	299	498	-545	644	-15	-70	-130	-1,046	0	250	413
12/31/2009	300	-554	-621	1,053	-13	-95	-134	-868	166	336	728
1/31/2010	301	-1,899	-792	1,799	-10	-169	-133	-667	351	450	1,069
2/28/2010	302	-883	-758	1,156	-8	-169	-118	-586	266	327	773
3/31/2010	303	448	-758	419	-9	-159	-127	-701	0	282	604
4/30/2010	304	64	-704	552	-8	-146	-118	-578	0	297	642
5/31/2010	305	332	-688	518	-9	-123	-124	-713	0	267	539
6/30/2010	306	633	-604	445	-9	-93	-118	-715	0	235	226
7/31/2010	307	669	-571	459	-11	-79	-123	-865	0	247	273
8/31/2010	308	517	-541	374	-13	-74	-126	-932	0	266	528
9/30/2010	309	552	-494	464	-14	-65	-124	-962	0	249	393
10/31/2010	310	-322	-556	827	-12	-85	-124	-696	0	307	662
11/30/2010	311	682	-508	524	-13	-69	-122	-855	0	226	134
12/31/2010	312	-2,242	-732	2,455	-9	-132	-125	-523	326	267	713
1/31/2011	313	248	-666	274	-9	-129	-121	-606	0	319	690
2/28/2011	314	-796	-641	801	-8	-144	-108	-611	254	392	862
3/31/2011	315	-2,530	-953	1,914	-7	-253	-116	-486	349	532	1,550
4/30/2011	316	288	-830	455	-8	-210	-111	-509	0	271	655
5/31/2011	317	299	-796	479	-9	-184	-114	-594	0	292	628
6/30/2011	318	356	-723	431	-9	-150	-111	-616	0	264	558
7/31/2011	319	621	-669	438	-9	-118	-114	-678	0	247	282
8/31/2011	320	573	-604	390	-9	-95	-113	-693	0	249	302
9/30/2011	321	473	-543	431	-9	-77	-109	-694	0	241	288
10/31/2011	322	111	-567	509	-10	-82	-109	-695	0	271	572
11/30/2011	323	-291	-578	586	-8	-96	-103	-518	0	319	690
12/31/2011	324	165	-594	434	-9	-91	-107	-641	0	271	572
1/31/2012	325	-220	-616	579	-8	-99	-106	-530	0	316	683
2/29/2012	326	201	-564	481	-9	-80	-102	-622	0	246	449
3/31/2012	327	-604	-654	792	-8	-115	-108	-638	167	370	799
4/30/2012	328	-334	-653	590	-7	-122	-103	-531	85	340	735
5/31/2012	329	259	-646	535	-8	-99	-109	-629	0	260	437

Table C-7. Flow Budget for the Semi-perched Aquifer in Pleasant Valley

(page 8 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month									
		Oxnard									
		Tile		Recharge	MNW2	ET	Plain	Pleasant	Partial	Partial	Calleguas
		Storage	Drains				Semi-Perched	Valley	Arroyo Las	Conejo	Creek
							Aquifer	UAS	Posas	Creek	Creek
									Percolation	Percolation	Percolation
6/30/2012	330	553	-572	339	-8	-77	-107	-664	0	241	295
7/31/2012	331	667	-552	432	-11	-69	-114	-855	0	245	256
8/31/2012	332	703	-510	388	-13	-61	-117	-930	0	248	292
9/30/2012	333	586	-471	492	-14	-56	-117	-975	0	243	312
10/31/2012	334	359	-497	619	-16	-60	-123	-1,051	0	264	505
11/30/2012	335	414	-472	362	-15	-63	-116	-925	0	262	553
12/31/2012	336	-12	-507	466	-14	-75	-119	-775	0	327	709
1/31/2013	337	88	-516	492	-13	-78	-119	-780	0	294	632
2/28/2013	338	357	-453	474	-13	-62	-111	-825	0	235	399
3/31/2013	339	292	-498	400	-14	-69	-121	-843	0	273	579
4/30/2013	340	559	-445	381	-14	-59	-121	-889	0	245	344
5/31/2013	341	682	-421	347	-14	-55	-128	-941	0	247	283
6/30/2013	342	579	-377	335	-15	-50	-126	-944	0	246	352
7/31/2013	343	628	-373	435	-17	-50	-134	-1,141	0	257	396
8/31/2013	344	875	-354	439	-19	-47	-139	-1,198	0	240	202
9/30/2013	345	869	-325	445	-20	-42	-138	-1,221	0	233	198
10/31/2013	346	854	-319	453	-21	-41	-146	-1,293	0	246	266
11/30/2013	347	647	-301	459	-22	-41	-143	-1,296	0	253	445
12/31/2013	348	840	-297	467	-23	-39	-150	-1,360	0	250	312
1/31/2014	349	923	-278	465	-24	-35	-152	-1,412	0	246	268
2/28/2014	350	-270	-283	848	-19	-45	-132	-959	0	272	587
3/31/2014	351	53	-334	470	-21	-59	-145	-1,136	13	367	793
4/30/2014	352	593	-312	456	-22	-52	-146	-1,288	0	258	514
5/31/2014	353	899	-288	443	-24	-44	-152	-1,382	0	249	300
6/30/2014	354	935	-255	460	-24	-36	-149	-1,374	0	234	210
7/31/2014	355	974	-243	466	-25	-34	-154	-1,430	0	241	206
8/31/2014	356	1,010	-223	458	-26	-32	-155	-1,411	0	235	144
9/30/2014	357	998	-199	448	-26	-29	-149	-1,381	0	224	114
10/31/2014	358	1,011	-190	456	-27	-29	-156	-1,420	0	232	122
11/30/2014	359	696	-173	434	-26	-27	-150	-1,361	0	247	361
12/31/2014	360	-1,293	-250	1,349	-24	-48	-150	-992	0	447	961
1/31/2015	361	-181	-261	581	-22	-51	-148	-1,002	0	343	741
2/28/2015	362	508	-212	398	-21	-36	-136	-1,053	0	229	323
3/31/2015	363	275	-227	369	-22	-41	-148	-1,103	0	286	612
4/30/2015	364	745	-196	349	-22	-34	-145	-1,131	0	233	201
5/31/2015	365	758	-180	343	-24	-31	-149	-1,184	0	242	224
6/30/2015	366	711	-159	352	-23	-27	-143	-1,173	0	236	228
7/31/2015	367	390	-168	376	-25	-32	-145	-1,242	0	272	575
8/31/2015	368	840	-155	407	-26	-29	-147	-1,299	0	237	171
9/30/2015	369	604	-138	404	-26	-26	-142	-1,291	0	247	369
10/31/2015	370	940	-129	408	-28	-26	-147	-1,328	0	228	82
11/30/2015	371	917	-115	423	-28	-24	-143	-1,300	0	217	53
12/31/2015	372	725	-109	456	-29	-24	-147	-1,347	0	243	232
monthly average		-43	-433	684	-19	-75	-110	-980	47	301	628
annual average		-519	-5,196	8,204	-223	-903	-1,316	-11,762	563	3,616	7,537

Table C-8. Flow Budget for the UAS in Pleasant Valley

(page 1 of 9)

		Influx(+) or Outflux(-), in acre-feet per month											
Date	Stress Period	GW Flux from East Las Posas						Pleasant Valley Shallow/					
		Mountain Front Storage	Recharge	by Calleguas Model	Recharge	MNW2	ET	Semi-Perched Aquifer	Oxnard Plain UAS	Las Posas UAS	Pleasant Valley LAS	Arroyo Las Posas Percolation	Conejo Creek Percolation
1/31/1985	1	584	94	18	48	-535	-54	752	333	0	-1,476	10	223
2/28/1985	2	-67	83	15	45	-486	-50	609	336	0	-701	15	198
3/31/1985	3	-56	59	16	42	-672	-57	794	346	0	-692	10	208
4/30/1985	4	171	0	13	25	-914	-51	1,023	301	0	-764	4	190
5/31/1985	5	199	0	12	28	-957	-52	1,103	279	0	-813	4	195
6/30/1985	6	235	0	10	33	-971	-50	1,124	236	0	-810	4	186
7/31/1985	7	276	0	8	32	-1,087	-53	1,215	227	0	-821	5	195
8/31/1985	8	281	0	7	33	-1,111	-54	1,267	205	0	-830	5	194
9/30/1985	9	302	0	5	29	-1,117	-53	1,288	172	0	-822	4	189
10/31/1985	10	319	0	4	27	-1,145	-56	1,342	156	0	-853	5	197
11/30/1985	11	-669	530	26	158	-500	-82	853	188	0	-864	144	214
12/31/1985	12	81	2	15	28	-942	-79	1,202	164	0	-682	11	198
1/31/1986	13	-607	446	40	127	-451	-85	769	180	0	-1,005	379	205
2/28/1986	14	-1,416	893	56	249	-299	-77	753	166	0	-1,096	651	118
3/31/1986	15	-1,487	832	74	217	-295	-85	713	196	-1	-949	677	105
4/30/1986	16	44	7	59	32	-689	-83	858	185	0	-593	26	152
5/31/1986	17	84	0	53	23	-846	-83	1,053	121	0	-594	11	175
6/30/1986	18	102	0	49	30	-866	-78	1,098	77	0	-605	12	178
7/31/1986	19	62	0	51	30	-1,061	-79	1,258	133	0	-593	11	185
8/31/1986	20	73	0	51	28	-1,103	-78	1,300	146	0	-617	11	186
9/30/1986	21	-94	28	51	39	-875	-76	1,148	161	0	-594	22	188
10/31/1986	22	95	0	50	25	-1,124	-76	1,320	146	0	-640	13	191
11/30/1986	23	-316	133	60	65	-649	-80	989	145	0	-606	54	203
12/31/1986	24	106	0	53	21	-1,108	-78	1,295	129	0	-622	14	187
1/31/1987	25	-283	139	55	60	-707	-82	1,032	167	0	-618	33	202
2/28/1987	26	-137	57	48	44	-782	-74	1,027	171	0	-559	25	179
3/31/1987	27	-310	147	55	62	-670	-83	956	205	0	-592	33	194
4/30/1987	28	203	0	50	29	-1,311	-77	1,428	162	0	-687	17	183
5/31/1987	29	260	0	51	30	-1,399	-76	1,567	159	0	-802	19	189
6/30/1987	30	301	0	48	34	-1,434	-71	1,629	137	0	-845	15	182
7/31/1987	31	325	0	51	37	-1,382	-72	1,608	156	0	-931	17	190
8/31/1987	32	362	0	53	30	-1,394	-71	1,630	145	0	-972	23	192
9/30/1987	33	390	0	51	31	-1,392	-68	1,625	125	0	-968	20	183
10/31/1987	34	-50	135	73	61	-909	-84	1,327	115	0	-1,086	194	221
11/30/1987	35	-244	221	72	85	-712	-83	1,135	86	0	-819	66	191
12/31/1987	36	-536	398	87	95	-610	-85	974	93	0	-1,217	603	195
1/31/1988	37	-456	210	91	77	-597	-85	990	98	-2	-979	469	182
2/29/1988	38	-306	96	86	51	-643	-80	990	87	-3	-722	265	176
3/31/1988	39	245	0	77	28	-1,106	-85	1,349	105	-1	-832	27	191
4/30/1988	40	-442	141	86	67	-625	-83	1,011	133	-3	-837	363	186
5/31/1988	41	216	0	78	33	-1,121	-83	1,380	129	-2	-849	33	184
6/30/1988	42	251	0	68	34	-1,152	-79	1,409	128	0	-865	22	182
7/31/1988	43	206	0	68	36	-1,184	-79	1,455	153	0	-869	25	187
8/31/1988	44	239	0	66	34	-1,219	-77	1,477	149	0	-881	23	187
9/30/1988	45	273	0	65	34	-1,228	-75	1,477	137	0	-906	34	186
10/31/1988	46	312	0	63	34	-1,265	-77	1,524	131	0	-936	20	194

Table C-8. Flow Budget for the UAS in Pleasant Valley

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month											
		GW Flux from East Las Posas						Pleasant Valley Shallow/					
		Mountain Front	Recharge	by Calleguas Model	Recharge	MNW2	ET	Semi-Perched Aquifer	Oxnard Plain UAS	Las Posas UAS	Pleasant Valley LAS	Arroyo Las Posas Percolation	Conejo Creek Percolation
11/30/1988	47	55	68	66	50	-947	-77	1,292	113	0	-850	42	185
12/31/1988	48	-687	594	84	160	-599	-85	1,022	98	0	-1,183	420	174
1/31/1989	49	183	0	70	25	-976	-85	1,283	74	0	-783	21	186
2/28/1989	50	-523	317	77	110	-527	-77	935	76	-1	-836	296	151
3/31/1989	51	41	14	78	38	-855	-85	1,228	64	0	-746	40	183
4/30/1989	52	157	0	68	32	-1,008	-82	1,323	53	0	-747	22	179
5/31/1989	53	175	0	69	33	-1,051	-83	1,390	53	0	-799	24	187
6/30/1989	54	221	0	62	35	-1,055	-80	1,369	42	0	-794	14	182
7/31/1989	55	262	0	62	37	-1,276	-81	1,559	98	0	-867	15	188
8/31/1989	56	301	0	59	36	-1,307	-80	1,575	102	0	-893	14	191
9/30/1989	57	325	0	56	35	-1,311	-78	1,564	98	0	-896	17	189
10/31/1989	58	351	0	57	33	-1,348	-81	1,616	97	0	-946	20	199
11/30/1989	59	364	0	55	34	-1,340	-78	1,599	90	0	-940	25	189
12/31/1989	60	368	0	56	34	-1,371	-80	1,651	87	0	-967	24	195
1/31/1990	61	10	132	81	60	-943	-85	1,355	76	0	-1,191	289	215
2/28/1990	62	-42	130	83	58	-788	-77	1,163	47	0	-1,050	296	178
3/31/1990	63	360	0	81	24	-1,352	-85	1,591	88	0	-918	23	186
4/30/1990	64	374	0	76	24	-1,377	-79	1,602	107	0	-936	22	184
5/31/1990	65	392	0	82	25	-1,419	-78	1,659	120	0	-1,004	34	188
6/30/1990	66	420	0	77	27	-1,428	-74	1,659	116	0	-998	19	180
7/31/1990	67	451	0	78	27	-1,480	-75	1,710	117	0	-1,035	18	185
8/31/1990	68	457	0	77	27	-1,474	-74	1,705	113	0	-1,033	14	187
9/30/1990	69	457	0	72	27	-1,452	-71	1,671	106	0	-1,005	13	180
10/31/1990	70	458	0	74	29	-1,473	-74	1,717	103	0	-1,040	16	189
11/30/1990	71	422	0	72	23	-1,291	-74	1,555	79	0	-1,002	22	191
12/31/1990	72	462	0	72	25	-1,458	-76	1,707	82	0	-1,023	14	193
1/31/1991	73	214	66	80	45	-1,125	-79	1,508	53	0	-996	38	195
2/28/1991	74	-40	148	88	61	-804	-77	1,219	28	0	-1,084	272	188
3/31/1991	75	-1,484	1,227	117	301	-527	-85	1,272	-41	-1	-1,603	721	100
4/30/1991	76	366	0	102	19	-1,271	-83	1,519	9	0	-838	23	151
5/31/1991	77	286	0	97	22	-1,336	-85	1,602	53	0	-828	20	166
6/30/1991	78	280	0	91	21	-1,347	-81	1,598	79	0	-828	16	168
7/31/1991	79	293	0	90	22	-1,266	-82	1,521	105	0	-878	16	175
8/31/1991	80	302	0	86	21	-1,283	-79	1,536	116	0	-894	14	177
9/30/1991	81	317	0	81	20	-1,274	-75	1,510	116	0	-884	13	176
10/31/1991	82	324	0	81	21	-1,304	-78	1,557	121	0	-922	12	187
11/30/1991	83	336	0	76	21	-1,290	-74	1,526	120	0	-904	12	175
12/31/1991	84	-803	727	101	167	-640	-85	1,179	67	0	-1,498	613	168
1/31/1992	85	-359	254	110	77	-578	-85	1,076	11	-1	-1,113	445	159
2/29/1992	86	-2,436	1,470	137	358	-382	-80	1,222	-17	-6	-1,379	1,066	43
3/31/1992	87	-1,760	804	160	201	-367	-85	1,214	-13	-11	-1,063	861	55
4/30/1992	88	-130	0	149	18	-759	-83	1,201	33	-10	-689	156	111
5/31/1992	89	-97	0	144	21	-791	-85	1,262	78	-8	-730	66	139
6/30/1992	90	-93	0	132	22	-794	-83	1,235	101	-6	-723	58	149
7/31/1992	91	23	0	132	23	-956	-85	1,316	143	-5	-818	63	163
8/31/1992	92	68	0	128	26	-990	-85	1,329	158	-4	-852	50	170

Table C-8. Flow Budget for the UAS in Pleasant Valley

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month											
		GW Flux from East Las Posas						Pleasant Valley Shallow/					
		Mountain Front Storage	Recharge	by Calleguas Model	Recharge	MNW2	ET	Semi-Perched Aquifer	Oxnard Plain UAS	Las Posas UAS	Pleasant Valley LAS	Arroyo Las Posas Percolation	Conejo Creek Percolation
9/30/1992	93	105	0	120	23	-998	-83	1,314	158	-3	-852	44	169
10/31/1992	94	-224	28	130	37	-872	-85	1,298	166	-4	-802	144	182
11/30/1992	95	50	0	119	22	-1,004	-83	1,344	188	-3	-849	38	175
12/31/1992	96	-1,560	630	136	158	-497	-85	1,174	200	-6	-964	672	140
1/31/1993	97	-2,938	1,456	166	350	-363	-85	1,172	199	-11	-1,032	1,032	51
2/28/1993	98	-2,485	966	158	266	-302	-77	1,104	197	-16	-847	1,014	19
3/31/1993	99	-1,578	299	179	82	-358	-85	1,065	252	-24	-672	767	70
4/30/1993	100	-434	0	166	21	-667	-83	1,010	264	-23	-616	251	107
5/31/1993	101	-433	0	165	24	-707	-85	1,092	300	-22	-700	232	131
6/30/1993	102	-371	0	156	24	-719	-83	1,072	298	-21	-728	229	140
7/31/1993	103	-227	0	156	23	-716	-85	1,012	301	-20	-784	181	156
8/31/1993	104	-162	0	152	25	-728	-85	1,023	288	-17	-803	141	164
9/30/1993	105	-115	0	144	25	-727	-83	1,006	280	-15	-798	116	164
10/31/1993	106	-192	0	147	25	-746	-85	1,041	304	-15	-833	173	177
11/30/1993	107	-182	0	141	22	-645	-83	939	303	-13	-806	146	175
12/31/1993	108	-578	84	147	45	-515	-85	820	323	-16	-710	307	176
1/31/1994	109	-360	0	148	18	-710	-85	960	319	-17	-775	319	182
2/28/1994	110	-1,448	528	140	158	-341	-77	786	289	-16	-773	633	118
3/31/1994	111	-1,136	278	157	90	-368	-85	743	306	-22	-727	626	135
4/30/1994	112	-238	0	150	19	-650	-83	827	289	-21	-658	206	155
5/31/1994	113	-219	0	154	21	-684	-85	893	290	-21	-728	209	168
6/30/1994	114	-87	0	147	24	-692	-83	898	260	-18	-735	116	167
7/31/1994	115	85	0	149	24	-921	-85	1,048	277	-15	-832	93	175
8/31/1994	116	121	0	147	26	-955	-85	1,105	261	-13	-865	79	177
9/30/1994	117	141	0	140	24	-966	-83	1,130	247	-11	-869	68	178
10/31/1994	118	131	0	139	24	-998	-85	1,192	257	-9	-881	46	184
11/30/1994	119	-137	48	137	41	-750	-83	993	252	-9	-771	100	176
12/31/1994	120	-225	39	145	38	-751	-85	995	252	-10	-801	218	184
1/31/1995	121	-3,255	2,137	174	495	-368	-85	784	209	-13	-1,207	1,117	7
2/28/1995	122	-366	70	156	41	-474	-77	653	173	-18	-627	383	83
3/31/1995	123	-2,446	1,254	184	305	-302	-91	655	211	-23	-749	999	1
4/30/1995	124	-381	0	174	23	-542	-83	724	172	-28	-643	494	87
5/31/1995	125	-296	0	175	25	-657	-85	865	192	-30	-695	387	117
6/30/1995	126	-186	0	166	27	-658	-83	864	191	-28	-701	276	129
7/31/1995	127	-149	0	168	30	-610	-85	824	222	-26	-705	184	144
8/31/1995	128	-151	0	165	33	-624	-85	838	235	-23	-705	162	153
9/30/1995	129	-136	0	157	33	-625	-83	828	232	-20	-674	131	155
10/31/1995	130	-100	0	160	31	-642	-85	842	245	-18	-703	104	166
11/30/1995	131	-47	0	152	25	-637	-83	815	236	-16	-694	81	165
12/31/1995	132	-681	198	160	61	-393	-85	566	256	-19	-675	449	162
1/31/1996	133	-241	54	158	40	-552	-85	689	274	-19	-656	171	166
2/29/1996	134	-1,731	848	156	231	-300	-80	527	260	-18	-645	679	72
3/31/1996	135	-822	111	168	54	-460	-85	603	289	-27	-576	618	125
4/30/1996	136	-65	0	160	28	-674	-83	740	290	-25	-728	213	142
5/31/1996	137	42	0	163	31	-750	-85	833	295	-23	-810	147	155
6/30/1996	138	81	0	156	31	-765	-83	861	269	-20	-830	140	157

Table C-8. Flow Budget for the UAS in Pleasant Valley

(page 4 of 9)

Stress Period Date		Influx(+) or Outflux(-), in acre-feet per month											
		GW Flux from East Las Posas						Pleasant Valley Shallow/					
		Mountain Front		by Calleguas		MNW2	ET	Semi- Perched	Oxnard Plain	Las Posas	Pleasant Valley	Arroyo Las Posas	Conejo Creek
		Storage	Recharge	Model	Recharge			Aquifer	UAS	UAS	LAS	Percolation	Percolation
7/31/1996	139	85	0	161	33	-959	-85	1,015	282	-19	-820	140	166
8/31/1996	140	95	0	161	33	-1,002	-85	1,091	263	-18	-854	143	172
9/30/1996	141	106	0	156	33	-1,020	-83	1,139	233	-17	-872	154	169
10/31/1996	142	-276	53	165	46	-803	-85	1,018	213	-22	-869	384	175
11/30/1996	143	-763	296	162	94	-521	-83	718	183	-24	-760	549	146
12/31/1996	144	-1,721	934	179	219	-399	-85	675	182	-29	-793	755	83
1/31/1997	145	-1,536	763	181	184	-339	-85	579	189	-36	-705	734	68
2/28/1997	146	36	0	158	22	-711	-77	745	200	-33	-712	262	108
3/31/1997	147	41	0	169	28	-783	-85	893	249	-34	-837	219	137
4/30/1997	148	69	0	158	29	-796	-83	924	242	-30	-856	197	144
5/31/1997	149	85	0	161	29	-825	-85	978	236	-28	-906	199	156
6/30/1997	150	97	0	154	30	-825	-83	989	212	-26	-904	197	157
7/31/1997	151	166	0	157	31	-976	-85	1,152	182	-25	-947	174	169
8/31/1997	152	173	0	155	33	-996	-85	1,208	158	-24	-963	164	173
9/30/1997	153	167	0	149	34	-999	-83	1,222	141	-22	-957	175	171
10/31/1997	154	73	0	155	35	-1,027	-85	1,281	133	-24	-1,005	282	180
11/30/1997	155	-742	256	152	84	-573	-83	909	114	-28	-843	596	157
12/31/1997	156	-1,771	963	172	228	-412	-85	814	100	-37	-871	809	87
1/31/1998	157	-1,077	369	177	106	-411	-85	814	95	-51	-764	720	106
2/28/1998	158	-3,496	2,405	168	629	-263	-94	435	74	-87	-970	1,276	-83
3/31/1998	159	-974	384	190	111	-347	-89	614	97	-110	-694	801	13
4/30/1998	160	-635	121	182	55	-417	-83	730	122	-104	-704	671	58
5/31/1998	161	-883	231	187	81	-356	-85	686	154	-110	-696	718	70
6/30/1998	162	-119	0	177	35	-690	-83	897	130	-98	-950	599	100
7/31/1998	163	-52	0	178	30	-628	-85	775	153	-98	-859	465	120
8/31/1998	164	-30	0	174	31	-643	-85	811	152	-94	-846	395	132
9/30/1998	165	-76	0	165	28	-646	-83	809	143	-89	-837	446	137
10/31/1998	166	16	0	168	29	-663	-85	837	152	-88	-859	341	149
11/30/1998	167	-249	11	161	35	-567	-83	752	166	-85	-814	522	148
12/31/1998	168	-58	0	164	24	-593	-85	746	185	-86	-844	383	161
1/31/1999	169	-570	169	162	61	-441	-85	594	188	-88	-754	614	147
2/28/1999	170	-127	0	145	22	-773	-77	829	158	-79	-781	534	146
3/31/1999	171	-917	373	162	102	-392	-85	616	199	-91	-765	668	128
4/30/1999	172	-776	157	158	63	-395	-83	674	187	-94	-687	663	130
5/31/1999	173	53	0	162	31	-774	-85	831	158	-92	-850	413	151
6/30/1999	174	170	0	154	32	-796	-83	899	138	-81	-878	290	152
7/31/1999	175	144	0	157	31	-876	-85	965	185	-75	-859	253	160
8/31/1999	176	129	0	155	32	-921	-85	1,042	180	-70	-888	260	164
9/30/1999	177	133	0	148	30	-941	-83	1,086	168	-64	-901	258	163
10/31/1999	178	182	0	151	35	-977	-85	1,168	165	-58	-952	201	169
11/30/1999	179	-57	18	145	37	-799	-83	1,018	146	-63	-879	348	167
12/31/1999	180	119	0	149	29	-979	-85	1,167	134	-67	-959	318	173
1/31/2000	181	-310	140	148	61	-556	-85	824	83	-72	-892	493	163
2/29/2000	182	-1,352	830	149	208	-367	-80	648	60	-76	-827	722	83
3/31/2000	183	-583	182	158	64	-427	-85	712	69	-89	-754	627	125
4/30/2000	184	-670	206	151	75	-385	-83	684	84	-88	-716	618	121

Table C-8. Flow Budget for the UAS in Pleasant Valley

(page 5 of 9)

Date Stress Period		Influx(+) or Outflux(-), in acre-feet per month											
		GW Flux from East Las Posas						Pleasant Valley Shallow/					
		Mountain Front		by Calleguas		MNW2	ET	Semi- Perched	Oxnard Plain	Las Posas	Pleasant Valley	Arroyo Las Posas	Conejo Creek
		Storage	Recharge	Model	Recharge			Aquifer	UAS	UAS	LAS	Percolation	Percolation
5/31/2000	185	211	0	153	34	-708	-85	848	73	-82	-906	314	146
6/30/2000	186	295	0	145	36	-740	-83	920	59	-66	-956	239	148
7/31/2000	187	189	0	156	24	-883	-85	1,056	73	-63	-870	242	159
8/31/2000	188	166	0	160	25	-900	-85	1,085	59	-59	-861	245	162
9/30/2000	189	143	0	156	23	-901	-83	1,095	53	-56	-848	255	160
10/31/2000	190	-3	2	162	20	-840	-85	1,062	61	-64	-841	351	172
11/30/2000	191	138	0	156	21	-908	-83	1,101	62	-58	-848	249	167
12/31/2000	192	143	0	161	20	-930	-85	1,127	56	-59	-884	272	177
1/31/2001	193	-1,352	733	172	172	-426	-85	782	36	-72	-832	752	117
2/28/2001	194	-1,497	786	168	226	-324	-77	631	29	-81	-717	792	61
3/31/2001	195	-1,326	673	191	143	-330	-85	578	47	-108	-708	844	77
4/30/2001	196	-418	30	181	36	-596	-83	812	58	-105	-629	606	106
5/31/2001	197	-161	0	183	25	-736	-85	857	60	-105	-736	567	129
6/30/2001	198	6	0	174	26	-753	-83	895	44	-98	-749	400	136
7/31/2001	199	118	0	172	29	-944	-85	1,130	18	-95	-877	384	148
8/31/2001	200	164	0	167	28	-965	-85	1,164	-1	-89	-914	376	154
9/30/2001	201	174	0	159	25	-969	-83	1,174	-7	-82	-920	374	154
10/31/2001	202	124	0	162	26	-994	-85	1,209	2	-81	-972	442	164
11/30/2001	203	-685	297	158	89	-497	-83	813	40	-83	-798	610	138
12/31/2001	204	-332	134	163	50	-560	-85	707	54	-89	-801	609	148
1/31/2002	205	-314	59	154	38	-588	-85	752	62	-90	-756	612	155
2/28/2002	206	31	0	133	23	-776	-77	882	55	-78	-784	442	147
3/31/2002	207	30	0	143	27	-829	-85	972	53	-83	-873	478	167
4/30/2002	208	96	0	136	27	-830	-83	967	36	-77	-855	418	164
5/31/2002	209	139	0	138	29	-850	-85	1,004	21	-76	-876	382	172
6/30/2002	210	149	0	132	29	-845	-83	1,000	4	-71	-854	368	168
7/31/2002	211	331	0	149	35	-918	-85	1,048	-6	-69	-987	325	175
8/31/2002	212	355	0	157	35	-965	-85	1,142	-11	-65	-1,058	315	178
9/30/2002	213	382	0	156	37	-985	-83	1,185	-11	-59	-1,088	291	173
10/31/2002	214	408	0	163	34	-1,028	-85	1,256	-17	-58	-1,159	303	181
11/30/2002	215	-1,000	602	165	160	-541	-83	951	-29	-68	-958	674	125
12/31/2002	216	-787	363	176	91	-518	-85	901	-34	-83	-865	710	129
1/31/2003	217	241	0	175	21	-644	-85	904	-90	-80	-924	326	153
2/28/2003	218	-1,297	755	171	194	-336	-77	686	-62	-88	-790	763	78
3/31/2003	219	-839	330	190	99	-350	-85	715	-53	-104	-716	704	107
4/30/2003	220	-243	10	181	33	-502	-83	795	-61	-100	-766	603	131
5/31/2003	221	-314	104	184	49	-379	-85	568	-36	-104	-729	601	140
6/30/2003	222	229	0	175	24	-543	-83	723	-60	-91	-822	300	145
7/31/2003	223	305	0	179	28	-768	-85	919	-34	-82	-886	266	157
8/31/2003	224	308	0	176	30	-809	-85	983	-35	-74	-923	265	162
9/30/2003	225	313	0	169	27	-824	-83	1,012	-43	-67	-931	263	162
10/31/2003	226	330	0	172	29	-856	-85	1,075	-52	-63	-979	258	171
11/30/2003	227	169	44	165	35	-564	-82	838	-73	-61	-925	285	166
12/31/2003	228	-306	93	171	47	-572	-85	853	-81	-74	-832	613	171
1/31/2004	229	143	0	170	18	-626	-85	858	-101	-77	-847	368	178
2/29/2004	230	-1,114	597	169	155	-340	-80	692	-88	-85	-745	715	123

Table C-8. Flow Budget for the UAS in Pleasant Valley

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Stress Period Date		Influx(+) or Outflux(-), in acre-feet per month											
		GW Flux from East Las Posas by Mountain Front Calleguas						Pleasant Valley Shallow/ Semi- Perched Oxnard Plain Posas Pleasant Valley Arroyo Las Posas Conejo Creek					
		Storage	Recharge	Model	Recharge	MNW2	ET	Aquifer	UAS	UAS	LAS	Percolation	Percolation
3/31/2004	231	158	0	178	20	-598	-85	766	-81	-90	-794	366	159
4/30/2004	232	165	0	170	25	-606	-83	802	-92	-85	-799	341	159
5/31/2004	233	247	0	173	37	-628	-85	864	-109	-75	-835	241	167
6/30/2004	234	294	0	165	29	-626	-81	860	-122	-60	-824	193	170
7/31/2004	235	395	0	169	30	-914	-84	1,116	-114	-53	-927	203	177
8/31/2004	236	436	0	167	31	-961	-83	1,200	-118	-44	-983	173	179
9/30/2004	237	439	0	161	29	-980	-80	1,230	-125	-39	-1,003	190	176
10/31/2004	238	-1,227	756	179	196	-501	-85	938	-154	-65	-938	771	127
11/30/2004	239	385	0	171	24	-940	-83	1,149	-147	-65	-935	288	152
12/31/2004	240	-1,461	958	189	223	-462	-85	877	-166	-92	-932	868	80
1/31/2005	241	-2,299	1,414	195	372	-344	-85	740	-169	-133	-906	1,211	2
2/28/2005	242	-2,099	1,217	179	327	-270	-77	602	-136	-155	-760	1,206	-36
3/31/2005	243	-707	226	199	83	-323	-85	661	-106	-157	-596	768	35
4/30/2005	244	-407	17	188	36	-407	-83	756	-78	-137	-618	653	77
5/31/2005	245	-186	0	190	26	-502	-85	782	-67	-128	-763	624	107
6/30/2005	246	24	0	181	27	-511	-83	675	-52	-113	-800	529	119
7/31/2005	247	99	0	184	28	-534	-85	703	-28	-109	-825	428	136
8/31/2005	248	110	0	182	28	-539	-85	708	-15	-102	-822	390	143
9/30/2005	249	152	0	175	26	-534	-83	688	-3	-92	-797	321	144
10/31/2005	250	-386	73	180	53	-429	-85	625	25	-98	-728	615	153
11/30/2005	251	-36	0	174	23	-518	-83	637	14	-93	-771	497	153
12/31/2005	252	31	0	179	22	-535	-85	655	13	-94	-805	454	164
1/31/2006	253	-752	311	182	85	-339	-85	582	23	-99	-745	688	148
2/28/2006	254	-770	330	167	111	-284	-77	489	19	-94	-627	624	110
3/31/2006	255	-909	446	187	130	-278	-85	413	45	-111	-643	702	101
4/30/2006	256	-850	400	184	121	-260	-83	350	61	-112	-590	685	92
5/31/2006	257	-193	80	188	48	-335	-85	298	36	-112	-626	578	123
6/30/2006	258	270	0	179	31	-504	-83	498	-16	-98	-798	386	133
7/31/2006	259	201	0	183	29	-505	-85	540	-4	-95	-751	338	146
8/31/2006	260	152	0	181	29	-516	-85	582	-16	-92	-751	360	153
9/30/2006	261	182	0	173	27	-517	-83	597	-25	-83	-738	312	153
10/31/2006	262	186	0	177	27	-532	-85	630	-34	-81	-762	311	162
11/30/2006	263	168	0	170	24	-529	-83	634	-45	-77	-750	327	159
12/31/2006	264	-121	66	174	41	-411	-85	525	-36	-83	-700	463	164
1/31/2007	265	-416	220	174	87	-340	-85	401	-23	-89	-600	527	143
2/28/2007	266	-211	37	158	34	-429	-77	491	-31	-83	-583	551	142
3/31/2007	267	106	0	174	22	-569	-85	642	-69	-91	-684	390	162
4/30/2007	268	-100	0	169	21	-504	-83	594	-53	-90	-663	545	162
5/31/2007	269	139	0	174	27	-579	-85	694	-104	-91	-717	373	168
6/30/2007	270	157	0	168	27	-582	-83	723	-132	-87	-720	363	164
7/31/2007	271	291	0	173	30	-674	-85	805	-110	-85	-857	338	171
8/31/2007	272	271	0	172	28	-700	-85	856	-116	-82	-896	376	173
9/30/2007	273	145	0	167	28	-708	-82	877	-116	-79	-903	499	170
10/31/2007	274	331	0	171	30	-732	-85	917	-122	-76	-933	319	177
11/30/2007	275	373	0	165	26	-731	-82	915	-129	-67	-916	272	172
12/31/2007	276	-230	154	171	62	-526	-85	720	-150	-77	-761	551	169

Table C-8. Flow Budget for the UAS in Pleasant Valley

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Date Stress Period		Influx(+) or Outflux(-), in acre-feet per month											
		GW Flux from East Las Posas						Pleasant Valley Shallow/					
		Mountain Front		by Calleguas		MNW2	ET	Semi- Perched	Oxnard Plain	Las Posas	Pleasant Valley	Arroyo Las Posas	Conejo Creek
		Storage	Recharge	Model	Recharge			Aquifer	UAS	UAS	LAS	Percolation	Percolation
1/31/2008	277	-1,632	1,161	189	275	-340	-85	528	-168	-103	-808	913	68
2/29/2008	278	-433	247	175	82	-347	-80	546	-166	-100	-606	586	93
3/31/2008	279	316	0	182	29	-561	-85	677	-168	-98	-746	322	131
4/30/2008	280	304	0	172	33	-568	-83	712	-152	-87	-780	308	139
5/31/2008	281	334	0	175	34	-589	-85	757	-156	-81	-829	287	151
6/30/2008	282	357	0	168	34	-588	-83	768	-163	-71	-828	251	153
7/31/2008	283	509	0	171	35	-726	-85	891	-168	-63	-939	211	162
8/31/2008	284	528	0	170	34	-755	-85	948	-175	-56	-979	202	166
9/30/2008	285	517	0	163	33	-765	-83	985	-178	-50	-986	198	164
10/31/2008	286	503	0	168	35	-793	-85	1,047	-185	-50	-1,034	219	172
11/30/2008	287	-135	133	163	66	-489	-83	758	-156	-62	-789	430	160
12/31/2008	288	-340	225	170	77	-449	-85	638	-157	-76	-731	575	152
1/31/2009	289	290	0	168	21	-461	-85	694	-183	-71	-776	237	164
2/28/2009	290	-1,101	714	161	193	-268	-77	491	-137	-79	-666	681	85
3/31/2009	291	251	0	176	21	-417	-85	576	-172	-87	-713	308	141
4/30/2009	292	217	0	168	24	-412	-83	603	-176	-85	-720	315	146
5/31/2009	293	376	0	170	25	-422	-85	633	-197	-69	-742	153	156
6/30/2009	294	389	0	162	25	-414	-82	628	-211	-55	-729	129	157
7/31/2009	295	494	0	166	29	-669	-84	857	-215	-50	-842	146	165
8/31/2009	296	477	0	165	34	-710	-83	941	-224	-48	-890	170	168
9/30/2009	297	419	0	160	30	-729	-80	978	-232	-52	-907	245	165
10/31/2009	298	-97	85	167	52	-587	-85	912	-265	-69	-783	495	173
11/30/2009	299	473	0	159	29	-746	-82	1,046	-262	-58	-892	165	166
12/31/2009	300	-673	391	167	107	-447	-85	868	-273	-76	-778	644	152
1/31/2010	301	-1,230	787	185	156	-329	-85	667	-280	-101	-741	853	115
2/28/2010	302	-812	473	171	124	-277	-77	586	-245	-104	-603	675	87
3/31/2010	303	308	0	183	26	-469	-85	701	-279	-113	-773	369	131
4/30/2010	304	-75	77	173	44	-340	-83	578	-235	-110	-665	497	136
5/31/2010	305	203	0	176	32	-461	-85	713	-254	-111	-812	452	147
6/30/2010	306	417	0	168	30	-462	-83	715	-257	-94	-828	242	148
7/31/2010	307	541	0	170	38	-646	-84	865	-246	-80	-914	196	159
8/31/2010	308	552	0	168	38	-681	-83	932	-253	-70	-949	179	164
9/30/2010	309	531	0	161	37	-695	-80	962	-258	-64	-956	199	161
10/31/2010	310	-161	263	168	83	-424	-85	696	-243	-82	-809	436	157
11/30/2010	311	361	1	162	25	-630	-83	855	-229	-81	-811	275	152
12/31/2010	312	-1,545	1,260	182	307	-324	-85	523	-211	-108	-842	804	37
1/31/2011	313	215	0	179	32	-414	-85	606	-233	-110	-776	458	128
2/28/2011	314	-683	313	164	101	-274	-77	611	-178	-111	-624	654	102
3/31/2011	315	-1,359	846	191	199	-241	-85	486	-156	-141	-673	848	82
4/30/2011	316	136	0	180	34	-395	-83	509	-170	-132	-706	515	108
5/31/2011	317	148	0	181	36	-426	-85	594	-166	-131	-777	493	130
6/30/2011	318	356	0	171	38	-434	-83	616	-160	-111	-784	255	135
7/31/2011	319	421	0	172	35	-465	-85	678	-163	-95	-827	183	145
8/31/2011	320	453	0	168	35	-471	-85	693	-177	-77	-837	144	151
9/30/2011	321	449	0	159	33	-467	-81	694	-183	-63	-826	131	151
10/31/2011	322	137	4	165	35	-448	-85	695	-168	-80	-753	331	163

Table C-8. Flow Budget for the UAS in Pleasant Valley

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		Influx(+) or Outflux(-), in acre-feet per month											
		GW Flux from East Las Posas						Pleasant Valley Shallow/					
		Mountain Front		by Calleguas		MNW2	ET	Semi-Perched	Oxnard Plain	Las Posas	Pleasant Valley	Arroyo Las Posas	Conejo Creek
		Storage	Recharge	Model	Recharge			Aquifer	UAS	UAS	LAS	Percolation	Percolation
Date	Stress Period												
11/30/2011	323	-344	160	161	70	-330	-83	518	-125	-93	-677	587	153
12/31/2011	324	299	0	166	29	-448	-85	641	-165	-94	-792	286	162
1/31/2012	325	-43	113	165	62	-334	-85	530	-138	-103	-696	368	159
2/29/2012	326	445	0	153	37	-439	-80	622	-169	-79	-815	171	152
3/31/2012	327	-604	274	167	93	-314	-85	638	-151	-101	-723	655	149
4/30/2012	328	-339	125	163	51	-293	-83	531	-140	-108	-661	600	151
5/31/2012	329	496	0	164	40	-440	-85	629	-188	-86	-833	143	158
6/30/2012	330	535	0	156	41	-459	-83	664	-201	-66	-874	128	155
7/31/2012	331	492	0	160	33	-675	-83	855	-193	-64	-839	148	163
8/31/2012	332	494	0	157	34	-714	-82	930	-197	-58	-848	117	165
9/30/2012	333	486	0	150	34	-729	-79	975	-200	-50	-847	97	163
10/31/2012	334	460	0	154	35	-762	-82	1,051	-206	-49	-889	114	172
11/30/2012	335	398	2	148	28	-627	-80	925	-197	-48	-859	136	171
12/31/2012	336	71	154	156	48	-499	-85	775	-202	-70	-876	352	174
1/31/2013	337	127	71	157	44	-488	-85	780	-202	-82	-823	333	166
2/28/2013	338	426	0	139	19	-597	-77	825	-197	-64	-763	133	153
3/31/2013	339	237	0	155	20	-553	-85	843	-210	-81	-827	324	175
4/30/2013	340	429	0	148	23	-629	-81	889	-221	-66	-799	137	167
5/31/2013	341	471	0	149	24	-655	-83	941	-238	-53	-803	71	174
6/30/2013	342	468	0	138	23	-654	-80	944	-241	-39	-780	48	170
7/31/2013	343	600	0	134	26	-873	-82	1,141	-253	-30	-871	30	175
8/31/2013	344	621	0	129	26	-907	-81	1,198	-256	-22	-908	28	170
9/30/2013	345	616	0	121	26	-918	-78	1,221	-253	-15	-915	27	166
10/31/2013	346	626	0	123	25	-953	-81	1,293	-269	-13	-960	31	176
11/30/2013	347	595	0	122	22	-950	-80	1,296	-269	-12	-955	51	176
12/31/2013	348	637	0	119	23	-978	-83	1,360	-285	-11	-989	24	180
1/31/2014	349	465	0	131	24	-1,009	-82	1,412	-295	-16	-1,005	194	178
2/28/2014	350	-4	285	116	101	-549	-77	959	-264	-14	-751	51	146
3/31/2014	351	-228	73	138	43	-703	-85	1,136	-302	-37	-818	609	172
4/30/2014	352	167	0	137	25	-927	-83	1,288	-295	-50	-927	499	162
5/31/2014	353	632	0	133	27	-980	-84	1,382	-301	-34	-987	41	168
6/30/2014	354	650	0	122	29	-989	-80	1,374	-291	-22	-995	36	164
7/31/2014	355	631	0	125	28	-1,011	-81	1,430	-305	-18	-1,017	46	171
8/31/2014	356	650	0	121	27	-995	-80	1,411	-308	-15	-1,018	36	169
9/30/2014	357	661	0	114	25	-986	-77	1,381	-299	-13	-1,002	31	161
10/31/2014	358	680	0	118	24	-1,011	-79	1,420	-310	-12	-1,041	39	170
11/30/2014	359	613	0	117	19	-967	-78	1,361	-295	-12	-988	49	178
12/31/2014	360	-421	681	130	166	-564	-85	992	-315	-20	-938	230	142
1/31/2015	361	-173	157	136	67	-511	-85	1,002	-330	-41	-760	388	148
2/28/2015	362	178	0	126	19	-684	-77	1,053	-314	-50	-775	379	144
3/31/2015	363	455	19	127	32	-614	-85	1,103	-352	-36	-849	29	170
4/30/2015	364	552	0	117	21	-728	-81	1,131	-344	-23	-836	28	161
5/31/2015	365	540	0	123	21	-760	-81	1,184	-353	-19	-873	48	169
6/30/2015	366	550	0	113	21	-757	-78	1,173	-342	-15	-857	23	167
7/31/2015	367	508	0	113	17	-822	-81	1,242	-344	-14	-827	22	185
8/31/2015	368	598	0	109	22	-907	-79	1,299	-335	-12	-882	16	167

Table C-8. Flow Budget for the UAS in Pleasant Valley

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		Influx(+) or Outflux(-), in acre-feet per month											
Date	Stress Period	GW Flux from East Las Posas by Mountain Front Calleguas						Pleasant Valley Shallow/ Semi-Perched Oxnard Las Pleasant Arroyo Las Conejo					
		Storage	Recharge	Model	Recharge	MNW2	ET	Aquifer	UAS	UAS	LAS	Percolation	Percolation
9/30/2015	369	596	0	102	22	-909	-76	1,291	-318	-10	-885	14	171
10/31/2015	370	637	0	104	22	-937	-76	1,328	-323	-10	-927	17	165
11/30/2015	371	625	0	101	22	-929	-71	1,300	-311	-9	-916	24	162
12/31/2015	372	642	0	100	23	-953	-77	1,347	-320	-9	-952	15	181
monthly average		-96	134	137	58	-725	-82	980	14	-47	-836	308	153
annual average		-1,154	1,610	1,646	692	-8,706	-981	11,762	170	-563	-10,032	3,697	1,831

Table C-9. Flow Budget for the LAS in Pleasant Valley

(page 1 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Recharge	MNW2	Pleasant Valley UAS	Oxnard Plain LAS	Las Posas LAS
1/31/1985	1	-1,144	24	-623	1,476	247	20
2/28/1985	2	-351	26	-595	701	194	25
3/31/1985	3	25	22	-1,013	692	237	37
4/30/1985	4	536	14	-1,643	764	283	45
5/31/1985	5	415	15	-1,596	813	303	51
6/30/1985	6	405	15	-1,582	810	300	52
7/31/1985	7	436	16	-1,611	821	282	56
8/31/1985	8	404	16	-1,584	830	277	57
9/30/1985	9	417	15	-1,577	822	266	57
10/31/1985	10	355	15	-1,547	853	265	60
11/30/1985	11	-1,225	99	53	864	154	56
12/31/1985	12	194	16	-1,160	682	212	56
1/31/1986	13	-1,269	79	19	1,005	122	44
2/28/1986	14	-1,468	151	114	1,096	81	27
3/31/1986	15	-1,237	128	66	949	78	16
4/30/1986	16	301	21	-1,051	593	122	14
5/31/1986	17	540	15	-1,262	594	101	11
6/30/1986	18	525	16	-1,240	605	83	12
7/31/1986	19	651	15	-1,572	593	297	17
8/31/1986	20	519	13	-1,529	617	357	22
9/30/1986	21	41	18	-999	594	318	27
10/31/1986	22	440	13	-1,506	640	383	30
11/30/1986	23	-548	32	-366	606	244	32
12/31/1986	24	497	14	-1,523	622	359	31
1/31/1987	25	-342	30	-588	618	246	36
2/28/1987	26	94	23	-971	559	262	33
3/31/1987	27	-367	34	-545	592	249	37
4/30/1987	28	1,142	15	-2,259	687	379	37
5/31/1987	29	869	15	-2,166	802	439	42
6/30/1987	30	778	15	-2,130	845	447	44
7/31/1987	31	526	18	-1,919	931	398	46
8/31/1987	32	506	18	-1,905	972	362	47
9/30/1987	33	535	17	-1,908	968	341	46
10/31/1987	34	-856	31	-545	1,086	239	44
11/30/1987	35	-767	43	-288	819	153	39
12/31/1987	36	-1,270	55	-168	1,217	142	24
1/31/1988	37	-873	47	-282	979	117	11
2/29/1988	38	-253	29	-596	722	98	0
3/31/1988	39	747	15	-1,766	832	174	-2
4/30/1988	40	-646	40	-372	837	149	-7
5/31/1988	41	699	16	-1,751	849	195	-7
6/30/1988	42	627	15	-1,719	865	216	-3
7/31/1988	43	708	15	-2,012	869	416	4
8/31/1988	44	617	15	-1,976	881	451	12
9/30/1988	45	571	15	-1,966	906	457	17
10/31/1988	46	483	15	-1,927	936	469	24
11/30/1988	47	-318	21	-931	850	351	27
12/31/1988	48	-1,508	85	26	1,183	198	16
1/31/1989	49	304	13	-1,328	783	217	12
2/28/1989	50	-930	57	-104	836	136	5

Table C-9. Flow Budget for the LAS in Pleasant Valley

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Recharge	MNW2	Pleasant Valley UAS	Oxnard Plain LAS	Las Posas LAS
3/31/1989	51	134	16	-1,086	746	187	3
4/30/1989	52	575	15	-1,547	747	206	3
5/31/1989	53	461	15	-1,502	799	221	7
6/30/1989	54	459	15	-1,498	794	220	10
7/31/1989	55	714	14	-2,052	867	439	17
8/31/1989	56	602	14	-2,020	893	486	22
9/30/1989	57	577	14	-2,016	896	499	25
10/31/1989	58	468	13	-1,977	946	516	30
11/30/1989	59	482	13	-1,985	940	513	32
12/31/1989	60	411	13	-1,953	967	523	35
1/31/1990	61	-1,043	36	-537	1,191	326	26
2/28/1990	62	-770	33	-541	1,050	217	11
3/31/1990	63	812	13	-2,105	918	350	12
4/30/1990	64	739	13	-2,079	936	377	14
5/31/1990	65	483	12	-1,911	1,004	393	19
6/30/1990	66	604	14	-2,026	998	389	20
7/31/1990	67	257	15	-1,647	1,035	314	26
8/31/1990	68	279	14	-1,652	1,033	296	30
9/30/1990	69	342	14	-1,676	1,005	283	31
10/31/1990	70	279	15	-1,652	1,040	284	33
11/30/1990	71	55	13	-1,319	1,002	217	33
12/31/1990	72	343	13	-1,667	1,023	252	35
1/31/1991	73	-417	21	-900	996	267	33
2/28/1991	74	-1,013	37	-343	1,084	214	20
3/31/1991	75	-2,205	174	294	1,603	125	9
4/30/1991	76	653	11	-1,811	838	308	0
5/31/1991	77	532	12	-1,744	828	369	2
6/30/1991	78	500	12	-1,733	828	389	4
7/31/1991	79	389	12	-1,814	878	525	10
8/31/1991	80	333	12	-1,796	894	544	12
9/30/1991	81	349	13	-1,805	884	541	14
10/31/1991	82	270	12	-1,773	922	551	16
11/30/1991	83	308	12	-1,789	904	543	18
12/31/1991	84	-2,097	92	256	1,498	245	6
1/31/1992	85	-1,341	41	21	1,113	176	-10
2/29/1992	86	-1,902	185	269	1,379	97	-28
3/31/1992	87	-1,393	120	174	1,063	84	-48
4/30/1992	88	296	12	-1,151	689	216	-61
5/31/1992	89	174	13	-1,117	730	263	-62
6/30/1992	90	162	13	-1,115	723	275	-58
7/31/1992	91	470	16	-1,704	818	448	-49
8/31/1992	92	362	17	-1,669	852	480	-43
9/30/1992	93	343	16	-1,660	852	486	-37
10/31/1992	94	-207	22	-990	802	409	-38
11/30/1992	95	348	15	-1,654	849	474	-32
12/31/1992	96	-1,343	88	98	964	234	-42
1/31/1993	97	-1,565	203	248	1,032	140	-58
2/28/1993	98	-1,154	152	108	847	114	-68
3/31/1993	99	-655	54	-139	672	154	-86
4/30/1993	100	514	15	-1,356	616	297	-86

Table C-9. Flow Budget for the LAS in Pleasant Valley

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Recharge	MNW2	Pleasant Valley UAS	Oxnard Plain LAS	Las Posas LAS
5/31/1993	101	343	16	-1,315	700	343	-86
6/30/1993	102	289	14	-1,303	728	351	-79
7/31/1993	103	140	17	-1,170	784	305	-76
8/31/1993	104	119	17	-1,157	803	289	-70
9/30/1993	105	132	17	-1,159	798	274	-62
10/31/1993	106	75	17	-1,139	833	274	-60
11/30/1993	107	-99	15	-902	806	234	-54
12/31/1993	108	-530	26	-352	710	205	-59
1/31/1994	109	91	14	-1,037	775	217	-60
2/28/1994	110	-1,033	99	74	773	143	-56
3/31/1994	111	-783	51	-78	727	151	-67
4/30/1994	112	330	14	-1,150	658	210	-61
5/31/1994	113	198	14	-1,113	728	232	-59
6/30/1994	114	178	15	-1,107	735	230	-50
7/31/1994	115	368	15	-1,483	832	315	-48
8/31/1994	116	293	16	-1,448	865	317	-43
9/30/1994	117	280	15	-1,436	869	309	-37
10/31/1994	118	187	14	-1,358	881	309	-34
11/30/1994	119	-327	20	-697	771	260	-28
12/31/1994	120	-246	21	-781	801	237	-32
1/31/1995	121	-1,895	297	316	1,207	119	-44
2/28/1995	122	-384	23	-300	627	82	-47
3/31/1995	123	-1,124	166	185	749	87	-62
4/30/1995	124	-21	13	-630	643	59	-64
5/31/1995	125	53	14	-771	695	79	-70
6/30/1995	126	50	15	-770	701	72	-68
7/31/1995	127	85	18	-859	705	114	-63
8/31/1995	128	44	19	-844	705	133	-57
9/30/1995	129	62	19	-843	674	137	-49
10/31/1995	130	5	18	-826	703	144	-44
11/30/1995	131	15	17	-831	694	141	-35
12/31/1995	132	-733	37	-51	675	111	-39
1/31/1996	133	-111	21	-703	656	181	-45
2/29/1996	134	-914	131	63	645	120	-46
3/31/1996	135	-241	32	-478	576	166	-56
4/30/1996	136	337	16	-1,258	728	236	-58
5/31/1996	137	293	18	-1,336	810	271	-57
6/30/1996	138	251	18	-1,319	830	273	-52
7/31/1996	139	521	19	-1,654	820	350	-56
8/31/1996	140	438	19	-1,608	854	351	-54
9/30/1996	141	407	19	-1,589	872	342	-51
10/31/1996	142	-242	25	-865	869	267	-54
11/30/1996	143	-810	45	-102	760	161	-54
12/31/1996	144	-1,085	119	113	793	122	-62
1/31/1997	145	-919	103	63	705	116	-69
2/28/1997	146	571	14	-1,512	712	278	-63
3/31/1997	147	310	15	-1,437	837	339	-65
4/30/1997	148	262	15	-1,422	856	347	-57
5/31/1997	149	167	16	-1,392	906	358	-55
6/30/1997	150	169	16	-1,392	904	353	-50

Table C-9. Flow Budget for the LAS in Pleasant Valley

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Recharge	MNW2	Pleasant Valley UAS	Oxnard Plain LAS	Las Posas LAS
7/31/1997	151	227	18	-1,532	947	398	-58
8/31/1997	152	195	19	-1,510	963	392	-59
9/30/1997	153	209	19	-1,507	957	379	-58
10/31/1997	154	139	20	-1,478	1,005	378	-64
11/30/1997	155	-897	45	-124	843	195	-63
12/31/1997	156	-1,225	130	183	871	114	-73
1/31/1998	157	-772	64	-70	764	93	-79
2/28/1998	158	-1,494	359	194	970	62	-90
3/31/1998	159	-603	65	-146	694	81	-92
4/30/1998	160	-237	30	-521	704	109	-85
5/31/1998	161	-499	50	-270	696	107	-84
6/30/1998	162	450	20	-1,486	950	160	-94
7/31/1998	163	32	16	-1,000	859	181	-88
8/31/1998	164	23	17	-985	846	183	-83
9/30/1998	165	29	16	-982	837	179	-79
10/31/1998	166	-13	16	-964	859	182	-78
11/30/1998	167	-228	20	-697	814	160	-69
12/31/1998	168	-132	15	-832	844	176	-70
1/31/1999	169	-569	33	-273	754	116	-61
2/28/1999	170	370	14	-1,251	781	144	-58
3/31/1999	171	-812	55	-95	765	145	-57
4/30/1999	172	-538	37	-259	687	125	-53
5/31/1999	173	372	16	-1,341	850	166	-62
6/30/1999	174	295	16	-1,318	878	187	-59
7/31/1999	175	495	15	-1,722	859	411	-58
8/31/1999	176	395	15	-1,676	888	430	-53
9/30/1999	177	362	15	-1,655	901	425	-48
10/31/1999	178	262	17	-1,616	952	430	-44
11/30/1999	179	-186	17	-1,023	879	352	-38
12/31/1999	180	274	15	-1,614	959	408	-42
1/31/2000	181	-766	31	-323	892	198	-31
2/29/2000	182	-1,114	123	85	827	109	-30
3/31/2000	183	-557	40	-325	754	123	-35
4/30/2000	184	-505	42	-336	716	120	-36
5/31/2000	185	584	18	-1,702	906	233	-39
6/30/2000	186	474	18	-1,668	956	257	-38
7/31/2000	187	156	11	-1,300	870	298	-36
8/31/2000	188	150	11	-1,281	861	292	-33
9/30/2000	189	166	10	-1,279	848	285	-30
10/31/2000	190	-93	11	-988	841	260	-31
11/30/2000	191	165	11	-1,272	848	276	-28
12/31/2000	192	100	10	-1,249	884	282	-28
1/31/2001	193	-1,165	101	166	832	99	-33
2/28/2001	194	-995	133	122	717	56	-34
3/31/2001	195	-814	73	20	708	55	-42
4/30/2001	196	101	21	-823	629	115	-43
5/31/2001	197	345	13	-1,204	736	159	-48
6/30/2001	198	305	13	-1,187	749	168	-47
7/31/2001	199	322	12	-1,277	877	105	-40
8/31/2001	200	275	13	-1,256	914	89	-36

Table C-9. Flow Budget for the LAS in Pleasant Valley

(page 5 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Recharge	MNW2	Pleasant Valley UAS	Oxnard Plain LAS	Las Posas LAS
9/30/2001	201	269	12	-1,251	920	81	-31
10/31/2001	202	191	13	-1,225	972	79	-30
11/30/2001	203	-838	50	-30	798	52	-32
12/31/2001	204	-438	23	-412	801	59	-33
1/31/2002	205	-292	17	-526	756	78	-34
2/28/2002	206	278	12	-1,159	784	112	-27
3/31/2002	207	112	13	-1,104	873	135	-29
4/30/2002	208	123	13	-1,103	855	137	-26
5/31/2002	209	77	14	-1,082	876	142	-26
6/30/2002	210	104	14	-1,087	854	139	-23
7/31/2002	211	731	17	-2,038	987	320	-19
8/31/2002	212	580	18	-1,988	1,058	345	-16
9/30/2002	213	524	20	-1,967	1,088	347	-11
10/31/2002	214	403	18	-1,923	1,159	347	-9
11/30/2002	215	-1,223	89	62	958	128	-13
12/31/2002	216	-823	54	-184	865	105	-18
1/31/2003	217	170	11	-1,202	924	123	-26
2/28/2003	218	-1,049	105	124	790	57	-26
3/31/2003	219	-743	59	-50	716	50	-33
4/30/2003	220	203	17	-1,067	766	117	-36
5/31/2003	221	-453	25	-344	729	82	-39
6/30/2003	222	388	11	-1,307	822	127	-40
7/31/2003	223	500	13	-1,659	886	300	-40
8/31/2003	224	381	13	-1,617	923	338	-39
9/30/2003	225	346	13	-1,601	931	347	-36
10/31/2003	226	254	14	-1,567	979	356	-35
11/30/2003	227	-411	20	-694	925	191	-30
12/31/2003	228	-410	27	-595	832	181	-36
1/31/2004	229	46	11	-1,117	847	254	-41
2/29/2004	230	-940	88	51	745	93	-36
3/31/2004	231	214	12	-1,231	794	256	-44
4/30/2004	232	199	13	-1,232	799	266	-44
5/31/2004	233	135	16	-1,209	835	268	-44
6/30/2004	234	152	14	-1,211	824	261	-41
7/31/2004	235	674	16	-1,944	927	360	-33
8/31/2004	236	552	16	-1,895	983	372	-28
9/30/2004	237	510	16	-1,875	1,003	369	-23
10/31/2004	238	-1,211	98	98	938	105	-27
11/30/2004	239	677	13	-1,916	935	316	-26
12/31/2004	240	-1,204	111	112	932	81	-31
1/31/2005	241	-1,333	211	245	906	9	-37
2/28/2005	242	-1,037	166	153	760	-2	-40
3/31/2005	243	-485	48	-133	596	21	-47
4/30/2005	244	53	15	-700	618	64	-51
5/31/2005	245	315	13	-1,143	763	106	-54
6/30/2005	246	258	14	-1,134	800	115	-52
7/31/2005	247	16	14	-921	825	117	-50
8/31/2005	248	9	13	-916	822	120	-48
9/30/2005	249	37	13	-922	797	120	-45
10/31/2005	250	-410	23	-380	728	85	-46

Table C-9. Flow Budget for the LAS in Pleasant Valley

(page 6 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Recharge	MNW2	Pleasant Valley UAS	Oxnard Plain LAS	Las Posas LAS
11/30/2005	251	84	13	-935	771	111	-44
12/31/2005	252	28	12	-921	805	120	-45
1/31/2006	253	-576	48	-240	745	66	-43
2/28/2006	254	-502	60	-194	627	47	-38
3/31/2006	255	-588	71	-131	643	47	-43
4/30/2006	256	-474	66	-197	590	57	-42
5/31/2006	257	-32	21	-642	626	70	-44
6/30/2006	258	602	16	-1,511	798	133	-37
7/31/2006	259	109	15	-932	751	98	-41
8/31/2006	260	98	15	-920	751	97	-40
9/30/2006	261	110	14	-919	738	94	-36
10/31/2006	262	71	13	-903	762	93	-36
11/30/2006	263	90	13	-907	750	88	-34
12/31/2006	264	-294	16	-439	700	53	-36
1/31/2007	265	-518	40	-132	600	49	-40
2/28/2007	266	46	19	-717	583	109	-41
3/31/2007	267	234	14	-1,055	684	171	-47
4/30/2007	268	-46	11	-735	663	156	-49
5/31/2007	269	178	14	-1,045	717	186	-51
6/30/2007	270	169	14	-1,041	720	187	-49
7/31/2007	271	400	16	-1,524	857	284	-33
8/31/2007	272	317	15	-1,497	896	298	-28
9/30/2007	273	295	15	-1,488	903	299	-24
10/31/2007	274	232	16	-1,463	933	304	-22
11/30/2007	275	250	16	-1,464	916	300	-18
12/31/2007	276	-497	39	-492	761	214	-26
1/31/2008	277	-1,102	147	133	808	46	-33
2/29/2008	278	-385	38	-256	606	35	-38
3/31/2008	279	339	19	-1,115	746	63	-52
4/30/2008	280	295	20	-1,107	780	66	-54
5/31/2008	281	228	21	-1,086	829	64	-56
6/30/2008	282	230	20	-1,086	828	61	-53
7/31/2008	283	511	22	-1,605	939	186	-53
8/31/2008	284	415	22	-1,574	979	210	-51
9/30/2008	285	390	21	-1,563	986	214	-48
10/31/2008	286	309	21	-1,534	1,034	218	-47
11/30/2008	287	-643	37	-236	789	92	-39
12/31/2008	288	-548	43	-262	731	76	-39
1/31/2009	289	-34	13	-734	776	34	-55
2/28/2009	290	-815	95	95	666	0	-41
3/31/2009	291	98	13	-781	713	19	-63
4/30/2009	292	99	13	-786	720	20	-67
5/31/2009	293	70	14	-776	742	17	-67
6/30/2009	294	90	16	-783	729	14	-64
7/31/2009	295	640	19	-1,625	842	184	-60
8/31/2009	296	511	20	-1,581	890	216	-57
9/30/2009	297	464	19	-1,562	907	225	-54
10/31/2009	298	-150	31	-768	783	147	-43
11/30/2009	299	480	19	-1,543	892	200	-47
12/31/2009	300	-710	46	-107	778	34	-42

Table C-9. Flow Budget for the LAS in Pleasant Valley

(page 7 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Recharge	MNW2	Pleasant Valley UAS	Oxnard Plain LAS	Las Posas LAS
1/31/2010	301	-903	81	147	741	-19	-47
2/28/2010	302	-602	60	14	603	-26	-50
3/31/2010	303	247	18	-939	773	-3	-96
4/30/2010	304	-232	23	-359	665	-12	-85
5/31/2010	305	221	20	-946	812	1	-108
6/30/2010	306	205	19	-946	828	4	-109
7/31/2010	307	527	24	-1,479	914	117	-104
8/31/2010	308	429	25	-1,442	949	138	-99
9/30/2010	309	395	25	-1,427	956	144	-93
10/31/2010	310	-618	40	-184	809	50	-97
11/30/2010	311	269	19	-1,141	811	134	-91
12/31/2010	312	-1,099	165	160	842	22	-91
1/31/2011	313	65	22	-759	776	12	-116
2/28/2011	314	-491	55	-83	624	-5	-100
3/31/2011	315	-777	111	95	673	-14	-89
4/30/2011	316	367	22	-966	706	-6	-123
5/31/2011	317	269	21	-931	777	-5	-131
6/30/2011	318	257	23	-926	784	-8	-131
7/31/2011	319	224	21	-965	827	6	-114
8/31/2011	320	198	22	-960	837	9	-105
9/30/2011	321	204	21	-964	826	9	-96
10/31/2011	322	-72	20	-615	753	12	-98
11/30/2011	323	-453	33	-165	677	3	-96
12/31/2011	324	255	19	-982	792	12	-96
1/31/2012	325	-298	28	-344	696	22	-103
2/29/2012	326	506	25	-1,287	815	46	-106
3/31/2012	327	-522	45	-163	723	24	-107
4/30/2012	328	-275	32	-329	661	18	-106
5/31/2012	329	494	27	-1,287	833	50	-116
6/30/2012	330	424	27	-1,268	874	60	-117
7/31/2012	331	512	21	-1,420	839	158	-110
8/31/2012	332	433	22	-1,380	848	181	-105
9/30/2012	333	406	22	-1,363	847	187	-98
10/31/2012	334	323	23	-1,329	889	193	-99
11/30/2012	335	-58	21	-868	859	143	-96
12/31/2012	336	-405	28	-492	876	89	-96
1/31/2013	337	-268	20	-570	823	84	-90
2/28/2013	338	362	12	-1,187	763	124	-75
3/31/2013	339	-60	12	-811	827	113	-82
4/30/2013	340	284	13	-1,153	799	130	-73
5/31/2013	341	228	14	-1,126	803	134	-53
6/30/2013	342	241	14	-1,127	780	133	-41
7/31/2013	343	612	17	-1,729	871	268	-40
8/31/2013	344	519	17	-1,693	908	283	-35
9/30/2013	345	492	17	-1,682	915	286	-28
10/31/2013	346	404	16	-1,646	960	288	-23
11/30/2013	347	394	15	-1,635	955	289	-20
12/31/2013	348	337	16	-1,618	989	291	-15
1/31/2014	349	476	16	-1,702	1,005	229	-23
2/28/2014	350	-836	57	-38	751	80	-15

Table C-9. Flow Budget for the LAS in Pleasant Valley

(page 8 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month					
		Storage	Recharge	MNW2	Pleasant Valley UAS	Oxnard Plain LAS	Las Posas LAS
3/31/2014	351	-172	26	-763	818	120	-28
4/30/2014	352	682	15	-1,786	927	200	-37
5/31/2014	353	537	17	-1,731	987	225	-35
6/30/2014	354	506	17	-1,722	995	234	-30
7/31/2014	355	363	17	-1,673	1,017	303	-27
8/31/2014	356	353	16	-1,674	1,018	310	-23
9/30/2014	357	376	16	-1,683	1,002	308	-19
10/31/2014	358	308	15	-1,657	1,041	310	-17
11/30/2014	359	178	12	-1,463	988	299	-14
12/31/2014	360	-1,274	90	183	938	84	-20
1/31/2015	361	-744	35	-58	760	39	-32
2/28/2015	362	460	12	-1,326	775	121	-43
3/31/2015	363	-1	16	-897	849	75	-43
4/30/2015	364	342	14	-1,280	836	131	-43
5/31/2015	365	260	12	-1,247	873	144	-43
6/30/2015	366	272	12	-1,250	857	148	-39
7/31/2015	367	275	11	-1,319	827	233	-27
8/31/2015	368	403	13	-1,559	882	286	-24
9/30/2015	369	387	13	-1,568	885	300	-18
10/31/2015	370	302	13	-1,538	927	310	-14
11/30/2015	371	317	14	-1,546	916	310	-11
12/31/2015	372	249	15	-1,522	952	315	-9
monthly average		-22	32	-1,013	836	202	-35
annual average		-262	384	-12,157	10,032	2,419	-418

Table C-10. Flow Budget for the Semi-perched Aquifer in Mound

(page 1 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month							
					Santa Paula	Oxnard	Offshore		
		Storage	Recharge	ET	Semi-Perched Aquifer	Plain Semi-Perched Aquifer	Flux Semi-Perched Aquifer	Mound UAS	Santa Clara River Percolation
1/31/1985	1	-113	131	-30	0	188	18	-72	-121
2/28/1985	2	-82	162	-27	0	129	12	-90	-105
3/31/1985	3	-54	140	-29	0	121	12	-79	-112
4/30/1985	4	-55	127	-27	0	107	10	-56	-105
5/31/1985	5	-46	127	-27	0	103	9	-57	-107
6/30/1985	6	-42	128	-26	0	94	7	-58	-103
7/31/1985	7	-22	118	-27	0	91	7	-62	-105
8/31/1985	8	-18	118	-27	0	86	6	-62	-104
9/30/1985	9	-15	118	-26	0	79	5	-62	-100
10/31/1985	10	-8	118	-26	0	77	4	-63	-102
11/30/1985	11	-134	392	-26	0	73	1	-203	-102
12/31/1985	12	14	112	-27	0	71	2	-67	-104
1/31/1986	13	-128	353	-29	0	80	-3	-190	-81
2/28/1986	14	-377	690	-30	-4	56	-20	-318	3
3/31/1986	15	-151	453	-33	-1	61	-18	-248	-63
4/30/1986	16	21	209	-32	0	66	-9	-145	-110
5/31/1986	17	30	162	-32	0	63	-6	-100	-118
6/30/1986	18	11	162	-30	0	55	-5	-84	-110
7/31/1986	19	47	96	-30	0	57	-5	-54	-112
8/31/1986	20	43	96	-30	0	57	-5	-51	-110
9/30/1986	21	39	119	-29	0	55	-5	-73	-106
10/31/1986	22	40	96	-29	0	56	-5	-50	-109
11/30/1986	23	35	124	-28	0	54	-5	-75	-105
12/31/1986	24	38	96	-29	0	56	-5	-49	-107
1/31/1987	25	7	180	-29	0	56	-5	-102	-107
2/28/1987	26	9	165	-26	0	50	-5	-97	-97
3/31/1987	27	2	188	-29	0	55	-6	-103	-107
4/30/1987	28	10	134	-28	0	53	-5	-61	-103
5/31/1987	29	14	134	-28	0	54	-6	-62	-106
6/30/1987	30	12	134	-27	0	51	-6	-63	-102
7/31/1987	31	19	131	-28	0	53	-6	-64	-104
8/31/1987	32	20	131	-28	0	52	-7	-65	-103
9/30/1987	33	18	131	-27	0	49	-7	-66	-99
10/31/1987	34	22	158	-27	0	52	-7	-94	-103
11/30/1987	35	26	136	-26	0	50	-7	-80	-99
12/31/1987	36	-57	323	-27	0	53	-8	-178	-106
1/31/1988	37	14	204	-27	0	52	-8	-126	-109
2/29/1988	38	-7	142	-27	0	71	-9	-88	-83
3/31/1988	39	-21	118	-29	0	95	-10	-64	-90
4/30/1988	40	-61	301	-27	0	69	-9	-165	-108
5/31/1988	41	31	122	-28	0	58	-8	-72	-104
6/30/1988	42	26	125	-27	0	51	-8	-68	-100
7/31/1988	43	12	135	-27	0	49	-8	-58	-102
8/31/1988	44	15	135	-27	0	46	-8	-58	-103
9/30/1988	45	13	135	-26	0	42	-8	-59	-97
10/31/1988	46	18	135	-27	0	42	-8	-60	-100
11/30/1988	47	26	139	-26	0	40	-8	-75	-96
12/31/1988	48	-54	310	-27	0	44	-10	-161	-101

Table C-10. Flow Budget for the Semi-perched Aquifer in Mound

(page 2 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month							
					Santa Paula	Oxnard	Offshore		
		Storage	Recharge	ET	Semi-Perched Aquifer	Plain Semi-Perched Aquifer	Flux Semi-Perched Aquifer	Mound UAS	Santa Clara River Percolation
1/31/1989	49	49	98	-27	0	43	-9	-55	-100
2/28/1989	50	-26	258	-24	0	39	-9	-145	-91
3/31/1989	51	51	111	-27	0	43	-9	-69	-100
4/30/1989	52	41	98	-26	0	41	-8	-51	-96
5/31/1989	53	43	98	-26	0	43	-8	-52	-98
6/30/1989	54	36	109	-25	0	42	-8	-60	-94
7/31/1989	55	11	138	-26	0	41	-8	-60	-96
8/31/1989	56	13	138	-25	0	40	-9	-61	-96
9/30/1989	57	10	138	-24	0	37	-9	-61	-92
10/31/1989	58	15	138	-25	0	38	-9	-63	-94
11/30/1989	59	12	138	-24	0	35	-9	-62	-91
12/31/1989	60	17	138	-25	0	35	-9	-64	-93
1/31/1990	61	27	176	-24	0	35	-10	-111	-93
2/28/1990	62	22	166	-22	0	32	-9	-104	-86
3/31/1990	63	11	156	-24	0	34	-10	-76	-91
4/30/1990	64	9	156	-23	0	31	-10	-76	-87
5/31/1990	65	28	131	-24	0	32	-10	-67	-89
6/30/1990	66	10	157	-23	0	30	-10	-77	-86
7/31/1990	67	25	132	-23	0	30	-10	-64	-89
8/31/1990	68	26	132	-23	0	31	-10	-65	-90
9/30/1990	69	23	132	-22	0	30	-10	-65	-88
10/31/1990	70	27	132	-22	0	31	-10	-66	-92
11/30/1990	71	24	132	-21	0	30	-10	-65	-89
12/31/1990	72	28	132	-22	0	32	-10	-67	-93
1/31/1991	73	40	141	-21	0	32	-10	-89	-92
2/28/1991	74	-23	259	-19	0	29	-10	-150	-86
3/31/1991	75	-703	1,100	-31	-9	134	-33	-454	-4
4/30/1991	76	105	133	-26	0	73	-18	-162	-105
5/31/1991	77	68	133	-25	0	50	-16	-114	-97
6/30/1991	78	49	133	-24	0	39	-14	-91	-92
7/31/1991	79	51	113	-24	0	35	-14	-68	-93
8/31/1991	80	48	113	-24	0	33	-14	-64	-92
9/30/1991	81	44	113	-23	0	30	-13	-62	-89
10/31/1991	82	47	113	-23	0	30	-13	-63	-92
11/30/1991	83	43	113	-22	0	28	-12	-62	-89
12/31/1991	84	-64	359	-23	0	33	-15	-195	-95
1/31/1992	85	29	199	-23	0	30	-14	-129	-93
2/29/1992	86	-515	772	-31	-4	98	-41	-350	70
3/31/1992	87	-193	448	-33	-2	113	-36	-257	-41
4/30/1992	88	8	119	-32	0	118	-24	-105	-84
5/31/1992	89	39	119	-30	0	74	-18	-76	-108
6/30/1992	90	37	120	-28	0	51	-16	-64	-100
7/31/1992	91	50	111	-28	0	42	-15	-59	-101
8/31/1992	92	51	111	-27	0	36	-15	-57	-99
9/30/1992	93	48	111	-26	0	32	-14	-56	-95
10/31/1992	94	59	135	-26	0	33	-14	-87	-100
11/30/1992	95	45	111	-25	0	31	-13	-54	-94
12/31/1992	96	-111	385	-28	0	67	-17	-208	-88

Table C-10. Flow Budget for the Semi-perched Aquifer in Mound

(page 3 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month							
					Santa Paula	Oxnard	Offshore		
		Storage	Recharge	ET	Semi-Perched Aquifer	Plain Semi-Perched Aquifer	Flux Semi-Perched Aquifer	Mound UAS	Santa Clara River Percolation
1/31/1993	97	-417	706	-34	-4	42	-47	-330	84
2/28/1993	98	-418	718	-33	-6	10	-60	-330	118
3/31/1993	99	-122	423	-37	-1	17	-53	-237	10
4/30/1993	100	99	118	-36	0	34	-38	-115	-62
5/31/1993	101	87	118	-36	0	51	-29	-87	-104
6/30/1993	102	54	116	-34	0	55	-23	-67	-100
7/31/1993	103	46	113	-35	0	62	-19	-53	-116
8/31/1993	104	51	113	-33	0	50	-17	-47	-118
9/30/1993	105	47	113	-31	0	43	-16	-45	-111
10/31/1993	106	49	113	-32	0	42	-16	-44	-113
11/30/1993	107	46	105	-30	0	40	-15	-37	-109
12/31/1993	108	47	147	-31	0	41	-15	-78	-112
1/31/1994	109	49	104	-31	0	43	-14	-37	-113
2/28/1994	110	-184	486	-31	-2	37	-22	-231	-54
3/31/1994	111	26	191	-34	0	47	-22	-119	-88
4/30/1994	112	62	104	-32	0	45	-15	-47	-118
5/31/1994	113	48	104	-32	0	46	-14	-37	-115
6/30/1994	114	40	104	-30	0	45	-13	-36	-110
7/31/1994	115	27	137	-31	0	45	-13	-52	-112
8/31/1994	116	27	137	-31	0	45	-13	-53	-112
9/30/1994	117	24	137	-30	0	42	-13	-54	-107
10/31/1994	118	28	137	-30	0	43	-13	-54	-110
11/30/1994	119	34	148	-29	0	43	-13	-78	-106
12/31/1994	120	37	136	-30	0	46	-13	-67	-109
1/31/1995	121	-994	1,479	-36	-16	6	-54	-470	84
2/28/1995	122	177	148	-32	0	23	-32	-204	-79
3/31/1995	123	-397	841	-37	-5	10	-45	-340	-28
4/30/1995	124	134	143	-35	0	22	-34	-143	-86
5/31/1995	125	116	148	-36	0	33	-29	-120	-112
6/30/1995	126	80	143	-35	0	43	-23	-85	-124
7/31/1995	127	72	136	-35	0	41	-21	-70	-123
8/31/1995	128	55	136	-34	0	40	-20	-56	-120
9/30/1995	129	39	136	-33	0	39	-19	-47	-115
10/31/1995	130	28	136	-34	0	49	-20	-45	-115
11/30/1995	131	16	136	-33	0	50	-20	-44	-105
12/31/1995	132	-3	226	-34	0	53	-21	-111	-110
1/31/1996	133	34	137	-34	0	55	-21	-66	-104
2/29/1996	134	-255	582	-33	-2	41	-30	-245	-58
3/31/1996	135	67	149	-35	0	48	-26	-101	-103
4/30/1996	136	53	124	-34	0	53	-21	-60	-114
5/31/1996	137	41	117	-35	0	59	-19	-42	-121
6/30/1996	138	35	117	-33	0	55	-17	-41	-116
7/31/1996	139	13	157	-34	0	55	-18	-56	-118
8/31/1996	140	14	157	-33	0	54	-18	-57	-117
9/30/1996	141	12	157	-32	0	51	-17	-58	-113
10/31/1996	142	21	153	-34	0	58	-19	-73	-107
11/30/1996	143	-31	259	-32	0	59	-18	-124	-112
12/31/1996	144	-195	509	-35	-1	49	-28	-225	-75

Table C-10. Flow Budget for the Semi-perched Aquifer in Mound

(page 4 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month							
					Santa Paula	Oxnard	Offshore	Santa Clara	
		Storage	Recharge	ET	Semi-Perched Aquifer	Plain Semi-Perched Aquifer	Flux Semi-Perched Aquifer	Mound UAS	River Percolation
1/31/1997	145	-149	455	-35	-1	41	-31	-205	-76
2/28/1997	146	75	100	-32	0	43	-23	-63	-101
3/31/1997	147	75	100	-35	0	49	-20	-43	-125
4/30/1997	148	56	100	-34	0	48	-18	-35	-118
5/31/1997	149	53	100	-34	0	51	-18	-32	-120
6/30/1997	150	42	105	-33	0	50	-17	-32	-115
7/31/1997	151	26	135	-34	0	51	-17	-43	-118
8/31/1997	152	26	135	-33	0	51	-17	-45	-118
9/30/1997	153	23	135	-32	0	49	-16	-45	-113
10/31/1997	154	28	135	-33	0	50	-17	-46	-117
11/30/1997	155	-21	254	-32	0	46	-17	-117	-114
12/31/1997	156	-288	663	-35	-1	40	-28	-269	-82
1/31/1998	157	-15	313	-35	0	44	-24	-164	-119
2/28/1998	158	-1,338	1,821	-38	-17	-42	-68	-447	129
3/31/1998	159	175	297	-39	-2	-17	-46	-286	-81
4/30/1998	160	146	175	-38	0	-17	-47	-176	-44
5/31/1998	161	102	224	-39	0	-8	-46	-164	-70
6/30/1998	162	123	169	-37	0	13	-38	-111	-118
7/31/1998	163	130	100	-38	0	20	-37	-71	-105
8/31/1998	164	122	100	-37	0	32	-32	-56	-129
9/30/1998	165	97	100	-35	0	35	-28	-44	-125
10/31/1998	166	74	100	-36	0	41	-28	-35	-117
11/30/1998	167	54	115	-35	0	40	-27	-49	-98
12/31/1998	168	49	96	-36	0	44	-28	-27	-97
1/31/1999	169	21	195	-36	0	46	-28	-93	-105
2/28/1999	170	41	116	-32	0	44	-24	-49	-97
3/31/1999	171	-32	278	-36	0	51	-27	-123	-111
4/30/1999	172	2	212	-35	0	49	-26	-99	-103
5/31/1999	173	57	106	-35	0	56	-24	-40	-120
6/30/1999	174	53	106	-34	0	54	-21	-39	-120
7/31/1999	175	46	110	-35	0	55	-20	-35	-122
8/31/1999	176	45	110	-35	0	55	-19	-35	-121
9/30/1999	177	41	110	-33	0	53	-18	-36	-116
10/31/1999	178	45	110	-34	0	54	-18	-37	-119
11/30/1999	179	46	120	-33	0	52	-18	-52	-115
12/31/1999	180	44	110	-34	0	53	-17	-38	-118
1/31/2000	181	30	171	-34	0	53	-18	-85	-118
2/29/2000	182	-365	752	-33	-3	38	-29	-289	-72
3/31/2000	183	34	233	-35	0	41	-27	-145	-101
4/30/2000	184	-35	314	-34	0	39	-25	-149	-109
5/31/2000	185	70	159	-35	0	42	-22	-87	-126
6/30/2000	186	49	159	-34	0	41	-20	-75	-119
7/31/2000	187	61	117	-35	0	42	-20	-44	-121
8/31/2000	188	56	117	-34	0	43	-19	-41	-120
9/30/2000	189	50	117	-33	0	41	-18	-41	-115
10/31/2000	190	58	132	-34	0	43	-19	-61	-119
11/30/2000	191	47	117	-32	0	42	-18	-41	-114
12/31/2000	192	50	117	-33	0	43	-18	-42	-117

Table C-10. Flow Budget for the Semi-perched Aquifer in Mound

(page 5 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month							
					Santa Paula	Oxnard	Offshore		
		Storage	Recharge	ET	Semi-Perched Aquifer	Plain Semi-Perched Aquifer	Flux Semi-Perched Aquifer	Mound UAS	Santa Clara River Percolation
1/31/2001	193	-222	587	-35	-1	45	-24	-241	-109
2/28/2001	194	-253	609	-32	-2	28	-29	-251	-70
3/31/2001	195	-250	585	-36	-2	7	-43	-246	-16
4/30/2001	196	130	144	-35	0	25	-30	-111	-124
5/31/2001	197	104	141	-36	0	31	-26	-83	-131
6/30/2001	198	73	142	-34	0	32	-23	-69	-121
7/31/2001	199	86	105	-35	0	36	-22	-47	-123
8/31/2001	200	75	105	-35	0	38	-21	-41	-121
9/30/2001	201	65	105	-33	0	39	-20	-40	-116
10/31/2001	202	66	105	-34	0	41	-20	-40	-119
11/30/2001	203	-31	298	-33	0	40	-21	-137	-116
12/31/2001	204	67	128	-34	0	43	-20	-65	-119
1/31/2002	205	73	97	-33	0	44	-19	-45	-118
2/28/2002	206	58	79	-30	0	41	-16	-26	-106
3/31/2002	207	65	79	-33	0	48	-17	-26	-116
4/30/2002	208	59	79	-31	0	48	-16	-26	-111
5/31/2002	209	60	79	-32	0	51	-16	-27	-114
6/30/2002	210	53	80	-31	0	50	-15	-28	-110
7/31/2002	211	28	124	-32	0	51	-15	-43	-113
8/31/2002	212	29	124	-31	0	51	-15	-44	-113
9/30/2002	213	27	124	-30	0	48	-15	-45	-109
10/31/2002	214	31	124	-31	0	49	-15	-46	-112
11/30/2002	215	-189	488	-31	0	59	-19	-193	-115
12/31/2002	216	-68	355	-32	0	53	-19	-167	-122
1/31/2003	217	72	107	-32	0	48	-17	-63	-114
2/28/2003	218	-179	463	-31	0	44	-22	-196	-79
3/31/2003	219	-58	317	-34	0	49	-25	-153	-96
4/30/2003	220	60	115	-33	0	52	-21	-70	-104
5/31/2003	221	35	141	-34	0	56	-21	-71	-105
6/30/2003	222	48	112	-32	0	50	-18	-45	-115
7/31/2003	223	49	108	-33	0	49	-17	-40	-116
8/31/2003	224	48	108	-32	0	48	-17	-40	-114
9/30/2003	225	44	108	-31	0	46	-16	-41	-110
10/31/2003	226	47	108	-31	0	47	-16	-42	-112
11/30/2003	227	21	179	-30	0	43	-17	-87	-109
12/31/2003	228	48	135	-31	0	46	-16	-67	-116
1/31/2004	229	37	114	-31	0	46	-16	-40	-111
2/29/2004	230	-245	546	-32	-1	46	-24	-222	-68
3/31/2004	231	86	103	-32	0	48	-18	-66	-121
4/30/2004	232	46	116	-30	0	43	-16	-49	-109
5/31/2004	233	43	116	-31	0	43	-16	-43	-112
6/30/2004	234	38	116	-30	0	41	-15	-43	-107
7/31/2004	235	52	105	-30	0	41	-16	-42	-109
8/31/2004	236	51	105	-30	0	40	-15	-42	-108
9/30/2004	237	47	105	-29	0	38	-15	-43	-104
10/31/2004	238	-133	409	-31	0	63	-19	-186	-103
11/30/2004	239	58	105	-29	0	47	-16	-59	-105
12/31/2004	240	-230	508	-34	-1	54	-30	-229	-38

Table C-10. Flow Budget for the Semi-perched Aquifer in Mound

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month							
					Santa Paula	Oxnard	Offshore		
		Storage	Recharge	ET	Semi-Perched Aquifer	Plain Semi-Perched Aquifer	Flux Semi-Perched Aquifer	Mound UAS	Santa Clara River Percolation
1/31/2005	241	-626	923	-39	-5	-7	-74	-355	181
2/28/2005	242	-415	762	-40	-3	-19	-70	-298	84
3/31/2005	243	53	271	-39	0	5	-49	-183	-59
4/30/2005	244	148	128	-37	0	21	-39	-117	-105
5/31/2005	245	116	130	-37	0	33	-34	-96	-112
6/30/2005	246	91	130	-35	0	42	-28	-80	-121
7/31/2005	247	102	98	-36	0	41	-24	-56	-124
8/31/2005	248	85	98	-35	0	39	-22	-44	-120
9/30/2005	249	71	98	-33	0	37	-21	-38	-114
10/31/2005	250	51	121	-35	0	43	-24	-56	-100
11/30/2005	251	63	97	-32	0	41	-20	-35	-113
12/31/2005	252	64	96	-33	0	43	-20	-35	-115
1/31/2006	253	-65	291	-35	0	40	-27	-130	-76
2/28/2006	254	-47	261	-31	0	38	-25	-117	-78
3/31/2006	255	-96	352	-35	0	44	-29	-145	-90
4/30/2006	256	-175	412	-35	0	25	-38	-166	-24
5/31/2006	257	60	168	-36	0	41	-30	-91	-113
6/30/2006	258	4	190	-34	0	43	-28	-80	-95
7/31/2006	259	58	111	-35	0	53	-24	-43	-120
8/31/2006	260	55	111	-35	0	53	-21	-41	-122
9/30/2006	261	46	111	-33	0	52	-20	-40	-115
10/31/2006	262	46	111	-34	0	54	-20	-40	-118
11/30/2006	263	41	111	-32	0	53	-19	-40	-113
12/31/2006	264	38	122	-33	0	55	-19	-47	-116
1/31/2007	265	-12	220	-33	0	54	-20	-92	-117
2/28/2007	266	7	154	-30	0	49	-18	-56	-105
3/31/2007	267	-5	166	-33	0	54	-20	-45	-116
4/30/2007	268	19	149	-32	0	52	-19	-57	-112
5/31/2007	269	-5	166	-33	0	54	-20	-46	-115
6/30/2007	270	-7	166	-32	0	51	-20	-47	-111
7/31/2007	271	44	116	-32	0	52	-20	-45	-115
8/31/2007	272	45	116	-32	0	52	-19	-46	-114
9/30/2007	273	41	115	-31	0	49	-18	-46	-110
10/31/2007	274	45	116	-32	0	50	-18	-47	-113
11/30/2007	275	42	116	-31	0	48	-17	-48	-109
12/31/2007	276	13	217	-32	0	48	-18	-111	-116
1/31/2008	277	-423	755	-35	-2	26	-43	-284	6
2/29/2008	278	71	147	-33	0	37	-30	-107	-86
3/31/2008	279	87	104	-35	0	52	-25	-68	-115
4/30/2008	280	75	104	-33	0	49	-19	-54	-122
5/31/2008	281	66	104	-33	0	48	-19	-48	-118
6/30/2008	282	58	104	-32	0	45	-17	-46	-112
7/31/2008	283	42	122	-32	0	46	-18	-46	-114
8/31/2008	284	42	122	-32	0	45	-17	-47	-113
9/30/2008	285	38	122	-30	0	44	-17	-48	-109
10/31/2008	286	41	122	-31	0	45	-17	-49	-112
11/30/2008	287	15	197	-30	0	44	-17	-98	-112
12/31/2008	288	22	187	-31	0	44	-18	-92	-112

Table C-10. Flow Budget for the Semi-perched Aquifer in Mound

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month							
					Santa Paula	Oxnard	Offshore		
		Storage	Recharge	ET	Semi-Perched Aquifer	Plain Semi-Perched Aquifer	Flux Semi-Perched Aquifer	Mound UAS	Santa Clara River Percolation
1/31/2009	289	62	90	-31	0	44	-16	-38	-111
2/28/2009	290	-187	440	-31	0	44	-23	-175	-69
3/31/2009	291	69	90	-32	0	58	-19	-53	-112
4/30/2009	292	56	90	-30	0	49	-16	-39	-110
5/31/2009	293	57	90	-31	0	47	-16	-36	-112
6/30/2009	294	51	91	-30	0	45	-15	-36	-107
7/31/2009	295	26	138	-30	0	45	-15	-54	-110
8/31/2009	296	27	138	-30	0	44	-15	-55	-109
9/30/2009	297	25	138	-29	0	41	-15	-56	-104
10/31/2009	298	42	153	-29	0	43	-15	-82	-112
11/30/2009	299	25	138	-28	0	39	-14	-57	-103
12/31/2009	300	-38	256	-29	0	63	-15	-123	-114
1/31/2010	301	-283	557	-34	-1	56	-30	-223	-43
2/28/2010	302	-154	407	-31	0	52	-26	-171	-79
3/31/2010	303	9	165	-34	0	64	-23	-75	-105
4/30/2010	304	7	166	-33	0	61	-22	-82	-97
5/31/2010	305	3	165	-32	0	51	-20	-51	-115
6/30/2010	306	-2	165	-31	0	43	-20	-47	-109
7/31/2010	307	72	94	-31	0	42	-19	-46	-111
8/31/2010	308	72	94	-31	0	40	-19	-46	-110
9/30/2010	309	67	94	-30	0	38	-17	-46	-106
10/31/2010	310	18	200	-31	0	41	-19	-99	-110
11/30/2010	311	65	107	-29	0	40	-17	-59	-107
12/31/2010	312	-381	753	-34	-2	45	-31	-283	-66
1/31/2011	313	115	95	-33	0	44	-22	-82	-118
2/28/2011	314	-21	232	-31	0	43	-22	-117	-86
3/31/2011	315	-169	401	-35	0	30	-39	-178	-10
4/30/2011	316	76	95	-34	0	42	-27	-59	-93
5/31/2011	317	62	95	-35	0	52	-23	-45	-106
6/30/2011	318	53	95	-32	0	57	-18	-38	-116
7/31/2011	319	57	97	-32	0	50	-18	-39	-114
8/31/2011	320	57	97	-32	0	47	-17	-39	-113
9/30/2011	321	52	97	-30	0	45	-16	-39	-108
10/31/2011	322	49	125	-31	0	46	-17	-61	-111
11/30/2011	323	31	144	-30	0	45	-16	-67	-107
12/31/2011	324	50	97	-30	0	47	-15	-38	-110
1/31/2012	325	27	145	-30	0	48	-16	-64	-110
2/29/2012	326	24	120	-28	0	45	-14	-45	-102
3/31/2012	327	-7	187	-31	0	56	-17	-90	-99
4/30/2012	328	-14	188	-30	0	57	-16	-85	-100
5/31/2012	329	28	120	-30	0	53	-15	-46	-110
6/30/2012	330	24	120	-29	0	49	-14	-46	-105
7/31/2012	331	41	106	-30	0	51	-14	-46	-108
8/31/2012	332	40	106	-29	0	51	-13	-47	-108
9/30/2012	333	36	106	-28	0	50	-12	-48	-104
10/31/2012	334	39	106	-29	0	52	-13	-48	-107
11/30/2012	335	33	123	-28	0	50	-12	-62	-103
12/31/2012	336	-8	212	-29	0	49	-13	-104	-107

Table C-10. Flow Budget for the Semi-perched Aquifer in Mound

(page 8 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month							
					Santa Paula	Oxnard	Offshore		
		Storage	Recharge	ET	Semi-Perched Aquifer	Plain Semi-Perched Aquifer	Flux Semi-Perched Aquifer	Mound UAS	Santa Clara River Percolation
1/31/2013	337	51	98	-29	0	50	-12	-51	-106
2/28/2013	338	41	81	-26	0	45	-10	-35	-95
3/31/2013	339	46	99	-28	0	50	-11	-50	-105
4/30/2013	340	45	81	-27	0	48	-10	-36	-101
5/31/2013	341	47	81	-28	0	50	-10	-37	-103
6/30/2013	342	43	81	-27	0	48	-9	-37	-99
7/31/2013	343	37	96	-27	0	49	-9	-44	-102
8/31/2013	344	38	96	-27	0	48	-9	-45	-101
9/30/2013	345	35	96	-26	0	45	-9	-45	-97
10/31/2013	346	39	96	-26	0	46	-9	-46	-99
11/30/2013	347	36	96	-25	0	44	-8	-47	-95
12/31/2013	348	39	96	-26	0	45	-8	-48	-98
1/31/2014	349	44	95	-26	0	45	-8	-53	-97
2/28/2014	350	-110	349	-24	0	42	-10	-157	-90
3/31/2014	351	-16	128	-28	0	84	-14	-82	-71
4/30/2014	352	35	95	-26	0	59	-9	-56	-97
5/31/2014	353	41	95	-26	0	52	-9	-55	-98
6/30/2014	354	41	95	-25	0	46	-8	-55	-93
7/31/2014	355	29	104	-25	0	45	-8	-49	-95
8/31/2014	356	30	104	-25	0	43	-8	-49	-94
9/30/2014	357	27	104	-24	0	41	-8	-50	-91
10/31/2014	358	31	104	-24	0	41	-8	-51	-93
11/30/2014	359	31	121	-23	0	37	-8	-69	-89
12/31/2014	360	-105	368	-24	0	43	-10	-172	-99
1/31/2015	361	54	114	-25	0	41	-9	-81	-94
2/28/2015	362	50	77	-22	0	35	-7	-50	-84
3/31/2015	363	58	77	-24	0	37	-8	-50	-91
4/30/2015	364	53	77	-23	0	35	-7	-49	-87
5/31/2015	365	55	77	-23	0	36	-7	-50	-89
6/30/2015	366	51	78	-22	0	34	-6	-50	-85
7/31/2015	367	40	88	-23	0	35	-6	-47	-87
8/31/2015	368	39	88	-22	0	34	-6	-47	-86
9/30/2015	369	46	71	-21	0	33	-5	-42	-82
10/31/2015	370	36	88	-22	0	34	-5	-48	-84
11/30/2015	371	33	88	-21	0	33	-5	-48	-80
12/31/2015	372	35	88	-21	0	33	-5	-48	-82
monthly average		0	187	-30	0	46	-17	-87	-97
annual average		-2	2,238	-365	-3	558	-208	-1,050	-1,168

Table C-11. Flow Budget for the UAS in Mound

(page 1 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Storage	Areal Recharge	Pumping from Wells	Mound Shallow Aquifer	Offshore Flux	Santa Paula UAS	Forebay UAS	Oxnard Plain UAS	Mound LAS
1/31/1985	1	409	2	-150	72	-14	66	144	282	-811
2/28/1985	2	-4	3	-93	90	-29	113	198	189	-468
3/31/1985	3	-14	2	-130	79	-26	151	189	104	-356
4/30/1985	4	317	1	-242	56	11	131	56	-53	-279
5/31/1985	5	483	1	-242	57	17	102	-49	-113	-257
6/30/1985	6	584	1	-241	58	25	84	-122	-171	-217
7/31/1985	7	646	1	-238	62	17	73	-154	-84	-323
8/31/1985	8	656	1	-237	62	23	65	-161	-95	-315
9/30/1985	9	638	1	-236	62	32	61	-153	-111	-295
10/31/1985	10	639	1	-236	63	38	71	-164	-125	-288
11/30/1985	11	23	5	-45	203	-25	94	-102	-28	-125
12/31/1985	12	328	1	-227	67	22	120	-51	-94	-165
1/31/1986	13	-539	4	-64	190	-24	145	351	16	-81
2/28/1986	14	-997	9	-35	318	-50	151	512	37	54
3/31/1986	15	-955	6	-50	248	-69	172	497	31	120
4/30/1986	16	-609	3	-95	145	-53	159	426	-25	49
5/31/1986	17	105	2	-301	100	25	173	191	-172	-123
6/30/1986	18	344	2	-302	84	45	163	58	-183	-210
7/31/1986	19	192	1	-165	54	7	161	56	-155	-151
8/31/1986	20	253	1	-163	51	7	154	7	-162	-147
9/30/1986	21	126	2	-93	73	-17	139	-25	-94	-111
10/31/1986	22	369	1	-161	50	10	127	-84	-181	-131
11/30/1986	23	179	2	-84	75	-11	129	-75	-112	-102
12/31/1986	24	335	1	-159	49	16	149	-85	-179	-127
1/31/1987	25	4	3	-72	102	-18	168	-28	-49	-110
2/28/1987	26	-42	3	-84	97	-12	157	6	-47	-78
3/31/1987	27	-189	3	-70	103	-27	178	82	-7	-73
4/30/1987	28	267	1	-210	61	37	153	-2	-172	-134
5/31/1987	29	443	1	-212	62	50	122	-88	-210	-170
6/30/1987	30	547	1	-211	63	60	95	-130	-239	-184
7/31/1987	31	579	1	-206	64	67	81	-131	-262	-193
8/31/1987	32	605	1	-206	65	73	66	-137	-266	-201
9/30/1987	33	605	1	-205	66	80	55	-136	-260	-205
10/31/1987	34	282	2	-83	94	26	54	-110	-105	-160
11/30/1987	35	298	2	-120	80	36	53	-83	-113	-153
12/31/1987	36	-99	4	-46	178	5	64	0	-57	-48
1/31/1988	37	-448	3	-52	126	2	90	339	-24	-37
2/29/1988	38	-652	2	-91	88	19	110	611	-3	-85
3/31/1988	39	-440	1	-165	64	54	135	594	-19	-224
4/30/1988	40	-658	4	-47	165	-5	129	438	83	-109
5/31/1988	41	111	1	-170	72	49	122	125	-76	-234
6/30/1988	42	272	1	-171	68	61	125	20	-100	-276
7/31/1988	43	349	1	-234	58	72	147	-48	-39	-305
8/31/1988	44	453	1	-234	58	78	108	-92	-48	-325
9/30/1988	45	554	1	-232	59	84	57	-131	-58	-334
10/31/1988	46	581	1	-233	60	90	55	-144	-62	-348
11/30/1988	47	404	2	-173	75	71	55	-126	-42	-265
12/31/1988	48	5	4	-58	161	22	83	-93	6	-131
1/31/1989	49	357	1	-173	55	75	107	-98	-108	-216

Table C-11. Flow Budget for the UAS in Mound

(page 2 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Pumping Mound								
		Areal Storage	Recharge	from Wells	Shallow Aquifer	Offshore Flux	Santa Paula UAS	Forebay UAS	Oxnard Plain UAS	Mound LAS
2/28/1989	50	-121	4	-47	145	23	108	-17	-10	-86
3/31/1989	51	105	2	-130	69	59	118	0	-87	-135
4/30/1989	52	294	1	-173	51	81	95	-33	-105	-213
5/31/1989	53	368	1	-174	52	89	65	-47	-104	-251
6/30/1989	54	422	1	-174	60	94	58	-74	-118	-269
7/31/1989	55	486	1	-266	60	112	58	-100	-60	-292
8/31/1989	56	499	1	-262	61	118	57	-117	-52	-306
9/30/1989	57	500	1	-254	61	122	56	-124	-53	-309
10/31/1989	58	498	1	-253	63	129	59	-131	-46	-321
11/30/1989	59	487	1	-247	62	133	57	-127	-44	-322
12/31/1989	60	483	1	-247	64	140	57	-130	-37	-330
1/31/1990	61	133	3	-108	111	91	54	-96	12	-201
2/28/1990	62	53	3	-120	104	87	50	-16	-28	-133
3/31/1990	63	370	1	-272	76	146	60	-16	-60	-305
4/30/1990	64	401	1	-272	76	155	63	-36	-40	-350
5/31/1990	65	357	1	-229	67	153	71	-57	-44	-320
6/30/1990	66	455	1	-271	77	165	71	-82	-39	-379
7/31/1990	67	373	1	-215	64	162	72	-85	-30	-343
8/31/1990	68	378	1	-214	65	164	69	-90	-39	-334
9/30/1990	69	385	1	-212	65	165	64	-94	-46	-327
10/31/1990	70	382	1	-212	66	172	64	-101	-42	-330
11/30/1990	71	373	1	-210	65	173	62	-100	-47	-318
12/31/1990	72	375	1	-209	67	180	65	-112	-43	-324
1/31/1991	73	219	2	-134	89	160	68	-113	-28	-263
2/28/1991	74	-125	3	-45	150	105	65	-68	42	-126
3/31/1991	75	-2,039	16	-24	454	63	77	1,148	164	141
4/30/1991	76	-472	1	-178	162	116	63	404	-52	-44
5/31/1991	77	-90	1	-180	114	128	57	152	-53	-128
6/30/1991	78	114	1	-180	91	131	53	32	-60	-183
7/31/1991	79	176	1	-206	68	136	57	-30	-28	-174
8/31/1991	80	246	1	-205	64	140	57	-69	-38	-196
9/30/1991	81	295	1	-203	62	142	53	-89	-49	-211
10/31/1991	82	288	1	-203	63	148	56	-81	-44	-228
11/30/1991	83	270	1	-201	62	149	56	-62	-40	-235
12/31/1991	84	-305	5	-44	195	89	65	-18	70	-58
1/31/1992	85	-384	3	-60	129	88	63	167	18	-23
2/29/1992	86	-2,014	11	-29	350	45	63	1,269	166	139
3/31/1992	87	-1,922	7	-45	257	28	59	1,197	227	192
4/30/1992	88	-1,005	1	-214	105	79	48	926	134	-75
5/31/1992	89	-276	1	-224	76	87	48	364	108	-184
6/30/1992	90	8	1	-225	64	91	53	167	83	-241
7/31/1992	91	72	1	-215	59	83	64	84	66	-213
8/31/1992	92	157	1	-211	57	86	68	27	35	-219
9/30/1992	93	210	1	-205	56	88	67	-3	10	-223
10/31/1992	94	-185	3	-118	87	65	67	201	8	-129
11/30/1992	95	-203	1	-206	54	81	62	373	68	-229
12/31/1992	96	-1,277	5	-77	208	19	64	917	263	-122
1/31/1993	97	-1,921	9	-90	330	-18	66	1,265	334	24
2/28/1993	98	-1,793	9	-96	330	-41	60	1,148	288	95

Table C-11. Flow Budget for the UAS in Mound

(page 3 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Storage	Areal Recharge	Pumping from Wells	Mound Shallow Aquifer	Offshore Flux	Santa Paula UAS	Forebay UAS	Oxnard Plain UAS	Mound LAS
3/31/1993	99	-1,507	6	-104	237	-62	62	1,004	250	115
4/30/1993	100	-792	1	-247	115	-10	55	781	85	13
5/31/1993	101	-546	1	-240	87	-8	54	663	77	-87
6/30/1993	102	-295	1	-234	67	-5	48	503	54	-140
7/31/1993	103	-32	1	-220	53	-5	45	346	64	-251
8/31/1993	104	296	1	-219	47	0	43	84	17	-270
9/30/1993	105	220	1	-217	45	5	42	161	25	-281
10/31/1993	106	8	1	-218	44	4	46	353	76	-314
11/30/1993	107	-171	1	-204	37	2	47	470	127	-308
12/31/1993	108	-399	2	-94	78	-39	53	480	206	-288
1/31/1994	109	-165	0	-189	37	-4	56	466	93	-295
2/28/1994	110	-752	7	-37	231	-60	58	533	188	-167
3/31/1994	111	-586	3	-65	119	-69	97	494	158	-150
4/30/1994	112	-72	0	-187	47	-21	95	324	0	-186
5/31/1994	113	201	0	-188	37	-16	89	127	-33	-218
6/30/1994	114	366	0	-187	36	-8	57	27	-73	-219
7/31/1994	115	583	1	-236	52	9	53	-39	-52	-370
8/31/1994	116	625	1	-236	53	19	49	-71	-45	-395
9/30/1994	117	529	1	-236	54	27	52	-4	-21	-401
10/31/1994	118	378	1	-237	54	30	67	104	31	-429
11/30/1994	119	-57	2	-109	78	-12	91	202	117	-313
12/31/1994	120	-40	2	-140	67	-12	99	211	139	-325
1/31/1995	121	-1,696	21	-23	470	-98	119	920	175	112
2/28/1995	122	-859	2	-125	204	-64	95	653	94	-1
3/31/1995	123	-1,311	12	-30	340	-127	91	735	110	179
4/30/1995	124	-385	1	-238	143	-59	70	518	6	-58
5/31/1995	125	-377	2	-162	120	-75	60	484	19	-71
6/30/1995	126	-119	1	-240	85	-46	42	471	34	-227
7/31/1995	127	-107	1	-228	70	-49	39	469	70	-263
8/31/1995	128	-86	1	-228	56	-48	36	469	108	-309
9/30/1995	129	-37	1	-227	47	-41	34	440	120	-337
10/31/1995	130	-79	1	-228	45	-41	39	495	141	-372
11/30/1995	131	-38	1	-228	44	-35	41	458	140	-382
12/31/1995	132	-389	3	-74	111	-88	47	472	184	-266
1/31/1996	133	-253	2	-87	66	-86	68	411	137	-258
2/29/1996	134	-691	8	-30	245	-114	89	447	137	-90
3/31/1996	135	-456	3	-77	101	-112	103	470	101	-132
4/30/1996	136	-90	2	-137	60	-79	98	320	20	-194
5/31/1996	137	186	1	-175	42	-66	96	197	6	-287
6/30/1996	138	365	1	-174	41	-55	84	71	-24	-308
7/31/1996	139	619	1	-269	56	-31	72	-17	-20	-409
8/31/1996	140	716	1	-270	57	-19	57	-78	-28	-436
9/30/1996	141	751	1	-269	58	-7	45	-106	-38	-435
10/31/1996	142	202	2	-136	73	-47	41	141	35	-311
11/30/1996	143	-183	4	-73	124	-71	36	299	62	-197
12/31/1996	144	-703	7	-43	225	-103	38	551	90	-62
1/31/1997	145	-865	6	-35	205	-123	38	643	86	44
2/28/1997	146	-335	1	-184	63	-67	34	524	13	-49
3/31/1997	147	-203	1	-187	43	-72	41	474	27	-123

Table C-11. Flow Budget for the UAS in Mound

(page 4 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Pumping Mound								
		Storage	Areal Recharge	from Wells	Shallow Aquifer	Offshore Flux	Santa Paula UAS	Forebay UAS	Oxnard Plain UAS	Mound LAS
4/30/1997	148	58	1	-186	35	-64	42	273	-1	-158
5/31/1997	149	271	1	-186	32	-62	45	109	-30	-181
6/30/1997	150	411	1	-185	32	-52	44	-6	-61	-184
7/31/1997	151	622	1	-217	43	-31	45	-107	-157	-198
8/31/1997	152	653	1	-217	45	-23	43	-127	-173	-202
9/30/1997	153	585	1	-216	45	-14	39	-78	-157	-205
10/31/1997	154	549	1	-216	46	-11	43	-54	-144	-214
11/30/1997	155	112	4	-60	117	-63	43	-2	-36	-115
12/31/1997	156	-676	9	-28	269	-98	50	436	19	19
1/31/1998	157	-626	4	-69	164	-93	89	477	-4	59
2/28/1998	158	-1,490	26	-18	447	-142	129	694	-13	367
3/31/1998	159	-1,055	4	-73	286	-149	133	584	-91	360
4/30/1998	160	-749	3	-112	176	-133	129	565	-96	218
5/31/1998	161	-698	3	-90	164	-145	136	526	-60	165
6/30/1998	162	-72	1	-295	111	-61	117	375	-207	31
7/31/1998	163	-82	1	-189	71	-99	106	338	-37	-107
8/31/1998	164	61	1	-189	56	-94	106	244	-26	-159
9/30/1998	165	160	1	-188	44	-84	86	192	-18	-193
10/31/1998	166	71	1	-188	35	-83	95	295	5	-231
11/30/1998	167	-188	2	-113	49	-97	83	411	56	-203
12/31/1998	168	-155	1	-178	27	-88	98	454	105	-264
1/31/1999	169	-337	3	-55	93	-118	119	386	111	-203
2/28/1999	170	-1	2	-130	49	-76	122	290	45	-301
3/31/1999	171	-291	4	-45	123	-124	142	271	100	-180
4/30/1999	172	-237	3	-49	99	-124	139	250	63	-145
5/31/1999	173	262	1	-155	40	-86	108	147	5	-322
6/30/1999	174	420	1	-155	39	-71	75	61	-7	-363
7/31/1999	175	506	1	-166	35	-65	55	-2	-41	-324
8/31/1999	176	592	1	-165	35	-57	47	-65	-65	-324
9/30/1999	177	599	1	-164	36	-47	38	-68	-72	-323
10/31/1999	178	578	1	-164	37	-44	38	-45	-69	-332
11/30/1999	179	392	2	-101	52	-58	34	-35	-41	-245
12/31/1999	180	571	1	-163	38	-37	40	-69	-82	-299
1/31/2000	181	331	3	-88	85	-57	45	-50	-37	-231
2/29/2000	182	-525	11	-25	289	-94	48	300	-8	4
3/31/2000	183	-518	3	-65	145	-96	95	450	1	-15
4/30/2000	184	-615	4	-54	149	-102	112	485	20	0
5/31/2000	185	189	1	-231	87	-40	111	236	-42	-312
6/30/2000	186	493	1	-232	75	-18	65	69	-42	-410
7/31/2000	187	476	1	-172	44	-27	53	-3	-61	-310
8/31/2000	188	542	1	-171	41	-21	47	-55	-78	-305
9/30/2000	189	486	1	-170	41	-12	44	-12	-67	-310
10/31/2000	190	121	2	-93	61	-38	44	151	-15	-232
11/30/2000	191	221	1	-170	41	-10	42	205	-19	-310
12/31/2000	192	292	1	-171	42	-4	44	146	-8	-342
1/31/2001	193	-614	8	-33	241	-74	49	430	99	-107
2/28/2001	194	-847	8	-30	251	-86	72	526	93	13
3/31/2001	195	-1,183	8	-32	246	-118	83	783	103	110
4/30/2001	196	-599	2	-132	111	-82	76	655	60	-91

Table C-11. Flow Budget for the UAS in Mound

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Storage	Areal Recharge	Pumping from Wells	Mound Shallow Aquifer	Offshore Flux	Santa Paula UAS	Forebay UAS	Oxnard Plain UAS	Mound LAS
5/31/2001	197	-35	1	-228	83	-44	85	423	22	-308
6/30/2001	198	295	1	-228	69	-27	73	199	12	-394
7/31/2001	199	358	1	-162	47	-42	49	65	-16	-300
8/31/2001	200	473	1	-160	41	-37	46	-22	-50	-292
9/30/2001	201	416	1	-159	40	-29	41	34	-48	-295
10/31/2001	202	231	1	-160	40	-28	41	207	-11	-320
11/30/2001	203	-353	4	-43	137	-76	41	363	93	-165
12/31/2001	204	-319	2	-82	65	-74	49	441	112	-193
1/31/2002	205	-242	1	-94	45	-68	94	359	94	-190
2/28/2002	206	64	1	-135	26	-42	69	222	43	-248
3/31/2002	207	238	1	-136	26	-43	56	117	26	-286
4/30/2002	208	357	1	-135	26	-35	53	21	-7	-281
5/31/2002	209	440	1	-135	27	-32	53	-39	-32	-283
6/30/2002	210	476	1	-134	28	-24	47	-70	-53	-272
7/31/2002	211	604	1	-196	43	-1	46	-92	-54	-351
8/31/2002	212	621	1	-197	44	9	45	-107	-51	-365
9/30/2002	213	542	1	-196	45	16	46	-51	-32	-371
10/31/2002	214	545	1	-197	46	21	49	-57	-20	-389
11/30/2002	215	-378	7	-32	193	-43	51	297	48	-143
12/31/2002	216	-394	4	-40	167	-58	56	283	15	-34
1/31/2003	217	320	1	-264	63	1	74	53	-70	-178
2/28/2003	218	-597	6	-40	196	-53	66	411	48	-38
3/31/2003	219	-740	4	-58	153	-71	116	513	72	11
4/30/2003	220	-311	2	-219	70	-27	128	447	36	-124
5/31/2003	221	-474	2	-115	71	-53	134	469	113	-147
6/30/2003	222	202	1	-268	45	-9	110	153	26	-260
7/31/2003	223	430	1	-334	40	-5	99	7	32	-270
8/31/2003	224	555	1	-334	40	4	71	-69	9	-277
9/30/2003	225	598	1	-330	41	13	55	-93	-10	-275
10/31/2003	226	592	1	-332	42	20	55	-87	-10	-282
11/30/2003	227	189	3	-117	87	-16	53	-42	-8	-150
12/31/2003	228	133	2	-144	67	-19	56	27	4	-126
1/31/2004	229	332	1	-410	40	20	90	39	14	-127
2/29/2004	230	-798	7	-49	222	-42	84	518	80	-23
3/31/2004	231	-67	1	-373	66	-3	69	302	64	-58
4/30/2004	232	221	1	-417	49	15	56	136	50	-110
5/31/2004	233	370	1	-418	43	23	53	35	37	-144
6/30/2004	234	456	1	-417	43	31	47	-24	20	-157
7/31/2004	235	528	1	-340	42	41	45	-76	-86	-156
8/31/2004	236	595	1	-340	42	48	44	-117	-115	-157
9/30/2004	237	613	1	-339	43	55	42	-128	-132	-154
10/31/2004	238	-545	7	-56	186	-16	45	410	17	-48
11/30/2004	239	352	1	-338	59	37	43	15	-113	-55
12/31/2004	240	-906	7	-46	229	-33	49	619	32	49
1/31/2005	241	-1,588	13	-27	355	-78	51	954	70	251
2/28/2005	242	-1,415	10	-29	298	-92	45	838	49	295
3/31/2005	243	-1,210	4	-72	183	-103	66	846	55	232
4/30/2005	244	-750	2	-207	117	-66	67	802	60	-25
5/31/2005	245	-459	2	-292	96	-35	70	776	60	-217

Table C-11. Flow Budget for the UAS in Mound

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Pumping Mound								Mound LAS
		Storage	Areal Recharge	from Wells	Shallow Aquifer	Offshore Flux	Santa Paula UAS	Forebay UAS	Oxnard Plain UAS	
6/30/2005	246	-253	2	-293	80	-23	50	684	86	-333
7/31/2005	247	-284	1	-229	56	-44	47	632	188	-368
8/31/2005	248	-103	1	-229	44	-43	47	493	189	-398
9/30/2005	249	-139	1	-228	38	-39	45	540	204	-422
10/31/2005	250	-368	2	-119	56	-67	47	591	224	-366
11/30/2005	251	-41	1	-227	35	-42	47	452	199	-425
12/31/2005	252	57	1	-222	35	-40	52	384	200	-466
1/31/2006	253	-356	4	-128	130	-73	67	474	198	-315
2/28/2006	254	-303	4	-130	117	-71	70	402	159	-248
3/31/2006	255	-585	4	-105	145	-97	82	574	188	-206
4/30/2006	256	-729	5	-88	166	-110	90	622	172	-130
5/31/2006	257	-297	3	-223	91	-85	94	537	93	-213
6/30/2006	258	324	2	-509	80	-18	74	439	81	-473
7/31/2006	259	156	1	-290	43	-50	56	369	140	-426
8/31/2006	260	287	1	-288	41	-50	49	254	129	-424
9/30/2006	261	288	1	-287	40	-42	45	252	125	-422
10/31/2006	262	277	1	-287	40	-41	47	275	125	-436
11/30/2006	263	305	1	-286	40	-34	45	240	116	-427
12/31/2006	264	188	2	-246	47	-42	48	234	141	-372
1/31/2007	265	-29	3	-156	92	-70	50	202	141	-233
2/28/2007	266	105	2	-313	56	-38	47	216	127	-203
3/31/2007	267	401	1	-531	45	0	54	137	114	-221
4/30/2007	268	214	2	-275	57	-37	52	77	120	-210
5/31/2007	269	569	1	-529	46	10	53	-18	66	-198
6/30/2007	270	645	1	-528	47	24	50	-83	40	-196
7/31/2007	271	643	1	-286	45	-2	50	-132	3	-323
8/31/2007	272	643	1	-285	46	4	48	-135	-8	-314
9/30/2007	273	547	1	-283	46	11	45	-63	2	-307
10/31/2007	274	473	1	-284	47	15	44	-1	20	-317
11/30/2007	275	472	1	-283	48	22	43	-11	20	-311
12/31/2007	276	8	3	-84	111	-26	48	55	38	-153
1/31/2008	277	-1,018	11	-28	284	-70	53	643	41	85
2/29/2008	278	-619	2	-109	107	-57	50	560	14	52
3/31/2008	279	-361	1	-285	68	-24	59	633	0	-92
4/30/2008	280	-181	1	-287	54	-14	52	517	40	-183
5/31/2008	281	159	1	-288	48	-10	54	238	35	-237
6/30/2008	282	347	1	-287	46	-2	52	82	19	-257
7/31/2008	283	460	1	-271	46	10	52	-23	51	-326
8/31/2008	284	550	1	-270	47	17	50	-90	27	-333
9/30/2008	285	558	1	-268	48	25	47	-96	17	-331
10/31/2008	286	467	1	-269	49	29	49	-11	29	-344
11/30/2008	287	-51	3	-87	98	-17	49	138	58	-190
12/31/2008	288	-130	3	-91	92	-28	53	167	71	-137
1/31/2009	289	98	1	-166	38	-1	55	153	63	-241
2/28/2009	290	-765	6	-30	175	-44	60	552	126	-81
3/31/2009	291	-393	1	-169	53	-16	86	530	129	-220
4/30/2009	292	82	1	-169	39	-7	71	150	95	-261
5/31/2009	293	288	1	-169	36	-3	61	2	65	-282
6/30/2009	294	398	1	-167	36	4	57	-79	30	-279

Table C-11. Flow Budget for the UAS in Mound

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Storage	Areal Recharge	Pumping from Wells	Mound Shallow Aquifer	Offshore Flux	Santa Paula UAS	Forebay UAS	Oxnard Plain UAS	Mound LAS
7/31/2009	295	590	1	-359	54	30	56	-133	16	-255
8/31/2009	296	632	1	-358	55	40	54	-164	-3	-256
9/30/2009	297	657	1	-357	56	48	50	-186	-20	-250
10/31/2009	298	262	2	-153	82	16	52	-76	-51	-134
11/30/2009	299	549	1	-354	57	50	49	-111	-52	-190
12/31/2009	300	-354	4	-94	123	-3	53	336	14	-78
1/31/2010	301	-928	7	-63	223	-33	56	625	39	73
2/28/2010	302	-816	5	-85	171	-38	52	550	52	110
3/31/2010	303	-399	1	-550	75	34	58	575	114	92
4/30/2010	304	-554	3	-222	82	-15	70	515	123	-1
5/31/2010	305	130	1	-551	51	38	66	146	122	-2
6/30/2010	306	339	1	-550	47	50	58	-9	103	-38
7/31/2010	307	451	1	-288	46	24	59	-91	-27	-175
8/31/2010	308	529	1	-287	46	31	59	-132	-68	-179
9/30/2010	309	568	1	-285	46	39	57	-157	-93	-176
10/31/2010	310	68	3	-82	99	-10	61	-35	-4	-99
11/30/2010	311	147	2	-203	59	11	59	63	-20	-118
12/31/2010	312	-1,161	10	-29	283	-49	84	703	95	64
1/31/2011	313	-288	1	-288	82	-7	103	340	25	33
2/28/2011	314	-838	3	-78	117	-42	99	617	93	29
3/31/2011	315	-1,265	5	-51	178	-74	126	855	149	76
4/30/2011	316	-725	1	-293	59	-33	114	763	126	-12
5/31/2011	317	-445	1	-296	45	-29	107	585	127	-95
6/30/2011	318	-188	1	-296	38	-24	90	415	106	-141
7/31/2011	319	139	1	-212	39	-26	80	153	57	-230
8/31/2011	320	333	1	-211	39	-22	65	15	22	-242
9/30/2011	321	377	1	-209	39	-16	49	-4	4	-242
10/31/2011	322	43	2	-97	61	-44	63	114	46	-189
11/30/2011	323	-114	2	-84	67	-52	84	187	63	-154
12/31/2011	324	138	1	-208	38	-24	88	151	24	-208
1/31/2012	325	-11	2	-139	64	-47	105	113	89	-177
2/29/2012	326	326	1	-335	45	-4	91	36	67	-227
3/31/2012	327	-270	3	-103	90	-48	98	277	104	-150
4/30/2012	328	-336	3	-105	85	-55	98	325	94	-109
5/31/2012	329	311	1	-336	46	-13	88	41	55	-192
6/30/2012	330	465	1	-335	46	1	62	-60	46	-224
7/31/2012	331	532	1	-224	46	2	52	-118	-16	-274
8/31/2012	332	591	1	-223	47	8	50	-157	-45	-272
9/30/2012	333	596	1	-222	48	16	47	-158	-59	-268
10/31/2012	334	512	1	-222	48	20	47	-86	-43	-277
11/30/2012	335	286	2	-121	62	-4	46	-65	-11	-195
12/31/2012	336	67	4	-65	104	-24	49	-29	-17	-89
1/31/2013	337	155	2	-115	51	-13	51	-18	-16	-97
2/28/2013	338	296	1	-175	35	10	49	-37	-30	-150
3/31/2013	339	217	2	-115	50	-2	57	-53	-17	-137
4/30/2013	340	352	1	-175	36	17	57	-81	-43	-164
5/31/2013	341	392	1	-176	37	24	59	-107	-51	-179
6/30/2013	342	410	1	-175	37	30	55	-119	-58	-182
7/31/2013	343	480	1	-262	44	41	58	-136	-69	-156

Table C-11. Flow Budget for the UAS in Mound

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Pumping		Mound						
		Areal Storage	Recharge	from Wells	Shallow Aquifer	Offshore Flux	Santa Paula UAS	Forebay UAS	Oxnard Plain UAS	Mound LAS
8/31/2013	344	490	1	-262	45	47	60	-150	-75	-155
9/30/2013	345	489	1	-261	45	52	59	-154	-78	-154
10/31/2013	346	497	1	-261	46	58	62	-161	-79	-162
11/30/2013	347	483	1	-260	47	62	60	-153	-77	-163
12/31/2013	348	482	1	-260	48	68	62	-154	-78	-168
1/31/2014	349	486	1	-166	53	71	61	-152	-88	-266
2/28/2014	350	19	4	-33	157	26	57	-113	-62	-54
3/31/2014	351	-648	3	-88	82	34	61	671	-19	-95
4/30/2014	352	266	1	-167	56	61	58	-8	-56	-210
5/31/2014	353	425	1	-168	55	70	57	-125	-61	-255
6/30/2014	354	473	1	-167	55	76	52	-153	-64	-273
7/31/2014	355	497	1	-277	49	94	52	-156	-84	-176
8/31/2014	356	492	1	-276	49	98	52	-151	-93	-173
9/30/2014	357	481	1	-275	50	101	51	-140	-94	-174
10/31/2014	358	471	1	-275	51	107	55	-137	-89	-183
11/30/2014	359	285	2	-154	69	83	55	-122	-76	-141
12/31/2014	360	-142	5	-47	172	49	58	-50	-40	-6
1/31/2015	361	-17	2	-76	81	52	58	-34	-43	-23
2/28/2015	362	231	1	-161	50	73	53	-45	-73	-128
3/31/2015	363	255	1	-163	50	85	60	-62	-65	-161
4/30/2015	364	267	1	-163	49	88	62	-70	-58	-175
5/31/2015	365	271	1	-163	50	94	65	-73	-57	-187
6/30/2015	366	280	1	-163	50	95	62	-76	-56	-192
7/31/2015	367	249	1	-166	47	107	62	-83	-87	-130
8/31/2015	368	255	1	-165	47	109	59	-85	-96	-124
9/30/2015	369	219	0	-133	42	101	55	-83	-104	-99
10/31/2015	370	263	1	-163	48	112	55	-87	-110	-119
11/30/2015	371	268	1	-163	48	113	53	-84	-108	-127
12/31/2015	372	267	1	-163	48	118	54	-83	-110	-133
monthly average		25	2	-184	87	1	70	177	8	-187
annual average		303	26	-2,208	1,050	15	843	2,122	94	-2,246

Table C-12. Flow Budget for the LAS in Mound

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Mountain-Storage	Front Recharge	Areal Recharge	MNW2	Mound UAS	Santa Paula LAS	Forebay LAS	Oxnard Plain LAS	Offshore Flux
1/31/1985	1	-1,048	86	9	-202	811	391	-24	-19	-3
2/28/1985	2	-730	195	14	-120	468	254	-20	-40	-20
3/31/1985	3	-441	129	11	-174	356	248	-22	-87	-20
4/30/1985	4	54	0	4	-384	279	223	-19	-157	1
5/31/1985	5	103	0	4	-384	257	215	-22	-177	4
6/30/1985	6	172	0	4	-385	217	199	-24	-192	9
7/31/1985	7	241	0	4	-578	323	203	-19	-184	9
8/31/1985	8	249	0	4	-579	315	203	-18	-188	14
9/30/1985	9	274	0	4	-581	295	197	-18	-191	20
10/31/1985	10	273	0	4	-581	288	212	-19	-200	23
11/30/1985	11	-935	839	30	-78	125	195	-27	-128	-20
12/31/1985	12	365	0	4	-551	165	214	-19	-187	10
1/31/1986	13	-690	703	26	-153	81	204	-25	-125	-22
2/28/1986	14	-1,525	1,608	56	-64	-54	168	-26	-115	-47
3/31/1986	15	-850	1,091	37	-108	-120	179	-29	-135	-65
4/30/1986	16	85	285	17	-273	-49	172	-25	-159	-52
5/31/1986	17	863	0	6	-934	123	197	-18	-236	-2
6/30/1986	18	740	0	6	-932	210	206	-17	-226	13
7/31/1986	19	263	0	3	-397	151	217	-25	-204	-9
8/31/1986	20	277	0	3	-398	147	216	-26	-213	-7
9/30/1986	21	-16	95	10	-196	111	209	-28	-165	-20
10/31/1986	22	304	0	3	-401	131	210	-25	-220	-3
11/30/1986	23	-21	108	11	-189	102	199	-27	-169	-14
12/31/1986	24	297	0	3	-402	127	212	-24	-217	3
1/31/1987	25	-232	270	15	-198	110	215	-26	-137	-17
2/28/1987	26	-118	207	15	-220	78	195	-22	-123	-13
3/31/1987	27	-249	301	16	-189	73	219	-24	-125	-23
4/30/1987	28	494	0	5	-660	134	214	-18	-186	17
5/31/1987	29	457	0	5	-658	170	218	-20	-197	26
6/30/1987	30	455	0	5	-658	184	210	-22	-206	32
7/31/1987	31	416	0	4	-578	193	219	-24	-267	37
8/31/1987	32	416	0	4	-578	201	221	-26	-279	41
9/30/1987	33	416	0	4	-579	205	216	-26	-282	46
10/31/1987	34	-171	208	13	-214	160	221	-31	-200	13
11/30/1987	35	101	75	10	-340	153	217	-26	-211	20
12/31/1987	36	-704	720	25	-104	48	217	-31	-168	-3
1/31/1988	37	-281	385	17	-195	37	223	-27	-154	-5
2/29/1988	38	57	155	13	-351	85	210	-19	-156	6
3/31/1988	39	425	0	5	-712	224	229	-14	-188	31
4/30/1988	40	-661	590	22	-132	109	213	-22	-110	-8
5/31/1988	41	445	0	5	-730	234	229	-14	-196	27
6/30/1988	42	392	0	5	-729	276	226	-14	-192	37
7/31/1988	43	339	0	4	-738	305	233	-19	-172	47
8/31/1988	44	330	0	4	-738	325	227	-20	-179	52
9/30/1988	45	338	0	4	-741	334	211	-20	-182	56
10/31/1988	46	325	0	4	-740	348	213	-21	-190	61
11/30/1988	47	87	44	9	-473	265	213	-24	-168	47
12/31/1988	48	-757	683	23	-140	131	213	-28	-137	11
1/31/1989	49	394	0	3	-554	216	226	-23	-305	44

Table C-12. Flow Budget for the LAS in Mound

(page 2 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Mountain-Storage	Front Recharge	Areal Recharge	MNW2	Mound UAS	Santa Paula LAS	Forebay LAS	Oxnard Plain LAS	Offshore Flux
2/28/1989	50	-559	532	21	-117	86	203	-25	-152	11
3/31/1989	51	250	22	8	-391	135	231	-25	-262	33
4/30/1989	52	388	0	3	-554	213	219	-21	-295	48
5/31/1989	53	343	0	3	-553	251	223	-23	-300	55
6/30/1989	54	330	0	4	-553	269	213	-22	-300	58
7/31/1989	55	352	0	4	-681	292	219	-19	-238	71
8/31/1989	56	334	0	4	-686	306	220	-19	-234	75
9/30/1989	57	329	0	4	-693	309	220	-18	-230	78
10/31/1989	58	306	0	4	-695	321	233	-19	-233	83
11/30/1989	59	313	0	4	-700	322	222	-18	-229	86
12/31/1989	60	298	0	4	-700	330	228	-19	-233	91
1/31/1990	61	-303	273	15	-264	201	221	-25	-177	59
2/28/1990	62	-156	231	14	-283	133	208	-22	-178	54
3/31/1990	63	484	0	5	-838	305	246	-12	-283	93
4/30/1990	64	420	0	5	-838	350	252	-11	-277	99
5/31/1990	65	263	0	4	-660	320	269	-18	-276	98
6/30/1990	66	387	0	5	-839	379	262	-13	-287	106
7/31/1990	67	216	0	4	-675	343	267	-18	-244	107
8/31/1990	68	229	0	4	-676	334	265	-19	-245	109
9/30/1990	69	244	0	4	-678	327	254	-18	-242	109
10/31/1990	70	231	0	4	-678	330	264	-20	-247	115
11/30/1990	71	247	0	4	-680	318	257	-19	-242	115
12/31/1990	72	227	0	4	-681	324	271	-20	-246	121
1/31/1991	73	3	45	10	-490	263	277	-21	-195	108
2/28/1991	74	-589	442	19	-150	126	244	-26	-138	71
3/31/1991	75	-2,954	2,950	94	-18	-141	222	-35	-145	27
4/30/1991	76	567	0	4	-680	44	225	-12	-218	64
5/31/1991	77	451	0	4	-678	128	233	-11	-215	75
6/30/1991	78	384	0	4	-678	183	231	-9	-210	80
7/31/1991	79	291	0	4	-624	174	246	-17	-178	82
8/31/1991	80	265	0	4	-625	196	246	-18	-176	86
9/30/1991	81	253	0	4	-627	211	236	-17	-172	88
10/31/1991	82	220	0	4	-627	228	251	-18	-176	94
11/30/1991	83	210	0	4	-629	235	249	-16	-171	95
12/31/1991	84	-948	815	27	-92	58	250	-31	-138	56
1/31/1992	85	-353	381	17	-216	23	241	-28	-121	54
2/29/1992	86	-1,993	2,023	66	-42	-139	201	-27	-106	16
3/31/1992	87	-1,051	1,214	38	-83	-192	198	-26	-98	1
4/30/1992	88	542	0	4	-792	75	199	-9	-58	39
5/31/1992	89	391	0	4	-782	184	211	-9	-47	48
6/30/1992	90	312	0	4	-781	241	220	-8	-41	53
7/31/1992	91	134	0	3	-577	213	241	-9	-55	50
8/31/1992	92	137	0	3	-581	219	242	-10	-64	53
9/30/1992	93	145	0	3	-586	223	237	-10	-68	56
10/31/1992	94	-268	185	14	-232	129	237	-19	-85	40
11/30/1992	95	148	0	3	-585	229	225	-8	-65	53
12/31/1992	96	-1,141	876	30	-39	122	215	-18	-56	11
1/31/1993	97	-1,993	1,837	57	48	-24	187	-20	-70	-23
2/28/1993	98	-1,748	1,724	59	55	-95	149	-21	-77	-44

Table C-12. Flow Budget for the LAS in Mound

(page 3 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Mountain-Storage	Front Recharge	Areal Recharge	MNW2	Mound UAS	Santa Paula LAS	Forebay LAS	Oxnard Plain LAS	Offshore Flux
3/31/1993	99	-958	1,041	35	31	-115	156	-25	-105	-61
4/30/1993	100	377	0	4	-274	-13	158	-17	-209	-26
5/31/1993	101	276	0	4	-281	87	167	-20	-213	-21
6/30/1993	102	219	0	4	-274	140	159	-20	-212	-16
7/31/1993	103	252	0	3	-498	251	163	-20	-138	-12
8/31/1993	104	229	0	3	-499	270	163	-20	-139	-7
9/30/1993	105	211	0	3	-501	281	157	-17	-133	-2
10/31/1993	106	155	0	3	-500	314	171	-16	-126	-1
11/30/1993	107	75	0	3	-438	308	171	-16	-102	-1
12/31/1993	108	-347	175	12	-179	288	179	-20	-84	-25
1/31/1994	109	98	0	3	-454	295	181	-15	-103	-5
2/28/1994	110	-1,336	1,158	41	-39	167	153	-22	-76	-45
3/31/1994	111	-359	300	16	-117	150	176	-24	-91	-51
4/30/1994	112	248	0	3	-456	186	175	-17	-118	-21
5/31/1994	113	213	0	3	-455	218	186	-19	-129	-17
6/30/1994	114	221	0	3	-456	219	179	-19	-135	-12
7/31/1994	115	426	0	5	-766	370	186	-15	-207	3
8/31/1994	116	389	0	5	-766	395	189	-15	-206	11
9/30/1994	117	362	0	5	-767	401	196	-14	-199	16
10/31/1994	118	309	0	5	-765	429	212	-13	-195	19
11/30/1994	119	-207	142	12	-311	313	202	-19	-124	-8
12/31/1994	120	-42	77	10	-424	325	211	-15	-135	-7
1/31/1995	121	-4,111	4,227	128	-13	-112	139	-33	-134	-92
2/28/1995	122	373	117	12	-384	1	140	-22	-175	-61
3/31/1995	123	-1,822	2,146	73	-35	-179	123	-35	-155	-115
4/30/1995	124	836	0	5	-727	58	130	-20	-220	-62
5/31/1995	125	349	124	11	-409	71	137	-26	-188	-69
6/30/1995	126	619	0	5	-724	227	136	-17	-202	-44
7/31/1995	127	389	0	4	-562	263	142	-16	-175	-44
8/31/1995	128	319	0	4	-562	309	143	-14	-158	-40
9/30/1995	129	274	0	4	-563	337	138	-12	-145	-33
10/31/1995	130	218	0	4	-562	372	152	-12	-140	-31
11/30/1995	131	195	0	4	-562	382	152	-10	-134	-26
12/31/1995	132	-588	461	19	-133	266	152	-21	-92	-63
1/31/1996	133	-138	145	13	-247	258	154	-18	-106	-61
2/29/1996	134	-1,507	1,491	47	-42	90	123	-24	-90	-87
3/31/1996	135	-37	221	14	-249	132	139	-20	-118	-84
4/30/1996	136	295	13	9	-429	194	141	-16	-145	-60
5/31/1996	137	360	0	4	-588	287	151	-12	-153	-50
6/30/1996	138	332	0	4	-588	308	150	-12	-153	-41
7/31/1996	139	500	0	6	-831	409	159	-9	-210	-24
8/31/1996	140	468	0	6	-831	436	161	-10	-215	-15
9/30/1996	141	467	0	6	-831	435	157	-9	-217	-6
10/31/1996	142	-97	182	13	-357	311	159	-20	-157	-33
11/30/1996	143	-453	476	21	-177	197	143	-22	-132	-52
12/31/1996	144	-1,242	1,328	42	-81	62	127	-26	-128	-80
1/31/1997	145	-1,027	1,208	39	-33	-44	113	-28	-129	-99
2/28/1997	146	443	0	3	-358	49	112	-18	-173	-58
3/31/1997	147	353	0	3	-355	123	135	-20	-180	-59

Table C-12. Flow Budget for the LAS in Mound

(page 4 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Mountain-		Areal Recharge	MNW2	Mound UAS	Santa Paula LAS	Forebay LAS	Oxnard Plain LAS	Offshore Flux
		Storage	Front Recharge							
4/30/1997	148	306	0	3	-355	158	139	-20	-179	-51
5/31/1997	149	280	0	3	-355	181	150	-21	-188	-49
6/30/1997	150	275	0	3	-356	184	148	-21	-190	-41
7/31/1997	151	380	0	4	-431	198	154	-21	-254	-29
8/31/1997	152	379	0	4	-431	202	153	-22	-262	-23
9/30/1997	153	372	0	4	-432	205	147	-21	-258	-17
10/31/1997	154	353	0	4	-431	214	162	-22	-264	-15
11/30/1997	155	-454	509	22	-96	115	149	-27	-169	-49
12/31/1997	156	-1,303	1,419	52	-26	-19	141	-30	-154	-80
1/31/1998	157	-419	697	24	-85	-59	146	-28	-197	-80
2/28/1998	158	-3,787	4,269	155	-4	-367	84	-36	-178	-134
3/31/1998	159	54	707	25	-95	-360	104	-37	-257	-142
4/30/1998	160	448	215	15	-154	-218	116	-31	-269	-124
5/31/1998	161	89	420	18	-110	-165	133	-33	-224	-128
6/30/1998	162	883	0	6	-454	-31	135	-22	-444	-74
7/31/1998	163	542	0	3	-429	107	143	-25	-257	-84
8/31/1998	164	463	0	3	-430	159	148	-22	-243	-77
9/30/1998	165	403	0	3	-431	193	150	-20	-232	-67
10/31/1998	166	347	0	3	-431	231	160	-19	-227	-63
11/30/1998	167	61	81	9	-241	203	151	-21	-172	-71
12/31/1998	168	220	0	3	-390	264	160	-17	-178	-62
1/31/1999	169	-361	373	17	-212	203	159	-18	-76	-85
2/28/1999	170	334	2	9	-692	301	158	0	-56	-55
3/31/1999	171	-626	603	22	-171	180	164	-18	-68	-89
4/30/1999	172	-294	361	18	-208	145	156	-17	-71	-89
5/31/1999	173	490	0	4	-867	322	166	5	-58	-62
6/30/1999	174	429	0	4	-866	363	161	7	-48	-50
7/31/1999	175	325	0	4	-645	324	164	-6	-120	-46
8/31/1999	176	339	0	4	-645	324	158	-7	-133	-40
9/30/1999	177	347	0	4	-646	323	149	-7	-137	-33
10/31/1999	178	336	0	4	-646	332	156	-7	-144	-30
11/30/1999	179	76	65	9	-365	245	144	-14	-120	-40
12/31/1999	180	370	0	4	-648	299	160	-7	-153	-26
1/31/2000	181	-73	233	15	-389	231	162	-13	-126	-40
2/29/2000	182	-1,728	1,837	65	-75	-4	126	-23	-120	-76
3/31/2000	183	-76	409	19	-282	15	147	-19	-135	-78
4/30/2000	184	-377	668	24	-230	0	140	-19	-125	-82
5/31/2000	185	906	0	6	-1,186	312	164	8	-171	-38
6/30/2000	186	767	0	6	-1,184	410	170	10	-158	-21
7/31/2000	187	411	0	4	-714	310	178	-7	-155	-26
8/31/2000	188	416	0	4	-716	305	179	-8	-159	-21
9/30/2000	189	404	0	4	-717	310	174	-7	-155	-14
10/31/2000	190	11	124	11	-369	232	175	-15	-137	-31
11/30/2000	191	396	0	4	-717	310	173	-5	-151	-11
12/31/2000	192	347	0	4	-716	342	182	-5	-149	-6
1/31/2001	193	-1,426	1,379	50	-95	107	159	-21	-94	-58
2/28/2001	194	-1,182	1,291	49	-86	-13	131	-21	-96	-73
3/31/2001	195	-1,273	1,543	50	-94	-110	127	-25	-116	-102
4/30/2001	196	477	120	12	-650	91	139	-8	-110	-72

Table C-12. Flow Budget for the LAS in Mound

(page 5 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Mountain-Storage	Front Recharge	Areal Recharge	MNW2	Mound UAS	Santa Paula LAS	Forebay LAS	Oxnard Plain LAS	Offshore Flux
5/31/2001	197	797	0	5	-1,131	308	161	7	-104	-43
6/30/2001	198	676	0	5	-1,130	394	169	9	-95	-28
7/31/2001	199	308	0	3	-640	300	176	-4	-105	-38
8/31/2001	200	330	0	3	-642	292	172	-5	-116	-33
9/30/2001	201	331	0	3	-643	295	159	-4	-115	-26
10/31/2001	202	298	0	3	-642	320	162	-3	-114	-24
11/30/2001	203	-783	745	25	-116	165	138	-19	-98	-57
12/31/2001	204	-39	145	12	-305	193	154	-12	-92	-55
1/31/2002	205	36	53	8	-277	190	165	-14	-112	-49
2/28/2002	206	253	0	3	-496	248	154	-6	-125	-30
3/31/2002	207	210	0	3	-495	286	172	-8	-137	-30
4/30/2002	208	217	0	3	-496	281	168	-8	-141	-24
5/31/2002	209	219	0	3	-496	283	171	-9	-149	-21
6/30/2002	210	239	0	3	-497	272	159	-9	-150	-16
7/31/2002	211	408	0	4	-750	351	165	-3	-175	1
8/31/2002	212	386	0	4	-750	365	173	-4	-180	7
9/30/2002	213	371	0	4	-750	371	175	-3	-181	12
10/31/2002	214	352	0	4	-750	389	185	-5	-190	16
11/30/2002	215	-1,171	1,109	39	-80	143	155	-25	-137	-34
12/31/2002	216	-759	881	27	-113	34	156	-27	-150	-48
1/31/2003	217	681	0	4	-712	178	167	-11	-297	-11
2/28/2003	218	-885	936	37	-75	38	144	-24	-125	-46
3/31/2003	219	-575	750	25	-118	-11	157	-25	-139	-62
4/30/2003	220	511	1	9	-544	124	167	-12	-226	-31
5/31/2003	221	-9	175	12	-289	147	177	-16	-152	-44
6/30/2003	222	524	0	5	-708	260	178	-5	-239	-15
7/31/2003	223	407	0	4	-764	270	197	-2	-104	-9
8/31/2003	224	390	0	4	-764	277	196	0	-100	-3
9/30/2003	225	385	0	4	-768	275	197	1	-99	5
10/31/2003	226	361	0	4	-765	282	208	1	-101	10
11/30/2003	227	-384	397	17	-249	150	195	-14	-97	-14
12/31/2003	228	-73	179	12	-318	126	200	-13	-98	-16
1/31/2004	229	407	0	4	-670	127	211	-1	-87	8
2/29/2004	230	-1,294	1,238	44	-56	23	177	-18	-78	-36
3/31/2004	231	430	0	3	-594	58	204	-3	-86	-11
4/30/2004	232	440	0	4	-677	110	198	2	-79	3
5/31/2004	233	397	0	4	-676	144	203	1	-82	9
6/30/2004	234	385	0	4	-677	157	196	1	-82	15
7/31/2004	235	325	0	4	-471	156	198	-2	-231	20
8/31/2004	236	345	0	4	-471	157	197	-5	-252	25
9/30/2004	237	360	0	4	-472	154	192	-6	-263	30
10/31/2004	238	-1,223	1,218	39	-56	48	169	-25	-151	-19
11/30/2004	239	509	0	4	-473	55	171	-7	-272	13
12/31/2004	240	-1,424	1,531	46	-39	-49	156	-28	-156	-37
1/31/2005	241	-2,417	2,790	77	-31	-251	114	-32	-168	-82
2/28/2005	242	-1,295	1,766	61	-42	-295	93	-30	-162	-95
3/31/2005	243	-85	667	22	-150	-232	115	-29	-206	-101
4/30/2005	244	729	22	10	-554	25	126	-11	-278	-69
5/31/2005	245	776	0	6	-749	217	147	-4	-349	-44

Table C-12. Flow Budget for the LAS in Mound

(page 6 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Mountain-Storage	Front Recharge	Areal Recharge	MNW2	Mound UAS	Santa Paula LAS	Forebay LAS	Oxnard Plain LAS	Offshore Flux
6/30/2005	246	624	0	6	-747	333	152	-3	-335	-31
7/31/2005	247	289	0	4	-526	368	162	-12	-246	-38
8/31/2005	248	245	0	4	-527	398	163	-11	-237	-35
9/30/2005	249	208	0	4	-528	422	159	-9	-226	-29
10/31/2005	250	-174	95	10	-247	366	160	-17	-145	-47
11/30/2005	251	181	0	4	-511	425	158	-8	-220	-28
12/31/2005	252	138	0	4	-523	466	169	-8	-220	-25
1/31/2006	253	-798	724	23	-216	315	161	-22	-134	-52
2/28/2006	254	-390	418	20	-236	248	140	-20	-129	-52
3/31/2006	255	-744	763	26	-184	206	145	-22	-118	-72
4/30/2006	256	-857	925	33	-144	130	129	-23	-110	-84
5/31/2006	257	208	156	14	-424	213	141	-22	-220	-67
6/30/2006	258	870	0	8	-1,108	473	150	-10	-362	-20
7/31/2006	259	250	0	4	-544	426	159	-9	-249	-38
8/31/2006	260	254	0	4	-545	424	159	-8	-250	-37
9/30/2006	261	253	0	4	-547	422	152	-7	-247	-31
10/31/2006	262	225	0	4	-546	436	167	-7	-250	-29
11/30/2006	263	228	0	4	-547	427	165	-6	-248	-23
12/31/2006	264	50	10	9	-396	372	176	-13	-180	-28
1/31/2007	265	-504	388	17	-123	233	170	-18	-111	-51
2/28/2007	266	66	75	10	-317	203	157	-7	-152	-34
3/31/2007	267	342	0	4	-509	221	183	-3	-223	-15
4/30/2007	268	-64	84	9	-245	210	175	-11	-126	-32
5/31/2007	269	363	0	4	-511	198	182	-3	-225	-8
6/30/2007	270	362	0	4	-512	196	176	-3	-224	1
7/31/2007	271	294	0	4	-579	323	184	-3	-219	-5
8/31/2007	272	300	0	4	-580	314	186	-2	-222	0
9/30/2007	273	303	0	4	-582	307	181	0	-219	5
10/31/2007	274	287	0	4	-581	317	183	0	-218	8
11/30/2007	275	291	0	4	-582	311	179	1	-217	13
12/31/2007	276	-624	547	19	-130	153	182	-17	-110	-19
1/31/2008	277	-2,161	2,262	65	-27	-85	142	-27	-109	-62
2/29/2008	278	85	209	13	-173	-52	143	-26	-148	-51
3/31/2008	279	556	0	5	-497	92	166	-33	-262	-27
4/30/2008	280	434	0	5	-494	183	170	-31	-248	-18
5/31/2008	281	362	0	5	-493	237	184	-33	-248	-13
6/30/2008	282	337	0	5	-495	257	182	-32	-247	-7
7/31/2008	283	330	0	5	-581	326	188	-25	-245	1
8/31/2008	284	327	0	5	-582	333	187	-26	-251	7
9/30/2008	285	332	0	5	-584	331	179	-25	-251	13
10/31/2008	286	308	0	5	-583	344	189	-26	-254	16
11/30/2008	287	-424	349	16	-144	190	179	-26	-128	-13
12/31/2008	288	-358	364	17	-163	137	181	-25	-132	-22
1/31/2009	289	272	0	3	-461	241	187	-34	-207	-2
2/28/2009	290	-975	886	34	-52	81	159	-22	-78	-33
3/31/2009	291	290	0	3	-459	220	186	-33	-194	-14
4/30/2009	292	238	0	3	-458	261	186	-33	-190	-6
5/31/2009	293	209	0	3	-459	282	195	-34	-194	-2
6/30/2009	294	214	0	3	-460	279	190	-34	-195	3

Table C-12. Flow Budget for the LAS in Mound

(page 7 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Mountain-Storage	Front Recharge	Areal Recharge	MNW2	Mound UAS	Santa Paula LAS	Forebay LAS	Oxnard Plain LAS	Offshore Flux
7/31/2009	295	329	0	4	-542	255	196	-24	-238	19
8/31/2009	296	331	0	4	-542	256	195	-25	-244	25
9/30/2009	297	344	0	4	-544	250	188	-26	-249	31
10/31/2009	298	-213	260	13	-203	134	200	-30	-168	8
11/30/2009	299	421	0	4	-546	190	192	-27	-267	31
12/31/2009	300	-633	627	21	-116	78	196	-28	-140	-6
1/31/2010	301	-1,259	1,325	44	-24	-73	173	-28	-124	-34
2/28/2010	302	-607	751	29	-38	-110	156	-25	-118	-39
3/31/2010	303	528	0	3	-327	-92	186	-31	-263	-4
4/30/2010	304	-109	238	14	-122	1	186	-29	-154	-24
5/31/2010	305	399	0	3	-326	2	196	-32	-246	2
6/30/2010	306	351	0	3	-327	38	196	-32	-240	11
7/31/2010	307	320	0	4	-432	175	209	-31	-252	7
8/31/2010	308	318	0	4	-433	179	211	-31	-262	13
9/30/2010	309	320	0	4	-434	176	212	-31	-266	19
10/31/2010	310	-437	385	17	-106	99	214	-28	-133	-10
11/30/2010	311	167	46	9	-316	118	211	-26	-212	3
12/31/2010	312	-1,937	1,948	61	-22	-64	186	-26	-101	-45
1/31/2011	313	397	0	3	-292	-33	198	-27	-226	-20
2/28/2011	314	-494	563	21	-63	-29	176	-23	-112	-38
3/31/2011	315	-976	1,056	31	-29	-76	181	-25	-98	-63
4/30/2011	316	359	0	3	-286	12	183	-26	-208	-36
5/31/2011	317	260	0	3	-283	95	194	-28	-210	-31
6/30/2011	318	214	0	3	-283	141	189	-28	-210	-25
7/31/2011	319	195	0	3	-321	230	194	-41	-239	-22
8/31/2011	320	190	0	3	-322	242	192	-42	-245	-18
9/30/2011	321	197	0	3	-324	242	182	-41	-245	-13
10/31/2011	322	-163	129	11	-131	189	190	-35	-160	-31
11/30/2011	323	-213	190	13	-115	154	181	-32	-143	-36
12/31/2011	324	216	0	3	-325	208	194	-39	-239	-18
1/31/2012	325	-145	149	12	-181	177	192	-26	-145	-32
2/29/2012	326	336	0	4	-474	227	189	-25	-252	-6
3/31/2012	327	-462	392	16	-119	150	203	-26	-122	-33
4/30/2012	328	-324	326	17	-130	109	190	-25	-125	-39
5/31/2012	329	375	0	4	-473	192	198	-27	-257	-13
6/30/2012	330	343	0	4	-473	224	190	-27	-258	-3
7/31/2012	331	313	0	4	-505	274	196	-35	-246	-1
8/31/2012	332	316	0	4	-506	272	198	-36	-251	3
9/30/2012	333	326	0	4	-508	268	192	-36	-254	8
10/31/2012	334	309	0	4	-508	277	200	-36	-257	11
11/30/2012	335	-41	117	11	-261	195	193	-30	-179	-3
12/31/2012	336	-458	482	20	-125	89	191	-29	-150	-18
1/31/2013	337	104	60	8	-251	97	197	-22	-181	-12
2/28/2013	338	315	0	3	-418	150	185	-17	-222	4
3/31/2013	339	71	53	8	-273	137	209	-20	-182	-3
4/30/2013	340	279	0	3	-418	164	208	-18	-227	9
5/31/2013	341	258	0	3	-418	179	215	-20	-232	14
6/30/2013	342	259	0	3	-418	182	207	-19	-231	18
7/31/2013	343	275	0	3	-443	156	217	-23	-210	24

Table C-12. Flow Budget for the LAS in Mound

(page 8 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month								
		Mountain-Storage	Front Recharge	Areal Recharge	MNWL2	Mound UAS	Santa Paula LAS	Forebay LAS	Oxnard Plain LAS	Offshore Flux
8/31/2013	344	275	0	3	-443	155	223	-25	-217	28
9/30/2013	345	282	0	3	-444	154	219	-25	-221	32
10/31/2013	346	271	0	3	-444	162	231	-27	-231	35
11/30/2013	347	273	0	3	-445	163	227	-27	-233	38
12/31/2013	348	264	0	3	-445	168	238	-29	-242	42
1/31/2014	349	331	0	4	-585	266	241	-32	-274	47
2/28/2014	350	-676	646	26	-87	54	206	-31	-154	15
3/31/2014	351	-1	174	13	-284	95	227	-32	-212	19
4/30/2014	352	396	0	4	-585	210	225	-30	-262	37
5/31/2014	353	352	0	4	-584	255	224	-31	-268	45
6/30/2014	354	337	0	4	-584	273	215	-30	-267	49
7/31/2014	355	278	0	4	-478	176	225	-30	-230	55
8/31/2014	356	281	0	4	-479	173	228	-31	-233	57
9/30/2014	357	281	0	4	-480	174	225	-31	-232	59
10/31/2014	358	265	0	4	-480	183	237	-33	-239	63
11/30/2014	359	14	90	11	-282	141	227	-35	-216	51
12/31/2014	360	-823	819	28	-69	6	219	-37	-172	28
1/31/2015	361	-3	121	10	-190	23	221	-35	-178	31
2/28/2015	362	316	0	3	-449	128	205	-32	-217	45
3/31/2015	363	250	0	3	-447	161	235	-34	-223	55
4/30/2015	364	226	0	3	-448	175	235	-33	-216	58
5/31/2015	365	204	0	3	-447	187	245	-34	-219	62
6/30/2015	366	200	0	3	-448	192	237	-32	-215	64
7/31/2015	367	136	0	2	-359	130	240	-35	-185	70
8/31/2015	368	149	0	2	-359	124	236	-35	-188	71
9/30/2015	369	100	0	2	-277	99	226	-36	-180	67
10/31/2015	370	159	0	2	-352	119	232	-36	-198	74
11/30/2015	371	164	0	2	-361	127	224	-35	-195	75
12/31/2015	372	154	0	2	-362	133	232	-37	-201	78
monthly average		10	238	12	-430	187	188	-20	-179	-6
annual average		122	2,855	141	-5,162	2,246	2,253	-236	-2,151	-73

Table C-13. Flow Budget for the Shallow Aquifer in West Las Posas

(page 1 of 8)

		Influx(+) or Outflux(-), in acre-feet per month				
Date	Stress	Oxnard Plain				
		Storage	Recharge	Semi-Perched Aquifer & UAS	Pleasant Valley UAS	West Las Posas LAS
1/31/1985	1	444	272	-206	0	-510
2/28/1985	2	183	300	14	0	-497
3/31/1985	3	139	222	93	0	-454
4/30/1985	4	199	187	36	0	-423
5/31/1985	5	243	189	-4	0	-428
6/30/1985	6	270	193	-49	0	-415
7/31/1985	7	312	218	-95	0	-435
8/31/1985	8	313	215	-120	0	-407
9/30/1985	9	261	218	-90	0	-388
10/31/1985	10	282	210	-111	0	-381
11/30/1985	11	41	1,093	-58	0	-1,076
12/31/1985	12	232	179	-71	0	-340
1/31/1986	13	10	919	2	0	-931
2/28/1986	14	-314	1,993	78	0	-1,756
3/31/1986	15	-318	1,322	278	1	-1,283
4/30/1986	16	-167	214	400	0	-447
5/31/1986	17	-129	218	385	0	-474
6/30/1986	18	-7	214	259	0	-466
7/31/1986	19	-16	227	276	0	-487
8/31/1986	20	111	221	138	0	-470
9/30/1986	21	148	229	66	0	-442
10/31/1986	22	223	217	-15	0	-424
11/30/1986	23	154	377	-7	0	-523
12/31/1986	24	237	241	-69	0	-409
1/31/1987	25	173	325	-41	0	-457
2/28/1987	26	151	279	-38	0	-392
3/31/1987	27	95	405	6	0	-506
4/30/1987	28	161	281	-32	0	-410
5/31/1987	29	196	274	-53	0	-416
6/30/1987	30	180	275	-39	0	-416
7/31/1987	31	154	284	6	0	-444
8/31/1987	32	216	284	-50	0	-450
9/30/1987	33	255	282	-91	0	-446
10/31/1987	34	206	355	-75	0	-485
11/30/1987	35	167	395	-62	0	-499
12/31/1987	36	50	857	-33	0	-874
1/31/1988	37	24	669	23	2	-717
2/29/1988	38	40	331	46	3	-420
3/31/1988	39	8	215	121	1	-346
4/30/1988	40	-178	601	253	3	-680
5/31/1988	41	-122	215	290	2	-385
6/30/1988	42	-41	214	225	0	-399
7/31/1988	43	69	292	136	0	-496
8/31/1988	44	153	295	54	0	-501
9/30/1988	45	187	296	10	0	-493
10/31/1988	46	208	295	-8	0	-496
11/30/1988	47	176	286	-9	0	-452

Table C-13. Flow Budget for the Shallow Aquifer in West Las Posas

(page 2 of 8)

		Influx(+) or Outflux(-), in acre-feet per month				
Date	Stress	Oxnard Plain				
		Storage	Recharge	Semi-Perched Aquifer & UAS	Pleasant Valley UAS	West Las Posas LAS
12/31/1988	48	50	958	1	0	-1,009
1/31/1989	49	178	218	-9	0	-386
2/28/1989	50	9	787	30	1	-827
3/31/1989	51	69	226	72	0	-368
4/30/1989	52	96	227	51	0	-375
5/31/1989	53	131	226	29	0	-387
6/30/1989	54	145	227	13	0	-385
7/31/1989	55	169	248	-6	0	-411
8/31/1989	56	184	249	-22	0	-411
9/30/1989	57	192	250	-35	0	-407
10/31/1989	58	201	249	-41	0	-409
11/30/1989	59	191	215	-40	0	-367
12/31/1989	60	202	260	-48	0	-413
1/31/1990	61	114	518	-23	0	-609
2/28/1990	62	80	424	0	0	-504
3/31/1990	63	137	267	5	0	-410
4/30/1990	64	148	266	8	0	-422
5/31/1990	65	158	216	12	0	-385
6/30/1990	66	160	294	7	0	-461
7/31/1990	67	162	292	13	0	-467
8/31/1990	68	161	292	14	0	-468
9/30/1990	69	164	291	10	0	-465
10/31/1990	70	173	295	8	0	-476
11/30/1990	71	169	279	7	0	-454
12/31/1990	72	175	285	5	0	-465
1/31/1991	73	153	222	5	0	-380
2/28/1991	74	66	506	13	0	-585
3/31/1991	75	-405	2,373	147	1	-2,115
4/30/1991	76	-4	216	220	0	-432
5/31/1991	77	-62	218	254	0	-411
6/30/1991	78	-49	216	240	0	-407
7/31/1991	79	-13	259	219	0	-466
8/31/1991	80	30	259	182	0	-470
9/30/1991	81	58	262	148	0	-468
10/31/1991	82	71	259	142	0	-472
11/30/1991	83	81	258	127	0	-467
12/31/1991	84	-74	1,076	140	0	-1,142
1/31/1992	85	-39	448	178	1	-588
2/29/1992	86	-474	2,173	277	6	-1,982
3/31/1992	87	-491	1,477	499	11	-1,495
4/30/1992	88	-294	198	575	10	-489
5/31/1992	89	-325	204	607	8	-494
6/30/1992	90	-254	206	541	6	-499
7/31/1992	91	-155	254	467	5	-571
8/31/1992	92	-56	258	372	4	-578
9/30/1992	93	10	255	290	3	-558
10/31/1992	94	-137	320	420	4	-607

Table C-13. Flow Budget for the Shallow Aquifer in West Las Posas

(page 3 of 8)

		Influx(+) or Outflux(-), in acre-feet per month				
		Oxnard Plain				
		Semi-Perched Aquifer				
Date	Stress	Storage	Recharge	& UAS	Pleasant Valley UAS	West Las Posas LAS
11/30/1992	95	-229	253	542	3	-568
12/31/1992	96	-435	1,145	631	6	-1,347
1/31/1993	97	-707	2,430	692	11	-2,426
2/28/1993	98	-567	1,998	620	16	-2,067
3/31/1993	99	-324	797	712	24	-1,208
4/30/1993	100	-355	209	858	23	-735
5/31/1993	101	-288	207	803	22	-744
6/30/1993	102	-145	181	626	21	-683
7/31/1993	103	-26	242	497	20	-733
8/31/1993	104	9	243	442	17	-711
9/30/1993	105	-72	243	507	15	-692
10/31/1993	106	-133	243	598	15	-723
11/30/1993	107	-123	229	582	13	-700
12/31/1993	108	-137	305	588	16	-771
1/31/1994	109	-72	187	530	17	-663
2/28/1994	110	-241	1,355	444	16	-1,574
3/31/1994	111	-110	610	495	22	-1,017
4/30/1994	112	-35	193	451	21	-630
5/31/1994	113	-29	190	451	21	-632
6/30/1994	114	39	192	353	18	-602
7/31/1994	115	127	224	257	15	-623
8/31/1994	116	185	226	176	13	-600
9/30/1994	117	202	224	130	11	-567
10/31/1994	118	200	186	131	9	-526
11/30/1994	119	114	243	180	9	-546
12/31/1994	120	100	205	200	10	-515
1/31/1995	121	-738	3,866	295	13	-3,436
2/28/1995	122	-33	164	450	18	-599
3/31/1995	123	-540	2,056	562	23	-2,101
4/30/1995	124	-51	134	505	28	-616
5/31/1995	125	-143	121	573	30	-580
6/30/1995	126	-111	143	526	28	-586
7/31/1995	127	-59	220	488	26	-675
8/31/1995	128	-41	215	475	23	-673
9/30/1995	129	-38	216	458	20	-656
10/31/1995	130	-72	218	508	18	-673
11/30/1995	131	-64	220	486	16	-657
12/31/1995	132	-118	471	499	19	-872
1/31/1996	133	-49	210	458	19	-638
2/29/1996	134	-413	1,768	513	18	-1,886
3/31/1996	135	-156	510	565	27	-946
4/30/1996	136	-65	174	493	25	-627
5/31/1996	137	51	182	378	23	-633
6/30/1996	138	124	179	272	20	-594
7/31/1996	139	194	252	192	19	-656
8/31/1996	140	236	252	131	18	-637
9/30/1996	141	236	252	100	17	-605

Table C-13. Flow Budget for the Shallow Aquifer in West Las Posas

(page 4 of 8)

		Influx(+) or Outflux(-), in acre-feet per month				
Date	Stress	Oxnard Plain				
		Semi-Perched Aquifer & UAS				
		Storage	Recharge	Pleasant Valley UAS	West Las Posas LAS	
10/31/1996	142	164	267	154	22	-607
11/30/1996	143	50	510	208	24	-791
12/31/1996	144	-255	1,388	381	29	-1,543
1/31/1997	145	-391	1,328	572	36	-1,544
2/28/1997	146	-126	192	509	33	-608
3/31/1997	147	-117	193	533	34	-641
4/30/1997	148	-19	194	414	30	-618
5/31/1997	149	88	193	300	28	-609
6/30/1997	150	161	193	190	26	-570
7/31/1997	151	236	258	112	25	-631
8/31/1997	152	266	258	60	24	-607
9/30/1997	153	265	258	39	22	-585
10/31/1997	154	247	271	56	24	-598
11/30/1997	155	147	560	78	28	-812
12/31/1997	156	-198	1,668	184	37	-1,690
1/31/1998	157	-155	902	330	51	-1,128
2/28/1998	158	-1,102	4,733	276	87	-3,994
3/31/1998	159	-286	861	533	110	-1,219
4/30/1998	160	-265	295	632	104	-765
5/31/1998	161	-460	814	700	110	-1,164
6/30/1998	162	-254	165	681	98	-691
7/31/1998	163	-203	196	619	98	-710
8/31/1998	164	-38	208	435	94	-699
9/30/1998	165	-2	203	373	89	-662
10/31/1998	166	-114	196	513	88	-682
11/30/1998	167	-194	189	584	85	-664
12/31/1998	168	-161	195	580	86	-700
1/31/1999	169	-109	398	449	88	-827
2/28/1999	170	7	219	315	79	-619
3/31/1999	171	-115	718	348	91	-1,042
4/30/1999	172	-162	510	405	94	-847
5/31/1999	173	47	190	278	92	-607
6/30/1999	174	164	192	140	81	-577
7/31/1999	175	237	218	76	75	-606
8/31/1999	176	269	218	28	70	-585
9/30/1999	177	256	218	18	64	-556
10/31/1999	178	230	231	54	58	-573
11/30/1999	179	192	234	46	63	-535
12/31/1999	180	236	229	9	67	-541
1/31/2000	181	159	379	11	72	-621
2/29/2000	182	-175	1,636	52	76	-1,590
3/31/2000	183	-109	564	256	89	-800
4/30/2000	184	-166	500	313	88	-735
5/31/2000	185	-15	238	245	82	-551
6/30/2000	186	84	250	152	66	-552
7/31/2000	187	153	217	96	63	-527
8/31/2000	188	182	216	53	59	-510

Table C-13. Flow Budget for the Shallow Aquifer in West Las Posas

(page 5 of 8)

		Influx(+) or Outflux(-), in acre-feet per month				
Date	Stress	Oxnard Plain				
		Semi-Perched Aquifer & UAS				
		Storage	Recharge	Pleasant Valley UAS	West Las Posas LAS	
9/30/2000	189	159	215	61	56	-491
10/31/2000	190	-27	221	253	64	-511
11/30/2000	191	-16	216	260	58	-517
12/31/2000	192	80	215	176	59	-529
1/31/2001	193	-161	1,425	165	72	-1,500
2/28/2001	194	-347	1,870	210	81	-1,815
3/31/2001	195	-314	1,027	425	108	-1,245
4/30/2001	196	-173	275	449	105	-656
5/31/2001	197	-82	203	370	105	-597
6/30/2001	198	29	204	243	98	-573
7/31/2001	199	110	190	158	95	-553
8/31/2001	200	160	190	87	89	-526
9/30/2001	201	100	190	132	82	-503
10/31/2001	202	-57	203	315	81	-542
11/30/2001	203	-176	730	354	83	-991
12/31/2001	204	-41	228	299	89	-575
1/31/2002	205	-14	228	259	90	-563
2/28/2002	206	66	176	157	78	-477
3/31/2002	207	119	177	117	83	-496
4/30/2002	208	146	177	70	77	-469
5/31/2002	209	171	177	36	76	-461
6/30/2002	210	173	182	11	71	-438
7/31/2002	211	208	252	-21	69	-508
8/31/2002	212	240	264	-51	65	-518
9/30/2002	213	233	284	-45	59	-531
10/31/2002	214	243	274	-43	58	-532
11/30/2002	215	-27	1,132	37	68	-1,211
12/31/2002	216	-49	831	113	83	-978
1/31/2003	217	109	159	65	80	-412
2/28/2003	218	-213	1,219	128	88	-1,223
3/31/2003	219	-191	952	203	104	-1,069
4/30/2003	220	-38	184	200	100	-446
5/31/2003	221	-142	266	290	104	-518
6/30/2003	222	-25	161	204	91	-431
7/31/2003	223	61	222	130	82	-495
8/31/2003	224	123	222	70	74	-490
9/30/2003	225	156	220	30	67	-473
10/31/2003	226	183	221	6	63	-474
11/30/2003	227	139	219	24	61	-443
12/31/2003	228	97	309	35	74	-514
1/31/2004	229	113	151	36	77	-377
2/29/2004	230	-198	1,286	119	85	-1,293
3/31/2004	231	10	181	165	90	-445
4/30/2004	232	-1	185	158	85	-426
5/31/2004	233	61	192	113	75	-441
6/30/2004	234	114	189	61	60	-424
7/31/2004	235	166	224	25	53	-469

Table C-13. Flow Budget for the Shallow Aquifer in West Las Posas

(page 6 of 8)

		Influx(+) or Outflux(-), in acre-feet per month				
Date	Stress	Oxnard Plain				
		Semi-Perched Aquifer & UAS				
		Storage	Recharge	Pleasant Valley UAS	West Las Posas LAS	
8/31/2004	236	199	225	5	44	-473
9/30/2004	237	212	224	-9	39	-467
10/31/2004	238	-57	1,201	40	65	-1,250
11/30/2004	239	143	217	44	65	-467
12/31/2004	240	-161	1,363	85	92	-1,379
1/31/2005	241	-778	2,961	323	133	-2,639
2/28/2005	242	-732	2,071	451	155	-1,946
3/31/2005	243	-520	725	713	157	-1,075
4/30/2005	244	-460	181	822	137	-679
5/31/2005	245	-438	188	849	128	-727
6/30/2005	246	-385	193	810	113	-732
7/31/2005	247	-304	201	767	109	-772
8/31/2005	248	-116	200	575	102	-762
9/30/2005	249	-154	199	607	92	-744
10/31/2005	250	-168	233	613	98	-776
11/30/2005	251	-25	201	450	93	-720
12/31/2005	252	59	195	358	94	-706
1/31/2006	253	-78	686	384	99	-1,093
2/28/2006	254	-113	822	326	94	-1,129
3/31/2006	255	-278	880	514	111	-1,227
4/30/2006	256	-392	810	647	112	-1,177
5/31/2006	257	-288	278	690	112	-793
6/30/2006	258	-94	224	522	98	-750
7/31/2006	259	50	201	389	95	-735
8/31/2006	260	142	198	267	92	-699
9/30/2006	261	135	194	247	83	-659
10/31/2006	262	64	192	329	81	-665
11/30/2006	263	120	189	249	77	-635
12/31/2006	264	135	173	215	83	-606
1/31/2007	265	73	482	186	89	-829
2/28/2007	266	129	194	129	83	-535
3/31/2007	267	180	206	99	91	-576
4/30/2007	268	178	169	74	90	-511
5/31/2007	269	211	205	25	91	-532
6/30/2007	270	223	205	-14	87	-502
7/31/2007	271	254	223	-40	85	-522
8/31/2007	272	259	223	-52	82	-512
9/30/2007	273	219	222	-22	79	-498
10/31/2007	274	164	230	47	76	-516
11/30/2007	275	186	239	27	67	-519
12/31/2007	276	50	603	88	77	-819
1/31/2008	277	-409	1,934	224	103	-1,852
2/29/2008	278	-207	363	416	100	-671
3/31/2008	279	-182	212	502	98	-630
4/30/2008	280	-46	223	393	87	-658
5/31/2008	281	92	238	275	81	-686
6/30/2008	282	181	227	165	71	-645

Table C-13. Flow Budget for the Shallow Aquifer in West Las Posas

(page 7 of 8)

		Influx(+) or Outflux(-), in acre-feet per month				
Date	Stress	Oxnard Plain				
		Semi-Perched Aquifer & UAS				
		Storage	Recharge	Pleasant Valley UAS	West Las Posas LAS	
7/31/2008	283	262	281	103	63	-709
8/31/2008	284	312	278	49	56	-694
9/30/2008	285	315	277	25	50	-667
10/31/2008	286	164	279	190	50	-684
11/30/2008	287	39	474	201	62	-776
12/31/2008	288	10	585	177	76	-848
1/31/2009	289	156	188	125	71	-539
2/28/2009	290	-157	1,198	149	79	-1,269
3/31/2009	291	113	186	168	87	-553
4/30/2009	292	119	193	141	85	-537
5/31/2009	293	170	196	109	69	-543
6/30/2009	294	204	205	64	55	-528
7/31/2009	295	257	263	25	50	-596
8/31/2009	296	286	260	-6	48	-588
9/30/2009	297	288	259	-27	52	-572
10/31/2009	298	143	502	21	69	-734
11/30/2009	299	210	261	22	58	-551
12/31/2009	300	-12	782	107	76	-953
1/31/2010	301	-305	1,378	223	101	-1,396
2/28/2010	302	-273	912	283	104	-1,025
3/31/2010	303	-43	213	310	113	-593
4/30/2010	304	-101	286	307	110	-602
5/31/2010	305	12	228	256	111	-607
6/30/2010	306	101	218	178	94	-591
7/31/2010	307	189	292	123	80	-684
8/31/2010	308	240	290	81	70	-681
9/30/2010	309	261	297	48	64	-670
10/31/2010	310	129	520	94	82	-824
11/30/2010	311	131	240	116	81	-568
12/31/2010	312	-456	2,122	250	108	-2,024
1/31/2011	313	-110	211	430	110	-641
2/28/2011	314	-282	620	452	111	-900
3/31/2011	315	-595	1,452	571	141	-1,570
4/30/2011	316	-293	210	668	132	-717
5/31/2011	317	-174	194	576	131	-727
6/30/2011	318	-39	211	445	111	-729
7/31/2011	319	70	261	361	95	-787
8/31/2011	320	158	266	267	77	-768
9/30/2011	321	179	263	223	63	-728
10/31/2011	322	22	303	350	80	-755
11/30/2011	323	-38	376	342	93	-772
12/31/2011	324	71	260	271	94	-697
1/31/2012	325	63	291	230	103	-687
2/29/2012	326	163	275	141	79	-658
3/31/2012	327	79	531	159	101	-870
4/30/2012	328	50	363	172	108	-694
5/31/2012	329	155	280	133	86	-655

Table C-13. Flow Budget for the Shallow Aquifer in West Las Posas

(page 8 of 8)

		Influx(+) or Outflux(-), in acre-feet per month				
Date	Stress	Oxnard Plain				
		Semi-Perched Aquifer & UAS				
		Storage	Recharge	Pleasant Valley UAS	West Las Posas LAS	
6/30/2012	330	216	278	97	66	-657
7/31/2012	331	264	309	69	64	-706
8/31/2012	332	290	309	39	58	-697
9/30/2012	333	296	308	21	50	-676
10/31/2012	334	274	332	52	49	-708
11/30/2012	335	219	324	72	48	-663
12/31/2012	336	140	531	86	70	-826
1/31/2013	337	129	270	83	82	-565
2/28/2013	338	153	213	52	64	-482
3/31/2013	339	134	176	60	81	-451
4/30/2013	340	149	217	42	66	-475
5/31/2013	341	143	222	31	53	-449
6/30/2013	342	146	224	23	39	-432
7/31/2013	343	196	262	15	30	-503
8/31/2013	344	219	263	9	22	-513
9/30/2013	345	224	264	6	15	-510
10/31/2013	346	235	260	7	13	-515
11/30/2013	347	226	231	9	12	-478
12/31/2013	348	233	255	11	11	-510
1/31/2014	349	231	253	9	16	-509
2/28/2014	350	39	929	17	14	-999
3/31/2014	351	125	257	33	37	-452
4/30/2014	352	121	253	41	50	-465
5/31/2014	353	149	259	50	34	-492
6/30/2014	354	160	259	52	22	-493
7/31/2014	355	172	255	61	18	-505
8/31/2014	356	174	251	64	15	-504
9/30/2014	357	172	245	62	13	-492
10/31/2014	358	172	241	71	12	-496
11/30/2014	359	147	201	75	12	-435
12/31/2014	360	-39	1,048	77	20	-1,106
1/31/2015	361	-4	521	84	41	-643
2/28/2015	362	51	187	80	50	-368
3/31/2015	363	73	175	91	36	-375
4/30/2015	364	94	190	88	23	-395
5/31/2015	365	110	180	86	19	-395
6/30/2015	366	115	196	80	15	-407
7/31/2015	367	116	225	76	14	-431
8/31/2015	368	129	230	74	12	-444
9/30/2015	369	132	229	70	10	-441
10/31/2015	370	139	231	73	10	-453
11/30/2015	371	137	237	71	9	-454
12/31/2015	372	141	235	74	9	-459
monthly average		21	430	205	47	-703
annual average		255	5,155	2,458	563	-8,432

Table C-14. Flow Budget for the LAS in West Las Posas

(page 1 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month						
		Mountain				West Las	Oxnard	Pleasant
		Storage	Front Recharge	Recharge	MNW2	Posas UAS	Plain LAS	Valley LAS
1/31/1985	1	-80	117	66	-510	510	-83	-20
2/28/1985	2	-93	109	74	-503	497	-59	-25
3/31/1985	3	205	64	55	-676	454	-65	-37
4/30/1985	4	1,009	0	35	-1,301	423	-121	-45
5/31/1985	5	1,038	0	36	-1,301	428	-149	-51
6/30/1985	6	1,071	0	37	-1,301	415	-170	-52
7/31/1985	7	1,175	0	40	-1,385	435	-209	-56
8/31/1985	8	1,218	0	39	-1,385	407	-222	-57
9/30/1985	9	1,230	0	39	-1,385	388	-215	-57
10/31/1985	10	1,233	0	37	-1,368	381	-223	-60
11/30/1985	11	-1,477	531	269	-199	1,076	-144	-56
12/31/1985	12	946	1	38	-1,081	340	-189	-56
1/31/1986	13	-1,230	497	217	-250	931	-121	-44
2/28/1986	14	-3,084	1,068	482	-114	1,756	-82	-27
3/31/1986	15	-2,067	648	325	-166	1,283	-9	-16
4/30/1986	16	556	28	49	-1,084	447	18	-14
5/31/1986	17	946	0	36	-1,426	474	-18	-11
6/30/1986	18	1,000	0	36	-1,426	466	-64	-12
7/31/1986	19	1,078	0	39	-1,574	487	-13	-17
8/31/1986	20	1,142	0	38	-1,574	470	-53	-22
9/30/1986	21	517	49	51	-964	442	-67	-27
10/31/1986	22	1,261	0	36	-1,574	424	-119	-30
11/30/1986	23	-116	150	90	-514	523	-102	-32
12/31/1986	24	1,305	0	40	-1,574	409	-148	-31
1/31/1987	25	175	114	80	-657	457	-133	-36
2/28/1987	26	413	75	64	-784	392	-127	-33
3/31/1987	27	-75	177	96	-540	506	-126	-37
4/30/1987	28	1,467	0	45	-1,705	410	-180	-37
5/31/1987	29	1,493	0	44	-1,705	416	-207	-42
6/30/1987	30	1,499	0	45	-1,705	416	-211	-44
7/31/1987	31	1,646	0	53	-1,859	444	-237	-46
8/31/1987	32	1,667	0	53	-1,859	450	-263	-47
9/30/1987	33	1,689	0	51	-1,859	446	-281	-46
10/31/1987	34	234	124	88	-649	485	-238	-44
11/30/1987	35	114	138	102	-593	499	-222	-39
12/31/1987	36	-959	470	206	-387	874	-180	-24
1/31/1988	37	-695	349	152	-360	717	-153	-11
2/29/1988	38	102	136	85	-592	420	-152	0
3/31/1988	39	1,380	0	40	-1,578	346	-189	2
4/30/1988	40	-672	324	141	-398	680	-82	7
5/31/1988	41	1,265	0	42	-1,578	385	-122	7
6/30/1988	42	1,274	0	42	-1,578	399	-140	3
7/31/1988	43	1,509	0	50	-1,845	496	-206	-4
8/31/1988	44	1,547	0	50	-1,845	501	-242	-12
9/30/1988	45	1,584	0	51	-1,845	493	-264	-17
10/31/1988	46	1,613	0	50	-1,845	496	-290	-24
11/30/1988	47	576	69	62	-895	452	-238	-27
12/31/1988	48	-1,251	533	228	-316	1,009	-188	-16
1/31/1989	49	1,218	0	37	-1,376	386	-255	-12

Table C-14. Flow Budget for the LAS in West Las Posas

(page 2 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month						
		Mountain						
		Storage	Front Recharge	Recharge	MNW2	West Las Posas UAS	Oxnard Plain LAS	Pleasant Valley LAS
2/28/1989	50	-924	376	173	-292	827	-155	-5
3/31/1989	51	596	43	44	-865	368	-183	-3
4/30/1989	52	1,224	0	41	-1,405	375	-231	-3
5/31/1989	53	1,242	0	40	-1,405	387	-258	-7
6/30/1989	54	1,257	0	41	-1,405	385	-268	-10
7/31/1989	55	1,437	0	40	-1,624	411	-248	-17
8/31/1989	56	1,448	0	40	-1,624	411	-253	-22
9/30/1989	57	1,455	0	40	-1,624	407	-253	-25
10/31/1989	58	1,471	0	39	-1,624	409	-265	-30
11/30/1989	59	1,292	0	35	-1,402	367	-260	-32
12/31/1989	60	1,482	0	40	-1,624	413	-276	-35
1/31/1990	61	-252	263	121	-486	609	-228	-26
2/28/1990	62	-48	203	102	-554	504	-195	-11
3/31/1990	63	1,642	0	38	-1,782	410	-297	-12
4/30/1990	64	1,647	0	39	-1,782	422	-312	-14
5/31/1990	65	1,325	0	33	-1,413	385	-312	-19
6/30/1990	66	1,632	0	46	-1,782	461	-336	-20
7/31/1990	67	1,633	0	50	-1,732	467	-391	-26
8/31/1990	68	1,640	0	49	-1,732	468	-396	-30
9/30/1990	69	1,640	0	49	-1,732	465	-391	-31
10/31/1990	70	1,641	0	50	-1,732	476	-401	-33
11/30/1990	71	1,609	0	46	-1,688	454	-388	-33
12/31/1990	72	1,657	0	46	-1,732	465	-401	-35
1/31/1991	73	725	50	51	-843	380	-331	-33
2/28/1991	74	-304	229	120	-385	585	-225	-20
3/31/1991	75	-3,931	1,496	565	-91	2,115	-146	-9
4/30/1991	76	1,110	0	35	-1,377	432	-199	0
5/31/1991	77	1,127	0	36	-1,377	411	-194	-2
6/30/1991	78	1,144	0	36	-1,377	407	-206	-4
7/31/1991	79	1,316	0	43	-1,559	466	-257	-10
8/31/1991	80	1,333	0	43	-1,559	470	-276	-12
9/30/1991	81	1,351	0	44	-1,558	468	-291	-14
10/31/1991	82	1,369	0	42	-1,558	472	-308	-16
11/30/1991	83	1,383	0	41	-1,558	467	-314	-18
12/31/1991	84	-1,536	539	255	-231	1,142	-163	-6
1/31/1992	85	-424	222	111	-402	588	-105	10
2/29/1992	86	-3,656	1,237	524	-100	1,982	-15	28
3/31/1992	87	-2,717	855	363	-147	1,495	103	48
4/30/1992	88	755	0	34	-1,400	489	60	61
5/31/1992	89	747	0	35	-1,400	494	61	62
6/30/1992	90	766	0	39	-1,400	499	38	58
7/31/1992	91	991	0	49	-1,606	571	-54	49
8/31/1992	92	1,034	0	49	-1,606	578	-98	43
9/30/1992	93	1,098	0	48	-1,605	558	-135	37
10/31/1992	94	-214	137	77	-634	607	-11	38
11/30/1992	95	1,005	0	46	-1,606	568	-45	32
12/31/1992	96	-2,143	617	272	-235	1,347	100	42
1/31/1993	97	-4,493	1,384	594	-90	2,426	121	58
2/28/1993	98	-3,667	1,068	471	-114	2,067	107	68

Table C-14. Flow Budget for the LAS in West Las Posas

(page 3 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month						
		Mountain				West Las	Oxnard	Pleasant
		Storage	Front Recharge	Recharge	MNW2	Posas UAS	Plain LAS	Valley LAS
3/31/1993	99	-1,768	467	187	-313	1,208	133	86
4/30/1993	100	470	0	41	-1,446	735	114	86
5/31/1993	101	488	0	42	-1,446	744	85	86
6/30/1993	102	250	8	42	-1,099	683	36	79
7/31/1993	103	733	0	45	-1,569	733	-19	76
8/31/1993	104	779	0	45	-1,569	711	-36	70
9/30/1993	105	788	0	45	-1,569	692	-17	62
10/31/1993	106	735	0	44	-1,569	723	6	60
11/30/1993	107	690	0	41	-1,503	700	18	54
12/31/1993	108	-465	114	74	-620	771	68	59
1/31/1994	109	449	0	36	-1,233	663	24	60
2/28/1994	110	-2,573	706	322	-151	1,574	66	56
3/31/1994	111	-1,311	301	142	-300	1,017	84	67
4/30/1994	112	525	0	37	-1,269	630	17	61
5/31/1994	113	498	0	36	-1,241	632	16	59
6/30/1994	114	588	0	38	-1,269	602	-9	50
7/31/1994	115	847	0	45	-1,496	623	-66	48
8/31/1994	116	909	0	45	-1,496	600	-101	43
9/30/1994	117	977	0	44	-1,496	567	-128	37
10/31/1994	118	745	0	36	-1,192	526	-149	34
11/30/1994	119	174	60	57	-781	546	-83	28
12/31/1994	120	515	23	53	-1,036	515	-102	32
1/31/1995	121	-6,755	2,424	932	-39	3,436	-42	44
2/28/1995	122	-136	40	49	-621	599	22	47
3/31/1995	123	-3,859	1,186	495	-75	2,101	89	62
4/30/1995	124	168	0	28	-922	616	47	64
5/31/1995	125	108	0	30	-870	580	82	70
6/30/1995	126	236	0	32	-973	586	52	68
7/31/1995	127	574	0	44	-1,361	675	4	63
8/31/1995	128	592	0	45	-1,361	673	-5	57
9/30/1995	129	620	0	44	-1,361	656	-8	49
10/31/1995	130	592	0	43	-1,361	673	10	44
11/30/1995	131	617	0	43	-1,361	657	9	35
12/31/1995	132	-931	207	114	-377	872	75	39
1/31/1996	133	-199	58	50	-656	638	64	45
2/29/1996	134	-3,356	1,016	413	-107	1,886	102	46
3/31/1996	135	-1,164	271	113	-333	946	111	56
4/30/1996	136	383	0	32	-1,161	627	61	58
5/31/1996	137	451	0	34	-1,196	633	22	57
6/30/1996	138	527	0	34	-1,197	594	-12	52
7/31/1996	139	939	0	45	-1,616	656	-80	56
8/31/1996	140	996	0	45	-1,616	637	-115	54
9/30/1996	141	1,051	0	44	-1,616	605	-135	51
10/31/1996	142	201	96	65	-938	607	-85	54
11/30/1996	143	-738	239	120	-433	791	-32	54
12/31/1996	144	-2,601	806	333	-183	1,543	40	62
1/31/1997	145	-2,663	758	317	-148	1,544	122	69
2/28/1997	146	470	0	37	-1,247	608	69	63
3/31/1997	147	440	0	37	-1,247	641	63	65

Table C-14. Flow Budget for the LAS in West Las Posas

(page 4 of 8)

Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month						
		Mountain			West Las Posas		Oxnard	Pleasant
		Storage	Front Recharge	Recharge	MNW2	Posas UAS	Plain LAS	Valley LAS
4/30/1997	148	505	0	37	-1,247	618	29	57
5/31/1997	149	552	0	38	-1,247	609	-8	55
6/30/1997	150	632	0	39	-1,247	570	-45	50
7/31/1997	151	1,054	0	43	-1,655	631	-132	58
8/31/1997	152	1,107	0	45	-1,655	607	-163	59
9/30/1997	153	1,150	0	44	-1,655	585	-181	58
10/31/1997	154	1,138	0	45	-1,655	598	-190	64
11/30/1997	155	-732	244	130	-417	812	-99	63
12/31/1997	156	-2,828	870	399	-159	1,690	-46	73
1/31/1998	157	-1,648	449	207	-243	1,128	29	79
2/28/1998	158	-7,651	2,465	1,132	-44	3,994	14	90
3/31/1998	159	-1,853	477	203	-258	1,219	120	92
4/30/1998	160	-686	123	78	-520	765	155	85
5/31/1998	161	-1,851	525	187	-287	1,164	177	84
6/30/1998	162	287	0	37	-1,269	691	161	94
7/31/1998	163	376	0	36	-1,310	710	100	88
8/31/1998	164	441	0	38	-1,310	699	48	83
9/30/1998	165	493	0	36	-1,303	662	33	79
10/31/1998	166	445	0	35	-1,310	682	69	78
11/30/1998	167	-19	26	46	-908	664	120	69
12/31/1998	168	413	0	34	-1,308	700	91	70
1/31/1999	169	-902	200	97	-392	827	109	61
2/28/1999	170	-33	67	50	-817	619	55	58
3/31/1999	171	-1,407	341	159	-267	1,042	76	57
4/30/1999	172	-1,022	244	117	-335	847	96	53
5/31/1999	173	511	0	38	-1,272	607	54	62
6/30/1999	174	581	0	39	-1,272	577	16	59
7/31/1999	175	772	0	39	-1,386	606	-88	58
8/31/1999	176	835	0	39	-1,386	585	-126	53
9/30/1999	177	887	0	39	-1,386	556	-143	48
10/31/1999	178	873	0	41	-1,386	573	-145	44
11/30/1999	179	287	44	46	-838	535	-112	38
12/31/1999	180	928	0	40	-1,386	541	-165	42
1/31/2000	181	-294	172	93	-529	621	-95	31
2/29/2000	182	-2,683	889	388	-155	1,590	-59	30
3/31/2000	183	-859	296	132	-411	800	7	35
4/30/2000	184	-735	240	123	-441	735	41	36
5/31/2000	185	999	0	48	-1,612	551	-25	39
6/30/2000	186	1,027	0	51	-1,612	552	-56	38
7/31/2000	187	788	0	39	-1,298	527	-92	36
8/31/2000	188	833	0	39	-1,298	510	-116	33
9/30/2000	189	861	0	38	-1,298	491	-122	30
10/31/2000	190	190	57	51	-805	511	-35	31
11/30/2000	191	770	0	40	-1,298	517	-57	28
12/31/2000	192	785	0	39	-1,298	529	-83	28
1/31/2001	193	-2,565	869	338	-145	1,500	-29	33
2/28/2001	194	-3,186	1,010	447	-109	1,815	-11	34
3/31/2001	195	-2,015	635	245	-205	1,245	53	42
4/30/2001	196	-354	117	68	-583	656	52	43

Table C-14. Flow Budget for the LAS in West Las Posas

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month						
		Mountain			West Las Posas		Oxnard	Pleasant
		Storage	Front Recharge	Recharge	MNW2	Posas UAS	Plain LAS	Valley LAS
5/31/2001	197	595	0	39	-1,279	597	0	48
6/30/2001	198	656	0	40	-1,279	573	-38	47
7/31/2001	199	566	0	35	-1,146	553	-48	40
8/31/2001	200	621	0	36	-1,146	526	-73	36
9/30/2001	201	643	0	35	-1,146	503	-66	31
10/31/2001	202	546	0	37	-1,146	542	-9	30
11/30/2001	203	-1,382	408	167	-252	991	35	32
12/31/2001	204	-135	64	60	-610	575	14	33
1/31/2002	205	-206	72	53	-513	563	-3	34
2/28/2002	206	593	0	36	-1,083	477	-50	27
3/31/2002	207	596	0	36	-1,083	496	-74	29
4/30/2002	208	641	0	36	-1,083	469	-90	26
5/31/2002	209	664	0	37	-1,083	461	-104	26
6/30/2002	210	697	0	37	-1,083	438	-112	23
7/31/2002	211	1,084	0	51	-1,495	508	-167	19
8/31/2002	212	1,102	0	52	-1,495	518	-194	16
9/30/2002	213	1,106	0	56	-1,495	531	-209	11
10/31/2002	214	1,129	0	53	-1,495	532	-229	9
11/30/2002	215	-1,719	580	269	-215	1,211	-139	13
12/31/2002	216	-1,271	501	193	-314	978	-104	18
1/31/2003	217	693	0	30	-1,039	412	-123	26
2/28/2003	218	-1,927	570	294	-130	1,223	-56	26
3/31/2003	219	-1,625	519	214	-175	1,069	-34	33
4/30/2003	220	134	51	47	-674	446	-40	36
5/31/2003	221	-312	105	70	-415	518	-6	39
6/30/2003	222	579	0	31	-1,039	431	-43	40
7/31/2003	223	829	0	42	-1,309	495	-96	40
8/31/2003	224	856	0	42	-1,309	490	-116	39
9/30/2003	225	892	0	41	-1,309	473	-133	36
10/31/2003	226	903	0	42	-1,309	474	-147	35
11/30/2003	227	405	40	57	-877	443	-98	30
12/31/2003	228	-115	92	78	-511	514	-94	36
1/31/2004	229	594	0	31	-931	377	-112	41
2/29/2004	230	-2,166	714	304	-133	1,293	-48	36
3/31/2004	231	613	0	35	-1,073	445	-64	44
4/30/2004	232	636	0	35	-1,074	426	-68	44
5/31/2004	233	633	0	38	-1,073	441	-82	44
6/30/2004	234	667	0	37	-1,073	424	-96	41
7/31/2004	235	931	0	43	-1,317	469	-158	33
8/31/2004	236	960	0	43	-1,317	473	-186	28
9/30/2004	237	991	0	42	-1,317	467	-205	23
10/31/2004	238	-1,902	620	295	-173	1,250	-118	27
11/30/2004	239	966	0	39	-1,318	467	-181	26
12/31/2004	240	-2,221	740	326	-155	1,379	-101	31
1/31/2005	241	-5,068	1,768	705	-67	2,639	-15	37
2/28/2005	242	-3,509	1,076	500	-95	1,946	42	40
3/31/2005	243	-1,491	360	157	-276	1,075	128	47
4/30/2005	244	-56	22	38	-894	679	160	51
5/31/2005	245	314	0	35	-1,294	727	164	54

Table C-14. Flow Budget for the LAS in West Las Posas

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month						
		Mountain			West Las Posas		Oxnard	Pleasant
		Storage	Front Recharge	Recharge	MNW2	Posas UAS	Plain LAS	Valley LAS
6/30/2005	246	318	0	37	-1,294	732	155	52
7/31/2005	247	190	0	38	-1,194	772	144	50
8/31/2005	248	254	0	37	-1,194	762	93	48
9/30/2005	249	269	0	37	-1,194	744	99	45
10/31/2005	250	-478	59	58	-578	776	118	46
11/30/2005	251	338	0	37	-1,193	720	54	44
12/31/2005	252	389	0	37	-1,194	706	17	45
1/31/2006	253	-1,402	389	165	-328	1,093	41	43
2/28/2006	254	-1,487	388	186	-287	1,129	33	38
3/31/2006	255	-1,796	484	209	-254	1,227	87	43
4/30/2006	256	-1,687	415	192	-276	1,177	137	42
5/31/2006	257	-572	88	61	-554	793	141	44
6/30/2006	258	481	0	44	-1,365	750	54	37
7/31/2006	259	241	0	40	-1,081	735	26	41
8/31/2006	260	318	0	39	-1,081	699	-13	40
9/30/2006	261	372	0	38	-1,081	659	-24	36
10/31/2006	262	342	0	37	-1,081	665	1	36
11/30/2006	263	397	0	36	-1,081	635	-21	34
12/31/2006	264	79	17	40	-756	606	-21	36
1/31/2007	265	-875	226	115	-327	829	-9	40
2/28/2007	266	263	21	49	-869	535	-39	41
3/31/2007	267	605	0	40	-1,204	576	-64	47
4/30/2007	268	488	0	32	-1,034	511	-46	49
5/31/2007	269	661	0	40	-1,204	532	-79	51
6/30/2007	270	706	0	40	-1,204	502	-92	49
7/31/2007	271	841	0	45	-1,311	522	-130	33
8/31/2007	272	871	0	44	-1,311	512	-145	28
9/30/2007	273	886	0	43	-1,311	498	-140	24
10/31/2007	274	849	0	44	-1,311	516	-121	22
11/30/2007	275	854	0	45	-1,311	519	-125	18
12/31/2007	276	-943	348	138	-333	819	-54	26
1/31/2008	277	-3,460	1,225	462	-106	1,852	-5	33
2/29/2008	278	-575	151	93	-422	671	45	38
3/31/2008	279	615	0	47	-1,325	630	-19	52
4/30/2008	280	630	0	48	-1,325	658	-65	54
5/31/2008	281	647	0	50	-1,325	686	-114	56
6/30/2008	282	733	0	49	-1,325	645	-156	53
7/31/2008	283	1,086	0	55	-1,700	709	-204	53
8/31/2008	284	1,124	0	54	-1,700	694	-224	51
9/30/2008	285	1,164	0	54	-1,700	667	-233	48
10/31/2008	286	1,097	0	54	-1,700	684	-182	47
11/30/2008	287	-587	208	113	-487	776	-62	39
12/31/2008	288	-811	261	133	-415	848	-55	39
1/31/2009	289	735	0	36	-1,239	539	-127	55
2/28/2009	290	-1,997	612	282	-168	1,269	-39	41
3/31/2009	291	742	0	36	-1,275	553	-119	63
4/30/2009	292	764	0	37	-1,274	537	-130	67
5/31/2009	293	764	0	38	-1,274	543	-138	67
6/30/2009	294	788	0	38	-1,274	528	-144	64

Table C-14. Flow Budget for the LAS in West Las Posas

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month						
		Mountain			West Las Posas		Oxnard	Pleasant
		Storage	Front Recharge	Recharge	MNW2	Posas UAS	Plain LAS	Valley LAS
7/31/2009	295	1,129	0	50	-1,625	596	-209	60
8/31/2009	296	1,162	0	49	-1,625	588	-231	57
9/30/2009	297	1,195	0	48	-1,625	572	-244	54
10/31/2009	298	-543	266	116	-469	734	-146	43
11/30/2009	299	1,210	0	48	-1,625	551	-231	47
12/31/2009	300	-1,140	419	185	-360	953	-98	42
1/31/2010	301	-2,367	779	327	-170	1,396	-12	47
2/28/2010	302	-1,466	414	217	-255	1,025	15	50
3/31/2010	303	732	0	40	-1,407	593	-54	96
4/30/2010	304	-231	107	74	-626	602	-12	85
5/31/2010	305	721	0	43	-1,407	607	-72	108
6/30/2010	306	756	0	42	-1,407	591	-92	109
7/31/2010	307	1,178	0	55	-1,821	684	-200	104
8/31/2010	308	1,217	0	55	-1,821	681	-231	99
9/30/2010	309	1,252	0	56	-1,821	670	-250	93
10/31/2010	310	-695	263	119	-497	824	-111	97
11/30/2010	311	693	15	53	-1,261	568	-159	91
12/31/2010	312	-3,590	1,132	503	-132	2,024	-27	91
1/31/2011	313	686	0	42	-1,465	641	-19	116
2/28/2011	314	-1,143	266	149	-337	900	64	100
3/31/2011	315	-2,693	748	347	-165	1,570	104	89
4/30/2011	316	544	0	42	-1,481	717	55	123
5/31/2011	317	427	0	39	-1,349	727	25	131
6/30/2011	318	600	0	43	-1,481	729	-21	131
7/31/2011	319	781	0	54	-1,657	787	-77	114
8/31/2011	320	829	0	54	-1,657	768	-99	105
9/30/2011	321	890	0	53	-1,657	728	-110	96
10/31/2011	322	-240	107	69	-763	755	-26	98
11/30/2011	323	-547	138	91	-546	772	-4	96
12/31/2011	324	899	0	51	-1,657	697	-86	96
1/31/2012	325	-94	57	69	-791	687	-32	103
2/29/2012	326	1,209	0	56	-1,931	658	-98	106
3/31/2012	327	-750	194	126	-505	870	-42	107
4/30/2012	328	-284	129	91	-686	694	-49	106
5/31/2012	329	1,212	0	58	-1,931	655	-110	116
6/30/2012	330	1,223	0	58	-1,931	657	-125	117
7/31/2012	331	1,234	0	57	-1,900	706	-206	110
8/31/2012	332	1,267	0	58	-1,900	697	-226	105
9/30/2012	333	1,306	0	57	-1,900	676	-237	98
10/31/2012	334	808	119	71	-1,569	708	-236	99
11/30/2012	335	260	120	74	-1,065	663	-147	96
12/31/2012	336	-604	286	114	-617	826	-102	96
1/31/2013	337	-158	103	68	-558	565	-111	90
2/28/2013	338	844	0	40	-1,259	482	-181	75
3/31/2013	339	642	0	36	-1,060	451	-152	82
4/30/2013	340	867	0	41	-1,259	475	-196	73
5/31/2013	341	925	0	42	-1,259	449	-210	53
6/30/2013	342	958	0	43	-1,259	432	-213	41
7/31/2013	343	1,128	0	50	-1,484	503	-236	40

Table C-14. Flow Budget for the LAS in West Las Posas

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Date	Stress Period	Influx(+) or Outflux(-), in acre-feet per month						
		Mountain					West Las Posas UAS	Oxnard Plain LAS
		Storage	Front Recharge	Recharge	MNW2			
8/31/2013	344	1,139	0	50	-1,484	513	-252	35
9/30/2013	345	1,158	0	50	-1,484	510	-262	28
10/31/2013	346	1,173	0	49	-1,484	515	-277	23
11/30/2013	347	1,064	0	44	-1,337	478	-269	20
12/31/2013	348	1,201	0	49	-1,484	510	-290	15
1/31/2014	349	1,193	0	47	-1,462	509	-310	23
2/28/2014	350	-1,223	433	208	-261	999	-171	15
3/31/2014	351	344	71	67	-753	452	-210	28
4/30/2014	352	1,186	0	46	-1,462	465	-271	37
5/31/2014	353	1,176	0	48	-1,462	492	-288	35
6/30/2014	354	1,182	0	49	-1,462	493	-292	30
7/31/2014	355	1,147	0	50	-1,422	505	-308	27
8/31/2014	356	1,103	0	48	-1,366	504	-313	23
9/30/2014	357	1,121	0	47	-1,366	492	-312	19
10/31/2014	358	1,129	0	46	-1,366	496	-322	17
11/30/2014	359	847	6	43	-1,058	435	-286	14
12/31/2014	360	-1,509	510	249	-205	1,106	-173	20
1/31/2015	361	-578	227	113	-288	643	-149	32
2/28/2015	362	938	0	38	-1,156	368	-232	43
3/31/2015	363	822	0	36	-1,031	375	-245	43
4/30/2015	364	927	0	40	-1,156	395	-249	43
5/31/2015	365	876	0	36	-1,092	395	-258	43
6/30/2015	366	931	0	39	-1,156	407	-259	39
7/31/2015	367	657	36	45	-926	431	-270	27
8/31/2015	368	1,075	0	42	-1,317	444	-269	24
9/30/2015	369	1,086	0	42	-1,320	441	-267	18
10/31/2015	370	1,083	0	42	-1,318	453	-274	14
11/30/2015	371	1,083	0	44	-1,320	454	-272	11
12/31/2015	372	1,086	0	44	-1,320	459	-278	9
monthly average		188	145	95	-1,068	703	-96	35
annual average		2,256	1,734	1,135	-12,820	8,432	-1,156	418

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