

TABLE 1.1

HALF MOON BAY STATION NUMBER 43714  
MONTHLY PRECIPITATION IN INCHES

Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Totals	
													Calendar	Water
1939	m	m	m	m	m	m	0.00	0.00	0.48	0.55	0.46	0.90	2.39	m
1940	10.48	8.33	6.32	0.48	0.41	0.00	0.00	0.00	0.37	1.11	0.51	6.19	34.20	28.30
1941	8.58	7.05	4.99	4.88	1.07	0.11	0.03	0.00	0.00	1.09	2.00	8.93	38.73	34.52
1942	6.36	4.27	2.61	4.16	1.32	0.12	0.00	0.00	0.16	1.24	4.50	3.09	27.83	31.02
1943	7.93	2.97	3.89	1.78	0.09	0.34	0.00	0.00	0.00	1.15	1.02	2.75	21.92	25.83
1944	3.67	5.79	0.77	2.76	1.05	0.45	0.00	0.00	0.00	2.99	5.60	3.67	26.75	19.41
1945	0.65	4.47	3.93	0.44	0.94	0.07	0.00	0.00	0.04	2.09	4.48	7.23	24.34	22.80
1946	1.68	2.89	2.44	0.18	0.89	0.00	0.20	0.00	0.08	0.29	3.32	2.59	14.56	22.16
1947	1.00	1.98	3.22	0.24	0.44	0.84	0.00	0.00	0.00	3.23	1.23	1.37	13.55	13.92
1948	0.65	2.17	3.38	3.52	0.52	0.11	0.00	0.00	0.04	0.55	0.66	4.99	16.59	16.22
1949	1.73	3.91	4.96	m	0.41	0.00	0.00	0.17	m	m	m	m	11.18	m
1950	m	m	1.34	2.12	0.37	0.14	0.00	t	0.08	1.95	5.46	6.01	17.47	m
1951	5.11	2.98	2.84	0.91	0.98	0.17	0.12	0.00	0.28	1.16	4.15	11.30	30.00	26.81
1952	9.31	2.20	6.21	0.62	0.45	1.14	0.03	0.00	0.15	0.27	2.66	11.36	34.40	36.72
1953	4.55	0.09	1.87	3.17	0.60	0.56	0.00	0.53	0.12	0.67	3.33	1.04	16.53	25.78
1954	4.18	2.58	5.03	1.49	0.06	0.64	0.10	0.55	0.08	0.23	1.96	4.53	21.43	19.75
1955	5.06	1.37	0.28	2.50	0.36	0.07	0.17	0.12	0.28	0.21	2.32	13.81	26.55	16.93
1956	11.38	2.81	0.00	1.88	1.37	0.07	0.25	0.45	0.45	1.75	t	0.57	20.98	35.00
1957	3.31	4.42	5.98	1.65	4.10	0.08	t	0.08	1.08	3.17	1.78	3.88	29.53	23.02
1958	6.23	10.79	9.38	5.83	0.68	0.71	0.38	0.00	0.18	0.27	0.50	1.89	36.84	43.01
1959	5.07	5.64	0.64	0.42	0.36	t	0.00	0.21	3.66	0.40	0.00	1.97	18.37	18.66
1960	5.29	4.66	1.90	1.27	0.71	t	t	0.00	t	0.88	5.12	1.70	21.53	16.20
1961	3.05	1.89	3.25	1.06	1.73	0.22	t	0.10	0.57	0.12	3.66	3.18	18.83	19.57
1962	2.09	8.64	3.52	0.82	0.24	0.00	0.00	0.29	0.51	10.97	0.60	3.57	31.25	23.07
1963	3.44	3.65	4.33	5.08	0.64	0.00	0.00	0.03	0.09	2.48	4.00	1.04	24.78	32.40
1964	5.32	0.52	2.46	0.23	0.47	0.58	0.00	t	t	1.89	3.11	7.50	22.08	17.10
1965	4.41	1.40	1.58	5.22	t	0.06	t	0.23	t	t	5.58	4.96	23.44	25.40
1966	3.77	3.51	0.68	0.71	0.20	t	0.12	0.27	0.25	t	5.18	3.62	18.31	20.05
1967	10.44	0.25	6.18	7.43	0.25	1.44	0.00	0.00	t	0.76	2.13	2.89	31.77	34.79
1968	6.19	2.62	5.78	0.61	0.24	t	0.00	0.28	0.00	0.65	2.69	5.90	24.96	21.50
1969	8.06	8.68	2.07	2.76	0.06	0.40	0.00	0.00	0.21	1.73	0.76	4.55	29.28	31.48
1970	8.49	2.31	2.04	0.32	0.27	0.21	0.00	0.00	0.00	0.90	8.41	7.67	30.62	20.68
1971	1.61	0.76	3.49	1.51	0.53	0.08	0.28	0.36	0.40	0.23	2.29	5.10	16.64	26.00
1972	1.27	1.33	0.19	1.25	0.11	0.28	0.00	0.00	0.98	6.90	6.49	3.17	21.97	13.03
1973	8.78	7.33	4.28	0.23	0.21	0.05	0.00	0.09	0.62	3.04	9.50	6.32	40.45	38.15
1974	4.87	2.16	7.20	3.22	0.01	0.50	1.01	0.13	t	1.36	0.64	3.64	24.74	37.96
1975	2.95	4.88	7.11	2.14	0.10	0.28	0.52	0.59	0.02	4.49	0.85	0.69	24.62	24.23
1976	0.52	2.54	1.13	2.04	0.13	0.04	0.14	1.56	0.59	0.30	1.73	2.41	13.13	14.72
1977	2.26	1.31	3.15	0.20	1.23	t	0.16	0.27	1.59	0.47	3.37	5.60	19.61	14.61
1978	9.01	5.62	5.58	4.50	0.00	0.00	0.00	0.00	0.00	0.05	3.04	0.83	28.63	34.15
1979	8.11	6.27	4.83	0.89	0.85	0.00	0.29	0.13	0.00	3.23	3.97	5.76	34.33	25.29
1980	5.40	7.49	1.90	1.88	0.32	0.03	0.07	0.05	0.18	0.18	0.65	2.44	20.59	30.28
1981	7.48	2.42	4.71	0.24	0.33	0.00	0.00	0.42	0.37	3.98	7.08	6.00	33.03	19.24
1982	12.01	5.11	7.91	5.02	0.00	0.42	0.00	0.15	1.73	3.82	7.03	5.41	48.61	49.41
1983	8.98	9.14	13.05	3.33	0.89	0.03	0.00	0.14	0.80	1.12	8.07	9.46	55.01	52.62
1984	0.26	2.15	2.12	1.09	0.20	0.46	0.06	0.33	0.18	3.81	9.86	3.20	23.72	25.50
1985	1.02	2.90	5.07	0.13	0.32	0.47	0.31	0.05	0.40	1.51	m	3.18	15.36	27.54
1986	4.98	11.48	7.12	0.50	0.84	0.09	0.08	0.25	2.20	0.42	0.32	3.10	31.38	m
1987	5.10	3.87	4.16	0.95	0.06	0.08	0.00	0.10	0.00	2.13	2.63	6.03	25.11	18.16
1988	4.48	0.58	0.12	3.04	0.69	0.29	0.15	0.01	0.02	0.94	3.55	5.17	19.04	20.17
1989	2.01	1.30	7.95	1.83	0.31	0.10	0.13	0.27	0.95	2.05	1.95	0.03	18.88	24.51
1990	4.29	2.52	1.33	0.29	2.82	0.46	0.24	0.14	0.33	0.55	0.74	2.58	16.29	16.45
1991	0.56	4.19	8.81	0.90	0.67	0.32	0.27	0.92	0.25	2.63	1.01	3.60	24.13	20.76
1992	3.18	8.70	3.45	0.40	0.06	0.84	0.02	0.18	0.12	2.88	0.67	8.10	28.60	24.19
1993	9.21	5.59	2.79	1.68	1.38	0.48	0.06	0.17	0.21	0.62	1.55	2.77	26.51	33.22
1994	2.63	5.61	0.77	1.85	1.64	0.11	0.13	0.17	0.09	0.08	5.34	3.93	22.35	17.94
1995	11.38	0.26	8.71	2.35	1.54	0.78	0.05	0.05	0.15	0.07	0.30	8.25	33.89	34.62
1996	8.27	7.05	3.34	1.98	2.16	0.13	0.06	0.07	0.20	1.47	2.71	8.83	36.27	31.88
1997	9.86	0.29	0.59	0.96	0.44	0.57	0.13	0.77	0.08	0.77	7.84	3.65	25.95	26.70
1998	12.13	15.70	2.58	2.73	4.01	0.30	0.18	0.06	0.25	0.99	3.75	2.12	44.80	50.20
1999	6.40	7.60	4.82	2.73	0.12	0.46	0.05	0.34	0.21	0.82	2.94	0.93	27.42	29.59
2000	7.53	11.27	2.45	3.10	1.72	0.18	0.26	0.19	0.41	3.74	1.30	0.69	32.84	31.80
2001	5.75	6.44	1.67	2.19	0.02	0.12	0.28	0.39	0.26	0.47	m	m	17.59	22.85
2002	m	m	m	m	m	m	0.18	0.21	m	m	m	m	0.39	m
AVG	5.41	4.40	3.81	1.96	0.74	0.29	0.11	0.19	0.40	1.66	3.19	4.39	25.20	26.40
MAX	12.13	15.70	13.05	7.43	4.10	1.44	1.01	1.56	3.66	10.97	9.86	13.81	55.01	52.62
MIN	0.26	0.09	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.03	0.39	13.03

**Well Reports for Coastside County Water District - Use, Name, Date**

DWR No <sup>1</sup>	T/R <sup>2</sup>	Sec <sup>2</sup> Let <sup>2</sup>	Name <sup>3</sup>	Address <sup>3</sup>	APN <sup>4</sup>	Date <sup>5</sup>	TD <sup>6</sup>	CD <sup>6</sup>	USE <sup>7</sup>	Meth. <sup>8</sup>	Mater. <sup>9</sup>	Dia. <sup>10</sup>	Top <sup>11</sup>	Bott. <sup>11</sup>	Total <sup>11</sup>	T/Br <sup>12</sup>	SWL <sup>13</sup>	Q <sup>14</sup>	t <sup>15</sup>	PWL <sup>16</sup>	DD <sup>17</sup>	Driller <sup>18</sup>
<b>DOMESTIC WELLS</b>																						
295445	5S/5W	32 -	Accent Homes Inc	Metzgar	064-221-020	Apr-89	87	85	D	R	PVC	5	45	85	40	t	34	15	4	44	10	Wilk.
295402	5S/5W	18 L	Aceituno	Alto	048-064-270	Oct-88	88	85	D	R	PVC	5	45	86	41	t	29	3	6	-	-	Wilk.
248863	5S/5W	29 P	Allen/Semancik	Correas	056-117-070	Feb-87	80	70	D	A	PVC	5	30	70	40	t	41	25	6	45	4	EF
261268	5S/5W	32 D	Andreotti	Garcia	056-104-080	Oct-87	75	70	D	AR	PVC	5	30	70	40	t	37	20	4	47	10	CSD
259442	5S/5W	29 N	Andreotti/Pepper	Potter/Miram.	056-101-160	Mar-88	75	75	D	AR	PVC	5	45	75	30	t	33	16	4	44	11	CSD
259422	5S/5W	19 C	Archer	Alameda	048-115-210	Jan-88	65	65	D	AR	PVC	5	30	60	30	t	7	16	4	16	10	CSD
277727	5S/5W	32 D	Arella	St. John	056-103-170	Oct-88	80	77	D	R	PVC	5	37	77	40	t	41	12	4	47	6	Wilk.
31832	5S/5W	33 -	Atwood	Higgins Cyn		Jul-77	165	165	D	R	PVC	5	20	165	145	br	20	2	2	125	105	D
317809	5S/5W	29 B	<b>Avila</b>	Silver	<b>056-082-620</b>	May-89	60	60	D	R	PVC	-	-	-	-	t	27	3	4	61	34	Wilk.
299045	5S/5W	32 D	Ayers	Garcia	056-132-080	Oct-87	80	78	D	A	PVC	5	38	78	40	t	40	12	6	50	10	EF
273993	6S/4W	8 N	Bancroft	Tunitas Crk.		Jan-89	248	245	D	AR	PVC	5	185	245	60	br	-	-	-	-	-	CSD
259475	5S/5W	29 N	Banks	Valdez/Potter	056-104-030	Mar-88	75	75	D	AR	PVC	5	45	75	30	t	36	9	4	40	4	CSD
31708	5S/5W	18 M	Barizon	Medio/El G.	048-037-020	Oct-85	70	64	D	R	PVC	5	44	64	20	t	29	6	6	37	8	D
62199	5S/4W	31 C	Barnett	Skyline		Feb-62	135	135	D	R	Steel	6	-	-	-	br	37	-	-	-	-	D
813297	7S/5W	- -	Barrera	Stage/Hwy 1	081-030-010	Jul-99	200	200	D	AR	PVC	5	20	80	60	br	40	5	2	-	-	EF
17453	5S/5W	20 P	Barrette	Grand View	048-256-020	Mar-87	82	82	D	R	PVC	5	30	80	50	t	9	10	8	15	6	D
277716	5S/5W	29 -	Batt	Willow	<b>056-142-130</b>	Aug-88	78	72	D	R	PVC	5	32	72	40	t	32	13	4	54	22	Wilk.
155758	5S/5W	17 -	Bay City Flower Co.	Frenchman C.	048-320-020	Jan-85	43	43	D	O	PVC	5	30	41	9	t	11	2	48	35	25	Wilk.
227924	5S/5W	32 C	BCT Devel. Inc	Granelli/Alsace	056-135-160	Apr-87	84	84	D	R	PVC	5	34	84	50	t	40	30	6	60	20	Garcia
259411	5S/5W	32 D	BCT Devel. Inc	Valdez/Alsace	056-114-030	Dec-87	75	73	D	AR	PVC	5	43	73	30	t	27	21	4	37	10	CSD
19961	5S/5W	29 -	Becker	Valdez	056-114-090	Sep-89	80	80	D	R	PVC	5	40	80	40	t	30	5	6	54	24	D
13930	5S/5W	33 R	Beeson	Higgins Cyn		Oct-70	125	125	D	R	Steel	6	20	125	105	t	10	6	2	60	50	D
19950	5S/5W	29 -	Bello	Belleville	056-058-060	Oct-88	80	80	D	R	PVC	5	40	80	40	t	-	-	-	-	-	D
80265	6S/4W	5 F	Bengtsson	Skyline		Jul-66	176	176	D	R	Steel	6	-	-	-	br	10	-	-	-	-	D
299095	5S/5W	32 D	Bennett	Alsace	056-118-010	Apr-88	100	100	D	A	PVC	5	40	80	40	t	40	23	4	48	8	EF
299094	5S/5W	32 D	Bennett	Valdez	056-118-010	May-88	100	100	D	A	PVC	5	40	80	40	t	43	10	4	47	4	EF
156369	5S/5W	29 -	<b>Bennette</b>	Silver	<b>056-082-630</b>	Jun-89	60	60	D	R	PVC	5	30	60	30	t	36	15	6	42	6	D
313009	5S/5W	19 R	Bennie	Pilarcitos	048-203-180	Sep-88	100	100	D	A	PVC	5	80	100	20	t	15	15	4	20	5	EF
248895	5S/5W	18 P	Bertolucci	El Granada	048-116-100	Feb-87	100	100	D	A	PVC	5	20	80	60	t	11	25	6	17	6	EF
248896	5S/5W	18 P	Bertolucci	El Granada	048-116-100	Feb-87	100	95	D	A	PVC	5	20	80	60	t	11	10	6	14	3	EF
317808	5S/5W	29 B	<b>Bhaets</b>	Silver	<b>056-062-580</b>	Jun-86	67	70	D	R	PVC	5	28	68	40	t	20	13	6	59	39	Wilk.
259408	5S/5W	29 N	Blackketter	Miramontes	056-112-040	Nov-87	75	70	D	AR	PVC	5	40	70	30	t	39	21	4	45	6	CSD
299029	5S/5W	29 N	Blake	Correas	056-107-020	Oct-87	80	80	D	A	PVC	5	40	80	40	t	38	20	4	41	3	EF
248871	5S/5W	18 M	Bolding	Medio	048-034-010	-	80	80	D	A	PVC	5	40	80	40	t	28	25	6	47	19	EF
248856	5S/5W	29 N	Bolfing	Correas	056-117-050	Dec-86	80	70	D	A	PVC	-	70	80	10	t	40	13	6	60	20	EF
208310	5S/5W	18 -	Bollinger	Alto	048-064-100	Nov-85	82	82	D	AR	PVC	5	20	82	62	t	22	6	2	46	24	EF
24639	5S/5W	21 J	Bondgard	Highway 92		May-56	52	52	D	C	Steel	8	16	48	32	t	16	20	7	29	13	D
259447	5S/5W	29 N	Bortin	Miramontes	<b>056-112-010</b>	Dec-87	70	70	D	AR	PVC	5	40	70	30	t	35	23	4	43	8	CSD
56680	6S/4W	5 -	Bradley	Skyline		Sep-59	170	170	D	C	Steel	12	60	170	110	br	120	10	2	155	35	Hatch
24767	6S/4W	5 Q	Brown	Skyline		Dec-57	72	72	D	C	Steel	8	20	68	48	br	20	-	-	-	-	D
17477	5S/5W	19 C	Brown	Alameda	048-095-030	Jul-87	80	80	D	R	PVC	5	40	80	40	t	8	14	8	22	14	D
277729	5S/5W	32 D	Bruner Const.	Vicente	<b>056-108-150</b>	Oct-88	84	84	D	R	PVC	5	44	84	40	t	42	14	4	45	3	Wilk.
149539	5S/5W	18 -	Bullok	Miramar D.		Apr-86	100	80	D	AR	PVC	6	30	80	50	br	-	-	-	-	-	HAM
299018	5S/5W	32 D	Burnett	Central	056-133-060	Oct-87	80	80	D	A	PVC	5	40	80	40	t	40	20	6	44	4	EF
813244	7S/5W	- -	Cahill	L Honda	081-021-060	Aug-98	75	75	D	MR	PVC	5	35	75	40	br	25	5	2	-	-	EF
261263	5S/5W	29 N	Cakebread	Valdez	056-103-130	Sep-87	75	70	D	AR	PVC	5	30	70	40	t	-	20	-	-	-	CSD

299013	5S/5W	19 R	Callan	Beach	048-211-130	Aug-87	80	75	D	AR	PVC	5	20	55	35	t	20	30	6	23	3	EF
299026	5S/5W	32 A	Callan	Magnola	064-341-070	Oct-87	80	80	D	A	PVC	5	40	80	40	t	40	25	6	50	10	EF
299043	5S/5W	32 E	Callan	Poplar	064-201-220	Nov-87	80	75	D	A	PVC	5	35	75	40	t	40	24	6	50	10	EF
299044	5S/5W	32 E	Callan	Poplar	064-202-370	Nov-87	80	75	D	A	PVC	5	35	75	40	t	43	7	6	44	1	EF
299074	5S/5W	32 E	Callan	Poplar	064-202-380	Mar-88	75	75	D	A	PVC	5	35	75	40	t	50	25	6	54	4	EF
299075	5S/5W	32 E	Callan	Poplar	064-231-230	Mar-88	80	60	D	A	PVC	5	20	60	40	t	50	30	6	53	3	EF
295416	5S/5W	32 D	Callan	Granelli	056-133-200	Dec-88	96	88	D	R	PVC	5	48	88	40	t	41	13	4	51	10	Wilk.
295417	5S/5W	32 D	Callan	Granelli	056-133-200	Dec-88	88	88	D	R	PVC	5	48	88	40	t	40	12	4	50	10	Wilk.
261252	5S/5W	31 A	Canada	Ocean	056-133-120	Oct-87	75	75	D	AR	PVC	5	35	75	40	t	15	-	-	-	-	CSD
17591	5S/5W	29 -	Carey	Kelly/Potter	056-101-080	Apr-89	92	90	D	R	PVC	5	20	90	70	t	30	4	10	37	7	ASE
17592	5S/5W	29 -	Carey	Kelly/Potter	056-105-010	Apr-89	85	85	D	R	PVC	5	20	85	65	t	34	4	10	36	2	ASE
17593	5S/5W	29 -	Carey	Kelly/Potter	056-105-010	Apr-89	80	80	D	R	PVC	5	20	80	60	t	32	10	4	34	2	ASE
56683	6S/4W	5 Q	Carter	Skyline		Oct-59	125	125	D	C	Steel	6	98	125	25	br	90	8	2	110	20	Hatch
277707	5S/5W	29 N	Carter	Miram/Potter	056-101-090	Jun-88	100	100	D	R	PVC	5	60	100	40	t	23	13	4	49	26	Wilk.
17552	5S/5W	29 F	Carvalho	Belleville	056-053-160	Feb-87	75	60	D	AR	PVC	6	40	60	20	t	-	50	-	-	-	HAM
259410	5S/5W	32 D	Cavanaugh	Granelli/RR	056-113-160	Dec-87	75	75	D	AR	PVC	5	40	70	30	t	38	20	4	47	9	CSD
259448	5S/5W	32 D	Cavanaugh	Central/RR	056-131-130	Dec-87	75	75	D	AR	PVC	5	38	68	30	t	38	7	3	40	2	CSD
259449	5S/5W	32 D	Cavanaugh	Potter/RR	056-131-140	Dec-87	75	75	D	AR	PVC	5	45	72	27	t	37	7	4	40	3	CSD
13660	5S/5W	11 E	CCWD	Pilarcitos Cyn		Apr-69	80	80	D	-	Steel	10	12	76	64	Qal	10	-	-	-	-	D
200173	5S/5W	32 -	Chimiente	Garcia/Miram.	056-104-130	Jan-88	88	87	D	R	PVC	5	31	87	56	t	35	30	1	45	10	Wilk.
59988	4S/6W	34 G	Citizens Util.	Montara		Jun-76	194	194	D	R	Steel	6	184	189	5	br	36	-	-	-	-	D
535136	7S/5W	1 -	Coles	Irish Ridge	066-240-090	Jul-98	300	300	D	AR	PVC	5	80	300	160	br	75	6	2	-	-	EF
17478	5S/5W	32 D	Cook	Garcia/Potter	056-131-120	Jul-87	80	80	D	R	PVC	5	40	80	40	t	35	20	4	41	6	D
154378	5S/5W	19 C	Cooper	Roosevelt	048-114-010	Nov-86	70	61	D	AR	PVC	5	-	-	-	t	11	20	6	21	10	EF
17582	5S/5W	32 -	Corado, Inc.	Main	064-370-040	Feb-89	99	95	D	R	PVC	6	30	95	65	t	18	10	10	28	10	ASE
277726	5S/5W	29 N	Costa	Correas	056-116-110	Oct-88	86	80	D	R	PVC	5	40	80	40	t	37	12	4	59	22	Wilk.
361453	7S/5W	- -	Cunha	La Honda		May-91	203	203	D	AR	PVC	5	120	200	80	br	66	5	6	180	134	PDP
259484	5S/5W	18 P	D&K Const.	Ventura	048-091-080	May-88	55	52	D	AR	PVC	5	27	52	25	t	20	20	5	31	11	CSD
261295	5S/5W	30 R	D&T Const.	Miramontes		Nov-87	68	68	D	AR	PVC	5	38	68	30	t	37	21	4	46	9	CSD
62289	5S/5W	8 -	Dalmo Victor Co.	Ox Mtn.		Jul-62	192	192	D	R	Steel	6	50	192	142	br	55	-	-	-	-	D
56681	6S/4W	5 -	Danielson	Skyline		Oct-59	135	135	D	C	Steel	8	75	135	60	br	70	12	2	100	30	Hatch
62285	5S/4W	30 P	Davis	Skyline		Jun-62	150	150	D	R	Steel	6	40	146	106	br	74	15	2	106	32	D
198340	5S/5W	29 N	Daylight Nursey	Miramontes	056-260-040	Aug-87	65	60	D	R	PVC	8	15	45	30	t	8	70	-	-	-	M
813234	7S/5W	- -	Deeney	Tunitas Crk.	066-330-040	Sep-98	155	155	D	AR	PVC	5	95	155	60	br	100	10	2	-	-	EF
19948	5S/5W	29 -	del Porto	Highland	056-088-200	Jul-89	70	70	D	R	PVC	5	40	70	30	t	39	5	6	-	-	D
317861	5S/5W	29 -	del Porto	Highland		Apr-90	80	80	D	R	PVC	5	40	80	40	t	27	1	1	70	43	Wilk.
198528	6S/4W	8 -	Diederich	Skyline		Jun-85	255	255	D	AR	PVC	5	60	255	196	br	100	15	3	-	-	MWD
200172	5S/5W	32 -	Diflippo	Correas/Potter	056-103-080	Jan-88	87	83	D	R	PVC	5	33	83	50	t	35	30	1	45	10	Wilk.
17589	5S/5W	29 -	Diversified Bldg.	Valdez/Potter		Apr-89	93	91	D	R	PVC	5	20	91	71	t	38	10	4	40	2	ASE
273918	5S/5W	18 P	Doherty	Valencia	048-092-380	Jun-88	215	205	D	AR	PVC	-	105	205	100	br	-	-	-	-	-	CSD
259453	5S/5W	29 N	Donahue	Valdez/Potter	056-104-050	Dec-87	75	75	D	AR	PVC	5	40	70	30	t	-	15	-	-	-	CSD
317826	5S/5W	29 -	Donald	Highland	056-085-490	Jul-89	75	70	D	R	PVC	5	30	70	40	t	37	3	4	50	13	Wilk.
346263	5S/6W	11 -	Donald	Vallejo	047-103-110	Nov-91	110	110	D	R	PVC	5	40	110	70	t	12	3	6	87	75	Wilk.
495311	5S/5W	29 -	Donald	Highland	047-046-150	Jun-93	100	80	D	AR	PVC	5	45	85	40	t	35	3	4	71	36	EF
317821	5S/5W	29 -	Dooly	Silver	056-062-600	Jul-89	70	55	D	R	PVC	5	20	55	35	t	13	11	4	27	14	Wilk.
259476	5S/5W	18 P	Downs	Champ./Roos.	048-125-190	Apr-88	65	65	D	AR	PVC	5	40	60	20	t	28	3	4	38	10	CSD
813257	7S/5W	- -	Dunn	L Honda	082-110-030	Dec-98	300	300	D	AR	PVC	5	140	280	120	br	150	10	2	-	-	EF
24632	5S/5W	30 J	Dutra	Balboa		Sep-55	60	60	D	C	Steel	12	16	56	40	t	20	-	-	-	-	D
31717	5S/5W	30 H	Dutra	Balboa	056-031-040	Nov-85	100	90	D	R	PVC	5	40	90	50	t	17	30	6	21	4	D
154366	5S/5W	32 D	Dye	Garcia/Miram.	056-131-070	Aug-86	68	67	D	AR	PVC	5	40	60	20	t	36	12	7	60	24	EF
107510	7S/5W	7 -	Dymond	San Gregorio		Feb-65	112	112	D	R	Steel	6	16	108	92	t	9	7	2	59	50	D
277720	5S/5W	29 N	Eisenberg	Valdez	056-107-090	Aug-88	94	93	D	R	PVC	5	53	93	40	t	41	15	4	-	-	Wilk.

277721	5S/5W	29 N	Eisenberg	Valdez	056-107-100	Aug-88	95	93	D	R	PVC	5	53	93	40	t	41	12	7	-	-	Wilk.
20233	5S/5W	24 F	Epsen	Skyline		Jun-74	235	230	D	R	Steel	6	10	230	220	br	45	7	2	-	-	D
111709	5S/5W	21 D	Erica Nursey	Highway 92		Mar-76	100	100	D	R	Steel	6	20	100	80	Qal	12	25	3	22	10	D
313012	5S/5W	29 P	Evens	Pine/Pilarc.	056-145-200	Jun-88	100	100	D	A	PVC	5	40	80	40	t	30	30	24	35	5	EF
259454	5S/5W	29 N	Falvie	Potter/Miram.	056-102-060	Dec-87	75	75	D	AR	PVC	5	40	70	30	t	30	20	-	-	-	CSD
261290	6S/4W	8 P	Fausner/Ragan	Woodside		Nov-87	170	170	D	AR	PVC	5	90	170	80	br	-	-	-	-	-	CSD
17595	5S/5W	32 D	Fellows Const.	Valdez		May-89	87	87	D	R	PVC	5	-	-	-	t	32	5	4	-	-	ASE
259461	5S/5W	32 D	Fields	Myrtle	064-051-180	Apr-88	75	75	D	AR	PVC	5	35	65	30	t	33	15	4	38	5	CSD
80261	5S/5W	30 H	Fijn	Dutra		Jun-66	80	80	D	C	Steel	8	20	76	56	t	15	15	2	20	5	D
31460	5S/5W	32 D	Fitzpatrick	Valdez/Miram.		Aug-86	80	80	D	AR	PVC	5	50	80	30	t	35	15	5	48	13	D
17436	5S/5W	32 D	Fitzpatrick	Valdez	056-104-140	Mar-88	83	80	D	R	PVC	5	40	80	40	t	39	23	4	43	4	D
259444	5S/5W	32 D	Flannery	Central/RR	056-131-060	Mar-88	75	75	D	AR	PVC	5	45	75	30	t	-	-	-	-	-	CSD
261270	5S/5W	29 N	Flannery Const.	Correas	056-112-020	Oct-87	75	75	D	AR	PVC	5	40	75	35	t	-	20	-	-	-	CSD
277702	5S/5W	29 P	Floyd	Alsace	056-116-250	Mar-88	75	71	D	R	PVC	5	31	71	40	t	41	5	4	44	3	Wilk.
277706	5S/5W	18 P	Fogli	Ventura	048-094-240	Apr-88	70	74	D	R	PVC	5	30	70	40	t	6	5	6	35	29	Wilk.
317801	5S/5W	32 D	Folan	Central	056-133-080	May-89	90	83	D	R	PVC	5	43	83	40	t	38	16	4	-	-	Wilk.
346262	5S/5W	33 -	Frey	Higgins Cyn	066-152-060	Oct-91	180	180	D	R	PVC	5	40	180	140	br	45	3	6	128	83	Wilk.
24751	6S/4W	5 E	Frieling	Skyline		Oct-56	90	90	D	C	Steel	8	58	90	32	br	72	-	-	-	-	D
277722	5S/5W	29 N	Fulwiler/James	Miramontes	056-105-080	Feb-88	85	79	D	R	PVC	5	39	79	40	t	32	14	4	52	20	Wilk.
273989	5S/5W	32 D	Fulwiler/James	Granelli	056-134-080	Nov-88	100	-	D	AR	oned	-	-	-	-	t	-	-	-	-	-	CSD
273983	5S/5W	32 D	Fulwiler/James	Granelli	056-134-080	Dec-88	75	75	D	AR	PVC	5	45	75	30	t	45	17	3	48	4	CSD
41168	6S/4W	8 -	Galvin	Skyline		Jun-57	120	120	D	-	Steel	14	9	66	27	Qal	-	-	-	-	-	C&N
201462	5S/5W	32 A	Gamboa	Arroyo Leon	056-200-560	Sep-87	112	90	D	AR	PVC	6	50	80	30	t	38	10	1	-	-	Landino
201463	5S/5W	32 A	Gamboa	Arroyo Leon	056-200-560	Sep-87	112	90	D	AR	PVC	6	50	80	30	t	32	25	2	-	-	Landino
201464	5S/5W	32 A	Gamboa	Arroyo Leon	056-200-560	Oct-87	112	100	D	AR	PVC	6	60	90	30	t	37	25	1	-	-	Landino
317822	5S/5W	29 -	Geacose	Highland	056-085-520	Jul-89	70	70	D	R	PVC	5	30	79	49	t	33	3	4	39	6	Wilk.
248889	5S/5W	18 P	Gibbs	Champ/Roos	048-116-110	Feb-87	120	115	D	A	PVC	5	20	80	60	t	11	25	6	17	6	EF
299081	5S/5W	19 C	Gibbs	Roosevelt	048-125-140	Mar-88	100	100	D	A	PVC	5	40	80	40	t	18	32	4	30	12	EF
31801	5S/5W	32 H	Giocotte	Metzgar		Mar-77	100	100	D	R	PVC	5	45	90	45	t	40	-	-	-	-	D
295419	5S/5W	30 R	Gleason	Ocean/Valdez	056-096-290	Oct-88	90	88	D	R	PVC	5	48	88	40	t	39	12	4	50	12	Wilk.
20201	5S/5W	17 -	Gonselves	Frenchman C.		Dec-72	105	105	D	R	Steel	6	40	90	30	t	40	-	-	-	-	D
4651	5S/5W	33 D	Gravane	Gravane R		Jul-54	110	100	D	C	Steel	8	30	96	66	t	25	-	-	-	-	D
295440	5S/5W	32 C	Greek	Garcia	056-118-130	Feb-89	98	98	D	R	PVC	5	-	-	-	t	-	-	-	-	-	Wilk.
62192	6S/4W	6 -	Greenfield	Higgins Cyn		Sep-61	85	85	D	R	Steel	6	18	85	67	Qal	18	20	4	42	24	D
226129	5S/5W	25 -	Gruppenstrok	Skyline	067-310-700	Oct-81	140	140	D	AR	PVC	5	60	135	75	br	53	15	3	110	57	EF
17577	5S/5W	32 D	Haight	Central		Jan-89	90	85	D	R	PVC	5	20	85	65	t	20	10	4	30	10	ASE
17424	5S/5W	32 D	Halpern	Potter/Garcia	056-108-090	Feb-88	80	80	D	R	PVC	5	40	80	40	t	38	-	-	43	5	D
17425	5S/5W	32 D	Halpern	Potter/Garcia	056-108-100	Feb-88	80	80	D	R	PVC	5	40	80	40	t	-	-	-	-	-	D
317851	5S/5W	29 -	Hamilton	Highland	056-085-500	Apr-90	80	78	D	R	PVC	5	20	80	60	t	39	9	6	62	23	Wilk.
154365	5S/5W	29 P	Hammer	Correas	056-116-190	Aug-86	78	78	D	AR	PVC	5	40	78	38	t	38	10	6	42	4	EF
261250	5S/5W	18 N	Hanson	Alameda	048-085-850	Aug-87	75	75	D	AR	PVC	5	30	60	30	t	18	20	6	39	21	HAM
248893	5S/5W	32 C	Harris	Aztec	056-118-040	Feb-87	80	69	D	A	PVC	5	20	80	60	t	39	9	6	40	1	EF
17404	5S/5W	29 N	Hartley	Miram./Potter	056-101-100	Sep-87	85	83	D	R	PVC	5	53	83	30	t	37	10	6	44	7	D
17489	5S/5W	32 -	Hatt	Spruce	064-141-490	Feb-89	80	80	D	R	PVC	5	40	80	40	t	39	5	6	48	9	D
17566	5S/5W	32 D	Hayes	Central	056-133-090	Jun-88	70	68	D	AR	PVC	5	38	68	30	t	22	15	-	-	-	CSD
19935	5S/5W	29 N	Hayes	Miram./Potter	056-106-070	Nov-88	80	80	D	R	PVC	5	50	80	30	t	40	23	6	45	5	D
19936	5S/5W	29 N	Hayes	Miram./Potter	056-106-080	Nov-88	80	80	D	R	PVC	5	50	80	30	t	40	18	6	45	5	D
19945	5S/5W	32 -	Hayes	Garcia/Miram.	056-118-090	Apr-89	80	80	D	R	PVC	5	-	-	-	t	40	10	6	47	7	D
19955	5S/5W	32 -	Hayes	Miram./RR	056-134-030	Jul-89	80	80	D	R	PVC	5	40	80	40	t	42	5	6	48	6	D
200181	5S/5W	29 P	Heaton	Correas	056-117-100	Mar-88	68	60	D	R	PVC	5	40	60	20	t	42	5	4	48	6	Wilk.
295450	5S/5W	29 B	Hill Enterprises	Terrace	056-082-090	Jan-89	70	63	D	R	PVC	5	23	63	40	t	-	13	4	-	-	Wilk.
259431	5S/5W	29 N	Hinthorn	Ocean/Miram.	056-101-140	Feb-88	75	75	D	AR	PVC	5	38	68	30	t	30	27	4	40	10	CSD

24766	5S/5W	31 -	Hodgekiss	Beach		Oct-57	65	65	D	C	Steel	8	16	64	48	t	27	-	-	-	-	D
261243	5S/5W	33 M	Hoffman	Higgins Cyn	066-152-110	Jul-87	225	225	D	AR	PVC	5	25	225	200	br	112	-	-	-	-	HAM
17433	5S/5W	32 -	Holmes	Granelli/RR	056-134-010	Nov-87	80	83	D	R	PVC	5	53	83	30	t	39	10	6	45	6	D
154373	5S/5W	30 R	Hood	Miramontes	056-096-510	Aug-86	70	69	D	AR	PVC	5	40	80	40	t	36	20	6	44	8	EF
11002	6S/4W	8 -	Horsman	Kings Mtn		May-71	240	240	D	-	Steel	6	40	240	200	br	119	9	2	135	16	D
31476	5S/5W	18 M	Horwitz	Medio Miramar	048-013-370	Nov-86	80	80	D	R	PVC	5	20	80	60	t	19	14	6	27	8	D
17440	5S/5W	32 D	Horwitz	Garcia	056-131-080	Mar-88	83	80	D	R	PVC	5	40	80	40	t	43	14	6	46	3	D
19943	5S/5W	32 -	Horwitz	Central	056-133-290	May-89	80	80	D	R	PVC	5	40	80	40	t	41	10	6	53	12	D
19942	5S/5W	32 -	Horwitz	Central	056-133-300	May-89	80	80	D	R	PVC	5	40	80	40	t	41	10	6	52	11	D
198263	5S/5W	29 J	Inwood Corp	Main/Pilarc. C.		Oct-86	95	85	D	R	PVC	6	35	75	40	t	15	100	5	28	13	M
198303	5S/5W	29 J	Inwood Corp	Stone Pine		Jun-87	60	60	D	R	PVC	6	35	55	20	t	21	30	72	-	-	M
295441	5S/5W	29 C	James	Silver	056-085-310	Feb-89	68	65	D	R	PVC	5	25	65	40	t	-	-	-	-	-	Wilk.
207961	5S/5W	19 R	Jensen	Beach	048-212-020	Apr-87	40	43	D	AR	PVC	5	20	40	20	t	18	23	6	-	-	EF
200185	5S/5W	19 R	Jensen	Beach	048-212-050	Oct-88	80	79	D	R	PVC	5	40	79	39	t	15	17	4	37	12	Wilk.
248894	5S/5W	32 C	Johnston Builders	Aztec	056-156-100	Feb-87	80	71	D	A	PVC	5	40	80	40	t	41	9	6	42	1	EF
299036	5S/5W	32 D	Johnston Builders	Garcia	056-118-110	Oct-87	80	80	D	AR	PVC	5	40	80	40	t	38	18	6	43	5	EF
299035	5S/5W	32 D	Johnston Builders	Garcia	056-118-110	Oct-87	80	80	D	AR	PVC	5	40	80	40	t	46	20	6	-	-	EF
200168	5S/5W	32 D	Johnston Builders	Central	056-132-020	Dec-87	85	80	D	R	PVC	5	30	80	50	t	37	-	-	-	-	Wilk.
200167	5S/5W	32 -	Johnston Builders	Valdez	056-103-130	Jan-88	87	81	D	R	PVC	5	37	81	44	t	37	30	1	47	10	Wilk.
295411	5S/5W	29 L	Johnston Builders	Laurel	056-143-090	Oct-88	75	66	D	R	PVC	5	46	66	20	t	26	16	4	33	8	Wilk.
62208	5S/4W	31 R	Jones	Skyline		Sep-60	120	120	D	R	Steel	6	50	120	70	br	69	10	4	80	11	D
198674	6S/4W	8 N	Julian	Skyline		Jul-88	220	220	D	AR	PVC	5	60	220	160	br	45	45	6	-	-	MWD
31484	5S/5W	18 P	Junge	Champ./Roos.	048-116-070	Jan-87	80	80	D	R	PVC	5	35	80	45	t	15	15	7	35	20	D
17465	5S/5W	19 C	Junge	Long I./Roos.	048-113-120	May-87	96	92	D	R	PVC	5	54	94	40	t	14	17	6	35	21	D
17471	5S/5W	19 C	Junge	Washington	048-111-170	Jun-87	80	80	D	R	PVC	5	40	80	40	t	15	16	6	56	41	D
299022	5S/5W	18 P	Junge	Pullman	048-121-080	Oct-87	80	80	D	A	PVC	5	40	80	40	t	20	20	6	30	10	EF
200174	5S/5W	18 -	Junge	Ventura	048-092-360	Jan-88	68	64	D	R	PVC	5	24	64	40	br	7	30	1	21	14	Wilk.
17447	5S/5W	18 N	Junge	Alameda	048-091-460	May-88	80	80	D	R	PVC	5	40	80	40	t	9	20	6	20	11	D
17446	5S/5W	18 N	Junge	San Andreas	048-085-790	May-88	80	80	D	R	PVC	5	40	80	40	t	14	21	6	21	7	D
19924	5S/5W	19 C	Junge	Roosevelt	048-114-040	Oct-88	80	80	D	R	PVC	5	30	80	50	t	13	10	6	31	18	D
31734	5S/5W	29 L	K&N Prop.	Kelly/Pilarc. C.	056-141-061	May-86	96	96	D	R	PVC	8	56	96	40	t	21	50	8	39	18	D
495302	7S/5W	- -	Kanelles	Unknown	066-100-160	Jul-93	100	98	D	AR	PVC	5	0	100	100	t	5	-	-	-	-	EF
495301	7S/5W	- -	Kanelles	Unknown	066-100-070	Aug-93	100	92	D	AR	PVC	5	32	92	60	br	2	25	1	92	90	EF
299020	5S/5W	32 D	Kearney	Garcia	056-131-070	Oct-87	80	80	D	A	PVC	5	40	80	40	t	36	20	6	39	3	EF
38257	5S/5W	29 -	Kline	Silver		Dec-76	100	100	D	R	PVC	5	12	80	68	t	30	15	2	32	2	D
295404	5S/5W	32 L	Kolar	Magnolia	064-331-020	Oct-88	80	70	D	R	PVC	5	30	70	40	t	44	5	4	53	9	Wilk.
31474	5S/5W	32 B	Kolbisen	Metzgar/Joh.	056-192-100	Nov-86	110	110	D	R	PVC	-	40	100	60	t	38	12	7	47	9	D
259424	5S/5W	18 P	Kole	Alameda/SP	048-085-065	Jan-88	55	55	D	AR	PVC	5	27	52	25	t	3	17	4	10	7	CSD
198568	7S/5W	9 -	Kouch	Unknown		Nov-85	180	180	D	AR	PVC	5	70	180	110	br	100	7	5	140	40	MWD
248874	5S/5W	32 C	Krejci	Central/Garcia	056-119-030	Feb-87	80	70	D	A	PVC	5	40	80	40	t	37	30	6	54	17	EF
107514	5S/4W	31 -	Kuhn	Skyline		May-65	130	130	D	R	Steel	6	20	126	106	br	20	8	2	80	60	D
299092	5S/5W	19 C	Kuhn	Alameda/Wa	048-114-080	Apr-88	100	100	D	A	PVC	5	40	80	40	t	15	30	4	25	10	EF
20224	5S/5W	33 -	Lenzin	Higgins Cyn		Aug-73	120	120	D	R	Steel	6	10	100	90	t	14	-	-	-	-	D
261262	5S/5W	29 N	Lewis	Correas	056-102-200	Sep-87	80	75	D	AR	PVC	5	25	70	45	t	-	20	-	-	-	HAM
261296	5S/5W	18 N	Lewis	Ventura	048-091-060	Nov-87	60	60	D	AR	PVC	5	40	60	20	t	17	23	4	27	10	HAM
259426	5S/5W	32 D	Lewis	Garcia/Miram.	056-131-150	Jan-88	75	75	D	AR	PVC	5	38	68	30	t	39	9	4	44	5	CSD
17409	5S/5W	32 M	Lima	Magnolia	064-311-010	Sep-87	85	84	D	R	PVC	5	44	84	40	t	-	-	-	-	-	D
295409	5S/5W	29 N	Lindsay	Miramontes	056-102-160	Nov-88	88	88	D	R	PVC	5	48	88	40	t	38	13	4	45	7	Wilk.
248873	5S/5W	18 L	Lopes	Hermosa	048-055-020	Apr-87	85	85	D	A	PVC	5	40	80	40	t	23	21	6	42	19	EF
17422	5S/5W	32 B	Lopes	Myrtle	064-131-160	Nov-87	85	83	D	R	PVC	5	53	83	30	t	45	10	6	49	4	D
277743	5S/5W	29 N	Lopes	Correas/Potter	056-102-110	Jul-88	88	83	D	R	PVC	5	43	83	40	t	37	5	4	43	5	Wilk.
246787	5S/5W	18 M	Lopez	Mirada	048-052-070	Apr-87	70	60	D	A	PVC	5	20	70	50	t	22	17	6	37	15	EF

50543	5S/5W	21	-	Lorenze	Pilarcitos Cyn		Dec-59	64	64	D	C	Steel	8	16	60	44	t	16	-	-	-	-	D
277703	5S/5W	29	N	Lucia	Miramontes	056-106-020	Mar-88	80	75	D	R	PVC	5	35	75	40	t	33	5	4	37	4	Wilk.
31461	5S/5W	29	N	M&A Builders	Garcia		Aug-86	80	80	D	AR	PVC	5	50	80	30	t	35	15	5	62	27	D
31462	5S/5W	32	D	M&A Builders	Garcia/Miram.		Sep-86	80	80	D	AR	PVC	5	20	40	20	t	30	-	-	-	-	D
31463	5S/5W	32	D	M&A Builders	Garcia/Miram.		Sep-86	80	80	D	AR	PVC	5	50	80	30	t	28	-	-	-	-	D
17408	5S/5W	32	D	M&A Builders	Correas	056-103-050	Sep-87	85	83	D	R	PVC	5	53	83	30	t	38	10	6	43	5	D
19918	5S/5W	29	L	M&A Builders	Pilarc./Willow		Aug-88	85	85	D	R	PVC	5	35	85	50	t	30	28	6	33	3	D
19919	5S/5W	29	N	M&A Builders	Correas/Potter		Aug-88	80	80	D	R	PVC	5	30	80	50	t	40	15	6	60	20	D
19930	5S/5W	32	D	M&A Builders	Central/Potter	056-131-110		83	83	D	R	PVC	5	53	83	30	t	41	54	6	54	13	D
299052	5S/5W	32	E	Magnasco Trust	Metzgar	064-202-470	Jan-88	95	80	D	A	PVC	5	20	80	40	t	42	9	4	46	4	EF
17448	5S/5W	32	D	Major-Michelsen	Granelli	056-136-110	Mar-88	85	80	D	R	PVC	5	40	80	40	t	40	47	6	47	7	D
17449	5S/5W	32	D	Major-Michelsen	Granelli	056-136-110	Mar-88	83	80	D	R	PVC	5	40	80	40	t	40	43	6	43	3	D
17576	5S/5W	29	N	Manning	Miramontes	056-105-110	Feb-89	83	83	D	R	PVC	5	0	20	20	t	20	10	4	30	10	ASE
17405	5S/5W	29	N	Marchand	Potter	056-105-170	Sep-87	85	83	D	R	PVC	5	43	83	40	t	38	10	6	44	6	D
17406	5S/5W	29	N	Marchand	Miram./Potter	056-105-160	Sep-87	85	83	D	R	PVC	5	43	83	40	t	38	10	6	43	6	D
741482	7S/5W	-	-	Marchi & Sons	Seaside Sch.	081-250-030	Nov-99	230	230	D	AR	PVC	5	50	210	100	br	-	6	2	-	-	EF
259464	5S/5W	18	N	Marfal Inc.	Alameda	048-052-110	May-88	65	62	D	AR	PVC	5	32	62	30	t	11	14	4	25	15	CSD
813283	7S/5W	-	-	Marsh	Tunitas Crk.	066-340-040	May-99	105	95	D	AR	PVC	5	30	90	60	br	15	5	2	-	-	EF
259494	5S/5W	29	P	Martin	Kelly	056-145-140	Jun-88	60	50	D	AR	PVC	5	30	50	20	t	10	20	-	-	-	CSD
17563	5S/5W	29	P	Martin	Kelly	056-145-170	Jun-88	65	55	D	AR	PVC	5	35	55	20	t	20	20	-	-	-	CSD
299019	5S/5W	32	D	Mazzunti/Caven	Garcia	056-132-080	Oct-87	80	80	D	A	PVC	5	40	80	40	t	40	20	6	49	9	EF
24633	5S/5W	29	-	McClellan	Highway 92		Sep-55	52	52	D	-	Steel	12	-	-	-	t	33	-	-	-	-	D
200186	5S/5W	32	D	McCrary	Garcia	056-131-160	Nov-88	91	91	D	R	PVC	5	51	91	40	t	45	5	4	72	27	Wilk.
295410	5S/5W	32	D	McCrary	Garcia	056-131-160	Nov-88	91	91	D	R	PVC	5	51	91	40	t	41	5	4	-	-	Wilk.
273917	5S/5W	18	E	McDonald	5th/Cortez	048-046-101	Jul-88	115	107	D	AR	PVC	-	77	107	30	t	-	-	-	-	-	HAM
273921	5S/5W	18	M	McDonald	4th/Hwy 1	048-041-060	Jul-88	70	58	D	AR	PVC	5	40	58	18	t	10	-	-	-	-	CSD
261279	5S/5W	29	N	McGettigan	Miramontes	056-106-030	Oct-87	70	70	D	AR	PVC	5	40	70	30	t	-	20	-	-	-	CSD
259418	5S/5W	32	C	McGettigan	Granelli	056-136-070	Jan-88	75	75	D	AR	PVC	5	40	60	20	t	42	17	4	45	3	CSD
17580	5S/5W	29	N	McGettigan	Correas/Alsac	056-113-070	Jan-89	80	75	D	R	PVC	5	20	75	55	t	10	10	4	25	15	ASE
495348	5S/5W	19	B	McGrade	Coronado	048-013-180	Jun-95	100	100	D	A	PVC	5	-	-	-	t	-	3	1	-	100	EF
200177	5S/5W	18	N	McGregor	Ventura	048-091-070	Jan-88	68	65	D	R	PVC	5	25	65	40	br	7	14	4	19	12	Wilk.
200176	5S/5W	18	N	McGregor	Mirada	048-091-340	Jan-88	69	69	D	R	PVC	5	29	69	40	br	20	10	4	-	-	Wilk.
317862	7S/5W	-	-	McManus	Pescadero	086-211-080	Apr-90	65	60	D	R	-	5	16	55	39	br	8	1	2	60	52	Wilk.
207957	5S/5W	29	P	Mellou	Correas	056-116-090	Apr-87	80	80	D	A	PVC	5	40	80	40	t	35	12	6	41	6	EF
207959	5S/5W	30	R	Metheany	Miramontes	056-096-490	Apr-87	60	60	D	A	PVC	5	40	60	20	t	39	7	6	41	2	EF
17585	5S/5W	19	C	Meyers	Wa./Princeton		Mar-89	65	65	D	R	PVC	5	20	60	40	t	10	-	-	-	-	ASE
31464	5S/5W	30	R	Mickelsen	Correas/Ocean		Sep-86	82	82	D	AR	PVC	5	30	80	50	t	28	-	-	-	-	D
273961	7S/5W	3	B	Middleton	Unknown	031-213-050	Oct-88	175	175	D	AR	PVC	5	60	175	115	br	30	35	-	-	-	CSD
261276	5S/5W	32	D	Moberg	Garcia	056-104-100	Oct-87	75	60	D	AR	PVC	5	30	60	30	t	-	-	-	-	-	CSD
17444	5S/5W	32	-	Moravec	Johnston	056-192-060	Mar-88	103	100	D	R	PVC	5	50	100	50	t	36	10	6	51	15	D
259483	5S/5W	29	N	Morris/Gogan	Valdez	056-108-050	May-88	80	70	D	AR	PVC	5	40	70	30	t	42	14	4	45	3	CSD
80264	6S/4W	5	E	Morrison	Skyline		Jul-66	176	176	D	R	Steel	6	-	-	-	br	52	15	3	55	3	D
259435	5S/5W	32	C	Mulligan	Garcia/Central	056-118-100	Feb-88	75	75	D	AR	PVC	5	45	75	30	t	-	-	-	-	-	CSD
299058	5S/5W	19	C	Murphy	Washington	048-123-120	Feb-88	100	100	D	A	PVC	5	40	70	30	t	16	20	4	23	7	EF
299071	5S/5W	19	C	Murphy	Washington	048-124-230	Mar-88	100	100	D	A	PVC	5	40	80	40	t	20	20	60	80	60	EF
299067	5S/5W	29	N	Murray	Alsace	056-096-180	Jan-88	100	100	D	A	PVC	5	40	80	40	t	36	9	5	39	3	EF
295435	5S/5W	32	A	Myers	Correas/Joh.	056-200-200	Jan-89	81	80	D	R	PVC	5	41	81	40	t	-	5	6	-	-	Wilk.
207953	5S/5W	18	P	Nava	Roosevelt	048-116-080	Apr-87	103	103	D	A	PVC	5	40	80	40	t	11	30	6	30	19	EF
299005	5S/5W	18	E	Nava	Cortez	048-023-110	Aug-87	80	80	D	A	PVC	5	40	80	40	t	40	25	6	57	17	EF
17462	5S/5W	29	P	Nerhan	Correas	056-117-120	May-87	80	71	D	R	-	-	-	-	t	38	10	7	41	3	D	
17463	5S/5W	32	C	Nerhan	Correas/Hwy 1	056-117-160	May-87	100	80	D	R	PVC	5	40	80	40	t	38	10	6	41	3	D
17461	5S/5W	32	D	Nerhan	Correas/Hwy 1	056-117-160	May-87	100	80	D	R	PVC	5	40	80	40	t	37	16	6	43	6	D

17407	5S/5W	29 N	Nerhan	Miram/Ocean	056-101-130	Oct-87	85	83	D	R	PVC	5	43	83	40	t	37	10	6	44	7 D
17410	5S/5W	30 R	Nerhan	Miram/Ocean	056-101-130	Oct-87	80	83	D	R	PVC	5	43	83	40	t	38	10	6	45	7 D
17411	5S/5W	29 N	Nerhan	Valdez/Potter	056-107-100	Oct-87	85	83	D	R	PVC	5	43	83	40	t	38	10	6	44	6 D
317804	5S/5W	18 M	Neuman	Alameda/El G.	048-034-180	Jun-89	70	68	D	R	PVC	5	30	70	40	t	20	13	6	52	32 Wilk.
13927	5S/5W	24 -	Oaster	Skyline		Aug-70	200	200	D	R	Steel	6	20	200	180	br	41	-	-	-	- D
261238	5S/5W	19 R	Oden	Wave		Jun-87	70	70	D	AR	PVC	5	35	65	30	t	30	50	-	-	- HAM
261251	5S/5W	19 R	Oden	Wave	048-205-150	Aug-87	70	70	D	AR	PVC	5	30	60	30	t	15	25	5	18	3 HAM
20229	5S/5W	33 R	O'Leary	Higgins Cyn		Oct-73	280	280	D	R	Steel	6	20	280	260	br	21	5	2	126	105 D
261248	5S/5W	18 N	Oliphant	Alameda/SP	048-095-040	Aug-87	75	75	D	AR	PVC	5	30	60	30	t	10	23	6	17	7 HAM
317812	5S/5W	29 B	Oliver	Highland	056-088-170	Jun-89	68	64	D	R	PVC	5	24	64	40	t	30	12	6	58	28 Wilk.
200180	5S/5W	29 N	Oleffe	Correas	056-106-060	Aug-88	85	77	D	R	PVC	5	37	77	40	t	40	13	4	47	7 Wilk.
259419	5S/5W	19 C	Orem	Roosevelt	048-116-090	Jan-88	65	65	D	AR	PVC	5	35	65	30	t	7	17	4	15	8 CSD
19941	5S/5W	32 -	Pacheco	Filbert	064-062-690	Apr-89	80	80	D	R	PVC	5	40	80	40	t	30	10	6	44	14 D
295449	5S/5W	29 F	Pacini	Belleville	056-053-150	May-89	67	67	D	R	PVC	5	27	67	40	t	16	16	6	31	15 Wilk.
19946	5S/5W	29 -	Pacini	Silver	056-062-560	Jul-89	60	60	D	R	PVC	5	30	60	30	t	34	5	6	50	16 D
259440	5S/5W	32 D	PaPay/ Pepper	Garcia/Potter	056-132-030	Feb-88	75	75	D	AR	PVC	5	45	75	30	t	35	10	4	45	10 CSD
17458	5S/5W	32 K	Parker	Magnolia	064-352-290	May-87	80	68	D	R	PVC	5	30	68	38	t	35	7	8	50	15 D
299084	5S/5W	29 F	Parker	Chesterfield	056-055-030	Mar-88	55	55	D	A	PVC	5	20	55	35	t	43	15	6	45	2 EF
19917	5S/5W	32 B	Parsons Real Est.	Myrtle/Puri.	064-131-270	Jul-88	80	80	D	R	PVC	5	40	80	40	t	-	10	6	53	- D
17476	5S/5W	32 B	Pastorino	Myrtle		Jul-87	80	80	D	R	PVC	5	40	80	40	t	37	15	6	43	6 D
299008	5S/5W	19 D	Patton	Washington	048-113-140	Aug-87	80	80	D	A	PVC	5	20	60	40	t	8	20	6	15	7 EF
17586	5S/5W	29 -	Patton/Fields	Silver		Apr-89	63	59	D	R	PVC	5	20	59	39	t	21	3	4	55	34 ASE
17587	5S/5W	29 -	Patton/Fields Const.	Silver		Apr-89	63	60	D	R	PVC	5	20	60	40	t	21	5	4	29	8 ASE
17588	5S/5W	29 -	Patton/Fields Const.	Silver		Apr-89	65	63	D	R	PVC	5	20	63	43	t	27	5	4	50	23 ASE
149583	5S/5W	18 M	Pelican Const.	5th		Aug-86	100	95	D	AR	PVC	6	40	95	55	br	43	10	4	52	9 HAM
149584	5S/5W	18 M	Pelican Const.	5th/Furtado		Sep-86	150	120	D	AR	PVC	6	40	120	80	br	40	10	4	50	10 HAM
261213	5S/5W	18 M	Pelican Const.	3rd		May-87	85	85	D	AR	PVC	5	25	85	60	t	-	-	-	-	- HAM
261264	5S/5W	29 N	Pepper	Miramontes	056-096-090	Sep-87	60	60	D	AR	PVC	5	30	60	30	t	31	20	-	-	- CSD
261271	5S/5W	29 B	Pepper	Highland	048-280-020	Oct-87	50	50	D	AR	PVC	5	30	50	20	t	37	-	-	-	- CSD
261277	5S/5W	29 B	Pepper	Highland	048-280-020	Oct-87	50	50	D	AR	PVC	5	30	50	20	t	23	23	4	34	12 CSD
261278	5S/5W	29 C	Pepper	Highland	056-066-140	Oct-87	65	65	D	AR	PVC	5	45	65	20	t	33	15	5	37	4 CSD
261280	5S/5W	29 B	Pepper	Terrace	056-082-410	Oct-87	57	56	D	AR	PVC	5	36	56	20	t	47	15	-	-	- CSD
261294	5S/5W	29 N	Pepper	Miramontes	056-112-020	Nov-87	75	75	D	AR	PVC	5	45	75	30	t	42	25	3	45	3 CSD
277747	5S/5W	29 B	Pepper	Silver	056-064-140	Jun-88	50	50	D	R	PVC	5	20	50	30	t	21	3	4	-	- Wilk.
277745	5S/5W	29 F	Pepper	Goldengate	056-062-510	Jun-88	50	50	D	R	PVC	5	20	50	30	t	18	-	4	26	8 Wilk.
277746	5S/5W	29 Q	Pepper	Valdez	056-104-380	Jun-88	44	42	D	R	PVC	5	22	42	20	t	11	10	4	14	3 Wilk.
277719	5S/5W	29 N	Pepper	Valdez	056-103-110	Aug-88	90	88	D	R	PVC	5	48	88	40	t	40	13	6	41	1 Wilk.
277732	5S/5W	29 C	Pepper	Highland	056-066-130	Sep-88	55	50	D	R	PVC	5	20	50	30	t	33	3	5	42	9 Wilk.
277737	5S/5W	29 C	Pepper	Silver	056-064-270	Sep-88	42	42	D	R	PVC	5	22	42	20	t	22	-	-	-	- Wilk.
277739	5S/5W	29 B	Pepper	Highland	056-064-340	Sep-88	72	72	D	R	PVC	5	52	72	20	t	37	18	4	66	29 Wilk.
277785	5S/5W	29 B	Pepper	Goldengate	056-062-590	Sep-88	70	70	D	R	PVC	5	20	70	30	t	70	-	-	-	- Wilk.
277735	5S/5W	29 B	Pepper	Silver/Golden	056-062-590	Sep-88	70	70	D	R	PVC	-	20	70	28	t	70	-	-	-	- Wilk.
277736	5S/5W	29 B	Pepper	Highland	056-064-350	Sep-88	73	71	D	R	PVC	5	20	70	20	t	36	-	-	-	- Wilk.
277734	5S/5W	29 B	Pepper	Highland	056-066-150	Oct-88	65	63	D	R	PVC	5	23	63	40	t	32	4	4	51	19 Wilk.
277741	5S/5W	29 B	Pepper	Silver	056-085-330	Oct-88	66	60	D	R	PVC	5	20	60	40	t	37	5	4	39	2 Wilk.
277740	5S/5W	29 B	Pepper	Silver	056-085-280	Oct-88	90	89	D	R	PVC	5	49	89	40	t	34	3	4	38	4 Wilk.
277744	5S/5W	29 B	Pepper	Highland	056-085-530	Oct-88	80	70	D	R	PVC	5	20	70	50	t	36	-	4	53	17 Wilk.
277723	5S/5W	29 B	Pepper	Highland	056-066-160	Oct-88	449	63	D	R	PVC	5	43	63	20	t	35	3	4	42	7 Wilk.
295413	5S/5W	29 B	Pepper	Highland	056-088-240	Oct-88	330	317	D	R	PVC	5	20	317	297	br	15	5	4	-	- Wilk.
317806	5S/5W	29 -	Pepper	Silver	056-064-320	Jun-89	70	70	D	R	PVC	5	30	70	40	t	29	10	6	40	11 Wilk.
317823	5S/5W	29 B	Pepper	Highland	048-280-020	Aug-89	78	67	D	R	PVC	5	30	67	37	t	30	43	2	60	30 Wilk.
317810	5S/5W	29 -	Pepper	Silver	056-064-310	Sep-89	80	80	D	R	PVC	5	40	80	40	t	29	8	4	42	13 Wilk.

317820	5S/5W	29 -	Pepper	Highland	056-088-280	Sep-89	120	95	D	R	PVC	5	35	95	60	t	26	5	4	42	16	Wilk.
317838	5S/5W	29 -	Pepper	Silver	056-085-380	Jan-90	120	120	D	R	PVC	5	40	120	80	t	26	2	2	103	77	Wilk.
317881	5S/5W	29 -	Pepper	Silver	056-085-330	Oct-90	80	78	D	R	PVC	5	38	78	40	t	36	10	6	46	10	Wilk.
340282	5S/5W	29 -	Pepper	Silver	056-082-680	Feb-91	90	90	D	R	PVC	5	20	90	70	t	-	-	-	-	-	ASE
391464	5S/5W	29 -	Pepper	Highland	056-085-470	Jul-91	100	98	D	AR	PVC	5	58	98	40	t	53	5	6	61	8	Layne
391465	5S/5W	29 -	Pepper	Silver	056-082-700	Jul-91	100	100	D	AR	PVC	5	80	100	20	t	9	5	6	37	28	Layne
391466	5S/5W	29 -	Pepper	Highland	056-085-450	Aug-91	80	80	D	AR	PVC	5	60	80	20	t	13	6	6	25	12	Layne
391463	5S/5W	29 -	Pepper	Silver	056-085-320	Aug-91	90	75	D	AR	PVC	5	55	75	20	t	41	5	6	47	6	Layne
200169	5S/5W	29 -	Pepper		056-064-370	Nov-97	100	84	D	R	PVC	5	44	84	40	t	27	10	4	40	13	Wilk.
36387	5S/5W	32 D	Perruquet	Valdez		Feb-87	100	80	D	AR	PVC	5	40	80	40	t	-	-	-	-	-	HAM
261242	5S/5W	32 B	Perruquet	Spruce	064-271-200	Jul-87	75	75	D	MR	PVC	5	38	75	37	t	-	-	-	-	-	HAM
261249	5S/5W	18 P	Peterson	Ventura	048-092-110	Aug-87	75	75	D	AR	PVC	5	30	65	35	t	12	24	6	19	7	HAM
317817	5S/5W	29 B	Peterson	Silver	056-064-300	Jun-89	75	72	D	R	PVC	5	20	72	52	t	26	15	6	47	21	Wilk.
156696	5S/5W	18 L	Petrini	Hermosa	048-055-010	Apr-87	80	80	D	A	PVC	5	40	80	40	br	20	9	6	30	10	EF
154386	5S/5W	29 P	Picard	Correas	056-117-060	Dec-86	80	70	D	A	PVC	5	30	70	40	t	39	20	6	43	4	EF
259462	5S/5W	32 C	Preneville/Mulligan	Garcia	056-118-130	Apr-88	80	76	D	AR	PVC	5	46	76	30	t	46	25	4	53	7	CSD
261266	5S/5W	28 J	Pretre	Miramontes	064-370-090	Aug-87	82	75	D	R	PVC	5	40	75	35	t	-	2	-	-	-	HAM
261269	5S/5W	28 J	Pretre	Miramontes	064-370-090	Aug-87	250	250	D	AR	PVC	5	50	250	200	t	-	2	-	-	-	HAM
111713	5S/5W	28 -	Prince	Highway 92		Jun-76	65	65	D	C	Steel	8	12	60	48	t	16	-	-	-	-	D
59966	5S/5W	33 Q	Putzner	Higgins Cyn		Aug-75	158	158	D	R	Steel	6	15	140	125	br	15	3	-	-	-	D
107516	5S/5W	9 -	Quantic Ind. Inc.	Gum Tree		Jul-65	64	64	D	R	Steel	8	16	60	44	t	9	10	3	24	15	D
11034	5S/5W	11 -	Randtron	Skyline		May-72	122	122	D	-	Steel	6	30	118	88	br	28	-	-	-	-	D
748567	7S/5W	--	Rapley	Lobitos C.	066-290-050	Jun-01	280	280	D	AR	PVC	5	80	260	80	br	-	20	2	-	-	EF
748566	7S/5W	--	Rapley	Lobitos C.	066-290-050	Jun-01	300	300	D	AR	PVC	5	80	280	100	br	-	10	2	-	-	EF
24770	6S/4W	5 -	Regan	Skyline		May-58	80	80	D	C	Steel	8	24	76	52	br	30	-	-	-	-	D
200170	5S/5W	29 N	Regan	Correas		Dec-87	85	83	D	R	PVC	5	23	83	60	t	35	15	4	40	5	Wilk.
277713	5S/5W	32 D	Rehm	Garcia	056-132-070	Jul-88	88	83	D	R	PVC	5	43	83	40	t	47	7	5	48	1	Wilk.
295423	5S/5W	29 P	Reynoso	Correas	056-116-120	Dec-88	88	88	D	R	PVC	5	48	88	40	t	38	13	6	41	3	Wilk.
741529	5S/5W	33 -	Rice	Higgins Cyn	065-210-130	Aug-00	327	327	D	MR	PVC	5	187	307	120	br	-	5	2	-	-	EF
154363	5S/5W	29 P	Rodriguez	Correas	056-116-190	Aug-86	80	75	D	AR	PVC	5	40	75	35	t	40	15	6	45	5	EF
261273	5S/5W	29 N	Rosenthal	Valdez	056-104-060	Oct-87	75	75	D	AR	PVC	5	40	70	30	t	-	20	-	-	-	CSD
56678	6S/4W	6 A	Roussille	Skyline		Sep-59	176	141	D	C	Steel	8	83	148	35	br	87	12	2	110	23	Hatch
56679	6S/4W	6 A	Roussille	Skyline		Sep-59	146	146	D	C	Steel	8	68	142	23	br	56	10	2	78	22	Hatch
56626	6S/4W	6 A	Roussille	Skyline		Oct-59	145	145	D	C	Steel	8	86	145	34	br	85	12	2	104	19	Hatch
299021	5S/5W	31 A	Russell	Central	056-123-080	Oct-87	80	80	D	A	PVC	5	40	80	40	t	40	20	6	45	5	EF
24765	5S/4W	31 -	Samsel	Skyline		Sep-57	77	77	D	C	Steel	8	30	77	47	br	36	8	3	48	12	D
207983	5S/5W	18 P	Samuelson	Valencia		May-87	80	80	D	A	PVC	5	40	80	40	t	15	7	6	75	60	EF
299091	5S/5W	29 N	Samuelson	Correas	056-107-040	May-88	80	80	D	A	PVC	5	40	80	40	t	43	25	4	49	6	EF
4661	5S/5W	14 -	Sare	Pilarcitos Cyn	056-380-020	Feb-55	50	50	D	C	Steel	12	18	46	28	Qal	8	-	-	-	-	D
200162	5S/5W	18 P	Savaco	Valencia	048-094-140	Oct-89	88	83	D	R	PVC	5	23	83	60	t	15	5	6	-	-	Wilk.
38256	5S/5W	19 H1	Scappetti	C.		Dec-76	105	105	D	R	Steel	8	44	94	35	t	40	30	6	86	46	D
207987	5S/5W	29 N	Schasteen/ Heinger	Correas	056-102-180	Jul-87	75	75	D	A	PVC	5	55	75	20	t	41	10	6	44	3	EF
277715	5S/5W	29 L	Schneider	Pilarc./Willow	056-142-050	Aug-88	78	78	D	R	PVC	5	38	88	50	t	23	14	4	32	9	Wilk.
154397	5S/5W	18 L	Schoendorf	Hermosa	048-063-200	Sep-86	80	76	D	A	PVC	5	40	80	40	br	42	20	6	61	19	EF
17460	5S/5W	32 K	Seaton	Seymour/Main	064-352-200	Dec-86	74	74	D	R	PVC	8	30	70	40	t	37	6	3	-	-	D
31493	5S/5W	32 K	Seaton	Seymour/Main	064-352-200	Feb-87	115	115	D	R	PVC	5	45	105	60	t	-	-	-	-	-	D
156367	5S/5W	29 -	Seaton	Silver	056-082-660	Jul-89	70	70	D	R	PVC	5	30	70	40	t	36	15	6	52	16	D
17498	5S/5W	29 -	Seaton	Silver	056-082-670	Jul-89	70	70	D	R	PVC	5	30	70	40	t	36	15	6	52	16	D
156366	5S/5W	29 -	Seaton	Silver	056-082-650	Jul-89	70	70	D	R	PVC	5	30	70	40	t	36	25	6	52	16	D
313011	5S/5W	18 D	Shannon	Alameda/El G.	048-033-210	Jun-88	100	100	D	A	PVC	5	40	100	40	t	20	17	6	80	60	EF
248892	5S/5W	29 P	Sharp	Correas	056-117-270	Feb-87	80	70	D	A	PVC	5	30	70	40	t	43	25	6	45	2	EF
248890	5S/5W	29 P	Sharp	Correas	056-117-280	Feb-87	80	75	D	A	PVC	5	35	75	40	t	42	25	6	45	3	EF

277709	5S/5W	29 N	Shaw	Miramontes	056-101-170	Aug-88	83	80	D	R	PVC	5	40	80	40	br	38	13	4	47	9 Wilk.
149582	5S/5W	18 N1	Shinnick	Alameda		Aug-86	90	80	D	AR	PVC	6	40	80	40	br	27	15	6	36	9 HAM
741527	7S/5W	- -	Simon	Old Stage	081-260-040	Aug-00	300	300	D	AR	PVC	5	200	300	100	br	-	10	2	-	- EF
313001	5S/5W	29 N	Skinner	Correas	<b>056-103-020</b>	Jun-88	100	100	D	A	PVC	5	40	80	40	t	38	21	4	45	7 EF
62201	5S/4W	31 -	Smith	Skyline		Apr-60	132	132	D	R	Steel	6	28	132	104	br	38	-	-	-	- D
17403	5S/5W	29 N	Souza	Correas	<b>056-103-010</b>	Sep-87	80	80	D	R	PVC	5	40	80	40	t	35	10	6	44	9 D
741480	7S/5W	- -	Souza	San Gregorio	081-320-160	Nov-99	305	305	D	AR	PVC	5	185	305	100	br	150	10	2	-	- EF
17494	5S/5W	29 -	Stark	Miramontes	056-101-150	Feb-89	80	80	D	R	PVC	5	40	80	40	t	35	10	6	48	13 D
198349	5S/5W	30 N	Stefanick/Pomranky	Correas	056-102-230	Oct-87	100	95	D	R	PVC	6	40	85	45	t	37	-	6	-	- M
295443	5S/5W	18 L	Sterling	Miramar D.	048-061-050	May-89	60	60	D	R	PVC	5	20	60	40	t	16	3	6	59	40 Wilk.
207986	5S/5W	29 N	Stone	Correas	056-102-170	Jun-87	75	75	D	A	PVC	5	55	75	20	t	41	20	6	47	6 EF
17417	5S/5W	21 -	Suza	Highway 92		Oct-87	200	200	D	R	PVC	5	60	200	140	br	35	5	9	185	150 D
259425	5S/5W	29 N	Swanton	Correas/Ocean	<b>056-096-280</b>	Jan-88	75	75	D	AR	PVC	5	36	56	20	t	38	10	4	44	6 CSD
346223	5S/5W	31 -	Swanton	Ocean	056-096-280	Sep-91	90	85	D	R	PVC	5	25	80	55	t	43	9	6	49	6 Wilk.
261272	5S/5W	32 D	Swanton Const.	Valdez	056-108-030	Oct-87	70	70	D	MR	PVC	6	50	70	20	t	-	-	-	-	- HAM
277750	5S/5W	29 N	Swanton Const.	Correas/Ocean	056-106-060	Aug-88	93	91	D	R	PVC	5	36	91	55	t	40	16	4	48	8 Wilk.
295401	5S/5W	32 D	Swanton Const.	Granelli	056-133-140	Oct-88	85	83	D	R	PVC	5	43	83	40	t	42	4	4	46	4 Wilk.
295427	5S/5W	32 G	Swanton Const.	Metzgar	064-281-340	Dec-88	108	108	D	R	PVC	5	68	108	40	t	47	13	4	-	- Wilk.
295415	5S/5W	29 P	Tabib	Correas	056-116-310	Nov-88	88	88	D	R	PVC	5	48	88	40	t	50	14	4	52	2 Wilk.
56677	6S/4W	5 -	Tange	Skyline		Jul-59	127	127	D	C	Steel	8	70	127	41	br	56	12	2	76	20 Hatch
259482	5S/5W	29 N	TMF Development	Miramontes	<b>056-101-120</b>	May-88	70	64	D	AR	PVC	5	34	64	30	t	43	14	4	50	7 CSD
38258	5S/5W	29 -	Towkoniuk	Terrace		Dec-76	100	100	D	R	PVC	5	-	-	-	t	30	-	-	-	- D
62210	5S/4W	31 -	Turchen	Skyline		Oct-60	100	100	D	R	Steel	6	28	100	72	br	20	4	2	90	70 D
62198	5S/5W	24 Q	Turchern	Skyline		Jan-62	106	106	D	R	Steel	6	-	-	-	br	30	-	-	-	- D
261287	5S/5W	32 D	Urbanczyk	Central	056-133-070	Oct-87	75	75	D	AR	PVC	5	35	75	40	t	-	-	-	-	- CSD
116801	6S/4W	6 -	Vallerga	Skyline		Oct-73	210	210	D	R	Steel	6	100	210	110	br	110	10	2	150	40 Garcia
115832	6S/4W	6 -	Vallerga	Skyline		Nov-76	310	310	D	R	Steel	5	150	310	160	br	221	-	-	-	- Garcia
17412	5S/5W	18 N	Van Etten	Santa Rosa	048-085-220	Oct-87	80	80	D	R	PVC	5	40	80	40	t	10	12	6	22	12 D
17413	5S/5W	18 N	Van Etten	Santa Rosa	048-085-760	Oct-87	83	80	D	R	PVC	5	40	80	40	t	10	11	6	24	14 D
17414	5S/5W	18 N	Van Etten	Santa Rosa	048-085-230	Oct-87	83	80	D	R	PVC	5	40	80	40	t	10	21	6	34	24 D
317815	5S/5W	29 B	Vaz	Silver	<b>056-082-720</b>	Jun-89	170	140	D	R	PVC	5	20	120	100	t	25	3	6	74	49 Wilk.
391484	5S/5W	29 -	Vaz	Belleville	056-058-050	Apr-92	65	63	D	HAS	PVC	5	43	63	20	t	22	10	4	54	32 Layne
36381	5S/5W	18 F	Velope	Valencia	048-092-090	Jan-87	60	50	D	AR	PVC	5	25	50	25	t	-	-	-	-	- HAM
295418	5S/5W	32 D	Vogt	Granelli	056-134-070	Dec-88	100	99	D	R	PVC	5	39	99	60	t	42	11	4	62	20 Wilk.
200184	5S/5W	30 J	W&KConst.	Kelly	056-047-020	Oct-88	85	83	D	R	PVC	5	43	83	40	t	40	12	4	43	3 Wilk.
277730	5S/5W	29 N	W. Development	Unknown	056-107-010	Oct-88	92	88	D	R	PVC	5	48	88	40	t	42	14	4	-	- Wilk.
295408	5S/5W	32 D	W. Development	Garcia	056-131-150	Nov-88	86	86	D	R	PVC	5	46	86	40	t	52	12	4	53	1 Wilk.
295436	5S/5W	32 E	W. Development	Railroad	064-191-030	Feb-89	83	81	D	R	PVC	5	40	81	41	t	35	13	6	49	14 Wilk.
295439	5S/5W	32 D	W. Development	First	064-052-360	Feb-89	98	95	D	R	PVC	5	40	95	55	t	38	13	5	45	7 Wilk.
317818	5S/5W	29 -	W. Development	Highland	056-066-030	Jul-89	70	60	D	R	PVC	5	20	60	40	t	12	10	6	28	18 Wilk.
317856	5S/5W	32 -	W. Development	First	064-052-360	Apr-90	80	80	D	R	PVC	5	20	80	60	t	40	9	5	61	21 Wilk.
17551	5S/5W	20 P	W. Lyon Company	Golden Gate		Apr-87	178	178	D	AR	PVC	5	60	120	60	t	-	-	-	-	- HAM
154364	5S/5W	18 P	Waist	Valencia/El G.	048-092-070	Aug-86	73	73	D	AR	PVC	5	30	73	43	br	17	9	6	22	5 EF
17455	5S/5W	24 -	Wang	Skyline	056-410-070	Apr-87	260	260	D	R	PVC	5	80	260	180	br	90	3	11	187	97 D
56684	6S/4W	5 -	Ware Acres	Skyline		Nov-59	152	150	D	C	Steel	10	107	147	40	br	60	45	24	100	40 Hatch
56684	6S/4W	5 -	Ware Acres WC	Skyline		Nov-59	152	150	D	C	Steel	10	107	147	40	br	60	45	24	100	40 Hatch
56682	6S/4W	5 -	Warren	Skyline		Nov-59	123	123	D	C	Steel	8	52	123	30	br	43	16	2	61	18 Hatch
198623	5S/5W	30 R	Warren	Valdez		Apr-87	100	85	D	AR	PVC	5	0	85	85	t	42	15	6	54	12 MWD
317839	5S/5W	29	Webbe	Highland	056-085-480	Jan-90	100	80	D	R	PVC	5	30	80	50	t	40	12	8	42	2 Wilk.
277749	5S/5W	32 D	Webber	Valdez	056-113-040	Aug-88	88	88	D	R	PVC	5	48	88	40	t	40	16	4	50	10 Wilk.
31490	5S/5W	32 D	Webster	Granelli	056-135-340	Jan-87	88	88	D	R	PVC	5	43	88	45	t	-	-	-	-	- D
295448	5S/5W	29 B	Whelen	Terrace	<b>056-081-250</b>	May-89	80	70	D	R	PVC	-	-	-	-	t	24	14	9	46	22 Wilk.

317807	5S/5W	29 F	Whelen	Silver	056-062-530	Jun-89	60	58	D	R	PVC	5	20	58	38	t	22	15	4	43	21	Wilk.
317805	5S/5W	29 B	Whelen	Highland	056-064-360	Jun-89	70	68	D	R	PVC	5	28	68	40	t	25	9	4	-	-	Wilk.
317830	5S/5W	29 -	Wilson	Silver	078-221-020	Sep-89	87	85	D	R	PVC	5	25	85	60	t	32	14	4	46	14	Wilk.
20232	5S/5W	18 -	Yophe	Miramar		May-74	120	120	D	R	Steel	6	20	120	100	t	4	12	-	-	-	D
50541	6S/4W	5 -	Young	Skyline		Nov-59	120	120	D	-	Steel	6	30	120	90	br	30	-	-	-	-	D
198673	6S/4W	8 N	Young	Skyline		Jul-88	220	220	D	AR	PVC	5	60	220	160	br	40	20	6	60	20	MWD
<b>DOMESTIC/IRRIGATION WELLS</b>																						
80258	5S/5W	17 -	Gonselves	Gum Tree		Mar-66	220	220	D/Irr	R	Steel	6	32	230	198	br	55	10	2	145	90	D
31487	5S/5W	17 Q	K&N Prop.	Frenchman C.	047-340-160	Jan-87	120	120	D/Irr	R	PVC	5	50	120	70	t	16	-	-	-	-	D
31496	5S/5W	17 L	K&N Prop.	Frenchman C.	047-340-160	Feb-87	89	89	D/Irr	R	PVC	5	55	90	35	t	15	-	-	-	-	D
579032	7S/5W	12 -	Luchini	Cowell Beach	066-081-080	Oct-95	83	75	D/Irr	MR	PVC	5	55	75	20	t	68	1	4	76	8	Landino
31489	5S/5W	29 K	Mello	Purissima	056-161-130	Jan-87	78	75	D/Irr	R	PVC	5	40	65	25	t	24	17	5	26	2	D
62177	5S/5W	29 P	Our Lady of the P.	Kelly		Jan-61	85	85	D/Irr	C	Steel	10	24	81	57	t	39	70	3	40	1	D
<b>INDUSTRIAL WELLS</b>																						
273933	5S/5W	18 L	Hampton	Miramar	048-063-010	Jul-88	92	90	I	AR	PVC	5	60	90	30	br	45	20	5	63	19	CSD
20248	5S/5W	22 -	Lone Star Indust.	Pilarc. Quarry		Jun-75	100	100	I	R	Steel	6	20	100	80	t	14	50	10	60	46	D
19916	5S/5W	30 R	M&A Builders	Valdez	056-104-040	Aug-88	82	82	I	R	PVC	5	42	82	40	t	-	-	-	-	-	D
31701	5S/6W	11 -	Michelson	Princeton		Jul-85	40	40	I	R	PVC	6	20	40	20	t	8	20	4	16	9	D
24760	5S/5W	16 B	Skyline Mater. Inc	Pilarcitos Cyn		May-57	100	100	I	C	Steel	12	8	96	88	Qal	12	-	-	-	-	D
<b>INDUSTRIAL/IRRIGATION WELLS</b>																						
31488	5S/5W	29 K	K&N Prop.	Foster	056-230-120	Jan-87	100	100	I/Irr	R	PVC	5	50	100	50	t	26	5	6	60	34	D
<b>IRRIGATION WELLS</b>																						
4665	5S/5W	30 J	Adreveno	Miramontes		May-55	54	54	Irr	C	Steel	12	12	50	38	t	10	120	20	50	40	D
11033	5S/5W	28 -	Adreveno	Miramontes		May-72	52	52	Irr	-	Steel	12	12	48	36	t	10	-	-	-	-	D
20210	5S/5W	29 -	Adreveno	Miramontes		May-75	80	80	Irr	-	Steel	10	10	76	66	t	16	-	-	-	-	D
15	5S/5W	30 -	Andreotti	Kelly		Jul-53	76	76	Irr	C	Steel	12	18	76	58	t	18	60	-	67	49	D
4673	5S/5W	29 K	Andreotti	Main		Jul-55	44	44	Irr	C	Steel	12	12	40	28	t	-	-	-	-	-	D
62181	5S/5W	29 M	Andreotti	Kelly		May-61	100	100	Irr	R	Steel	10	20	96	76	t	20	100	8	52	32	D
261235	5S/5W	29 M	Andreotti	Kelly		Jun-87	90	87	Irr	MR	PVC	8	40	87	47	t	-	70	-	-	-	HAM
62294	5S/5W	32 F	Baer	Hwy 1		Jan-63	100	100	Irr	C	Steel	10	40	100	60	t	50	-	-	-	-	D
4652	5S/5W	33 -	Benneddetti	Belleville		Jul-54	72	72	Irr	C	Steel	12	37	70	33	t	20	50	168	43	23	D
54	5S/5W	29 -	Bennetti	Hwy 1		Sep-52	134	134	Irr	R	-	8	60	98	38	t	-	28	-	-	-	Myers
111716	5S/5W	21 -	Bertha	Highway 92		Jul-76	53	53	Irr	C	Steel	10	10	49	39	Qal	10	40	3	35	25	D
31805	5S/5W	21 -	Bondgard	Highway 92		Apr-77	100	100	Irr	R	Steel	8	24	87	45	t	14	50	6	85	71	D
122527	5S/5W	28 -	C. Evergreen	Highway 92		Aug-66	71	71	Irr	C	Steel	10	12	71	59	t	20	25	10	60	40	D
122528	5S/5W	28 -	C. Evergreen	Highway 92		Aug-66	120	120	Irr	R	Steel	10	12	120	108	t	20	100	48	44	24	D
31825	5S/5W	28 -	C. Evergreen	Highway 92		Jul-77	70	70	Irr	R	PVC	8	11	70	59	t	10	100	8	22	12	D
31827	5S/5W	28 -	C. Evergreen	Highway 92		Jul-77	76	76	Irr	R	Steel	8	15	69	30	t	10	30	5	62	52	D
31812	5S/5W	32 C	Cabrillo USD	Kelly		May-77	100	100	Irr	R	Steel	8	22	85	56	t	23	45	8	83	60	D
4664	5S/5W	22 -	Canada	Highway 92		Apr-55	52	52	Irr	C	Steel	12	0	52	52	Qal	10	7	4	45	35	D
***	5S/5W	32 -	CCWD	Cunha 2		Oct-91	90	77	Irr	MR	PVC	6	27	67	40	t	45	48	1	62	17	M
576914	7S/5W	--	Chang	Old Stage	081-013-020	Sep-97	215	215	Irr	AR	PVC	5	95	215	120	br	105	10	2	-	-	EF
576916	7S/5W	--	Chang	Old Stage	081-013-020	Sep-97	100	100	Irr	AR	PVC	5	40	100	60	br	65	15	2	-	-	EF
50536	5S/5W	22 -	Cozzolini	Pilarcitos Cyn		Jun-59	40	40	Irr	-	Steel	-	12	36	24	t	10	-	-	-	-	D
80252	5S/5W	22 F	Cozzolini	Highway 92		Apr-66	42	42	Irr	C	Steel	12	14	40	26	t	6	-	-	-	-	D
80266	5S/5W	22 N	Cozzolini	Highway 92		Aug-66	72	72	Irr	R	Steel	12	12	68	56	t	28	-	-	-	-	D
13659	5S/5W	21 R	Cozzolini	Highway 92		Mar-69	44	44	Irr	C	Steel	12	8	40	32	Qal	8	-	-	-	-	D
59954	5S/5W	21 -	Cozzolini	Highway 92	056-331-050	Jul-72	80	80	Irr	R	Steel	12	12	76	64	t	16	65	2	36	20	D
20234	5S/5W	22 -	Cozzolini	Highway 92		May-74	80	80	Irr	R	Steel	10	8	80	72	br	8	80	-	-	-	D
31809	5S/5W	16 -	Cozzolini	Hwy1/92		May-76	116	116	Irr	R	Steel	8	16	106	90	t	18	12	5	105	88	D
31811	5S/5W	21 -	Cozzolini	Highway 92		May-77	43	43	Irr	R	Steel	10	10	39	29	t	7	65	3	35	28	D
31846	5S/5W	21 -	Cozzolini	Highway 92	056-331-050	Sep-77	123	123	Irr	R	PVC	8	20	125	105	t	12	-	-	-	-	D

38277	5S/5W	30 J	Cozzolini	Kelly		Feb-78	102	102	Irr	R	PVC	8	20	102	82	t	12	75	4	65	53 D	
41056	5S/5W	32 -	Cunha	Main		Sep-52	124	124	Irr	R	Steel	8	20	45	25	t	-	20	-	-	30 Myers	
41053	5S/5W	32 -	Cunha	Main		Feb-53	60	60	Irr	R	Steel	10	40	56	16	t	24	30	-	32	8 Hatch	
520079	5S/5W	29 -	<b>Daylight Nursery</b>	Miramontes	<b>056-260-130</b>	Jul-97	75	60	Irr	AR	PVC	8	20	60	40	t	20	35	2	-	- EF	
31804	5S/5W	29 -	Daylight Nursey	Miramontes		Apr-77	60	60	Irr	R	Steel	8	12	49	30	t	18	25	2	45	27 D	
59960	5S/5W	30 -	Deane	Balboa		Sep-72	80	80	Irr	R	Steel	10	50	65	15	t	8	115	48	36	28 D	
59962	5S/5W	30 -	Deane	Balboa		Oct-72	80	80	Irr	-	Steel	8	50	65	15	t	10	-	-	-	- D	
4654	5S/5W	19 R	del Porto	Miller Ranch		Aug-54	63	63	Irr	C	Steel	12	16	59	43	t	16	60	24	31	15 D	
6417	5S/5W	20 -	Dykstra	Hwy 1		Sep-54	133	133	Irr	R	-	-	-	-	t	-	3	-	-	-	- Myers	
6420	5S/5W	20 -	Dykstra	Hwy 1		Sep-54	84	82	Irr	R	Steel	8	22	82	40	t	-	30	-	-	-	- Myers
94230	5S/5W	18 L	Figone	Purissima		Dec-72	93	93	Irr	R	Steel	8	53	93	40	br	-	-	-	-	-	- Pioneer
110556	5S/5W	18 -	Figone	Alto	047-340-070	Oct-77	250	250	Irr	AR	PVC	5	34	250	216	br	8	7	2	-	-	- CSD
110558	5S/5W	18 -	Figone	Alto	047-340-070	Oct-77	168	168	Irr	AR	PVC	5	25	165	140	br	1	10	2	168	167 CSD	
4666	5S/5W	30 B	Giusti	Balboa		May-55	58	58	Irr	C	Steel	12	13	54	41	t	7	150	12	10	3 D	
299057	5S/5W	32 C	Hanna	Myrtle/Puri.	056-182-100	Jan-88	120	120	Irr	A	PVC	8	60	100	40	t	45	100	24	77	32 EF	
299068	5S/5W	32 N	Hanna	Myrtle/Puri.	056-182-100	Mar-88	120	120	Irr	A	PVC	8	60	100	40	t	40	60	24	100	60 EF	
317863	7S/5W	- -	Hawes	Tunitas Crk.	066-330-030	May-90	200	190	Irr	R	PVC	5	30	190	160	br	f	1	1	180	180 Wilk.	
4655	5S/5W	18 -	Hilderle	Miramar		Aug-54	72	72	Irr	C	Steel	12	16	68	52	t	24	50	10	44	20 D	
198305	5S/5W	30 R	HMB Golf Links	Miram./Potter	056-094-110	Apr-87	100	97	Irr	R	PVC	8	30	90	60	t	35	50	12	-	- M	
198351	5S/5W	30 H	HMB Golf Links	Balboa		Aug-87	95	85	Irr	R	PVC	8	30	70	40	t	35	150	4	-	- M	
719805	5S/5W	30 -	HMB Golf Links	Balboa	056-031-030	Sep-98	110	86	Irr	MR	PVC	10	26	66	40	t	32	160	8	43	11 Layne	
719807	5S/5W	30 -	HMB Golf Links	Balboa	056-071-170	Oct-98	95	82	Irr	MR	PVC	10	32	72	40	t	23	220	8	44	21 Layne	
719802	5S/5W	30 -	HMB Golf Links	Balboa	056-031-150	Oct-98	93	86	Irr	MR	PVC	10	26	66	40	t	15	65	8	27	12 Layne	
31724	5S/5W	22 A	HMB Nursery	Highway 92		Feb-86	120	120	Irr	R	PVC	6	80	120	40	t	13	20	6	67	54 D	
59974	5S/5W	32 -	HMB Property	Main		Mar-76	135	105	Irr	R	Steel	6	56	90	25	t	45	12	-	88	43 D	
59975	5S/5W	32 K	HMB Property	Seymour/Main		Apr-76	120	110	Irr	R	Steel	6	58	100	25	t	-	-	-	-	- D	
198288	5S/5W	31 -	HMB Property	Balboa		Jan-87	95	95	Irr	R	PVC	8	25	85	60	t	7	260	6	25	18 M	
83	5S/5W	29 P	HMB Union HS	Kelly		May-53	84	84	Irr	C	Steel	12	40	76	36	t	22	45	-	37	15 Hatch	
520081	5S/5W	30 -	Hopwood	Miramontes	056-290-050	Dec-97	150	150	Irr	AR	PVC	5	50	130	40	t	15	5	2	-	- EF	
198260	5S/5W	30 A	Inwood Corp	Pilarc./Kehoe	048-295-030	Oct-86	80	80	Irr	R	PVC	6	35	75	40	t	15	100	5	28	13 M	
20246	5S/5W	32 D	Jackson	Kelly		Apr-75	100	100	Irr	R	Steel	6	20	100	80	t	30	18	2	65	35 D	
17493	5S/5W	22 -	Kastle	Highway 92	056-360-050	Feb-89	260	220	Irr	R	PVC	5	30	220	190	br	6	3	6	180	174 D	
19902	7S/5W	- -	Kinaleek Stables	San Gregorio	081-340-010	Apr-88	260	260	Irr	R	PVC	5	60	260	200	br	30	11	6	240	210 D	
273956	5S/4W	30 Q	Lachenmeter	Unknown		Sep-88	200	200	Irr	AR	PVC	5	92	192	100	br	-	4	-	-	- CSD	
20208	5S/5W	28 -	LDS	Highway 92		May-73	100	100	Irr	-	Steel	-	12	96	84	t	5	-	-	-	- D	
4667	5S/5W	19 L	Lea & Son	Benedetti R.		May-55	72	72	Irr	C	Steel	12	8	68	60	t	20	40	36	34	14 D	
62277	5S/5W	20 N	Lea & Son	Hwy 1		Mar-62	74	74	Irr	R	Steel	12	-	-	-	t	20	150	8	34	14 D	
317888	5S/5W	22 -	Lemos	Highway 92	056-360-310	Jan-99	90	80	Irr	R	PVC	5	45	80	35	t	4	10	48	18	8 Wilk.	
17415	5S/5W	29 C	Lombardi	Hwy 1/Quartz	056-063-010	Oct-87	72	72	Irr	R	PVC	5	22	72	50	t	15	30	7	24	9 D	
4672	5S/5W	32 -	Marselino	Wavecrest		Jun-55	91	91	Irr	C	Steel	12	40	87	47	t	60	-	-	-	- D	
24627	5S/5W	32 -	Marsh	Hwy 1		Jul-55	80	80	Irr	C	Steel	12	40	80	40	t	51	-	-	-	- D	
70	5S/5W	28 C	Marsh/Beffa	Highway 92		Feb-53	42	42	Irr	C	Steel	12	14	34	20	Qal	6	-	-	-	- Hatch	
13656	5S/5W	30 R	Martin	Higgins Crk		Dec-68	96	96	Irr	R	Steel	8	24	90	66	t	34	-	-	-	- D	
17581	7S/5W	- -	McNee Ranch	Martin C.		Feb-89	42	40	Irr	R	PVC	6	20	40	20	t	20	2	4	38	18 ASE	
535126	5S/5W	30 -	<b>Muller</b>	Miramontes	056-260-120	Jul-98	80	80	Irr	MR	PVC	8	11	70	59	t	6	45	2	-	- EF	
62216	5S/5W	21 -	Nuckton, Inc.	Highway 92		Mar-61	96	96	Irr	C	Steel	12	12	92	80	Qal	5	125	48	65	60 D	
31830	5S/5W	29 -	Nurserymens Exc.	Hwy 1		Jul-77	100	100	Irr	R	PVC	5	26	66	40	t	56	5	5	67	11 D	
38278	5S/5W	18 -	Nurserymens Exc.	Roosevelt		Feb-78	101	101	Irr	R	Steel	8	10	101	91	t	16	100	4	44	28 D	
237367	5S/5W	19 -	Nurserymens Exc.	Hwy 1		Apr-84	140	135	Irr	R	PVC	8	45	115	60	br	10	-	-	-	- M	
31499	5S/5W	18 -	<b>Nurserymens Exc.</b>	Roosevelt	048-300-021	Mar-87	210	200	Irr	R	PVC	8	58	185	127	t	20	-	-	-	- D	
31495	5S/5W	18 Q	Nurserymens Exc.	Roosevelt	048-300-018	Jul-87	130	105	Irr	R	PVC	8	40	90	40	t	43	17	6	90	47 D	
339531	5S/5W	18 -	Nurserymens Exc.	Hwy 1	048-300-021	Mar-90	100	96	Irr	MR	PVC	8	26	86	60	t	32	25	4	-	- M	

339530	5S/5W	18 -	Nurserymens Exc.	Hwy 1	048-300-180	Mar-90	115	110	Irr	MR	PVC	8	40	100	60	t	33	25	4	-	-	M
339599	5S/5W	18 -	Nurserymens Exc.	Hwy 1	048-300-021	May-90	140	140	Irr	AR	PVC	8	70	130	60	br	-	-	-	-	-	M
339600	5S/5W	18 -	Nurserymens Exc.	Hwy 1	048-300-180	May-90	100	100	Irr	AR	PVC	8	60	100	40	t	-	-	-	-	-	M
259567	5S/5W	30 H	Ocean Links Corp.	Balboa		Jul-88	105	100	Irr	R	PVC	8	25	85	60	t	50	100	4	100	50	M
24631	5S/5W	29 -	Okee	2nd/3rd		Sep-55	92	92	Irr	C	Steel	-	48	92	44	t	55	-	-	-	-	D
62215	5S/5W	32 K	Okee	Main		Feb-61	96	96	Irr	C	Steel	10	47	92	45	t	47	-	-	-	-	D
20202	5S/5W	29 P1	Our Lady of the P.	Kelly		Mar-73	84	84	Irr	R	Steel	10	12	80	68	t	18	-	-	-	-	D
13911	5S/5W	21 P	Pastorino	Highway 92		Aug-69	100	100	Irr	R	Steel	10	10	100	90	t	15	-	-	-	-	D
80180	5S/5W	22 M	Pastorino & Son	Highway 92		Jun-67	120	120	Irr	R	Steel	10	12	116	104	br	10	16	-	-	-	D
80187	5S/5W	21 R	Pastorino & Son	Highway 92		Apr-68	120	120	Irr	-	Steel	10	16	120	104	t	16	125	24	31	15	D
11019	5S/5W	29 -	Pastorino & Son	Miramontes		Nov-71	84	84	Irr	R	Steel	10	10	84	74	t	9	105	4	28	19	D
38269	5S/5W	21 -	Pastorino & Son	Highway 92		Oct-77	115	115	Irr	R	PVC	8	20	115	95	t	19	-	-	-	-	D
38282	5S/5W	29 -	Pastorino & Son	Miramontes		Jun-78	85	85	Irr	R	PVC	8	10	85	75	t	15	-	-	-	-	D
250566	5S/5W	21 -	Pearlstein	Highway 92	056-260-090	Jul-88	95	90	Irr	R	PVC	8	40	80	40	t	23	100	4	-	-	M
259566	5S/5W	29 J	Pearlstein	Highway 92	056-260-090	Jul-88	95	90	Irr	R	PVC	8	40	80	40	t	23	100	4	-	-	M
62193	5S/5W	28 D	Perruquet	Highway 92		Sep-61	56	56	Irr	C	Steel	12	12	52	40	t	15	80	4	43	28	D
4657	5S/5W	29 P	Petroni	Kelly		Oct-54	88	88	Irr	C	Steel	8	20	88	68	t	37	20	10	57	20	D
24636	5S/5W	29 F	Podesta	Hwy 1		Apr-56	61	61	Irr	C	Steel	12	8	58	50	t	8	70	8	13	5	D
50531	5S/5W	29 -	Podesta	Hwy 1		Jun-59	60	60	Irr	C	Steel	12	16	56	40	t	12	-	-	-	-	D
107506	5S/5W	29 C	Podesta	Hwy 1		Nov-64	80	80	Irr	C	Steel	12	12	76	64	t	15	75	7	45	30	D
11037	5S/5W	29 -	Podesta	Hwy 1		Jun-72	56	56	Irr	C	Steel	12	12	52	40	t	8	-	-	-	-	D
31452	5S/5W	29 -	Podesta	Hwy 1		May-80	59	59	Irr	R	PVC	8	0	59	59	t	8	100	4	14	6	D
38283	5S/5W	20 -	Podesta Plant Ac.	Hwy 1/92		Jun-78	89	89	Irr	R	PVC	8	10	89	79	t	14	-	-	-	-	D
237366	5S/5W	20 -	Podesta Plant Ac.	Hwy 1		Apr-84	110	100	Irr	R	PVC	8	10	100	90	t	15	-	-	-	-	M
41052	5S/5W	32 -	Poledurce	Unknown		May-52	95	95	Irr	R	Steel	8	55	95	40	t	-	-	-	-	-	Myers
41055	5S/5W	32 -	Poledurce	Unknown		May-52	124	124	Irr	R	Steel	8	65	98	33	t	-	-	-	-	-	Myers
41054	5S/5W	32 -	Poledurce	Unknown		Mar-76	106	106	Irr	R	Steel	8	-	-	-	t	-	-	-	-	-	Myers
50534	5S/5W	30 J	Quillici	Balboa		Jun-59	80	80	Irr	C	Steel	12	12	76	64	t	14	-	-	-	-	D
62183	5S/5W	29 -	Quillici	Highway 92		Jul-61	44	44	Irr	C	Steel	12	15	44	29	t	15	-	-	-	-	D
111714	5S/5W	29 -	Randleman	Monte Vista		Jun-76	100	100	Irr	C	Steel	6	16	96	80	t	43	-	-	-	-	D
521010	7S/5W	- -	Redmond	Tunitas Crk.	081-070-100	Sep-98	200	195	Irr	AR	PVC	5	85	195	110	br	35	-	-	-	-	Landino
11021	5S/5W	21 -	Repetto	Highway 92		Mar-72	100	100	Irr	-	Steel	10	16	96	80	Qal	10	120	8	27	17	D
31831	5S/5W	21 -	Repetto	Highway 92		Jul-77	82	82	Irr	R	PVC	8	20	82	62	t	13	75	7	23	10	D
17441	5S/5W	21 -	Repetto	Highway 92	056-331-090	Mar-88	83	80	Irr	R	PVC	8	20	80	60	t	-	-	-	-	-	D
520077	7S/5W	- -	S.M. Co. CC	Verde	066-180-040	Nov-95	198	198	Irr	AR	PVC	5	140	200	60	br	148	10	2	-	-	EF
24759	5S/6W	11 -	San Mateo Co.	Airport		Apr-57	92	92	Irr	C	Steel	12	12	88	66	t	12	-	-	-	-	D
31814	5S/5W	19 -	Sanchez	Hwy 1/92		May-77	100	100	Irr	R	PVC	5	20	90	70	t	15	-	-	-	-	D
107505	5S/5W	20 E1	Santo	Gum Tree		Oct-64	110	110	Irr	C	Steel	12	24	110	86	t	46	47	4	89	43	D
62185	5S/5W	20 E	Santo	Gum Tree		Jul-61	104	104	Irr	C	Steel	12	-	-	-	t	33	-	-	-	-	D
346295	5S/5W	19 -	Sare	Pilarcitos	056-380-060	Apr-99	60	60	Irr	R	PVC	8	20	60	40	t	10	15	1	-	-	Wilk.
59993	5S/5W	21 -	Shubert	Highway 92		Jul-76	110	110	Irr	R	Steel	6	17	98	45	t	19	-	-	-	-	D
31740	5S/5W	29 N	Silva	Pine		May-86	90	90	Irr	R	PVC	8	40	90	50	t	16	60	8	45	29	D
55654	5S/5W	14 -	Skylawn Mem. Park	Skyline		Oct-81	305	305	Irr	R	PVC	5	65	305	240	br	25	8	8	-	-	Roman
276018	5S/5W	14 -	Skylawn Mem. Park	Skyline		Sep-88	535	535	Irr	R	PVC	5	75	535	290	br	40	8	4	-	-	Roman
24758	5S/5W	32 L	Smith	Magnolia		Apr-57	96	96	Irr	C	Steel	12	60	96	36	t	60	-	-	-	-	D
24638	5S/5W	30 J	YO Ranch	Miramontes		May-56	92	92	Irr	C	Steel	8	22	88	66	t	32	70	48	62	30	D
24763	5S/5W	32 L	YO Ranch	Magnolia		Jul-57	93	93	Irr	C	Steel	12	35	93	58	t	45	-	-	-	-	D
<b>MUNICIPAL WELLS</b>																						
24635	5S/5W	11 E1	CCWD	Pilarcitos Cyn		Mar-56	46	46	M	C	Steel	12	4	46	42	Qal	2	120	48	24	22	D
62092	5S/5W	19 G	CCWD	Frenchman C.		Feb-64	110	110	M	C	Steel	10	-	-	-	t	8	70	8	58	50	D
62093	5S/5W	20 -	CCWD	Frenchman C.		Mar-64	72	72	M	C	Steel	10	-	-	-	t	7	60	8	50	43	D
107512	5S/5W	11 -	CCWD	Torpy Cyn		Mar-65	112	112	M	R	Steel	6	-	-	-	Qal	19	-	-	-	-	D

107511	5S/5W	11 -	CCWD	Torpy Cyn		Mar-65	57	57	M	C	Steel	10	-	-	-	Qal	7	-	-	-	-	D
13914	5S/6W	11 -	CCWD	Dennison C.		Sep-69	56	56	M	C	Steel	10	20	52	32	t	25	40	6	42	17	D
13935	5S/6W	11 -	CCWD	Princeton		Mar-71	113	112	M	R	Steel	10	20	108	88	t	16	-	-	-	-	D
13934	5S/6W	11 -	CCWD	Princeton		Mar-71	110	110	M	R	Steel	10	0	110	110	t	21	-	-	-	-	D
11041	5S/5W	14 -	CCWD	Torpy Cyn		Oct-72	64	64	M	R	Steel	10	10	60	50	Qal	5	-	-	-	-	D
111707	5S/6W	11 -	CCWD	Princeton		Jul-75	103	103	M	R	Steel	8	26	80	30	t	14	30	8	80	66	D
59963	5S/6W	11 -	CCWD	Princeton		Jul-75	100	100	M	R	Steel	6	10	100	90	t	8	45	-	-	-	D
111708	5S/6W	11 -	CCWD	Princeton		Aug-75	103	103	M	R	Steel	8	30	84	25	t	12	13	-	80	68	D
59965	5S/6W	11 -	CCWD	Princeton		Aug-75	104	104	M	R	Steel	8	24	71	35	t	24	75	8	58	34	D
59968	5S/6W	11 -	CCWD	Princeton		Sep-75	106	106	M	R	Steel	8	28	80	29	t	28	75	8	70	42	D
38260	5S/6W	11 -	CCWD	Princeton		Jan-77	80	80	M	R	Steel	8	16	55	30	t	16	40	8	55	39	D
38261	5S/6W	11 -	CCWD	Princeton		Jan-77	80	80	M	R	Steel	8	23	71	15	t	25	16	8	70	45	D
38262	5S/6W	11 -	CCWD	El Granada		Feb-77	121	106	M	R	Steel	-	33	90	30	t	14	20	8	85	71	D
38263	5S/6W	10 -	CCWD	Princeton		Feb-77	90	76	M	R	Steel	8	11	66	55	t	11	125	8	59	48	D
38264	5S/6W	10 J	CCWD	Princeton		Feb-77	90	77	M	R	Steel	8	-	-	-	t	-	-	-	-	-	D
31808	5S/6W	10 -	CCWD	Princeton		May-77	80	80	M	R	Steel	8	20	62	42	t	20	3	6	68	48	D
178725	5S/6W	11 -	CCWD	Dennison C.		Jun-89	115	92	M	MR	Steel	6	66	85	19	t	-	-	-	-	-	SBK
178749	5S/6W	11 -	CCWD	Dennison C.		Jun-89	87	70	M	MR	Steel	6	43	63	20	t	-	-	-	-	-	SBK
178750	5S/6W	11 -	CCWD	Dennison C.		Jun-89	122	87	M	MR	Steel	6	60	80	20	t	-	-	-	-	-	SBK
4671	5S/6W	11 E1	Citizens Util.	Airport		Jun-55	114	114	M	C	Steel	10	12	110	98	t	18	-	-	-	-	D
18363	4S/6W	34 H2	Citizens Util.	Montara		Feb-72	155	145	M	R	Steel	10	72	144	60	t	f	2	76	87	87	C&N
37509	5S/6W	3 P	Citizens Util.	Moss Beach		Jul-77	151	150	M	R	Steel	8	40	140	100	br	15	15	-	102	87	C&N
134138	5S/6W	11 E2	Citizens Util.	Airport		Apr-79	200	114	M	R	Steel	12	38	104	66	br	-	-	-	-	-	WD
198314	5S/6W	10 H1	Citizens Util.	Montara		Aug-87	110	100	M	MR	Steel	12	35	80	45	t	32	200	-	-	-	M
430331	4S/6W	34 -	Citizens Util.	Montara		Oct-91	300	300	M	MR	-	6	50	300	150	br	10	5	2	-	-	ASE
317829	5S/5W	29 -	Pepper	Highland	056-064-390	Oct-89	75	70	M	R	PVC	5	30	70	40	t	-	-	-	-	-	Wilk.
185919	6S/4W	5 -	Skyline Co. WD	Skyline		May-85	280	280	M	AR	PVC	5	140	280	80	br	120	30	8	-	-	Garcia
185919	6S/4W	5 -	Skyline Water	Skyline		May-85	280	280	M	AR	PVC	5	140	280	80	br	120	30	8	-	-	Garcia

#### MONITORING WELLS

293339	5S/5W	12 K	CDF	Tower R.		Jul-88	21	20	Mo	HAS	PVC	2	7	20	13	br	10	-	-	-	-	Ensko
13916	5S/5W	16 -	S.M. Scavenger	Highway 92		Mar-70	92	92	Mo	C	Steel	10	14	88	74	t	12	-	-	-	-	D

#### OTHER WELLS

13658	7S/5W	- -	CSP Beaches	Pescadero	056-460-010	Mar-69	102	98	O	R	Steel	6	18	98	80	br	10	-	-	-	-	D
198290	5S/5W	30 A	Inwood Corp	Pilarc./Kehoe		Apr-87	80	80	O	R	PVC	6	35	75	40	t	25	30	-	-	-	M
24626	5S/5W	32 -	Marsh	Hwy 1		Jul-55	65	65	O	C	-	-	-	-	t	33	7	-	53	20	D	
24628	5S/5W	32 -	Marsh	Hwy 1		Jul-55	72	72	O	C	Steel	6	8	72	64	t	10	5	-	70	60	D

#### TEST WELLS

377573	5S/5W	32 -	CCWD	Main	056-191-190	Dec-91	110	92	TW	MR	PVC	6	47	87	40	t	40	33	4	-	-	Roman
41049	5S/5W	29 P	CCWD	Pine/Pilarc.		Sep-97	85	75	TW	R	PVC	8	40	85	45	t	13	180	720	45	32	Pitcher
41048	5S/5W	29 L	CCWD	Willow		Sep-97	85	70	TW	R	PVC	8	40	85	45	t	15	200	720	37	22	Pitcher
41047	5S/5W	29 E	CCWD	Chesterfield		Sep-97	85	69	TW	R	PVC	8	40	85	45	t	17	120	720	46	29	Pitcher
41046	5S/5W	29 F	CCWD	Hwy 1		Sep-97	64	-	TW	R	oned	-	-	-	-	t	-	-	-	-	-	Pitcher
41045	5S/5W	29 F	CCWD	St. James		Sep-97	82	68	TW	R	PVC	8	42	82	40	t	16	180	720	39	23	Pitcher
41044	5S/5W	29 M	CCWD	Laurel/Pilarc.		Sep-97	85	72	TW	R	PVC	8	37	83	44	t	15	160	720	44	29	Pitcher
741554	5S/5W	22 -	Debeneta	Highway 92		Oct-00	400	-	TW	AR	oned	-	-	-	-	br	-	-	-	-	-	EF
185617	5S/5W	29 -	Glencree Group	Terrace		Sep-88	85	85	TW	O	PVC	6	36	80	44	t	28	20	24	42	14	D
198350	5S/5W	19 C	HMB Golf Links	Alice	048-155-020	Sep-87	110	110	TW	R	PVC	8	30	80	50	t	27	30	-	-	-	M
237400	5S/5W	30 H	HMB Property	Balboa		Oct-84	1031	-	TW	R	oned	-	-	-	-	br	-	-	-	-	-	M
198304	5S/5W	29 J	Inwood Corp	Stone Pine		May-87	70	68	TW	R	PVC	6	35	63	28	t	21	30	24	-	-	M
11008	7S/5W	12 -	Johnston	San Gregorio		Jun-71	200	200	TW	R	oned	-	-	-	-	br	-	-	-	-	-	D
261267	5S/5W	29 B	Pepper	Highland	048-280-020	Oct-87	100	-	TW	AR	oned	-	-	-	-	t	-	-	-	-	-	CSD
259441	5S/5W	29 C	Pepper	Terrace	056-082-400	Feb-88	60	-	TW	AR	oned	-	-	-	-	t	-	-	-	-	-	CSD

198384	5S/5W	32 L	Seaton	Seymour/Main		Mar-87	99	-	TW	MR	oned	-	-	-	-	t	-	-	-	-	M
520985	5S/5W	14 -	Skylawn	Skyline	056-400-220	Apr-99	960	-	TW	AR	oned	-	-	-	-	br	-	-	-	-	Landino
62217	5S/5W	14 -	Skylawn Mem. Park	Skyline		Apr-61	140	140	TW	R	Steel	6	20	140	120	br	20	10	5	120	100 D
476886	5S/5W	32 G	HMB Growers Ass.	Main		Jun-97	-	-	X	-	-	-	-	-	-	t	-	-	-	-	Hew





**TABLE 3.2****PILARCITOS CREEK BELOW STONE DAM, NEAR HILLSBOROUGH, CA  
MONTHLY DISCHARGE IN ACRE-FEET**

Water Year	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1998	3	21	26	1730	3350	212	59	36	27	24	16	13
1999	19	43	29	73	1280	173	86	25	18	13	11	9
2000	6	6	5	106	1170	430	34	34	16	14	9	8
2001	18	9	20	27	80	35	13	8	4	3	3	3
AVG	11	20	20	484	1470	213	48	26	16	14	10	8
MAX	19	43	29	1730	3350	430	86	36	27	24	16	13
MIN	3	6	5	27	80	35	13	8	4	3	3	3

USGS GAUGE # 11162620

**TABLE 3.3****PURISIMA CREEK NEAR HALF MOON BAY, CA  
MONTHLY DISCHARGE IN ACRE-FEET**

Water Year	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1959	63	67	68	134	218	86	52	44	37	34	29	69
1960	35	35	43	154	305	140	66	53	34	33	26	24
1961	20	36	39	44	61	175	63	82	46	28	20	20
1962	19	29	49	75	512	456	97	54	41	32	30	35
1963	492	67	232	358	973	346	913	378	190	107	78	65
1964	81	152	68	313	101	95	63	62	62	52	36	34
1965	37	80	873	1110	266	191	781	231	148	93	77	63
1966	63	116	250	304	285	142	101	74	53	48	32	24
1967	34	68	183	1180	539	684	1170	395	336	152	112	82
1968	66	60	93	197	289	375	135	82	56	46	37	26
1969	38	56	231	1310	1680	940	544	261	194	129	84	60
AVG	86	70	194	471	475	330	362	156	109	69	51	46
MAX	492	152	873	1310	1680	940	1170	395	336	152	112	82
MIN	19	29	39	44	61	86	52	44	34	28	20	20

USGS GAUGE # 11162600

**TABLE 3.1**  
**PILARCITOS CREEK AT HALF MOON BAY, CA**  
**MONTHLY DISCHARGE IN ACRE-FEET**

Water Year	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1967	0	149	504	4790	1400	1310	3810	1160	489	197	88	19
1968	89	93	247	1480	1370	2440	379	131	40	57	10	0
1969	5	81	521	5010	6870	2560	1260	307	231	102	23	9
1970	133	121	421	6100	1580	1460	316	149	72	12	38	33
1971	2	628	5660	1910	830	1120	672	369	113	33	20	1
1972	25	89	395	289	387	140	72	6	0	0	0	0
1973	197	1390	649	5010	4930	4130	786	265	115	50	52	38
1974	57	1000	3280	3800	672	3810	3960	592	219	187	59	50
1975	72	132	205	349	1210	2500	1320	355	119	102	97	40
1976	148	119	79	70	70	110	70	7	0	0	0	0
1977	0	0	44	153	36	134	4	1	0	0	0	0
1978	0	3	126	2690	1660	1590	2050	436	97	39	17	4
1979	0	55	72	850	2200	2190	825	168	50	42	10	0
1980	47	186	596	2600	2630	937	420	245	70	19	44	41
1981	49	58	130	545	372	1100	252	69	6	0	0	0
1982	63	482	2520	10090	4770	3730	7580	911	366	197	124	65
1983	273	1930	4860	9680	12970	17080	3580	2290	489	193	95	75
1984	155	995	3470	1690	956	749	413	139	49	18	21	7
1985	141	968	799	403	1200	900	478	181	73	49	69	43
1986	143	224	272	640	8010	4980	604	337	144	71	44	66
1987	143	97	314	930	2010	380	156	42	13	2	0	0
1988	19	55	314	1000	254	88	86	35	3	0	0	0
1989	0	87	380	380	266	3800	609	219	85	22	9	32
1990	118	266	142	325	439	183	68	129	52	3	0	0
1991	0	0	36	30	176	2620	325	106	36	38	50	3
1992	107	33	209	424	3930	1340	398	138	60	26	1	0
1993	43	54	480	6160	2170	1540	598	300	117	42	23	14
1994	27	63	164	157	711	224	127	154	20	2	12	0
1995	0	344	360	6440	990	5230	1090	936	319	101	57	34
1996	27	29	1490	4440	5280	4530	1100	450	204	104	53	27
1997	109	261	2470	9900	1250	339	498	216	74	7	42	16
1998	5	684	1060	9640	18290	2620	1820	1180	940	329	137	78
1999	144	377	785	2250	7510	3430	2260	588	326	141	148	112
2000	94	289	161	1590	7130	4000	831	603	195	163	94	67
2001	212	165	248	561	2250	1120	585	166	54	53	45	29
AVG	76	329	956	2925	3051	2412	1126	382	150	69	42	26
MAX	273	1930	5660	10090	18290	17080	7580	2290	940	329	148	112
MIN	0	0	36	30	36	88	4	1	0	0	0	0

USGS GAUGE # 11162630

TOTAL
5517
1779
1838
223
2339
5517
223

TOTAL
901
948
634
1429
4199
1119
3950
1492
4935
1462
5527
2418
5527
634

TOTAL
13916
6336
16979
10435
11358
1403
17612
17686
6501
673
372
8712
6462
7835
2581
30898
53515
8662
5304
15535
4087
1854
5889
1725
3420
6666
11541
1661
15901
17734
15182
36783
18071
15217
5488
11543
53515
372

**TABLE 4.1**

**COASTSIDE COUNTY WATER DISTRICT, HALF MOON  
WELLS USED IN CROSS SECTION A-A'**

DWR Number	Well Name	Elevation feet	Date Drilled	Depth		Screen Interval feet	Static Water Level feet	Discharge gpm
				Total	Completed			
				feet				

**Wells Shown on Cross Section**

Unknown	Holiday Inn	50	5/8/1986	100	93	30 to 83	21.7	175
31812	Cunha 1	-	5/25/1977	100	100	22 to 85	23.0	45
Unknown	Cunha 2	68	10/30/1991	90	77	27 to 67	45.1	48
377573	Corp. Yard	68	12/6/1991	110	93	48 to 88	41.1	40
31734	K&N	-	5/8/1986	96	96	56 to 96	21.0	50
4657	Petroni	65	10/21/1954	88	88	20 to 88	37.0	20

**North of Pilarcitos Creek**

4652	Benneddetti	-	7/24/1954	72	72	37 to 70	20.0	50
24636	Podesta	40	1956	61	61	8 to 58	8.0	70
50531	Podesta	-	6/9/1959	60	60	16 to 56	12.0	-
11307	Podesta	-	6/30/1972	56	56	12 to 52	8.0	-
31452	Podesta	-	5/14/1980	59	59	12 to 59	8.0	100
299084	Parker	-	5/24/1988	70	55	20 to 55	43.0	15
19950	Belle	-	10/10/1988	80	80	40 to 80	-	-
295449	Pacini	-	5/11/1989	67	67	27 to 67	16.0	16

**South of Pilarcitos Creek**

Unknown	HMB U. HS	-	5/7/1953	84	84	40 to 76	22.0	45
31740	Silva	-	5/18/1986	90	90	40 to 90	16.0	60
313012	Evens	-	6/6/1988	100	100	40 to 80	30.0	30
19918	MA Builder	-	8/1/1988	85	85	35 to 85	30.0	28
277715	Schneider	-	8/11/1988	78	78	38 to 78	23.0	14
277716	Batt	-	8/11/1988	78	72	32 to 72	32.2	13
313009	Bennie	-	9/16/1988	100	100	80 to 100	15.0	15
295411	Johnston B.	-	10/8/1988	75	66	46 to 66	25.5	16

**BAY, CA**

Drawdown	Specific Capacity	Driller	Method
feet	gpm/ft		

36.3	4.82	Maggiora	R	
60.0	0.75	Digges	R	
17.1	2.81	Maggiora	R	Glog
29.0	1.38	Roman	R	Glog
18.0	2.78	Digges	R	
20.0	1.00	Digges	C	

23.0	2.17	Digges	C
5.0	14.00	Digges	C
-	-	Digges	C
-	-	Digges	C
6.0	16.67	Digges	R
2.0	7.50	Earth F.	AR
-	-	Digges	R
15.0	1.07	Wilkinson	R

15.0	3.00	Hatch	C
29.0	2.07	Digges	R
5.0	6.00	Earth F.	AR
3.0	9.33	Digges	R
8.1	1.72	Wilkinson	R
21.4	0.61	Wilkinson	R
5.0	3.00	Earth F.	AR
7.5	2.13	Wilkinson	R

**TABLE 4.2**

**COASTSIDE COUNTY WATER DISTRICT, HALF MOON  
WELLS USED IN CROSS SECTION B-B'**

DWR Number	Well Name	Elevation feet	Date Drilled	Depth		Screen Interval feet	Static Water Level feet	Discharge gpm
				Total	Completed			
				feet				

**Balboa Well Field**

DWR Number	Well Name	Elevation	Date Drilled	Total Depth	Completed Depth	Screen Interval	Static Water Level	Discharge
237400	X HMB 2 Exp	18.2	10/5/1984	1,031	-	Exploration H		
198288	X HMB 3	17.7	1/22/1987	95	95	25 to 85	7.0	260
198351	X HMB 4	25.5	8/12/1987	95	85	30 to 70	35.0	150
259567	HMB 5	-	7/21/1988	105	100	25 to 85	50.0	100
719802	HMB 3A	18.3	9/9/1998	93	86	26 to 66	14.5	65
719805	HMB 4A	24.4	9/9/1998	110	86	26 to 66	31.8	160
719807	HMB 5A	-	10/8/1998	95	82	32 to 72	22.8	220

**North of Pilarcito Creek**

198260	Inwood	20.0	10/20/1986	80	80	35 to 75	15.0	100
198290	SJohn 2	22.0	4/17/1987	80	80	35 to 75	25.0	30

**South of Pilarcitos Creek**

50534	Quilissi	30.0	6/28/1959	80	80	12 to 76	14.0	-
62181	Andreotti	45.0	5/19/1961	100	100	20 to 96	20.0	100
38277	Cozzdino	-	2/2/1978	102	102	20 to 102	12.0	75
31717	Dutra	20.0	11/8/1985	100	90	40 to 90	17.0	30
31464	Mickelsen	45.0	9/9/1986	82	82	30 to 80	28.0	-

**Logs not used in Cross Section (South)**

4666	Guists	20.0	5/16/1955	58	58	13 to 54	7.0	150
24632	Dutra	22.0	9/29/1955	60	60	16 to 56	20.0	-
80261	Fijn	20.0	6/20/1966	80	80	20 to 76	15.0	15
59962	Deane	-	1972	80	80	50 to 65	10.0	-
59960	Deane	-	9/1/1972	80	80	50 to 65	8.0	115

**BAY, CA**

Drawdown	Specific Capacity	Driller	Method
feet	gpm/ft		

		Maggiora	R	Glog
18.0	14.44	Maggiora	R	Glog
-	-	Maggiora	R	Glog
50.0	2.00	Maggiora	R	
11.7	5.57	Layne	MR	Glog
11.1	14.48	Layne	MR	Glog
21.1	10.43	Layne	MR	Glog

12.8	7.79	Maggiora	R	Glog
-	-	Maggiora	R	Glog

-	-	Digges	C
32.0	3.13	Digges	R
53.0	1.42	Digges	R
4.0	7.50	Digges	R
-	-	Digges	AR

3.0	50.00	Digges	C
-	-	Digges	C
5.0	3.00	Digges	C
-	-	Digges	-
28.0	4.11	Digges	R

**TABLE 4.3**

**COASTSIDE COUNTY WATER DISTRICT, HALF MOON BAY, CA  
WELLS USED IN CROSS SECTION C-C'**

DWR Number	Well Name	Elevation  feet	Date Drilled	Depth		Screen Interval  feet	Static Water Level  feet	Discharge  gpm	Drawdown  feet	Specific Capacity  gpm/ft	Driller	Method
				Total	Completed							
				feet	feet							

**Wells Shown on Cross Section**

31830	NurseryM.	-	7/19/1977	100	100	26 to 66	56.0	5	11.0	0.45	Digges	R	
20202	Our Lady	-	3/9/1973	84	84	12 to 80	18.0	-	-	-	Digges	R	
62177	Our Lady	65	1/28/1961	85	85	24 to 81	39.0	70	1.0	70.00	Digges	C	
31489	Mello	-	1/29/1987	78	75	40 to 65	24.0	17	2.0	8.50	Digges	R	
198263	Inwood	-	10/16/1986	95	85	35 to 75	14.0	100	14.0	7.14	Maggiora	R	Glog
198303	Inwood	-	6/3/1987	60	60	35 to 55	20.7	30	-	-	Maggiora	R	
198304	Inwood	-	5/28/1987	70	68	35 to 63	20.7	30	-	-	Maggiora	R	Glog

**TABLE 5.1**

**PILARCITOS CREEK AT HALF MOON BAY, CA  
DIVERSION OF CITY OF SAN FRANCISCO IN ACRE-FEET**

Water Year	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1973	149	56	14	1180	1500	620	137	336	190	181	188	186
1974	499	1260	1320	1290	501	1920	1680	157	140	359	45	58
1975	323	179	2	313	519	1340	568	376	2	2	189	77
1976	284	212	143	6	28	6	70	7	0	0	0	0
1977	65	68	41	32	35	28	19	33	42	58	90	69
1978	54	48	238	986	1020	1120	894	21	39	109	71	527
1979	68	48	15	941	754	470	344	14	44	80	72	103
1980	64	26	4	1721	1348	682	0	0	30	43	49	43
1981	58	47	19	17	4	0	6	54	88	133	124	121
AVG	174	216	200	721	634	687	413	111	64	107	92	132
MAX	499	1260	1320	1721	1500	1920	1680	376	190	359	189	527
MIN	54	26	2	6	4	0	0	0	0	0	0	0

SEE USGS GAUGE # 11162630

TOTAL
4737
9229
3891
756
580
5127
2953
4010
671
3550
9229
580

**TABLE 6.1**

**PUMPAGE FROM WELLS IN PILARCITOS CANYON BELOW STONE DAM  
MONTHLY DISCHARGE IN ACRE-FEET**

Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
													Calendar	WY
1972	40	54	19	0	0	0	0	0	0	0	74	84	272	113
1973	59	72	92	67	13	0	0	0	0	0	55	63	420	461
1974	71	37	67	35	0	0	0	0	0	0	18	21	249	327
1975	37	46	52	0	0	0	0	0	0	0	28	22	185	174
1976	13	16	20	0	0	0	0	0	0	0	24	16	88	99
1977	11	4	13	0	0	0	0	0	0	0	0	23	51	68
1978	42	32	43	0	15	0	0	0	0	0	7	10	149	154
1979	36	37	36	0	0	0	0	0	0	0	38	36	183	126
1980	45	55	62	0	3	0	0	0	0	0	9	13	188	240
1981	55	30	39	0	0	0	0	0	0	0	13	58	195	147
1982	73	67	62	75	72	0	0	0	0	0	24	54	426	419
1983	63	59	56	31	0	0	0	0	0	0	23	57	289	287
1984	50	16	37	0	0	0	0	0	0	0	28	68	198	182
1985	57	46	46	0	0	0	0	0	0	0	34	25	208	245
1986	47	47	43	9	0	0	0	0	0	0	17	21	182	204
1987	31	46	47	0	0	0	0	0	0	0	26	39	189	161
1988	48	33	21	0	0	0	0	0	0	0	23	39	164	167
1989	39	35	47	0	0	0	0	0	0	0	14	3	137	182
1990	23	27	28	0	0	0	0	0	0	0	12	15	105	95
1991	13	24	35	0	0	0	0	0	0	0	11	17	100	99
1992	27	32	41	0	0	0	0	0	0	0	19	39	157	127
1993	30	34	42	5	0	0	0	0	0	0	7	19	137	168
1994	12	26	27	0	0	0	0	0	0	0	19	36	120	90
1995	44	52	47	0	0	0	0	0	0	0	0	6	150	199
1996	45	51	65	0	0	0	0	0	0	0	2	42	205	167
1997	82	64	49	0	0	0	0	0	0	0	5	32	232	239
1998	74	87	55	0	0	0	0	0	0	0	3	21	240	253
1999	22	53	49	0	0	0	0	0	0	0	0	2	127	149
2000	25	56	63	0	0	0	0	0	0	0	0	17	162	147
2001	28	21	20	0	0	0	0	0	0	0	0	33	101	85
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	33
Average	41	42	44	7	3	0	0	0	0	0	18	31	187	181
MAX	82	87	92	75	72	0	0	0	0	0	74	84	426	461
MIN	11	4	13	0	0	0	0	0	0	0	0	2	51	33

TABLE 6.2

SURFACE WATER FROM PILARCITOS LAKE  
MONTHLY DISCHARGE IN ACRE-FEET

Calender Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
													Calender	WY	
1972	19	37	29	70	108	121	144	139	141	149	56	14	1027	807	
1973	0	0	0	3	59	153	181	188	186	113	70	0	951	988	
1974	1	1	0	3	11	40	45	45	58	56	36	6	303	386	
1975	1	1	1	0	12	65	70	84	72	54	25	0	385	405	
1976	6	29	6	14	93	116	116	110	62	65	68	41	724	630	
1977	32	36	30	19	33	42	58	90	69	54	48	26	536	582	
1978	6	0	0	0	2	39	64	71	90	68	48	15	402	398	
1979	8	3	1	2	14	44	80	72	103	97	39	5	466	457	
1980	3	3	3	0	0	45	64	73	63	58	47	19	378	396	
1981	17	4	0	6	54	88	133	124	121	30	30	45	651	671	
1982	0	0	0	0	0	7	128	141	121	106	25	9	537	501	
1983	2	3	0	53	70	99	122	113	107	92	45	5	712	709	
1984	39	45	37	56	94	143	141	151	167	145	82	32	1131	1015	
1985	19	19	37	44	116	111	143	131	153	130	122	31	1057	1032	
1986	45	38	107	129	150	169	150	153	134	132	89	64	1360	1358	
1987	72	53	69	133	158	172	209	201	163	126	51	49	1457	1516	
1988	45	75	122	126	121	124	167	135	125	89	45	41	1216	1267	
1989	33	32	62	70	91	131	151	152	125	106	93	93	1136	1019	
1990	59	58	61	116	119	97	143	136	115	110	81	72	1167	1196	
1991	62	45	21	67	86	105	95	112	122	93	72	50	932	980	
1992	50	10	42	74	82	89	123	137	113	94	48	18	881	935	
1993	14	12	10	65	93	129	96	137	130	104	78	38	909	849	
1994	43	16	50	91	98	150	149	164	30	0	0	34	825	1012	
1995	18	10	22	72	84	115	163	161	153	161	128	52	1138	831	
1996	38	16	21	107	137	157	159	149	171	137	57	0	1147	1295	
1997	10	40	75	150	183	219	208	215	214	171	16	50	1550	1506	
1998	23	32	40	110	117	141	168	196	165	165	63	80	1298	1228	
1999	97	42	60	138	160	164	190	132	0	0	41	64	1089	1292	
2000	9	23	22	152	119	153	172	206	0	0	0	0	856	961	
2001	89	87	113	146	203	117	0	285	191	0	0	44	1275	1231	
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
Average	29	26	35	67	89	112	128	140	115	90	54	33	917	887	
MAX	97	87	122	152	203	219	209	285	214	171	128	93	1550	1516	
MIN	0	0	0	0	0	7	0	45	0	0	0	0	303	44	

**TABLE 6.3**  
**SURFACE WATER FROM CRYSTAL SPRINGS RESERVOIR**  
**MONTHLY DISCHARGE IN ACRE-FEET**

Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
													Calendar	WY
1994	-	-	-	-	-	-	-	-	116	124	61	0	300	116
1995	0	0	0	0	0	0	0	0	0	0	35	21	56	185
1996	0	0	0	0	0	0	0	0	0	0	15	16	31	56
1997	0	0	0	0	0	0	0	0	0	10	102	0	112	31
1998	0	0	0	0	0	17	16	27	31	11	38	2	143	203
1999	0	0	0	0	17	23	20	20	201	193	51	14	538	333
2000	47	0	0	11	12	26	18	22	217	167	129	99	749	611
2001	0	0	0	7	26	123	250	104	26	204	112	10	863	932
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	326
Average	7	0	0	2	8	27	43	25	68	84	69	23	356	336
MAX	47	0	0	11	26	123	250	104	217	204	129	99	863	932
MIN	0	0	0	0	0	0	0	0	0	0	15	0	31	31

**TABLE 6.4**

**SURFACE WATER FROM DENNISTON CREEK  
MONTHLY DISCHARGE IN ACRE-FEET**

Calender Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		
													Calender	WY	
1972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	13	14	27	-	-
1974	30	37	38	51	106	103	101	83	72	70	60	60	812	648	
1975	75	48	68	97	105	66	66	67	92	83	66	76	909	874	
1976	58	79	54	72	27	3	8	24	71	24	25	29	475	622	
1977	68	41	31	29	17	8	3	5	15	29	43	22	311	294	
1978	45	38	46	77	101	51	70	46	49	57	69	64	714	618	
1979	60	55	61	91	107	98	72	60	55	38	52	72	821	849	
1980	58	83	43	67	92	98	88	65	75	77	64	83	894	832	
1981	72	71	58	87	79	36	34	16	19	31	37	75	615	696	
1982	31	12	16	20	8	82	86	71	39	28	42	32	466	507	
1983	36	22	0	42	77	98	109	93	95	65	39	35	710	674	
1984	20	59	71	76	79	65	39	36	30	53	36	27	591	613	
1985	43	38	58	50	83	76	51	56	56	39	56	40	646	627	
1986	37	25	40	67	67	87	66	74	44	25	42	47	621	641	
1987	37	36	38	56	59	40	36	34	17	27	34	22	435	468	
1988	28	41	49	34	43	40	23	26	20	37	40	40	420	386	
1989	32	34	25	58	65	51	52	39	42	39	48	51	534	513	
1990	36	27	46	34	26	32	30	23	27	25	37	44	386	418	
1991	19	29	28	44	30	34	16	24	20	13	30	18	307	351	
1992	34	24	38	72	63	61	69	40	29	25	29	30	514	491	
1993	41	50	71	66	62	74	77	70	67	68	56	71	773	661	
1994	67	60	64	60	48	54	40	39	32	39	52	53	606	658	
1995	42	39	59	51	58	58	68	63	52	42	37	36	605	634	
1996	35	39	62	64	86	80	78	69	76	69	68	47	773	704	
1997	22	45	59	78	79	80	73	67	61	53	50	38	704	747	
1998	23	4	44	52	74	71	78	79	78	71	59	65	699	645	
1999	64	40	61	56	77	72	83	70	77	78	70	63	811	794	
2000	54	10	29	74	77	63	75	73	75	54	58	57	699	741	
2001	62	54	47	60	69	58	51	38	37	46	59	55	635	644	
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160
Average	44	41	47	60	67	62	59	52	51	47	47	47	604	604	
MAX	75	83	71	97	107	103	109	93	95	83	70	83	909	874	
MIN	19	4	0	20	8	3	3	5	15	13	13	14	27	160	



**TABLE 6.6**

**COASTSIDE COUNTY WATER DISTRICT, HALF MOON BAY, CA  
WATER USAGE BY CATEGORY IN ACRE-FEET**

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>Group 1</b>																	
Residential	758	871	630	772	873	912	948	938	1066	1067	996	1014	1061	913	872	854	674
Floriculture	246	253	188	189	197	191	205	246	256	290	270	293	321	273	260	357	248
Multiple Dwellings	56	62	54	63	73	83	85	93	87	110	184	198	198	182	163	163	141
Commercial	74	71	41	61	64	94	113	118	106	144	111	111	135	118	122	137	111
<b>Group 2</b>																	
Irrigation	-	-	-	-	-	-	-	-	-	-	51	49	54	61	50	49	42
Hotels and Motels	5	10	12	14	15	13	13	17	15	18	28	30	34	37	30	29	26
Schools	37	27	20	37	32	27	28	25	24	31	34	44	58	42	44	41	32
Restaurants	22	26	22	27	33	33	36	37	30	33	31	37	43	43	37	37	34
Marine Related	14	18	12	13	17	9	16	16	15	21	6	6	7	5	22	23	19
Recreation	4	5	2	2	4	7	7	7	8	10	10	19	17	20	2	3	4
Beaches and Parks	11	11	9	9	10	11	11	10	9	10	14	15	16	11	7	9	2
<b>Total Sales</b>	<b>1226</b>	<b>1355</b>	<b>989</b>	<b>1186</b>	<b>1317</b>	<b>1380</b>	<b>1461</b>	<b>1507</b>	<b>1615</b>	<b>1734</b>	<b>1735</b>	<b>1818</b>	<b>1943</b>	<b>1703</b>	<b>1609</b>	<b>1703</b>	<b>1333</b>
Group 1	1134	1257	913	1084	1207	1280	1351	1395	1515	1611	1562	1616	1715	1485	1417	1511	1175
Group 2	92	98	76	101	110	100	110	112	100	123	173	202	229	218	191	191	158
Percent Group 1	92	93	92	91	92	93	92	93	94	93	90	89	88	87	88	89	88

**TABLE 6.6 (continued)**

**COASTSIDE COUNTY WATER DISTRICT, HALF MOON BAY, CA  
WATER USAGE BY CATEGORY IN ACRE-FEET**

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	MIN	MAX
<b>Group 1</b>												
Residential	765	863	932	1020	1085	1187	1080	1150	1155	1227	630	1227
Floriculture	281	265	291	320	304	351	348	415	408	466	188	466
Multiple Dwellings	158	176	176	181	191	198	192	191	194	219	54	219
Commercial	108	105	109	119	131	140	142	175	217	165	41	217
<b>Group 2</b>												
Irrigation	43	67	62	69	79	204	172	180	166	209	42	209
Hotels and Motels	28	28	34	33	36	42	43	45	45	68	5	68
Schools	52	50	43	49	57	63	45	61	57	55	20	63
Restaurants	32	34	35	40	42	30	29	31	31	39	22	43
Marine Related	19	25	33	33	31	35	38	22	10	11	5	38
Recreation	3	3	4	4	3	3	3	20	26	27	2	27
Beaches and Parks	5	9	10	10	10	12	10	12	19	14	2	19
Total Sales	1495	1626	1727	1878	1970	2266	2104	2300	2328	2499	989	2499
Group 1	1312	1409	1507	1640	1711	1876	1763	1930	1975	2077		
Group 2	183	217	220	238	259	390	341	370	354	422		
Percent Group 1	88	87	87	87	87	83	84	84	85	83	83	94

TABLE 7.1

COASTSIDE COUNTY WATER DISTRICT, HALF MOON BAY, CA  
**WATER BALANCE FOR CROPLAND AND LANDSCAPING**

October 1984 - September 2001

Data used for calculations:

- Rooting depth: entire depth of each soil
- Soil moisture capacity: 6 inches
- Potential evapotranspiration: 32.92 inches CIMIS ETo for Coastal Plains Heavy Fog Belt
- Average annual rainfall: Half Moon Bay, 26.9 inches over study period

Definition of terms:

- Pg = Precipitation, Half Moon Bay Airport
- Pg\* = Precipitation, Half Moon Bay, no adjustment
- R = Runoff. Assumed as 20 percent of Pg.
- Pn = Net Precipitation. Precipitation after interception losses.
- PET = Potential Reference evapotranspiration
- AET = Actual evapotranspiration.
- QSM1 = Soil moisture at the beginning of the month.
- QSM2 = Soil moisture at the end of the month.
- Qgen = Water yield generated.

Rainfall factor = 1  
 Soil moisture capacity = 6.7  
 Runoff = 0.2

Water Year 1986-1987													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.42	0.32	3.10	5.10	3.87	4.16	0.95	0.06	0.08	0.00	0.10	0.00	18.16
Pg*	0.42	0.32	3.10	5.10	3.87	4.16	0.95	0.06	0.08	0.00	0.10	0.00	18.16
R	0.08	0.06	0.62	1.02	0.77	0.83	0.19	0.01	0.02	0.00	0.02	0.00	3.63
Pn	0.34	0.26	2.48	4.08	3.10	3.33	0.76	0.05	0.06	0.00	0.08	0.00	14.53
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.34	0.26	0.62	0.93	1.40	2.48	3.30	4.03	0.24	0.00	0.08	0.00	13.67
QSM1	0.00	0.00	0.00	1.86	5.01	6.70	6.70	4.16	0.18	0.00	0.00	0.00	
QSM2	0.00	0.00	1.86	5.01	6.70	6.70	4.16	0.18	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	0.01	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.85
Water Year 1987-1988													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	2.13	2.63	6.03	4.48	0.58	0.12	3.04	0.69	0.29	0.15	0.01	0.02	20.17
Pg*	2.13	2.63	6.03	4.48	0.58	0.12	3.04	0.69	0.29	0.15	0.01	0.02	20.17
R	0.43	0.53	1.21	0.90	0.12	0.02	0.61	0.14	0.06	0.03	0.00	0.00	4.03
Pn	1.70	2.10	4.82	3.58	0.46	0.10	2.43	0.55	0.23	0.12	0.01	0.02	16.14
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	1.70	1.20	0.62	0.93	1.40	2.48	3.30	3.06	0.23	0.12	0.01	0.02	15.07
QSM1	0.00	0.00	0.90	5.11	6.70	5.76	3.38	2.51	0.00	0.00	0.00	0.00	
QSM2	0.00	0.90	5.11	6.70	5.76	3.38	2.51	0.00	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06
Water Year 1988-1989													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.94	3.55	5.17	2.01	1.30	7.95	1.83	0.31	0.10	0.13	0.27	0.95	24.51
Pg*	0.94	3.55	5.17	2.01	1.30	7.95	1.83	0.31	0.10	0.13	0.27	0.95	24.51
R	0.19	0.71	1.03	0.40	0.26	1.59	0.37	0.06	0.02	0.03	0.05	0.19	4.90
Pn	0.75	2.84	4.14	1.61	1.04	6.36	1.46	0.25	0.08	0.10	0.22	0.76	19.61
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.75	1.20	0.62	0.93	1.40	2.48	3.30	4.03	1.16	0.10	0.22	0.76	16.95
QSM1	0.00	0.00	1.64	5.16	5.83	5.47	6.70	4.86	1.08	0.00	0.00	0.00	
QSM2	0.00	1.64	5.16	5.83	5.47	6.70	4.86	1.08	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	2.65
Water Year 1989-1990													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	2.05	1.95	0.03	4.29	2.52	1.33	0.29	2.82	0.46	0.24	0.14	0.33	16.45
Pg*	2.05	1.95	0.03	4.29	2.52	1.33	0.29	2.82	0.46	0.24	0.14	0.33	16.45
R	0.41	0.39	0.01	0.86	0.50	0.27	0.06	0.56	0.09	0.05	0.03	0.07	3.29
Pn	1.64	1.56	0.02	3.43	2.02	1.06	0.23	2.26	0.37	0.19	0.11	0.26	13.16
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	1.64	1.20	0.38	0.93	1.40	2.48	1.93	2.26	0.37	0.19	0.11	0.26	13.16

QSM1	0.00	0.00	0.36	0.00	2.50	3.12	1.70	0.00	0.00	0.00	0.00	0.00	
QSM2	0.00	0.36	0.00	2.50	3.12	1.70	0.00	0.00	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Year 1990-1991													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.55	0.74	2.58	0.56	4.19	8.81	0.90	0.67	0.32	0.27	0.92	0.25	20.76
Pg*	0.55	0.74	2.58	0.56	4.19	8.81	0.90	0.67	0.32	0.27	0.92	0.25	20.76
R	0.11	0.15	0.52	0.11	0.84	1.76	0.18	0.13	0.06	0.05	0.18	0.05	4.15
Pn	0.44	0.59	2.06	0.45	3.35	7.05	0.72	0.54	0.26	0.22	0.74	0.20	16.61
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.44	0.59	0.62	0.93	1.40	2.48	3.30	4.03	0.88	0.22	0.74	0.20	15.83
QSM1	0.00	0.00	0.00	1.44	0.96	2.91	6.70	4.12	0.63	0.00	0.00	0.00	
QSM2	0.00	0.00	1.44	0.96	2.91	6.70	4.12	0.63	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.78
Water Year 1991-1992													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	2.63	1.01	3.60	3.18	8.70	3.45	0.40	0.06	0.84	0.02	0.18	0.12	24.19
Pg*	2.63	1.01	3.60	3.18	8.70	3.45	0.40	0.06	0.84	0.02	0.18	0.12	24.19
R	0.53	0.20	0.72	0.64	1.74	0.69	0.08	0.01	0.17	0.00	0.04	0.02	4.84
Pn	2.10	0.81	2.88	2.54	6.96	2.76	0.32	0.05	0.67	0.02	0.14	0.10	19.35
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	2.10	0.81	0.62	0.93	1.40	2.48	3.30	3.77	0.67	0.02	0.14	0.10	16.34
QSM1	0.00	0.00	0.00	2.26	3.87	6.70	6.70	3.72	0.00	0.00	0.00	0.00	
QSM2	0.00	0.00	2.26	3.87	6.70	6.70	3.72	0.00	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	2.73	0.28	0.00	0.00	0.00	0.00	0.00	0.00	3.01
Water Year 1992-1993													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	2.88	0.67	8.10	9.21	5.59	2.79	1.68	1.38	0.48	0.06	0.17	0.21	33.22
Pg*	2.88	0.67	8.10	9.21	5.59	2.79	1.68	1.38	0.48	0.06	0.17	0.21	33.22
R	0.58	0.13	1.62	1.84	1.12	0.56	0.34	0.28	0.10	0.01	0.03	0.04	6.64
Pn	2.30	0.54	6.48	7.37	4.47	2.23	1.34	1.10	0.38	0.05	0.14	0.17	26.58
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	2.30	0.54	0.62	0.93	1.40	2.48	3.30	4.03	1.95	0.05	0.14	0.17	17.91
QSM1	0.00	0.00	0.00	5.86	6.70	6.70	6.45	4.50	1.57	0.00	0.00	0.00	
QSM2	0.00	0.00	5.86	6.70	6.70	6.45	4.50	1.57	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	5.60	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.67
Water Year 1993-1994													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.62	1.55	2.77	2.63	5.61	0.77	1.85	1.64	0.11	0.13	0.17	0.09	17.94
Pg*	0.62	1.55	2.77	2.63	5.61	0.77	1.85	1.64	0.11	0.13	0.17	0.09	17.94
R	0.12	0.31	0.55	0.53	1.12	0.15	0.37	0.33	0.02	0.03	0.03	0.02	3.59
Pn	0.50	1.24	2.22	2.10	4.49	0.62	1.48	1.31	0.09	0.10	0.14	0.07	14.35
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.50	1.20	0.62	0.93	1.40	2.48	3.30	3.53	0.09	0.10	0.14	0.07	14.35
QSM1	0.00	0.00	0.04	1.64	2.81	5.90	4.03	2.21	0.00	0.00	0.00	0.00	
QSM2	0.00	0.04	1.64	2.81	5.90	4.03	2.21	0.00	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Year 1994-1995													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.08	5.34	3.93	11.38	0.26	8.71	2.35	1.54	0.78	0.05	0.05	0.15	34.62
Pg*	0.08	5.34	3.93	11.38	0.26	8.71	2.35	1.54	0.78	0.05	0.05	0.15	34.62
R	0.02	1.07	0.79	2.28	0.05	1.74	0.47	0.31	0.16	0.01	0.01	0.03	6.92
Pn	0.06	4.27	3.14	9.10	0.21	6.97	1.88	1.23	0.62	0.04	0.04	0.12	27.70
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.06	1.20	0.62	0.93	1.40	2.48	3.30	4.03	3.11	0.04	0.04	0.12	17.33
QSM1	0.00	0.00	3.07	5.60	6.70	5.51	6.70	5.28	2.48	0.00	0.00	0.00	
QSM2	0.00	3.07	5.60	6.70	5.51	6.70	5.28	2.48	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	7.07	0.00	3.30	0.00	0.00	0.00	0.00	0.00	0.00	10.37
Water Year 1995-1996													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.07	0.30	8.25	8.27	7.05	3.34	1.98	2.16	0.13	0.06	0.07	0.20	31.88
Pg*	0.07	0.30	8.25	8.27	7.05	3.34	1.98	2.16	0.13	0.06	0.07	0.20	31.88
R	0.01	0.06	1.65	1.65	1.41	0.67	0.40	0.43	0.03	0.01	0.01	0.04	6.38
Pn	0.06	0.24	6.60	6.62	5.64	2.67	1.58	1.73	0.10	0.05	0.06	0.16	25.50
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.06	0.24	0.62	0.93	1.40	2.48	3.30	4.03	2.79	0.05	0.06	0.16	16.11
QSM1	0.00	0.00	0.00	5.98	6.70	6.70	6.70	4.98	2.68	0.00	0.00	0.00	

QSM2	0.00	0.00	5.98	6.70	6.70	6.70	4.98	2.68	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	4.97	4.24	0.19	0.00	0.00	0.00	0.00	0.00	0.00	9.40

Water Year 1996-1997													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	1.47	2.71	8.83	9.86	0.29	0.59	0.96	0.44	0.57	0.13	0.77	0.08	26.70
Pg*	1.47	2.71	8.83	9.86	0.29	0.59	0.96	0.44	0.57	0.13	0.77	0.08	26.70
R	0.29	0.54	1.77	1.97	0.06	0.12	0.19	0.09	0.11	0.03	0.15	0.02	5.34
Pn	1.18	2.17	7.06	7.89	0.23	0.47	0.77	0.35	0.46	0.10	0.62	0.06	21.36
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	1.18	1.20	0.62	0.93	1.40	2.48	3.30	1.34	0.46	0.10	0.62	0.06	13.69
QSM1	0.00	0.00	0.97	6.70	6.70	5.53	3.52	0.99	0.00	0.00	0.00	0.00	
QSM2	0.00	0.97	6.70	6.70	5.53	3.52	0.99	0.00	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.71	6.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.67

Water Year 1997-1998													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.77	7.84	3.65	12.13	15.70	2.58	2.73	4.01	0.30	0.18	0.06	0.25	50.20
Pg*	0.77	7.84	3.65	12.13	15.70	2.58	2.73	4.01	0.30	0.18	0.06	0.25	50.20
R	0.15	1.57	0.73	2.43	3.14	0.52	0.55	0.80	0.06	0.04	0.01	0.05	10.04
Pn	0.62	6.27	2.92	9.70	12.56	2.06	2.18	3.21	0.24	0.14	0.05	0.20	40.16
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.62	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	0.23	0.05	0.20	19.55
QSM1	0.00	0.00	5.07	6.70	6.70	6.70	6.28	5.17	4.35	0.09	0.00	0.00	
QSM2	0.00	5.07	6.70	6.70	6.70	6.28	5.17	4.35	0.09	0.00	0.00	0.00	
Qgen	0.00	0.00	0.67	8.77	11.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.61

Water Year 1998-1999													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.99	3.75	2.12	6.40	7.60	4.82	2.73	0.12	0.46	0.05	0.34	0.21	29.59
Pg*	0.99	3.75	2.12	6.40	7.60	4.82	2.73	0.12	0.46	0.05	0.34	0.21	29.59
R	0.20	0.75	0.42	1.28	1.52	0.96	0.55	0.02	0.09	0.01	0.07	0.04	5.92
Pn	0.79	3.00	1.70	5.12	6.08	3.86	2.18	0.10	0.37	0.04	0.27	0.17	23.67
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.79	1.20	0.62	0.93	1.40	2.48	3.30	4.03	2.02	0.04	0.27	0.17	17.25
QSM1	0.00	0.00	1.80	2.88	6.70	6.70	6.70	5.58	1.65	0.00	0.00	0.00	
QSM2	0.00	1.80	2.88	6.70	6.70	6.70	5.58	1.65	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.37	4.68	1.38	0.00	0.00	0.00	0.00	0.00	0.00	6.42

Water Year 1999-2000													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.82	2.94	0.93	7.53	11.27	2.45	3.10	1.72	0.18	0.26	0.19	0.41	31.80
Pg*	0.82	2.94	0.93	7.53	11.27	2.45	3.10	1.72	0.18	0.26	0.19	0.41	31.80
R	0.16	0.59	0.19	1.51	2.25	0.49	0.62	0.34	0.04	0.05	0.04	0.08	6.36
Pn	0.66	2.35	0.74	6.02	9.02	1.96	2.48	1.38	0.14	0.21	0.15	0.33	25.44
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	0.66	1.20	0.62	0.93	1.40	2.48	3.30	4.03	2.85	0.21	0.15	0.33	18.15
QSM1	0.00	0.00	1.15	1.28	6.37	6.70	6.18	5.36	2.71	0.00	0.00	0.00	
QSM2	0.00	1.15	1.28	6.37	6.70	6.18	5.36	2.71	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	7.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.29

Water Year 2000-2001													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	3.74	1.30	0.69	5.75	6.44	1.67	2.19	0.02	0.12	0.28	0.39	0.26	22.85
Pg*	3.74	1.30	0.69	5.75	6.44	1.67	2.19	0.02	0.12	0.28	0.39	0.26	22.85
R	0.75	0.26	0.14	1.15	1.29	0.33	0.44	0.00	0.02	0.06	0.08	0.05	4.57
Pn	2.99	1.04	0.55	4.60	5.15	1.34	1.75	0.02	0.10	0.22	0.31	0.21	18.28
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
AET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.02	0.10	0.22	0.31	0.21	17.27
QSM1	0.00	0.51	0.35	0.28	3.95	6.70	5.56	4.01	0.00	0.00	0.00	0.00	
QSM2	0.51	0.35	0.28	3.95	6.70	5.56	4.01	0.00	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01

Average Annual Runoff, in 5.4  
Average Annual Recharge, in 5.3  
Average Annual Irrigation Requirement (PET-AET), in/yr 16.7

TABLE 7.2

COASTSIDE COUNTY WATER DISTRICT, HALF MOON BAY, CA  
**WATER BALANCE FOR NATIVE VEGETATION**

October 1984 - September 2001

Data used for calculations:

- Rooting depth: entire depth of each soil
- Soil moisture capacity: 6 inches
- Potential evapotranspiration: 32.92 inches per year CIMIS ETo for Coastal Plains Heavy Fog Belt
- Average annual rainfall: Half Moon Bay, 26.9 inches over study period

Definition of terms:

- Pg = Precipitation, Half Moon Bay Airport
- Pg\* = Precipitation, Half Moon Bay, no adjustment
- R = Runoff. Assumed as 20 percent of Pg.
- Pn = Net Precipitation. Precipitation after interception losses.
- PET = Potential evapotranspiration, corrected for sagebrush-grass native vegetation (Stephens, 1996).
- AET = Actual evapotranspiration.
- QSM1 = Soil moisture at the beginning of the month.
- QSM2 = Soil moisture at the end of the month.
- Qgen = Water yield generated.

Rainfall factor = 1  
 Soil moisture capacity = 6.7  
 Runoff = 0.2

Native vegetation ET, sagebrush-grass from Stephens, *Vadose Zone Hydrology*, 1995, Table 1.

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
PET	2.48	1.20	0.62	0.93	1.40	2.48	3.30	4.03	4.50	4.65	4.03	3.30	32.92
Kco	0.50	0.50	0.50	0.50	0.50	0.50	0.60	0.80	0.80	0.80	0.71	0.53	
NATIVE ET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69

Water Year 1986-1987

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.42	0.32	3.10	5.10	3.87	4.16	0.95	0.06	0.08	0.00	0.10	0.00	18.16
Pg*	0.42	0.32	3.10	5.10	3.87	4.16	0.95	0.06	0.08	0.00	0.10	0.00	18.16
R	0.08	0.06	0.62	1.02	0.77	0.83	0.19	0.01	0.02	0.00	0.02	0.00	3.63
Pn	0.34	0.26	2.48	4.08	3.10	3.33	0.76	0.05	0.06	0.00	0.08	0.00	14.53
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.34	0.26	0.31	0.47	0.70	1.24	1.98	3.22	2.37	0.00	0.08	0.00	10.96
QSM1	0.00	0.00	0.00	2.17	5.79	6.70	6.70	5.48	2.30	0.00	0.00	0.00	
QSM2	0.00	0.00	2.17	5.79	6.70	6.70	5.48	2.30	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	1.48	2.09	0.00	0.00	0.00	0.00	0.00	0.00	3.57

Water Year 1987-1988

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	2.13	2.63	6.03	4.48	0.58	0.12	3.04	0.69	0.29	0.15	0.01	0.02	20.17
Pg*	2.13	2.63	6.03	4.48	0.58	0.12	3.04	0.69	0.29	0.15	0.01	0.02	20.17
R	0.43	0.53	1.21	0.90	0.12	0.02	0.61	0.14	0.06	0.03	0.00	0.00	4.03
Pn	1.70	2.10	4.82	3.58	0.46	0.10	2.43	0.55	0.23	0.12	0.01	0.02	16.14
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.33	0.12	0.01	0.02	13.24
QSM1	0.00	0.46	1.97	6.48	6.70	6.46	5.32	5.77	3.10	0.00	0.00	0.00	
QSM2	0.46	1.97	6.48	6.70	6.46	5.32	5.77	3.10	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90

Water Year 1988-1989

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.94	3.55	5.17	2.01	1.30	7.95	1.83	0.31	0.10	0.13	0.27	0.95	24.51
Pg*	0.94	3.55	5.17	2.01	1.30	7.95	1.83	0.31	0.10	0.13	0.27	0.95	24.51
R	0.19	0.71	1.03	0.40	0.26	1.59	0.37	0.06	0.02	0.03	0.05	0.19	4.90
Pn	0.75	2.84	4.14	1.61	1.04	6.36	1.46	0.25	0.08	0.10	0.22	0.76	19.61
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.75	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.29	0.10	0.22	0.76	13.64
QSM1	0.00	0.00	2.24	6.07	6.70	6.70	6.70	6.18	3.21	0.00	0.00	0.00	
QSM2	0.00	2.24	6.07	6.70	6.70	6.70	6.18	3.21	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.51	0.34	5.12	0.00	0.00	0.00	0.00	0.00	0.00	5.97

Water Year 1989-1990

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	2.05	1.95	0.03	4.29	2.52	1.33	0.29	2.82	0.46	0.24	0.14	0.33	16.45
Pg*	2.05	1.95	0.03	4.29	2.52	1.33	0.29	2.82	0.46	0.24	0.14	0.33	16.45
R	0.41	0.39	0.01	0.86	0.50	0.27	0.06	0.56	0.09	0.05	0.03	0.07	3.29
Pn	1.64	1.56	0.02	3.43	2.02	1.06	0.23	2.26	0.37	0.19	0.11	0.26	13.16

PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	2.83	0.19	0.11	0.26	13.16
QSM1	0.00	0.40	1.36	1.07	4.04	5.36	5.18	3.43	2.47	0.00	0.00	0.00	
QSM2	0.40	1.36	1.07	4.04	5.36	5.18	3.43	2.47	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Year 1990-1991													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.55	0.74	2.58	0.56	4.19	8.81	0.90	0.67	0.32	0.27	0.92	0.25	20.76
Pg*	0.55	0.74	2.58	0.56	4.19	8.81	0.90	0.67	0.32	0.27	0.92	0.25	20.76
R	0.11	0.15	0.52	0.11	0.84	1.76	0.18	0.13	0.06	0.05	0.18	0.05	4.15
Pn	0.44	0.59	2.06	0.45	3.35	7.05	0.72	0.54	0.26	0.22	0.74	0.20	16.61
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.44	0.59	0.31	0.47	0.70	1.24	1.98	3.22	3.01	0.22	0.74	0.20	13.11
QSM1	0.00	0.00	0.00	1.75	1.74	4.39	6.70	5.44	2.75	0.00	0.00	0.00	
QSM2	0.00	0.00	1.75	1.74	4.39	6.70	5.44	2.75	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	3.50
Water Year 1991-1992													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	2.63	1.01	3.60	3.18	8.70	3.45	0.40	0.06	0.84	0.02	0.18	0.12	24.19
Pg*	2.63	1.01	3.60	3.18	8.70	3.45	0.40	0.06	0.84	0.02	0.18	0.12	24.19
R	0.53	0.20	0.72	0.64	1.74	0.69	0.08	0.01	0.17	0.00	0.04	0.02	4.84
Pn	2.10	0.81	2.88	2.54	6.96	2.76	0.32	0.05	0.67	0.02	0.14	0.10	19.35
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	2.54	0.02	0.14	0.10	12.55
QSM1	0.00	0.86	1.07	3.64	5.72	6.70	6.70	5.04	1.86	0.00	0.00	0.00	
QSM2	0.86	1.07	3.64	5.72	6.70	6.70	5.04	1.86	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	5.28	1.52	0.00	0.00	0.00	0.00	0.00	0.00	6.80
Water Year 1992-1993													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	2.88	0.67	8.10	9.21	5.59	2.79	1.68	1.38	0.48	0.06	0.17	0.21	33.22
Pg*	2.88	0.67	8.10	9.21	5.59	2.79	1.68	1.38	0.48	0.06	0.17	0.21	33.22
R	0.58	0.13	1.62	1.84	1.12	0.56	0.34	0.28	0.10	0.01	0.03	0.04	6.64
Pn	2.30	0.54	6.48	7.37	4.47	2.23	1.34	1.10	0.38	0.05	0.14	0.17	26.58
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	0.78	0.14	0.17	14.44
QSM1	0.00	1.06	1.00	6.70	6.70	6.70	6.70	6.06	3.94	0.73	0.00	0.00	
QSM2	1.06	1.00	6.70	6.70	6.70	6.70	6.06	3.94	0.73	0.00	0.00	0.00	
Qgen	0.00	0.00	0.47	6.90	3.77	0.99	0.00	0.00	0.00	0.00	0.00	0.00	12.14
Water Year 1993-1994													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.62	1.55	2.77	2.63	5.61	0.77	1.85	1.64	0.11	0.13	0.17	0.09	17.94
Pg*	0.62	1.55	2.77	2.63	5.61	0.77	1.85	1.64	0.11	0.13	0.17	0.09	17.94
R	0.12	0.31	0.55	0.53	1.12	0.15	0.37	0.33	0.02	0.03	0.03	0.02	3.59
Pn	0.50	1.24	2.22	2.10	4.49	0.62	1.48	1.31	0.09	0.10	0.14	0.07	14.35
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.50	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	0.26	0.14	0.07	13.08
QSM1	0.00	0.00	0.64	2.55	4.19	6.70	6.08	5.58	3.66	0.15	0.00	0.00	
QSM2	0.00	0.64	2.55	4.19	6.70	6.08	5.58	3.66	0.15	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27
Water Year 1994-1995													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.08	5.34	3.93	11.38	0.26	8.71	2.35	1.54	0.78	0.05	0.05	0.15	34.62
Pg*	0.08	5.34	3.93	11.38	0.26	8.71	2.35	1.54	0.78	0.05	0.05	0.15	34.62
R	0.02	1.07	0.79	2.28	0.05	1.74	0.47	0.31	0.16	0.01	0.01	0.03	6.92
Pn	0.06	4.27	3.14	9.10	0.21	6.97	1.88	1.23	0.62	0.04	0.04	0.12	27.70
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.06	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	1.67	0.04	0.12	14.02
QSM1	0.00	0.00	3.67	6.51	6.70	6.21	6.70	6.60	4.61	1.63	0.00	0.00	
QSM2	0.00	3.67	6.51	6.70	6.21	6.70	6.60	4.61	1.63	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	8.45	0.00	5.24	0.00	0.00	0.00	0.00	0.00	0.00	13.68
Water Year 1995-1996													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.07	0.30	8.25	8.27	7.05	3.34	1.98	2.16	0.13	0.06	0.07	0.20	31.88
Pg*	0.07	0.30	8.25	8.27	7.05	3.34	1.98	2.16	0.13	0.06	0.07	0.20	31.88
R	0.01	0.06	1.65	1.65	1.41	0.67	0.40	0.43	0.03	0.01	0.01	0.04	6.38
Pn	0.06	0.24	6.60	6.62	5.64	2.67	1.58	1.73	0.10	0.05	0.06	0.16	25.50
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.06	0.24	0.31	0.47	0.70	1.24	1.98	3.22	3.60	1.36	0.06	0.16	13.39

QSM1	0.00	0.00	0.00	6.29	6.70	6.70	6.70	6.30	4.81	1.31	0.00	0.00	
QSM2	0.00	0.00	6.29	6.70	6.70	6.70	6.30	4.81	1.31	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	5.74	4.94	1.43	0.00	0.00	0.00	0.00	0.00	0.00	12.11

Water Year 1996-1997													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	1.47	2.71	8.83	9.86	0.29	0.59	0.96	0.44	0.57	0.13	0.77	0.08	26.70
Pg*	1.47	2.71	8.83	9.86	0.29	0.59	0.96	0.44	0.57	0.13	0.77	0.08	26.70
R	0.29	0.54	1.77	1.97	0.06	0.12	0.19	0.09	0.11	0.03	0.15	0.02	5.34
Pn	1.18	2.17	7.06	7.89	0.23	0.47	0.77	0.35	0.46	0.10	0.62	0.06	21.36
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	1.18	0.60	0.31	0.47	0.70	1.24	1.98	3.22	1.84	0.10	0.62	0.06	12.32
QSM1	0.00	0.00	1.57	6.70	6.70	6.23	5.46	4.25	1.38	0.00	0.00	0.00	
QSM2	0.00	1.57	6.70	6.70	6.23	5.46	4.25	1.38	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	1.62	7.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.05

Water Year 1997-1998													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.77	7.84	3.65	12.13	15.70	2.58	2.73	4.01	0.30	0.18	0.06	0.25	50.20
Pg*	0.77	7.84	3.65	12.13	15.70	2.58	2.73	4.01	0.30	0.18	0.06	0.25	50.20
R	0.15	1.57	0.73	2.43	3.14	0.52	0.55	0.80	0.06	0.04	0.01	0.05	10.04
Pn	0.62	6.27	2.92	9.70	12.56	2.06	2.18	3.21	0.24	0.14	0.05	0.20	40.16
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.62	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.47	0.05	0.20	16.45
QSM1	0.00	0.00	5.67	6.70	6.70	6.70	6.70	6.70	6.68	3.32	0.00	0.00	
QSM2	0.00	5.67	6.70	6.70	6.70	6.70	6.70	6.68	3.32	0.00	0.00	0.00	
Qgen	0.00	0.00	1.58	9.24	11.86	0.82	0.20	0.00	0.00	0.00	0.00	0.00	23.71

Water Year 1998-1999													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.99	3.75	2.12	6.40	7.60	4.82	2.73	0.12	0.46	0.05	0.34	0.21	29.59
Pg*	0.99	3.75	2.12	6.40	7.60	4.82	2.73	0.12	0.46	0.05	0.34	0.21	29.59
R	0.20	0.75	0.42	1.28	1.52	0.96	0.55	0.02	0.09	0.01	0.07	0.04	5.92
Pn	0.79	3.00	1.70	5.12	6.08	3.86	2.18	0.10	0.37	0.04	0.27	0.17	23.67
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.79	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	0.38	0.27	0.17	13.73
QSM1	0.00	0.00	2.40	3.79	6.70	6.70	6.70	6.70	3.57	0.34	0.00	0.00	
QSM2	0.00	2.40	3.79	6.70	6.70	6.70	6.70	3.57	0.34	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	1.74	5.38	2.62	0.20	0.00	0.00	0.00	0.00	0.00	9.94

Water Year 1999-2000													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	0.82	2.94	0.93	7.53	11.27	2.45	3.10	1.72	0.18	0.26	0.19	0.41	31.80
Pg*	0.82	2.94	0.93	7.53	11.27	2.45	3.10	1.72	0.18	0.26	0.19	0.41	31.80
R	0.16	0.59	0.19	1.51	2.25	0.49	0.62	0.34	0.04	0.05	0.04	0.08	6.36
Pn	0.66	2.35	0.74	6.02	9.02	1.96	2.48	1.38	0.14	0.21	0.15	0.33	25.44
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	0.66	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	1.60	0.15	0.33	14.86
QSM1	0.00	0.00	1.75	2.19	6.70	6.70	6.70	6.70	4.85	1.40	0.00	0.00	
QSM2	0.00	1.75	2.19	6.70	6.70	6.70	6.70	4.85	1.40	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	1.05	8.32	0.72	0.50	0.00	0.00	0.00	0.00	0.00	10.58

Water Year 2000-2001													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Pg	3.74	1.30	0.69	5.75	6.44	1.67	2.19	0.02	0.12	0.28	0.39	0.26	22.85
Pg*	3.74	1.30	0.69	5.75	6.44	1.67	2.19	0.02	0.12	0.28	0.39	0.26	22.85
R	0.75	0.26	0.14	1.15	1.29	0.33	0.44	0.00	0.02	0.06	0.08	0.05	4.57
Pn	2.99	1.04	0.55	4.60	5.15	1.34	1.75	0.02	0.10	0.22	0.31	0.21	18.28
PET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.60	3.72	2.86	1.75	21.69
AET	1.24	0.60	0.31	0.47	0.70	1.24	1.98	3.22	3.36	0.22	0.31	0.21	13.86
QSM1	0.00	1.75	2.19	2.43	6.57	6.70	6.70	6.47	3.26	0.00	0.00	0.00	
QSM2	1.75	2.19	2.43	6.57	6.70	6.70	6.47	3.26	0.00	0.00	0.00	0.00	
Qgen	0.00	0.00	0.00	0.00	4.32	0.10	0.00	0.00	0.00	0.00	0.00	0.00	4.42

Average Annual Runoff, in 5.4  
 Average Annual Recharge, in 8.0  
 Average Annual Phreatophyte Requirement (PET-AET), ir 8.2

**TABLE 8.1  
APN BOOK 56 WELL DATA**

Well Location			Well Information		Reported Water Quality Data									
No.	APN	Other	Date Drilled/ Destroyed	Type	Date Analyzed	Coliform	Fe	Mn	Cl	NO <sub>3</sub>	HCO <sub>3</sub>	TDS	pH	Specific Conduct.
1	056-047-020		Oct-88	domestic	Nov-88	*	1.500	0.06	124.0	156.0	175.0	--	--	720.0
					Feb-89	--	--	--	14.0	--	--	--	--	--
2	056-053-150		May-89	domestic	May-89	*	0.200	*	40.0	78.0	137.0	--	--	315.0
					Jun-89	--	--	--	10.0	--	--	--	--	--
3	056-053-160	605 Highland Ave.	Dec-86	test	Feb-87		0.275	0.98	111.0	5.0	--	--	7.3	720.0
4	056-062-510	506 Silver Ave.	Jun-88	domestic	Jun-88	*	1.700	0.060	260.0	120.0	170.0	--	--	990.0
					Apr-91	--	0.089	*	190.0	20.0	--	--	--	1,200.0
5	056-062-520	530 Highland Ave.	Oct-87	domestic	Nov-87	*	0.059	0.036	220.0	65.0	--	--	6.6	1,300.0
6	056-062-570	530 Silver Ave.	Apr-89	domestic	Apr-89	*	0.300	0.690	570.0	70.0	--	--	--	1,700.0
					May-89	--	--	--	230.0	20.0	--	--	--	1,100.0
7	056-062-580	534 Silver Ave.	Jun-86	domestic	Jun-89	>16	1.900	0.460	700.0	13.0	190.0	--	--	875.0
					Jun-89	*	--	--	726.0	--	--	--	--	--
8	056-062-600	494 Silver Ave	Jul-89	domestic	Aug-89	*	6.000	1.000	202.0	*	130.0	--	--	780.0
					May-90	--	0.076	*	--	--	--	--	--	--
9	056-064-140/150	Highland Ave.	Oct-88	domestic	Jun-88	*	2.700	0.480	450.0	110.0	75.0	--	--	1,400.0
					Oct-88	*	0.800	0.030	326.0	75.0	41.0	--	--	990.0
10	056-064-270	511 Silver Ave.	Sep-88	domestic	Sep-88	*	4.200	*	264.0	54.0	42.0	--	--	914.0
11	056-064-310	531 Silver Ave.	Sep-89	domestic	Sep-89	*	5.000	0.400	540.0	8.0	--	1,026.0	--	--
					Dec-91	*	0.039	0.003	32.0	2.0	--	--	--	60.0
12	056-064-330	539 Silver Ave.	--	domestic	Dec-91	*	0.052	*	36.0	2.0	--	--	--	102.0
13	056-064-340	546 Highland Ave.	Sep-88	domestic	Aug-91	*	0.030	*	136.0	5.8	--	--	--	136.0
14	056-064-350	542 Highland Ave.	Sep-88	domestic	Oct-88	*	*	*	525.0	9.0	45.0	--	--	1,300.0
15	056-064-360	538 Highland Ave.	Jun-89	domestic	Jun-89	>16	2.700	0.480	210.0	4.0	207.0	--	--	330.0
16	056-064-370	534 Highland Ave.	Nov-87	domestic	Nov-87	*	0.322	0.420	174.0	5.0	--	--	6.85	810.0
					Apr-89	*	1.800	0.610	900.0	8.2	--	--	--	--
17	056-064-400	519 Silver Ave.	Apr-89	domestic	May-89	--	--	--	250.0	--	--	--	--	1,200.0
					Jun-89	*	4.400	0.450	108.0	1.0	--	--	--	530.0
19	056-066-010	507 Highland Ave.	Sep-88	domestic	Sep-89	>16	0.600	0.030	103.0	82.0	--	--	--	1,050.0
20	056-066-030	Highland Ave.	Jul-89	domestic	Jul-89	>16	6.000	0.700	70.0	8.0	155.0	--	--	750.0
21	056-066-120	530 Highland Ave	Oct-98	domestic	Oct-87	*	0.199	0.062	103.0	9.0	--	--	7.08	840.0
22	056-066-130	539 Highland Ave.	Sep-88	domestic	Sep-88	*	1.300	0.300	186.0	*	33.0	--	--	556.0

**TABLE 8.1  
APN BOOK 56 WELL DATA**

Well Location			Well Information		Reported Water Quality Data									
No. APN	Other		Date Drilled/ Destroyed	Well Type	Date Analyzed	Coliform	Fe	Mn	Cl	NO <sub>3</sub>	HCO <sub>3</sub>	TDS	pH	Specific Conduct.
23	056-066-140	563 Highland Ave.	Oct-87	domestic	Dec-87	*	0.262	0.166	260.0	24.0	--	--	6.73	1,320.0
24	056-066-160	587 Highland Ave.	Nov-88	domestic	Nov-88	*	0.100	*	1,340.0	3.0	160.0	--	--	3,100.0
					Feb-89	--	--	--	440.0	--	--	--	--	1,260.0
25	056-066-190	517 Highland Ave.	--	domestic	Dec-90	*	0.100	0.030	402.0	8.0	--	486.0	--	--
26	056-082-090	641 Terrace Ave.	Jan-89	domestic	Jan-89	*	0.600	0.600	228.0	*	>300.0	--	--	840.0
27	056-082-620	600 Silver Ave.	Sep-89	domestic	Jun-89	>16	13.700	0.480	600	*	--	--	--	800.0
					Sep-89	*	0.038	0.003	35.5	2.0	--	--	--	106.0
28	056-082-650	634 Silver Ave.	Jul-89	domestic	Aug-89	--	0.060	0.043	132.0	5.0	--	--	--	461.0
29	056-082-660	632 Silver Ave.	Jul-89	domestic	Jun-90	--	--	--	25.0	*	--	--	--	125.0
30	056-082-670	634 Silver Ave.	Jul-89	domestic	Aug-89	--	3.700	0.290	1,100.0	*	--	--	--	3,690.0
31	056-082-680	648 Silver Ave.	Feb-91	domestic	Jul-91	*	1.700	0.530	1,200.0	*	--	--	--	4,200.0
					Oct-91	*	0.025	*	71.0	*	--	--	--	290.0
32	056-082-700	664 Silver Ave.	Jul-91	domestic	Aug-91	*	3.900	0.550	700.0	*	--	--	--	3,400.0
					Nov-88	*	0.700	0.050	800.0	*	35.0	--	--	1,900.0
33	056-085-280	601 Silver Ave.	Oct-88	domestic	Dec-88	--	--	--	550.0	--	--	--	--	1,664.0
					Feb-89	--	--	--	300.0	--	--	--	--	980.0
34	056-085-320	633 Silver Ave.	Jul-91	domestic	Jan-92	*	0.017	*	72.0	*	--	--	--	350.0
35	056-085-460	648 Highland Ave.	Aug-91	domestic	Aug-91	*	1.600	0.120	690.0	*	--	--	--	3,000.0
					May-92	*	*	*	100.0	*	--	--	--	410.0
36	056-085-470	636 Highland Ave.	Jul-91	domestic	Aug-91	--	26.000	1.100	1,400.0	*	--	--	--	5,900.0
					Jul-92	*	0.048	0.015	120.0	1.1	--	--	--	530.0
37	056-085-480	136 Highland Ave.			Feb-90	>16	3.500	1.600	985.0	*	--	--	--	2,900.0
					Jul-89	--	25.200	--	625.0	--	>300.0	--	--	--
38	056-085-490	624 Highland Ave.	Nov-91	domestic	Sep-89	--	--	--	306.0	--	--	--	--	810.0
					Aug-90	--	0.010	--	--	--	--	--	--	--
39	056-085-500	239 Filbert Ave.	Apr-90	domestic	Nov-90	*	0.600	*	92.0	4.0	--	163.0	--	--
					Nov-90	--	0.150	--	--	--	--	--	--	--
40	056-085-520		Jul-89	domestic	Jul-89	*	0.030	*	600.0	*	150.0	--	--	2,700.0
41	056-085-530	Highland Ave., Lot 131	Oct-88	domestic	Nov-88	*	*	*	960.0	28.0	120.0	--	--	2,500.0
					Dec-88	--	--	--	75.0	--	--	--	--	406.0

**TABLE 8.1  
APN BOOK 56 WELL DATA**

Well Location			Well Information		Reported Water Quality Data									
No.	APN	Other	Date Drilled/ Destroyed	Well Type	Date Analyzed	Coliform	Fe	Mn	Cl	NO <sub>3</sub>	HCO <sub>3</sub>	TDS	pH	Specific Conduct.
42	056-088-170	611 Highland Ave.	Jun-89	domestic	Jul-90	*	0.400	*	40.0	*	--	--	--	--
43	056-088-200	635 Highland Ave.	Jul-89	domestic	Jul-89	*	1.300	0.087	1,500.0	14.0	--	--	--	--
44	056--088-280	683 Highland Ave.	Sep-89	domestic	Sep-89	*	1.400	*	1650.0	*	*	3,600.0	--	--
					Jul-91	*	0.017	*	71.0	7.5	--	--	--	181.0
45	056-164-380	Highland Ave., Lot 110	Jun-88	domestic	Jun-88	*	6.300	0.500	196.0	30.0	145.0	--	--	825.0

MCL  
units

<2.2  
MPN      0.300   0.05   450.0   45.0   --   500-1,500      900-2,200  
ppm   ppm   ppm   ppm   ppm   ppm   ppm   units   µmhos

**TABLE 8.2**  
**GROUNDWATER QUALITY**  
**APN BOOK 56 AREA, HALF MOON BAY, CA**

Constituent	Source Tested		Wells Tested		Analytical Data						
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level	Range
<b>Inorganic:</b>											
Bicarbonate	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	19					>300	33.0->300
Iron	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	55					26	0.010-26.0
Manganese	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	52					1.6	0.003-1.600
Chloride	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	61					450	25-450
Nitrate	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	55					156	1.0-156
TDS	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	4					3,600	163-3,600
pH	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	5					7.3	6.6-7.3
Conductivity	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	52					5,900	60-5,900
Coliform	056-047-020 to 056-164-380	Highland Ave., Filbert Ave., Silver Ave., Terrace Ave.,	45	Feb 87 to Jul 92	47					>16	<2.2->16

**TABLE 8.3  
COASTSIDE COUNTY WATER DISTRICT TEST WELL WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
<b>MAJOR CATIONS</b>										
Calcium			TW1	Jan-98	1	ppm	-	-	-	36
			TW2	Jan-98	1					39
			TW3	Jan-98	1					57
			TW5	Jan-98	1					47
			TW6	Jan-98	1					36
Magnesium			TW1	Jan-98	1	ppm	-	-	-	12
			TW2	Jan-98	1					14
			TW3	Jan-98	1					32
			TW5	Jan-98	1					18
			TW6	Jan-98	1					12
Sodium			TW1	Jan-98	1	ppm	-	-	-	51
			TW2	Jan-98	1					59
			TW3	Jan-98	1					100
			TW5	Jan-98	1					86
			TW6	Jan-98	1					6
Potassium			TW1	Jan-98	1	ppm	-	-	-	1
			TW2	Jan-98	1					1
			TW3	Jan-98	1					3
			TW5	Jan-98	1					2
			TW6	Jan-98	1					1
<b>MAJOR ANIONS</b>										
Bicarbonate			TW1	Jan-98	1	ppm	-	-	-	180
			TW2	Jan-98	1					210
			TW3	Jan-98	1					170
			TW5	Jan-98	1					190
			TW6	Jan-98	1					190
Sulfate			TW1	Jan-98	1	ppm	250	500	-	47
			TW2	Jan-98	1					58
			TW3	Jan-98	1					58
			TW5	Jan-98	1					40
			TW6	Jan-98	1					49

**TABLE 8.3  
COASTSIDE COUNTY WATER DISTRICT TEST WELL WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Chloride			TW1	Jan-98	1	ppm	250	-	106	46
			TW2	Jan-98	1					45
			TW3	Jan-98	1					210
			TW5	Jan-98	1					120
			TW6	Jan-98	1					42
<b>Minor Ions</b>										
Iron			TW1	Jan-98	1	ppm	0.3	-	5.0	4.00
			TW2	Jan-98	1					8.40
			TW3	Jan-98	1					9.60
			TW5	Jan-98	1					9.50
			TW6	Jan-98	1					6.00
Manganese			TW1	Jan-98	1	ppm	0.05	-	0.2	0.16
			TW2	Jan-98	1					0.30
			TW3	Jan-98	1					1.50
			TW5	Jan-98	1					0.82
			TW6	Jan-98	1					0.28
Nitrate			TW1	Jan-98	1	ppm	45	10	-	10.0
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					7.3
			TW6	Jan-98	1					*
Nitrite plus Nitrate			TW1	Jan-98	1	ppm	10	10	-	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Flouride			TW1	Jan-98	1	ppm	2.0 to 4.0	4.0	1.0	1.6
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*

**TABLE 8.3  
COASTSIDE COUNTY WATER DISTRICT TEST WELL WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Boron			TW1	Jan-98	1	ppm	-	-	0.7	0.190
			TW2	Jan-98	1					0.130
			TW3	Jan-98	1					0.099
			TW5	Jan-98	1					0.150
			TW6	Jan-98	1					0.260
Cyanide			TW1	Jan-98	1	ppm	0.2	0.2	-	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
<b>Physical Properties</b>										
Total Hardness			TW1	Jan-98	1	ppm	-	-	-	280
			TW2	Jan-98	1					180
			TW3	Jan-98	1					260
			TW5	Jan-98	1					260
			TW6	Jan-98	1					160
Alkalinity			TW1	Jan-98	1	ppm	-	-	-	180
			TW2	Jan-98	1					190
			TW3	Jan-98	1					170
			TW5	Jan-98	1					190
			TW6	Jan-98	1					190
pH			TW1	Jan-98	1	units	6.5 to 8.5	-	-	6.9
			TW2	Jan-98	1					7.0
			TW3	Jan-98	1					7.0
			TW5	Jan-98	1					6.8
			TW6	Jan-98	1					7.0
Electrical Conductivity			TW1	Jan-98	1	µmhos/cm	900	-	700	600
			TW2	Jan-98	1					600
			TW3	Jan-98	1					930
			TW5	Jan-98	1					780
			TW6	Jan-98	1					580

**TABLE 8.3  
COASTSIDE COUNTY WATER DISTRICT TEST WELL WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Total Dissolved Solids			TW1	Jan-98	1	ppm	500	-	450	360
			TW2	Jan-98	1					370
			TW3	Jan-98	1					610
			TW5	Jan-98	1					460
			TW6	Jan-98	1					330
Color			TW1	Jan-98	1	Units	15	-	-	*
			TW2	Jan-98	1					100
			TW3	Jan-98	1					70
			TW5	Jan-98	1					150
			TW6	Jan-98	1					80
Odor			TW1	Jan-98	1	Threshold Units	3	-	-	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Turbidity NTU			TW1	Jan-98	1	NTU	5	-	-	38
			TW2	Jan-98	1					41
			TW3	Jan-98	1					88
			TW5	Jan-98	1					69
			TW6	Jan-98	1					52
MBAS			TW1	Jan-98	1	ppm	0.5	-	-	*
			TW2	Jan-98	1					0.034
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					0.031
<b>Trace Ions</b>										
Aluminum			TW1	Jan-98	1	ppm	1.0	-	5.0	0.380
			TW2	Jan-98	1					0.150
			TW3	Jan-98	1					0.140
			TW5	Jan-98	1					0.098
			TW6	Jan-98	1					0.110

**TABLE 8.3  
COASTSIDE COUNTY WATER DISTRICT TEST WELL WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Antimony			TW1	Jan-98	1	ppm	0.006	0.006	-	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Arsenic			TW1	Jan-98	1	ppm	0.01	0	-	*
			TW2	Jan-98	1					0.0022
			TW3	Jan-98	1					0.0029
			TW5	Jan-98	1					0.0046
			TW6	Jan-98	1					0.0024
Barium			TW1	Jan-98	1	ppm	1.0	2.0	-	*
			TW2	Jan-98	1					0.15
			TW3	Jan-98	1					0.24
			TW5	Jan-98	1					0.18
			TW6	Jan-98	1					*
Beryllium			TW1	Jan-98	1	ppm	0.004	0.004	0.1	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Cadmium			TW1	Jan-98	1	ppm	0.005	0.005	0.01	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Chromium			TW1	Jan-98	1	ppm	0.05	0.1	-	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Copper			TW1	Jan-98	1	ppm	1.3	1.3	0.2	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*

**TABLE 8.3  
COASTSIDE COUNTY WATER DISTRICT TEST WELL WATER QUALITY**

			TW6	Jan-98	1					*
Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Lead			TW1	Jan-98	1	ppm	0.15	0	5.0	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Mercury			TW1	Jan-98	1	ppm	0.002	0.002	-	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Nickel			TW1	Jan-98	1	ppm	0.1	-	0.2	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					0.14
Selenium			TW1	Jan-98	1	ppm	0.05	0.05	0.2	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					0.0073
			TW5	Jan-98	1					0.0052
			TW6	Jan-98	1					*
Silver			TW1	Jan-98	1	ppm	0.1	0.1	-	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Thallium			TW1	Jan-98	1	ppm	0.002	0.0005	-	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*
			TW5	Jan-98	1					*
			TW6	Jan-98	1					*
Zinc			TW1	Jan-98	1	ppm	5.0	-	2.0	*
			TW2	Jan-98	1					*
			TW3	Jan-98	1					*

**TABLE 8.3**  
**COASTSIDE COUNTY WATER DISTRICT TEST WELL WATER QUALITY**

		TW5	Jan-98	1					*
		TW6	Jan-98	1					*

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
<b>MAJOR CATIONS</b>										
Calcium			Nerhan	Apr-91	1	ppm	-	-	-	31
			Holiday I.	Feb-92	1					38
			Corp. Yard	Dec-91	1					80
			Amesport 1	Feb-91	1					52
			Amesport 2	Feb-91	1					40
			NM 3	Feb-91	1					34
			NM 1	Feb-91	1					48
			SP CTR 4	Feb-91	1					43
			SP CTR 6	Feb-91	1					46
		SP CTR 1	Feb-91	1	46					
Magnesium			Nerhan	Apr-91	1	ppm	-	-	-	11
			Holiday I.	Feb-92	1					- <sup>3</sup>
			Corp. Yard	Dec-91	1					23
			Amesport 1	Feb-91	1					29
			Amesport 2	Feb-91	1					48
			NM 3	Feb-91	1					58
			NM 1	Feb-91	1					58
			SP CTR 4	Feb-91	1					28
			SP CTR 6	Feb-91	1					18
		SP CTR 1	Feb-91	1	17					
Sodium			Nerhan	Apr-91	1	ppm	-	-	-	54
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					58
			Amesport 1	Feb-91	1					76
			Amesport 2	Feb-91	1					69
			NM 3	Feb-91	1					120
			NM 1	Feb-91	1					100
			SP CTR 4	Feb-91	1					110
			SP CTR 6	Feb-91	1					74
		SP CTR 1	Feb-91	1	73					

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Potassium			Nerhan	Apr-91	1	ppm	-	-	-	2
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					2
			Amesport 1	Feb-91	1					*4
			Amesport 2	Feb-91	1					5
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					8
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
		SP CTR 1	Feb-91	1	*					
<b>MAJOR ANIONS</b>										
Bicarbonate			Nerhan	Apr-91	1	ppm	-	-	-	140
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					-
			Amesport 1	Feb-91	1					190
			Amesport 2	Feb-91	1					210
			NM 3	Feb-91	1					310
			NM 1	Feb-91	1					290
			SP CTR 4	Feb-91	1					230
			SP CTR 6	Feb-91	1					120
		SP CTR 1	Feb-91	1	120					
Sulfate			Nerhan	Apr-91	1	ppm	250	500	-	49
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					74
			Amesport 1	Feb-91	1					90
			Amesport 2	Feb-91	1					98
			NM 3	Feb-91	1					88
			NM 1	Feb-91	1					69
			SP CTR 4	Feb-91	1					77
			SP CTR 6	Feb-91	1					91
		SP CTR 1	Feb-91	1	100					

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Chloride			Nerhan	Apr-91	1	ppm	250	-	106	38
			Holiday I.	Feb-92	1					59
			Corp. Yard	Dec-91	1					76
			Amesport 1	Feb-91	1					82
			Amesport 2	Feb-91	1					98
			NM 3	Feb-91	1					180
			NM 1	Feb-91	1					160
			SP CTR 4	Feb-91	1					150
			SP CTR 6	Feb-91	1					96
			SP CTR 1	Feb-91	1					92
<b>Minor Ions</b>										
Iron			Nerhan	Apr-91	1	ppm	0.3	-	5.0	0.08
			Holiday I.	Feb-92	1					0.44
			Corp. Yard	Dec-91	1					1.30
			Amesport 1	Feb-91	1					0.03
			Amesport 2	Feb-91	1					0.14
			NM 3	Feb-91	1					5.50
			NM 1	Feb-91	1					0.23
			SP CTR 4	Feb-91	1					6.00
			SP CTR 6	Feb-91	1					6.90
			SP CTR 1	Feb-91	1					4.60
Manganese			Nerhan	Apr-91	1	ppm	0.05	-	0.2	*
			Holiday I.	Feb-92	1					0.11
			Corp. Yard	Dec-91	1					0.28
			Amesport 1	Feb-91	1					0.09
			Amesport 2	Feb-91	1					0.52
			NM 3	Feb-91	1					0.27
			NM 1	Feb-91	1					1.10
			SP CTR 4	Feb-91	1					0.25
			SP CTR 6	Feb-91	1					0.35
			SP CTR 1	Feb-91	1					0.21

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Nitrate			Nerhan	Apr-91	1	ppm	45	10	-	14.0
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					1.1
			Amesport 1	Feb-91	1					3.9
			Amesport 2	Feb-91	1					2.6
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					1.8
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*
Nitrite plus Nitrate			Nerhan	Apr-91	1	ppm	10	10	-	-
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					-
			Amesport 1	Feb-91	1					-
			Amesport 2	Feb-91	1					-
			NM 3	Feb-91	1					-
			NM 1	Feb-91	1					-
			SP CTR 4	Feb-91	1					-
			SP CTR 6	Feb-91	1					-
			SP CTR 1	Feb-91	1					-
Flouride			Nerhan	Apr-91	1	ppm	2.0 to 4.0	4.0	1.0	0.33
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					0.22
			Amesport 2	Feb-91	1					0.20
			NM 3	Feb-91	1					0.32
			NM 1	Feb-91	1					0.22
			SP CTR 4	Feb-91	1					-
			SP CTR 6	Feb-91	1					0.20
			SP CTR 1	Feb-91	1					0.18

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Boron			Nerhan	Apr-91	1	ppm	-	-	0.7	0.500
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					0.130
			Amesport 1	Feb-91	1					0.200
			Amesport 2	Feb-91	1					0.160
			NM 3	Feb-91	1					0.530
			NM 1	Feb-91	1					0.520
			SP CTR 4	Feb-91	1					0.330
			SP CTR 6	Feb-91	1					0.290
			SP CTR 1	Feb-91	1					0.240
Cyanide			Nerhan	Apr-91	1	ppm	0.2	0.2	-	-
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					-
			Amesport 1	Feb-91	1					-
			Amesport 2	Feb-91	1					-
			NM 3	Feb-91	1					-
			NM 1	Feb-91	1					-
			SP CTR 4	Feb-91	1					-
			SP CTR 6	Feb-91	1					-
			SP CTR 1	Feb-91	1					-
<b>Physical Properties</b>										
Total Hardness			Nerhan	Apr-91	1	ppm	-	-	-	130
			Holiday I.	Feb-92	1					180
			Corp. Yard	Dec-91	1					360
			Amesport 1	Feb-91	1					250
			Amesport 2	Feb-91	1					300
			NM 3	Feb-91	1					320
			NM 1	Feb-91	1					360
			SP CTR 4	Feb-91	1					220
			SP CTR 6	Feb-91	1					190
			SP CTR 1	Feb-91	1					180

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Alkalinity			Nerhan	Apr-91	1	ppm	-	-	-	-
			Holiday I.	Feb-92	1					170
			Corp. Yard	Dec-91	1					250
			Amesport 1	Feb-91	1					-
			Amesport 2	Feb-91	1					-
			NM 3	Feb-91	1					-
			NM 1	Feb-91	1					-
			SP CTR 4	Feb-91	1					-
			SP CTR 6	Feb-91	1					-
			SP CTR 1	Feb-91	1					-
pH			Nerhan	Apr-91	1	units	6.5 to 8.5	-	-	6.5
			Holiday I.	Feb-92	1					6.7
			Corp. Yard	Dec-91	1					7.4
			Amesport 1	Feb-91	1					7.5
			Amesport 2	Feb-91	1					7.6
			NM 3	Feb-91	1					7.3
			NM 1	Feb-91	1					7.3
			SP CTR 4	Feb-91	1					7.4
			SP CTR 6	Feb-91	1					7.1
			SP CTR 1	Feb-91	1					6.9
Electrical Conductivity			Nerhan	Apr-91	1	µmhos/cm	900	-	700	490
			Holiday I.	Feb-92	1					1,000
			Corp. Yard	Dec-91	1					700
			Amesport 1	Feb-91	1					790
			Amesport 2	Feb-91	1					880
			NM 3	Feb-91	1					1,300
			NM 1	Feb-91	1					1,100
			SP CTR 4	Feb-91	1					1,100
			SP CTR 6	Feb-91	1					760
			SP CTR 1	Feb-91	1					720

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Total Dissolved Solids			Nerhan	Apr-91	1	ppm	500	-	450	300
			Holiday I.	Feb-92	1					710
			Corp. Yard	Dec-91	1					510
			Amesport 1	Feb-91	1					470
			Amesport 2	Feb-91	1					550
			NM 3	Feb-91	1					760
			NM 1	Feb-91	1					670
			SP CTR 4	Feb-91	1					620
			SP CTR 6	Feb-91	1					430
			SP CTR 1	Feb-91	1					420
Color			Nerhan	Apr-91	1	Units	15	-	-	*
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					100
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					80
			SP CTR 6	Feb-91	1					50
			SP CTR 1	Feb-91	1					20
Odor			Nerhan	Apr-91	1	Threshold Units	3	-	-	*
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Turbidity NTU			Nerhan	Apr-91	1	NTU	5	-	-	*
			Holiday I.	Feb-92	1					0.19
			Corp. Yard	Dec-91	1					8.50
			Amesport 1	Feb-91	1					0.14
			Amesport 2	Feb-91	1					0.80
			NM 3	Feb-91	1					65.00
			NM 1	Feb-91	1					1.11
			SP CTR 4	Feb-91	1					51.00
			SP CTR 6	Feb-91	1					38.00
			SP CTR 1	Feb-91	1					9.80
MBAS			Nerhan	Apr-91	1	ppm	0.5	-	-	*
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*
<b>Trace Ions</b>										
Aluminum			Nerhan	Apr-91	1	ppm	1.0	-	5.0	0.320
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					0.086
			Amesport 1	Feb-91	1					0.720
			Amesport 2	Feb-91	1					0.210
			NM 3	Feb-91	1					0.490
			NM 1	Feb-91	1					0.680
			SP CTR 4	Feb-91	1					0.370
			SP CTR 6	Feb-91	1					0.160
			SP CTR 1	Feb-91	1					0.093

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Antimony			Nerhan	Apr-91	1	ppm	0.006	0.006	-	-
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					-
			Amesport 1	Feb-91	1					-
			Amesport 2	Feb-91	1					-
			NM 3	Feb-91	1					-
			NM 1	Feb-91	1					-
			SP CTR 4	Feb-91	1					-
			SP CTR 6	Feb-91	1					-
			SP CTR 1	Feb-91	1					-
Arsenic			Nerhan	Apr-91	1	ppm	0.01	0	-	*
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*
Barium			Nerhan	Apr-91	1	ppm	1.0	2.0	-	*
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					0.12
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					0.26
			NM 1	Feb-91	1					0.19
			SP CTR 4	Feb-91	1					0.17
			SP CTR 6	Feb-91	1					0.11
			SP CTR 1	Feb-91	1					*

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Beryllium			Nerhan	Apr-91	1	ppm	0.004	0.004	0.1	—
			Holiday I.	Feb-92	1					—
			Corp. Yard	Dec-91	1					—
			Amesport 1	Feb-91	1					—
			Amesport 2	Feb-91	1					—
			NM 3	Feb-91	1					—
			NM 1	Feb-91	1					—
			SP CTR 4	Feb-91	1					—
			SP CTR 6	Feb-91	1					—
			SP CTR 1	Feb-91	1					—
Cadmium			Nerhan	Apr-91	1	ppm	0.005	0.005	0.01	*
			Holiday I.	Feb-92	1					—
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*
Chromium			Nerhan	Apr-91	1	ppm	0.05	0.1	—	*
			Holiday I.	Feb-92	1					—
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Copper			Nerhan	Apr-91	1	ppm	1.3	1.3	0.02	*
			Holiday I.	Feb-92	1					—
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*
Lead			Nerhan	Apr-91	1	ppm	0.15	0	5	*
			Holiday I.	Feb-92	1					—
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*
Mercury			Nerhan	Apr-91	1	ppm	0.002	0.002	—	*
			Holiday I.	Feb-92	1					—
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Nickel			Nerhan	Apr-91	1	ppm	0.1	-	0.2	-
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					-
			Amesport 1	Feb-91	1					-
			Amesport 2	Feb-91	1					-
			NM 3	Feb-91	1					-
			NM 1	Feb-91	1					-
			SP CTR 4	Feb-91	1					-
			SP CTR 6	Feb-91	1					-
			SP CTR 1	Feb-91	1					-
Selenium			Nerhan	Apr-91	1	ppm	0.05	0.05	0.2	*
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					-
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*
Silver			Nerhan	Apr-91	1	ppm	0.1	0.1	-	*
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					*
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					*
			SP CTR 1	Feb-91	1					*

**TABLE 8.4  
COASTSIDE COUNTY WATER DISTRICT OTHER WELLS WATER QUALITY**

Constituent	Source Tested		Wells Tested		Analytical Data					
	APN	Streets	No.	Dates	Total No. Analyses	Unit	MCL	MCLG	Agricultural Goal	Detected Level
Thallium			Nerhan	Apr-91	1	ppm	0.002	0.0005	-	-
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					-
			Amesport 1	Feb-91	1					-
			Amesport 2	Feb-91	1					-
			NM 3	Feb-91	1					-
			NM 1	Feb-91	1					-
			SP CTR 4	Feb-91	1					-
			SP CTR 6	Feb-91	1					-
		SP CTR 1	Feb-91	1	-					
Zinc			Nerhan	Apr-91	1	ppm	5.0	-	2.0	0.12
			Holiday I.	Feb-92	1					-
			Corp. Yard	Dec-91	1					0.068
			Amesport 1	Feb-91	1					*
			Amesport 2	Feb-91	1					*
			NM 3	Feb-91	1					*
			NM 1	Feb-91	1					*
			SP CTR 4	Feb-91	1					*
			SP CTR 6	Feb-91	1					0.15
		SP CTR 1	Feb-91	1	0.17					



TEST WELL 3 WITH 8" PVC CAP  
EAST OF CHESTERFIELD STREET



LANE EAST OF CHESTERFIELD STREET  
ROUTE OF PIPELINE BETWEEN WELLS 3 & 4



SITE OF TEST WELL 4  
EAST OF CHESTERFIELD  
STREET NEAR HIGHWAY 1

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Figure 5



ELECTRIC POWER POLE NEAR TEST WELL 4



TEST WELL 3 SITE LOOKING WEST  
TO CHESTERFIELD STREET PIPELINE  
AND ELECTRIC SERVICE POLE



ELECTRIC SERVICE POLE NO.  
7722 AT NORTHWEST CORNER  
OF CHESTERFIELD STREET AND  
ST. JAMES AVENUE 150' WEST  
OF TEST WELL 3

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Figure 6



PIPELINE ROUTE ON ST. JAMES AVENUE BETWEEN CHESTERFIELD STREET AND BELLEVILLE BOULEVARD



ELECTRIC SERVICE POLE ACROSS ST. JAMES AVENUE FROM TEST WELL 5



TEST WELL 5 WITH 8" PVC CAP CORNER OF ST. JAMES AVENUE AND BELLEVILLE BOULEVARD

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Figure 7



TEST WELL 1 SITE ON  
EAST SIDE OF PILARCITOS  
AVENUE BETWEEN PINE  
AND LAUREL AVENUES

ELECTRIC SERVICE POLE AT  
CABLE SIGNAL CONTROL PANEL  
ON LOT A TEST WELL 1 SITE



TEST WELL 6 WITH 8" PVC  
CAP ON EAST SIDE OF JENNA  
LANE AT LAUREL AVENUE

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Figure 8



LOT WHERE TEST WELL 2  
LOCATED ON WILLOW AVENUE



TEST WELL 2 WITH 8" PVC CAP AND RISER



TEST WELL 6 SITE ELECTRIC  
SERVICE POLE 150' NORTH  
AT CORNER OF JENNA  
LANE AND LAUREL AVENUE

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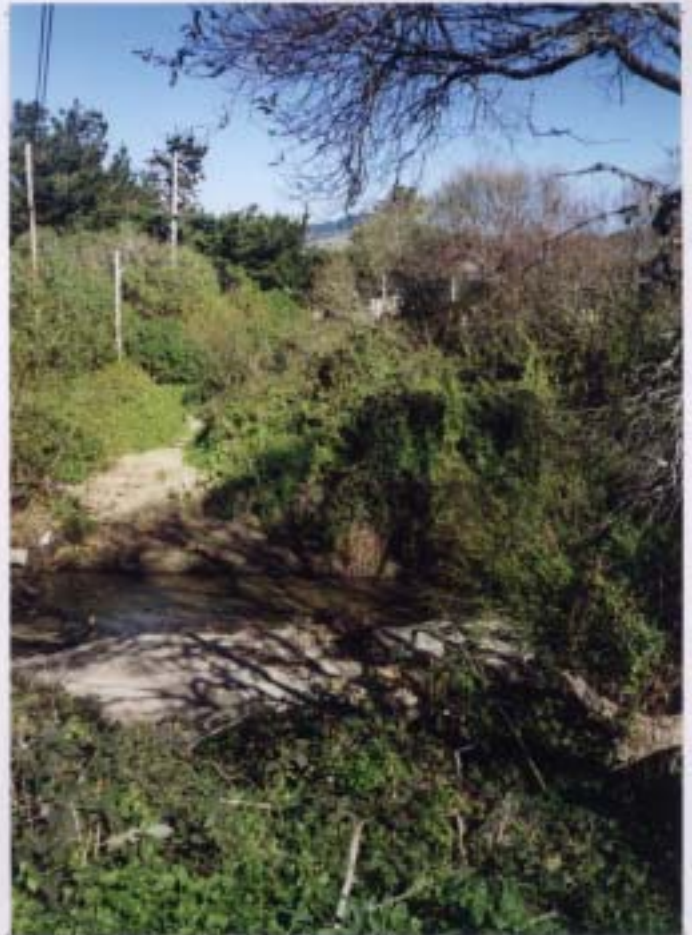
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Figure 9



TEST WELL 2 AND ELECTRIC SERVICE  
POLE ALONG WILLOW AVENUE



PILARCITOS CREEK PIPELINE CROSSING  
AT NORTH END OF PILARCITOS AVENUE



PILARCITOS  
CREEK BRIDGE  
OF HIGHWAY 1

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Figure 10



PIPELINE CROSSING  
OF HIGHWAY 1 AT  
MAIN STREET

PIPELINE ROUTE ON MAIN  
STREET AND LOOKING  
EAST UP FOSTER DRIVE  
TOWARDS NUNES WTP



LOOKING WEST ALONG  
FOSTER DRIVE OF  
PIPELINE ROUTE  
TOWARDS WELL FIELD



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Figure 11



PIPELINE ROUTE UP  
NUNES WTP ACCESS  
ROAD TOWARDS  
CARTER HILL TANKS

ELECTRIC POWER  
SERVICE ON WEST  
SIDE OF HIGHWAY 1  
NEAR TEST WELL 4  
AND GRAND PLACE



ELECTRIC POWER  
SERVICE ON GRAND  
PLACE EAST OF  
TEST WELLS 3 & 4

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Figure 12