

APPENDIX F
WATER QUALITY GUIDELINES FOR AGRICULTURE
AND SELECTED GROUNDWATER QUALITY DATA

WATER QUALITY GUIDELINES FOR AGRICULTURE*

Constituent	Unit	Suitability for Irrigation			Specific Crops Affected
		Suitable	Marginal	Unsuitable	
Electrical Conductivity	μmhos/cm	< 750	750-3,000	> 3,000	
Total Dissolved Solids	mg/L	< 500	500-2,000	>2,000	
Boron	mg/L	< 0.50	0.50-2.00	> 2.00	Fruit and citrus trees 0.50-1.00 mg/L Field crops 1.00-2.00 mg/L Grasses > 2.00 mg/L
Chloride	mg/L	< 142	142-355	> 355	Tree crops and ornamentals: root adsorption Field and vegetable crops: foliar damage at 106 mg/L
Sodium Adsorption Ratio**	mg/L	< 3	3-9	> 9	Tree crops: root adsorption
Sulfate	mg/L	< 350	350-600	> 600	

*From: Ayers, R. S., 1977, Quality of water for irrigation: Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, vol. 163, no. IR2, p. 135-154; and McKee, J. E. and Wolfe, H. W., eds., 1963, Water Quality Criteria: California State Water Resources Control Board, Pub. No. 3-A, 548 p.

**Sodium Adsorption Ratio (SAR) is defined as:

$$SAR = \frac{Na}{[\frac{1}{2}(Ca+Mg)]^{1/2}}$$

Where Na, Ca, and Mg are the concentrations of sodium, calcium, and magnesium in milliequivalents per liter.

Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
Tri-Cities Mesa															
32S/12E-13J02 M	611108	7.2	4719	3019	197.0	159.0	591.0	15.0	654.7	241.0	1160.0	12.0	0.43	0.4	1146
32S/12E-13J02 M	621010	7.6	3900	2648	120.0	157.0	575.0	13.0	670.6	289.0	977.0	3.0	0.59	0.2	946
32S/12E-13J02 M	630306	7.4	4098	2670	185.0	159.0	512.0	13.0	821.8	341.0	825.0	7.5	0.70	0.3	1116
32S/12E-13J02 M	630926	7.4	3610	2600	170.0	160.0	515.0	14.0	749.8	260.0	922.0	0.0	0.37	0.1	1083
32S/12E-13J02 M	641013	8.1	3900	3024	198.0	151.0	565.0	15.0	686.4	281.0	1039.0	3.0	0.64	0.1	1116
32S/12E-13J02 M	651007	7.6	5144	3294	194.0	174.0	635.0	16.0	547.4	224.0	1353.0	5.0	0.45	0.4	1200
32S/12E-13J02 M	670926	8.2	4141	2643	134.0	147.0	552.0	14.0	599.9	301.0	939.0	9.5	0.45	0.4	940
32S/12E-13L01 M	671023	7.7	1573	757	44.0	41.0	162.0	3.0	231.7	135.0	162.0	100.0	0.19	0.3	279
32S/12E-13P01 M	600224	7.4	1389	850	15.0	12.0	268.0	3.0	265.8	137.0	167.0	100.0	0.15	0.4	87
32S/12E-13P01 M	610303	7.4	1500	924	29.0	16.0	276.0	4.0	268.2	149.0	208.0	100.0	0.28	0.0	139
32S/12E-13P01 M	621030	8.2	1340	916	20.0	12.0	281.0	3.0	353.6	117.0	177.0	55.0	0.23	0.2	100
32S/12E-13P01 M	630708	7.3	1665	1048	26.0	23.0	304.0	6.0	302.4	158.0	257.0	79.0	0.23	0.4	160
32S/12E-13P01 M	640708	8.2	1930	1156	29.0	26.0	395.0	6.0	399.9	169.0	326.0	73.0	0.38	0.1	180
32S/12E-13P01 M	670926	7.7	1738	1035	21.0	28.0	324.0	5.0	343.8	168.0	262.0	72.5	0.23	0.3	168
32S/12E-13R01 M	550921	7.6	7080		310.0	205.0	828.0	15.0	597.4	340.0	1844.0	6.8	0.44	0.4	1618
32S/12E-13R01 M	570829	7.7	5459	3178	204.0	174.0	626.0	15.0	534.0	234.0	1434.0	0.0	0.70	0.0	1225
32S/12E-13R01 M	580930	7.5	4274	2799	235.0	149.0	444.0	24.0	464.5	185.0	1089.0	0.0	0.28	0.3	1200
32S/12E-13R01 M	671005	7.4	5634	3640	369.0	205.0	455.0	14.0	376.7	183.0	1626.0	4.5	0.16	0.5	1765
32S/12E-24B01 M	660117	8.2	2985	1700	95.0	83.0	406.0	20.0	440.1	175.0	652.0	1.0	0.07	0.3	579
32S/12E-24B01 M	670309	8.3	3030	1690	76.0	110.0	414.0	16.0	464.5	159.0	701.0	4.2	0.00		643
32S/12E-24B01 M	670926	7.6	2974	1740	80.0	92.0	408.0	20.0	458.4	165.0	659.0	7.0	0.08	0.3	578
32S/12E-24B01 M	721013	7.9	2893	1699	93.0	93.0	392.0	18.0	449.9	159.0	679.0	6.3	0.13	0.2	615
32S/12E-24B01 M	760609	8.2	2914	1706	94.0	95.0	400.0	16.2	474.3	159.0	667.0	0.4	0.12	0.5	625
32S/12E-24B01 M	960326	7.8	3200	1870	125.0	95.4	380.0	24.0	426.7	154.0	773.0	<0.2	0.27		
32S/12E-24B02 M	650430	8.3	1155	800	81.0	37.0	98.0	6.0	218.2	163.0	162.0	1.0	0.08	0.5	354
32S/12E-24B02 M	660117	8.3	1035	651	101.0	32.0	79.0	5.0	380.4	147.0	62.0	0.0	0.05	0.3	384
32S/12E-24B02 M	670309	7.9	964	571	89.0	27.0	59.0	5.0	280.4	148.0	48.0	1.9	0.00		333
32S/12E-24B02 M	670926	8.0	919	610	87.0	31.0	70.0	5.0	365.8	142.0	39.0	1.3	0.05	0.2	345
32S/12E-24B02 M	721013	7.7		543	80.0	31.0	51.0	4.4	292.6	152.0	31.0	1.0	0.08	0.2	328
32S/12E-24B02 M	760609	7.9	855	565	104.0	27.0	52.0	4.0	336.5	153.0	34.0	0.6	0.02	0.5	371
32S/12E-24B02 M	960326	7.8	961	652	107.0	23.9	46.0	5.0	343.8	169.0	54.0	<0.2	0.10		
32S/12E-24B03 M	650501	8.2	960	638	49.0	64.0	79.0	5.0	354.8	155.0	73.0	3.0	0.13	0.1	386
32S/12E-24B03 M	660117	8.0	1065	670	103.0	36.0	74.0	5.0	345.0	158.0	79.0	1.0	0.00	0.2	405
32S/12E-24B03 M	670309	7.9	911	540	70.0	37.0	69.0	4.0	334.1	140.0	45.0	2.4	0.00		327

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Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/12E-24B03 M	670926	7.7	978	652	95.0	40.0	57.0	4.0	370.6	162.0	41.0	0.0	0.03	0.2	402
32S/12E-24B03 M	721013	7.6	914	596	85.0	42.0	54.0	3.9	337.7	168.0	37.0	0.1	0.05	0.2	385
32S/12E-24B03 M	760609	7.8	878	569	85.0	39.0	53.0	3.7	330.4	165.0	36.0	0.0	0.06	0.4	373
32S/12E-24B03 M	960326	7.8	999	646	104.0	42.2	52.0	4.3	412.1	164.0	40.7	<0.2	0.12		
32S/12E-24J01 M	610928	7.8	580	408	33.0	17.0	52.0	4.0	42.7	56.0	64.0	96.0	0.07	0.1	153
32S/12E-24K01 M	610928	7.9	2445	1677	145.0	65.0	333.0	7.0	442.6	162.0	603.0	8.1	0.03	0.2	630
32S/12E-24K01 M	620713	7.8	2600	1514	158.0	58.0	312.0	6.0	445.0	192.0	550.0	0.0	0.08	0.1	633
32S/12E-24K01 M	671102	8.1	1197	748	81.0	51.0	109.0	8.0	481.6	95.0	107.0	3.0	0.14	0.2	412
32S/12E-24R01 M	650616	7.9	1500	898	69.0	63.0	160.0	6.0	341.4	110.0	268.0	33.0	0.12	0.1	431
32S/12E-24R01 M	660118	7.6	1687	1082	113.0	47.0	137.0	3.0	186.5	87.0	345.0	67.0	0.08	0.2	476
32S/12E-24R01 M	670310	8.2	4280	2410	106.0	89.0	664.0	21.0	983.9	48.0	871.0	5.5	0.70		631
32S/12E-24R01 M	670927	7.7	826	557	43.0	22.0	79.0	4.0	91.4	77.0	96.0	112.5	0.04	0.2	198
32S/12E-24R01 M	760609	7.9	1145	701	40.0	29.0	162.0	9.1	229.2	114.0	149.0	83.4	0.14	0.6	219
32S/12E-24R02 M	650616	7.9	745	500	61.0	40.0	45.0	2.0	225.6	132.0	64.0	10.0	0.10	0.1	317
32S/12E-24R02 M	660118	8.1	758	458	75.0	23.0	45.0	2.0	203.6	94.0	71.0	9.5	0.00	0.2	282
32S/12E-24R02 M	670927	7.9	912	580	82.0	30.0	53.0	3.0	206.0	85.0	121.0	29.0	0.00	0.2	328
32S/12E-24R02 M	760609	8.2	697	426	67.0	21.0	51.0	2.1	201.2	88.0	61.0	26.0	0.03	0.5	254
32S/12E-24R03 M	650616	7.7	1140	748	116.0	52.0	63.0	3.0	403.6	168.0	103.0	5.0	0.08	0.2	504
32S/12E-24R03 M	660119	7.8	1051	640	110.0	45.0	50.0	3.0	375.5	167.0	54.0	1.0	0.00	0.2	460
32S/12E-24R03 M	670926	7.6	922	612	80.0	46.0	44.0	3.0	338.9	163.0	32.0	0.0	0.03	0.2	389
32S/12E-24R03 M	760609	7.8	916	582	91.0	48.0	45.0	2.7	369.4	166.0	31.0	0.4	0.04	0.5	425
32S/13E-18P01 M	870911	6.6		850	52.0	30.0	150.0	4.0	121.9	120.0	270.0	0.4		1.3	260
32S/13E-18P01 M	900125	6.2	1600	1000	68.0	39.0	190.0	7.0	180.0	140.0	350.0	0.9		0.9	340
32S/13E-18P01 M	921208	6.9	2900	1464	144.2	82.6	302.5	10.5	388.0	210.3	552.8	1.0		1.3	700
32S/13E-18P01 M	950926	6.7	2150	1256	110.5	85.2	221.9	8.9	251.3	359.0	345.3	<1.0		1.1	596
32S/13E-19B01 M	870911	6.5	900	640	37.0	16.0	130.0	3.0	109.7	35.0	220.0	0.4		1.2	160
32S/13E-19B01 M	900125	6.0	1100	860	48.0	23.0	150.0	4.0	130.0	63.0	260.0	0.9		1.0	190
32S/13E-19B01 M	921208	7.0	2200	1108	104.1	43.7	260.0	6.4	307.4	106.0	460.5	<1.0		1.5	440
32S/13E-19B01 M	950926	6.9	570	284	27.7	11.4	65.9	2.1	91.3	21.0	110.0	<1.0		0.9	108
32S/13E-19J02 M	640306	7.0	290	248	12.0	4.0	48.0	2.0	30.5	2.0	46.0	69.0	0.05	0.1	47
32S/13E-19J02 M	671023	7.2	514	258	19.0	9.0	58.0	3.0	24.4	15.0	65.0	115.0	0.10	0.1	85
32S/13E-19L01 M	640306	7.1	400	198	24.0	8.0	50.0	1.0	45.1	37.0	50.0	76.0	0.02	0.1	93
32S/13E-19N01 M	540929	6.9	454		23.0	9.0	47.0	1.0	21.9	41.0	57.0	75.0	0.03	0.1	95
32S/13E-19N01 M	570829	6.5	596	336	22.0	15.0	64.0	2.0	21.9	58.0	73.0	86.0	0.20	0.0	117
32S/13E-19N01 M	580206	6.3	511	353	18.0	13.0	53.0	1.0	21.9	33.0	69.0	75.0	0.00	0.2	99

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-19N01 M	590922	7.3	620	407	26.0	17.0	65.0	1.0	24.4	58.0	75.0	114.0	0.30	0.0	135
32S/13E-19N01 M	610302	6.3	725		38.0	17.0	72.0	2.0	25.6	80.0	84.0	133.0	0.10	0.0	165
32S/13E-19Q01 M	640306	6.5	450	336	22.0	10.0	62.0	2.0	39.0	36.0	66.0	80.0	0.05	0.1	96
32S/13E-19Q02 M	730413	7.5	1020	666			47.0			162.0	31.0	0.3			480
32S/13E-19Q02 M	731123	7.5	740	545	81.0	42.0	57.0	4.4	378.0	145.0	28.0	0.6		0.4	360
32S/13E-19Q02 M	761012	7.9	682	377	69.0	34.0	24.0	3.9	259.7	109.0	24.0	1.0	0.06	0.4	313
32S/13E-19Q02 M	870826	7.2		700	93.0	51.0	55.0	4.0	451.0	150.0	25.0	0.4		0.2	480
32S/13E-19Q02 M	900125	6.6	1000	730	110.0	46.0	47.0	4.0	400.0	170.0	29.0	<0.4		0.3	470
32S/13E-19Q02 M	921208	7.4	1070	589	124.9	37.9	48.0	2.3	441.6	147.7	47.1	<1.0		0.2	468
32S/13E-19Q02 M	951107	7.5	1180	685	126.6	56.4	49.7	2.7	489.5	161.1	47.3	<1.0		0.1	548
32S/13E-19Q02 M	981103	7.4	1140	682	142.0	40.0	41.1	3.2	451.0	170.0	63.8	2.0		0.2	505
32S/13E-19R01 M	640306	6.8	630	449	43.0	16.0	73.0	2.0	18.3	74.0	76.0	155.0	0.07	0.1	174
32S/13E-20M01 M	640304	7.1	500	337	23.0	8.0	35.0	80.0	123.1	14.0	92.0	20.0	0.05	0.1	91
32S/13E-20M03 M	640617	6.7	650	470	26.0	28.0	74.0	1.0	28.0	77.0	85.0	133.0	0.05	0.1	180
32S/13E-20N01 M	640617	7.2	900	630	71.0	40.0	60.0	3.0	169.5	135.0	78.0	116.0	0.10	0.1	342
32S/13E-20N05 M	640305	7.0	600	450	29.0	19.0	70.0	2.0	37.8	93.0	63.0	107.0	0.05	0.1	151
32S/13E-20N05 M	671025	7.3	1114	697	45.0	33.0	115.0	2.0	36.6	105.0	187.0	132.5	0.05	0.1	248
32S/13E-28B01 M	711028	7.9	1786	1382	220.0	99.0	81.0	3.5	529.1	538.0	89.0	2.6	0.08	0.4	956
32S/13E-28E01 M	540929	7.4	1020		105.0	58.0	47.0	2.0	421.8	177.0	51.0	13.6	0.00	0.1	501
32S/13E-28E01 M	610303	7.5	1070		112.0	52.0	53.0	2.0	410.9	176.0	60.0	22.0	0.10	0.1	494
32S/13E-28E01 M	620823	7.4	1020	692	105.0	51.0	52.0	2.0	417.0	167.0	56.0	16.0	0.09	0.1	472
32S/13E-28E01 M	640617	7.7	1041	684	108.0	52.0	49.0	2.0	390.1	157.0	55.0	25.0	0.16	0.4	484
32S/13E-28E05 M	610303	6.8	630		40.0	28.0	52.0	1.0	135.3	127.0	40.0	45.0	0.00	0.1	215
32S/13E-28E05 M	640617	7.8	1061	705	106.0	53.0	50.0	2.0	392.6	157.0	56.0	26.0	0.20	0.4	483
32S/13E-28L01 M	691007	7.8	860	584	72.0	39.0	46.0	2.0	157.3	198.0	54.0	33.0	0.04	0.2	340
32S/13E-28L01 M	701014	8.0	877	611	77.0	39.0	50.0	2.0	167.0	201.0	57.0	53.0	0.04	0.3	353
32S/13E-28L01 M	871105	8.2	849	665	70.0	60.0	37.0	2.2	239.0	229.0	49.0	0.5	0.10	0.4	421
32S/13E-28Nx1 M	950419	7.2	1580	1080	185.0	81.0	56.0	3.0	483.0	363.0	80.0	42.1		0.3	795
32S/13E-28Nx2 M	950418	7.0	1430	950	152.0	68.0	59.0	2.3	429.0	268.0	93.3	53.1		0.3	659
32S/13E-28Nx2 M	960408											34.0			
32S/13E-29B01 M	691007	7.9	802	529	60.0	39.0	49.0	2.0	218.2	122.0	54.0	33.0	0.04	0.3	310
32S/13E-29B01 M	711029	8.2	880	583	82.0	40.0	54.0	2.2	289.0	152.0	52.0	37.5	0.06	0.2	369
32S/13E-29C02 M	741107	8.6	833	506	73.0	35.0	46.0	2.7	204.8	119.0	53.0	80.0	0.00	0.3	327
32S/13E-29C02 M	811016	8.1	938	579	77.0	42.0	50.0	2.9	270.7	133.0	56.0	41.6	0.00	0.3	364
32S/13E-29D01 M	540929	7.8	934		97.0	49.0	44.0	3.0	412.1	144.0	31.0	2.5	0.05	0.1	444

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-29D01 M	570305	7.4	787	481	67.0	42.0	44.0	4.0	342.6	112.0	27.0	0.0	0.06	0.0	340
32S/13E-29D01 M	610303	7.3	980		108.0	44.0	43.0	3.0	434.0	149.0	34.0	0.0	0.13	0.0	451
32S/13E-29D01 M	640617	7.6	971	626	108.0	46.0	42.0	3.0	420.6	143.0	32.0	6.0	0.05	0.3	459
32S/13E-29D02 M	610509	7.4	620		51.0	19.0	48.0	2.0	69.5	77.0	63.0	115.0	0.25	0.1	205
32S/13E-29D02 M	640617	7.1	650	478	48.0	19.0	61.0	2.0	69.5	62.0	81.0	116.0	0.08	0.1	198
32S/13E-29D03 M	610303	7.2	480		27.0	11.0	46.0	2.0	50.0	35.0	46.0	95.0	0.06	0.0	113
32S/13E-29D03 M	640617	7.6	575	408	32.0	15.0	51.0	2.0	46.3	41.0	68.0	95.0	0.50	0.2	142
32S/13E-29D04 M	691007	7.8	891	592	79.0	43.0	44.0	3.0	275.5	127.0	52.0	38.0	0.00	0.2	374
32S/13E-29D04 M	711029	7.4	862	547	80.0	38.0	47.0	2.4	243.8	122.0	55.0	73.5	0.04	0.2	356
32S/13E-29E01 M	561212	7.1		583	64.0	31.0	42.0	4.0	170.7	96.0	51.0	91.0	0.10	0.3	287
32S/13E-29E01 M	600512	7.2	785	593	67.0	29.0	54.0	3.0	114.6	155.0	62.0	78.0	0.02	0.2	286
32S/13E-29E01 M	610303	7.2	865		70.0	34.0	53.0	3.0	121.9	131.0	62.0	144.0	0.13	0.2	315
32S/13E-29E01 M	620416	7.0	932	536	67.0	32.0	58.0	3.0	147.5	123.0	63.0	108.0	0.20	0.2	299
32S/13E-29E01 M	640703	7.6	930	563	69.0	33.0	58.0	3.0	124.4	134.0	72.0	118.0	0.10	0.2	308
32S/13E-29E01 M	670126	7.4	952	601	70.0	35.0	58.0	3.0	110.9	134.0	76.0	135.0	0.07	0.2	319
32S/13E-29E01 M	720615	7.4		615	76.0	34.0	52.0	2.7	175.6	144.0	58.0	94.0		0.4	330
32S/13E-29E01 M	781004	7.8	730	526	69.0	23.0	55.0	3.4	101.2	154.0	51.0	101.0		0.2	305
32S/13E-29E01 M	860402	7.2	750	490	55.0	29.0	46.0		80.5	140.0	50.0	89.0		0.4	260
32S/13E-29E01 M	891228	6.3	700	470	54.0	28.0	54.0	4.0	95.0	130.0	50.0	93.0		0.3	240
32S/13E-29E01 M	900306	6.2	750	500	54.0	27.0	56.0	5.0	95.0	140.0	57.0	100.0		0.3	260
32S/13E-29E01 M	900713	6.6	600	450	56.0	28.0	54.0	3.0	100.0	120.0	110.0	71.0		0.2	250
32S/13E-29E01 M	920707	7.0	760	448	56.1	26.2	57.1	2.3	124.4	123.0	55.5	76.8		0.1	248
32S/13E-29E01 M	930915	7.2	750	441	59.3	24.8	49.7	2.0	97.6	129.0	51.6	76.5		0.2	250
32S/13E-29E01 M	960917	7.4	840	507	65.7	30.4	45.1	2.8	100.0	139.0	50.5	112.0		0.3	291
32S/13E-29E01 M	991214	7.0	760	461	69.2	23.8	44.0	3.0	109.0	122.0	42.0	103.0		0.1	271
32S/13E-29E02 M	561212	7.2		587	65.0	32.0	43.0	2.0	219.5	100.0	46.0	45.0	0.10	0.1	294
32S/13E-29E02 M	600512	7.0	834	589	71.0	34.0	44.0	3.0	197.5	121.0	56.0	58.0	0.04	0.2	317
32S/13E-29E02 M	620416	6.5	916	500	60.0	34.0	55.0	2.0	110.9	143.0	66.0	100.0	0.10	0.1	290
32S/13E-29E02 M	640703	7.4	1013	595	82.0	37.0	57.0	3.0	179.2	136.0	82.0	100.0	0.20	0.1	357
32S/13E-29E02 M	670126	7.2	980	598	79.0	39.0	53.0	3.0	206.0	127.0	68.0	95.0	0.07	0.2	358
32S/13E-29E02 M	720615	7.4		645	58.0	37.0	52.0	3.0	121.9	152.0	60.0	86.0		0.3	295
32S/13E-29E02 M	740425	7.4	720	566	76.0	35.3	51.0	3.4	200.0	150.0	54.0	56.4		0.5	337
32S/13E-29E02 M	911121	6.5	950	590	74.0	42.0	54.0	<3.0	110.0	180.0	59.0	120.0		<0.1	360
32S/13E-29E02 M	920707	7.4	920	557	77.7	35.3	57.0	2.5	124.4	147.7	60.2	125.0		0.1	339
32S/13E-29E02 M	941220	7.4	930	607	69.8	41.4	53.3	2.3	132.7	167.4	51.3	169.5		0.5	336

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-29E02 M	980603	6.5	890	576	88.1	32.0	45.9	1.0	103.0	144.0	51.4	163.0		0.4	354
32S/13E-29E03 M	590601	7.3	870		83.0	43.0	38.0	3.0	301.1	111.0	46.0	46.0	0.04	0.2	384
32S/13E-29E03 M	600512	7.1	888	628	81.0	37.0	42.0	3.0	209.7	128.0	69.0	50.0	0.01	0.2	354
32S/13E-29E03 M	601111	7.0	806		74.0	35.0	48.0	3.0	204.8	136.0	63.0	37.0	0.04	0.1	329
32S/13E-29E03 M	620416	7.0	948	763	74.0	36.0	52.0	3.0	169.5	139.0	62.0	98.0	0.10	0.1	333
32S/13E-29E03 M	640617	7.6	900	644	69.0	47.0	58.0	3.0	191.4	134.0	73.0	107.0	0.13	0.1	366
32S/13E-29E03 M	640703	7.4	977	566	82.0	38.0	32.0	3.0	181.7	133.0	72.0	59.0	0.20	0.2	361
32S/13E-29E03 M	670126	6.8	1000	615	76.0	39.0	57.0	3.0	175.6	136.0	77.0	105.0	0.11	0.2	350
32S/13E-29E03 M	711029	7.9	796	520	63.0	35.0	50.0	2.0	139.0	156.0	58.0	78.0	0.04	0.2	301
32S/13E-29E03 M	870909	6.8	900	620	75.0	39.0	53.0	3.0	120.0	170.0	60.0	120.0		0.1	370
32S/13E-29E03 M	891228	6.4	900	600	72.0	39.0	55.0	5.0	110.0	170.0	54.0	140.0		0.2	340
32S/13E-29E03 M	900306	6.1	900	570	69.0	36.0	54.0	6.0	120.0	180.0	59.0	130.0		0.1	350
32S/13E-29E03 M	900713	6.4	800	610	75.0	41.0	54.0	3.0	120.0	160.0	50.0	93.0		0.2	350
32S/13E-29E03 M	960522	7.3	990	667	80.0	49.5	54.3	2.5	112.0	195.0	61.4	167.0		1.6	368
32S/13E-29E03 M	000124	7.0	940	590	99.3	19.8	50.6	2.4	117.0	146.0	49.2	166.0		0.1	330
32S/13E-29E05 M	640617	7.1	755	558	62.0	28.0	56.0	3.0	97.5	84.0	69.0	156.0	0.08	0.2	270
32S/13E-29E07 M	790924	8.1	940		102.0	49.0	55.0	3.5	465.7	133.0	34.0	0.5		0.2	470
32S/13E-29E07 M	810902	8.1	790	612	112.8	48.8	25.7		473.7	86.0	25.0	0.0			480
32S/13E-29E07 M	891228	6.6	1000	640	110.0	54.0	42.0	4.0	400.0	150.0	29.0	7.5		0.3	500
32S/13E-29E07 M	900306	6.5	1000	690	120.0	58.0	44.0	3.0	420.0	160.0	30.0	8.0		0.3	510
32S/13E-29E07 M	900713	6.9	890	660	110.0	56.0	42.0	5.0	440.0	140.0	28.0	8.4		0.3	490
32S/13E-29E07 M	930915	7.6	1110	605	107.3	51.5	39.8	2.4	451.4	146.2	25.8	9.6		0.3	480
32S/13E-29E07 M	960924	7.6	1030	617	112.0	48.6	38.1	2.7	438.0	155.0	29.6	14.9		0.4	480
32S/13E-29E07 M	990907	7.1	1070	614	119.0	45.0	41.1	1.1	432.0	148.0	30.7	16.4		0.2	483
32S/13E-29F01 M	671024	7.6	1049	684	88.0	43.0	60.0	3.0	240.2	145.0	81.0	94.5	0.00	0.3	397
32S/13E-29F01 M	840222	7.6	987	470	49.0	43.4	53.0		179.2	126.0	60.3	64.6		0.3	300
32S/13E-29F01 M	880301	7.2	700	450	50.0	24.0	41.0	5.0	134.1	110.0	45.0	62.0		<0.1	250
32S/13E-29F01 M	910129	7.7	760	448	61.7	28.7	42.3	2.0	141.5	105.8	36.6	77.5		0.1	272
32S/13E-29F01 M	940308	7.6	690	415	67.3	19.2	43.9	2.0	151.3	114.9	47.9	45.2		0.2	247
32S/13E-29F01 M	970311	7.4	710	406	71.1	19.4	40.5	1.7	154.0	109.0	45.1	43.0		0.3	258
32S/13E-29F01 M	000321	7.0	675	417	87.0	8.0	47.0	2.0	150.0	116.0	43.0	41.0		0.0	259
32S/13E-29G01 M	501113	7.5	872	558	90.0	43.0	37.0	3.0	360.9	131.0	32.0	10.0	0.01		402
32S/13E-29G01 M	570306	7.4	945	591	102.0	45.0	38.0	3.0	382.8	146.0	35.0	8.7	0.01	0.2	440
32S/13E-29G01 M	590218	7.9	842	601	80.0	39.0	36.0	2.0	210.9	150.0	53.0	60.0	0.08	0.2	360
32S/13E-29G01 M	600803	7.2	939		99.0	46.0	38.0	2.0	331.6	153.0	41.0	18.0	0.11	0.3	436

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□ Appendix F

Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

□ Appendix F

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-29G01 M	611117	7.4	948	627	103.0	49.0	34.0	2.0	357.2	144.0	43.0	31.0	0.02	0.4	459
32S/13E-29G01 M	620823	7.4	810	638	77.0	33.0	41.0	4.0	175.6	143.0	54.0	60.0	0.05	0.4	328
32S/13E-29G01 M	621016	7.3	820	480	79.0	43.0	43.0	2.0	285.3	132.0	60.0	31.0	0.09	0.2	374
32S/13E-29G01 M	630925	7.2	937	705	104.0	45.0	42.0	3.0	360.9	146.0	44.0	28.0	0.08	1.1	445
32S/13E-29G01 M	640922	7.7	940	612	73.0	46.0	42.0	2.0	187.8	152.0	37.0	111.0	0.12	0.2	371
32S/13E-29G01 M	641013	7.6	869	670	82.0	40.0	42.0	2.0	260.9	136.0	48.0	44.0	0.06	0.4	369
32S/13E-29G01 M	690411	8.0		625	82.0	30.0	52.0	3.2	232.9	161.0	50.0	40.0		0.2	335
32S/13E-29G01 M	740912	7.9	889	670	88.0	43.0	42.0	2.0	262.1	152.0	53.0	35.0		0.2	395
32S/13E-29G01 M	840222	7.7	1009	544	41.0	50.8	62.5		236.5	140.0	43.1	41.2		0.4	311
32S/13E-29G01 M	840829	7.2	737	552	59.9	33.7	42.5		284.1	104.0	34.2				288
32S/13E-29G01 M	880301	7.3	700	420	58.0	26.0	49.0	4.0	182.9	130.0	45.0	39.0		<0.1	270
32S/13E-29G01 M	910129	7.7	840	487	82.5	24.8	43.0	2.1	225.5	129.4	34.9	25.1		0.3	308
32S/13E-29G01 M	940308	7.6	780	470	72.1	28.2	47.6	2.2	198.6	142.8	48.3	31.2		0.3	296
32S/13E-29G01 M	970311	7.3	850	494	87.9	27.3	44.3	2.4	218.0	148.0	45.0	31.0		0.3	332
32S/13E-29G01 M	000321	7.0	820	509	102.0	18.0	45.0	2.0	216.0	163.0	43.0	30.0		0.0	329
32S/13E-29G02 M	590218	8.1	984	661	110.0	53.0	33.0	3.0	414.5	165.0	32.0	3.9	0.09	0.2	493
32S/13E-29G02 M	640617	8.2	952	642	102.0	50.0	39.0	2.0	390.1	146.0	44.0	25.5	0.15	0.5	460
32S/13E-29G02 M	640922	7.6	900	640	74.0	59.0	46.0	2.0	343.8	160.0	46.0	20.0	0.55	0.1	427
32S/13E-29G02 M	651007	7.9	938	610	99.0	46.0	40.0	2.0	349.9	148.0	43.0	27.0	0.12	0.4	436
32S/13E-29G02 M	701023	7.8	788	522	60.0	48.0	39.0	3.0	253.6	160.0	40.0	10.0	0.02	0.4	347
32S/13E-29G02 M	711026	7.6	858	571	81.0	39.0	48.0	2.1	245.1	159.0	54.0	39.0	0.04	0.2	363
32S/13E-29G02 M	840222	7.6	1031	553	37.0	62.2	56.0		267.0	148.0	45.8	35.8		0.3	348
32S/13E-29G02 M	880301	7.4	850	550	70.0	33.0	48.0	5.0	219.5	140.0	55.0	58.0		<0.1	340
32S/13E-29G02 M	910129	7.6	850	519	78.5	33.1	45.2	2.1	213.7	131.7	39.4	38.1		0.2	332
32S/13E-29G02 M	940308	7.6	780	467	66.0	29.9	48.2	2.1	188.9	141.0	46.4	40.2		0.3	288
32S/13E-29G02 M	970311	7.6	890	513	90.3	27.6	47.5	1.9	239.0	150.0	44.8	33.0		0.3	339
32S/13E-29G02 M	000321	7.0	870	555	101.0	25.0	52.0	2.0	249.0	173.0	46.0	34.0		0.0	354
32S/13E-29G03 M	840222	8.3	1140	646	15.4	111.0	46.5		545.0	137.0	26.0	0.4		0.4	497
32S/13E-29G03 M	840829	7.4	1048	690	107.0	47.5	56.0		534.0	117.7	28.4				463
32S/13E-29G13 M	691007	7.8	848	572	60.0	46.0	41.0	3.0	180.4	153.0	57.0	42.0	0.05	0.3	339
32S/13E-29G14 M	761118	8.4		750	96.0	42.5	40.0	2.4	295.0	157.0	42.0	31.0		0.2	415
32S/13E-29G14 M	840222	7.6	1042	575	37.6	61.8	64.0		257.3	152.0	54.0	44.7		0.3	348
32S/13E-29G14 M	840829	7.3	871	572	24.5	60.9	63.0		262.1	128.2	46.5				311
32S/13E-29G14 M	880301	7.3	800	540	71.0	34.0	43.0	5.0	243.8	150.0	45.0	34.0		<0.1	350
32S/13E-29G14 M	910129	7.8	850	502	72.9	40.3	40.1	2.1	239.1	138.6	34.6	25.5		0.3	348

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-29G14 M	940308	7.4	810	499	83.3	29.2	45.1	3.2	221.1	154.0	47.1	28.2		0.3	328
32S/13E-29G14 M	970311	7.4	890	521	116.0	16.5	42.9	2.0	241.0	152.0	43.9	28.9		0.3	358
32S/13E-29G14 M	000321	7.0	870	545	101.0	30.0	48.0	2.0	242.0	172.0	44.0	29.0		0.0	373
32S/13E-29G15 M	850515	7.5	1021	677	104.0	47.4	54.5		465.7	133.0	29.6				456
32S/13E-29G15 M	880301	7.5		670	110.0	51.0	35.0	6.0	499.9	150.0	30.0	<0.4		<0.1	530
32S/13E-29G15 M	880322	7.2	1050	650	110.0	54.0	39.0	<3.0	487.7	130.0	25.0	<0.4		<0.1	530
32S/13E-29G15 M	910129	7.6	1150	713	112.1	58.0	37.0	2.3	490.4	127.0	20.3	<1.0		<0.1	519
32S/13E-29G15 M	940308	7.5	1040	638	120.1	50.3	38.9	2.3	500.7	149.7	30.1	<1.0		0.3	507
32S/13E-29G15 M	970311	7.6	1090	641	161.0	27.7	36.5	2.2	503.0	138.0	27.4	2.0		0.4	516
32S/13E-29G15 M	000321	7.0	1040	646	156.0	34.0	38.0	2.0	489.0	148.0	27.0	2.0		0.0	531
32S/13E-29G17 M	900615	6.8	850	540	85.0	39.0	45.0	3.0	270.0	140.0	48.0	39.0		0.1	390
32S/13E-29G17 M	930202	7.7	900	524	92.4	40.1	39.4	2.2	303.5	157.2	42.3	25.8		0.3	396
32S/13E-29G17 M	960416	7.7	880	550	86.4	45.3	38.8	2.6	292.0	165.0	41.6	26.2		0.2	392
32S/13E-29G17 M	990525	7.3	960	577	113.0	30.4	43.1	2.4	315.0	166.0	41.8	22.6		0.1	407
32S/13E-29G17 M	000321	7.0	915	579	130.0	19.0	44.0	3.0	307.0	168.0	42.0	22.0		0.0	402
32S/13E-29M04 M	871105	8.2	926	726	82.0	41.0	56.0	3.4	132.9	160.0	81.0	132.0	0.20	0.3	373
32S/13E-29P01 M	521112	7.5	559	374	66.0	17.0	33.0	2.0	180.4	98.0	32.0	2.6	0.02		235
32S/13E-30F01 M	650528	11.4	2620	2032	339.0	22.0	205.0	10.0	252.4	192.0	596.0	23.0	0.12	0.1	937
32S/13E-30F01 M	670310	7.7	2790	1960	213.0	87.0	232.0	6.0	137.8	437.0	541.0	26.0	0.00		890
32S/13E-30F02 M	650528	8.1	865	552	75.0	43.0	52.0	3.0	262.1	140.0	59.0	31.0	0.10	0.1	364
32S/13E-30F02 M	660120	7.6	970	580	94.0	38.0	47.0	2.0	280.4	152.0	68.0	27.0	0.08	0.2	391
32S/13E-30F02 M	670310	8.0	997	650	89.0	39.0	51.0	3.0	280.4	152.0	64.0	26.0	0.00		383
32S/13E-30F02 M	670927	7.6	932	636	88.0	40.0	49.0	3.0	286.5	153.0	58.0	30.0	0.05	0.2	384
32S/13E-30F02 M	760609	8.0	971	637	98.0	43.0	55.0	2.8	342.6	172.0	48.0	17.6	0.10	0.5	421
32S/13E-30F02 M	960327	7.4	998	678	97.8	41.6	52.0	3.8	304.8	166.0	49.2	48.7	0.16		
32S/13E-30F03 M	650528	8.0	1060	688	109.0	54.0	49.0	4.0	378.0	188.0	73.0	0.0	0.15	0.2	494
32S/13E-30F03 M	660119	7.8	1047	642	109.0	40.0	49.0	4.0	320.7	182.0	69.0	1.0	0.05	0.3	437
32S/13E-30F03 M	670410	8.2	958	600	87.0	37.0	45.0	3.0	264.6	178.0	48.0	1.1	0.00		370
32S/13E-30F03 M	670926	7.6	903	613	76.0	47.0	44.0	3.0	282.9	181.0	43.0	0.0	0.03	0.3	383
32S/13E-30F03 M	760609	7.8	943	616	96.0	49.0	41.0	2.6	332.8	190.0	43.0	0.4	0.05	0.5	441
32S/13E-30F03 M	960327	7.6	1004	686	109.0	48.0	40.0	3.4	379.2	197.0	40.9	<0.2	0.13		
32S/13E-30H01 M	580929	6.2	636	425	34.0	22.0	63.0	1.0	21.9	93.0	58.0	145.0	0.14	0.1	176
32S/13E-30H01 M	590218	6.1	587	448	31.0	18.0	62.0	1.0	18.3	94.0	53.0	133.0	0.02	0.1	152
32S/13E-30H01 M	590922	7.0	714	460	34.0	21.0	62.0	2.0	12.2	79.0	65.0	163.0	0.32	0.0	172
32S/13E-30H01 M	600920	6.6	725		35.0	22.0	62.0	1.0	15.8	97.0	58.0	155.0	0.00	0.1	178

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Appendix F

Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-30H01 M	610302	6.5	690		37.0	25.0	56.0	1.0	19.5	92.0	61.0	150.0	0.28	0.0	196
32S/13E-30H02 M	580929	7.4	690	460	56.0	30.0	43.0	2.0	97.5	80.0	65.0	124.0	0.18	0.2	263
32S/13E-30H02 M	590218	7.4	699	515	62.0	29.0	45.0	2.0	101.2	89.0	69.0	124.0	0.03	0.1	274
32S/13E-30H02 M	590922	7.3	652	440	47.0	25.0	40.0	2.0	85.3	55.0	64.0	107.0	0.46	0.2	221
32S/13E-30H02 M	610302	7.3	700		51.0	26.0	42.0	2.0	96.3	65.0	65.0	115.0	0.10	0.1	234
32S/13E-30H02 M	611109	7.4	664	448	50.0	24.0	41.0	2.0	113.4	50.0	71.0	94.0	0.06	0.2	224
32S/13E-30H02 M	621010	7.5	630	474	53.0	23.0	47.0	2.0	95.1	62.0	73.0	100.0	0.08	0.2	227
32S/13E-30H02 M	630926	7.2	734	500	57.0	21.0	54.0	2.0	102.4	73.0	68.0	118.0	0.05	0.3	229
32S/13E-30H02 M	640617	7.6	770	536	59.0	28.0	58.0	3.0	109.7	87.0	73.0	133.0	0.05	0.1	262
32S/13E-30H02 M	641013	7.9	690	610	53.0	27.0	58.0	3.0	93.9	80.0	71.0	127.0	0.06	0.1	243
32S/13E-30H02 M	651007	7.8	778	463	52.0	26.0	52.0	2.0	86.6	81.0	76.0	122.0	0.03	0.3	237
32S/13E-30H02 M	691007	7.7	864	662	60.0	29.0	60.0	3.0	81.7	108.0	84.0	123.0	0.06	0.3	269
32S/13E-30H02 M	701020	8.0	864	551	59.0	28.0	64.0	2.0	91.4	109.0	80.0	128.0	0.07	0.3	263
32S/13E-30H02 M	711025	7.2	822	525	55.0	29.0	70.0	2.8	98.8	127.0	70.0	130.0	0.06	0.1	256
32S/13E-30K01 M	650610	7.2	810	594	53.0	24.0	62.0	2.0	78.0	83.0	84.0	125.0	0.07	0.0	231
32S/13E-30K04 M	780623	7.7	1200	872	78.0	29.6	65.8		93.9	246.1	84.5	6.0		0.1	384
32S/13E-30K05 M	650610	7.7	1005	700	85.0	39.0	56.0	3.0	175.6	149.0	80.0	108.0	0.06	0.2	373
32S/13E-30K06 M	600803	7.6	998		87.0	41.0	54.0	1.0	196.3	142.0	100.0	62.0	0.13	0.2	386
32S/13E-30K06 M	621031	8.2	1140	904	49.0	86.0	79.0	4.0	217.0	158.0	184.0	67.0	0.13	0.2	476
32S/13E-30K06 M	671005	8.0	1235	801	98.0	44.0	82.0	3.0	214.6	165.0	143.0	85.0	0.08	0.3	426
32S/13E-30K06 M	780623	7.4	1150	952	76.2	30.0	69.7		104.9	231.6	106.7	6.1		0.0	404
32S/13E-30K10 M	650610	7.4	930	670	68.0	32.0	60.0	3.0	93.9	134.0	83.0	128.0	0.05	0.2	301
32S/13E-30K16 M	650831	7.3	1390	918	103.0	58.0	97.0		307.2	206.0	158.0	28.0		0.1	497
32S/13E-30K16 M	780623	7.5	1100	976	82.0	29.0	66.8		91.4	248.0	92.0	6.0		0.2	388
32S/13E-30K17 M	711029	7.5	984	638	80.0	39.0	62.0	2.8	93.9	159.0	96.0	148.5	0.04	0.2	360
32S/13E-30K19 M	900711	6.7	1000	660	100.0	46.0	74.0	4.0	317.0	200.0	63.0	1.3		0.3	450
32S/13E-30K19 M	930609	7.3	1130	696	81.9	68.0	69.3	3.5	385.0	220.1	62.9	<1.0		0.6	484
32S/13E-30K19 M	951107	7.6	1110	668	118.5	49.6	55.0	3.3	374.8	200.0	55.1	2.4		0.2	500
32S/13E-30K19 M	981103	7.3	1240	730	138.0	41.0	55.1	4.1	354.0	250.0	63.6	2.8		0.3	514
32S/13E-30L01 M	611109	8.0	925	605	98.0	46.0	41.0	1.0	336.5	138.0	53.0	27.0	0.04	0.2	434
32S/13E-30L01 M	621016	7.2	950	604	102.0	45.0	47.0	2.0	345.0	137.0	69.0	13.0	0.07	0.2	440
32S/13E-30L01 M	630926	7.4	991	730	94.0	51.0	50.0	3.0	326.7	132.0	85.0	25.0	0.06	0.3	444
32S/13E-30L01 M	641013	8.2	1080	814	96.0	54.0	52.0	2.0	308.5	144.0	111.0	22.0	0.11	0.1	462
32S/13E-30L02 M	540929	7.5	761		92.0	41.0	40.0	3.0	353.6	124.0	43.0	20.0	0.20	0.1	398
32S/13E-30L02 M	570829	7.8	901	637	76.0	40.0	41.0	2.0	317.0	115.0	51.0	4.7	0.30	0.1	354

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-30L02 M	580206	7.2	855	590	70.0	47.0	39.0	2.0	310.9	95.0	52.0	22.0	0.10	0.0	368
32S/13E-30L02 M	590218	7.4	741	529	72.0	35.0	45.0	2.0	217.0	103.0	59.0	67.0	0.03	0.1	324
32S/13E-30L02 M	590922	7.1	865	645	85.0	43.0	40.0	1.0	314.6	115.0	57.0	28.0	0.18	0.1	389
32S/13E-30L02 M	600224	7.3	950	590	90.0	44.0	48.0	2.0	290.2	125.0	85.0	35.0	0.12	0.3	406
32S/13E-30L02 M	600920	7.3	945		92.0	45.0	42.0	2.0	349.9	134.0	50.0	22.0	0.15	0.0	415
32S/13E-30L02 M	610302	7.1	1530		139.0	72.0	60.0	3.0	280.4	160.0	255.0	16.0	0.10	0.0	644
32S/13E-30L02 M	640617	7.5	1057	658	102.0	48.0	52.0	2.0	304.8	140.0	97.0	26.0	0.30	0.4	452
32S/13E-30L02 M	651007	8.0	1156	725	113.0	53.0	46.0	3.0	297.5	151.0	130.0	24.0	0.04	0.3	500
32S/13E-30L02 M	671005	7.8	1246	842	116.0	54.0	56.0	3.0	291.4	145.0	163.0	29.0	0.06	0.3	512
32S/13E-30L02 M	701020	8.1	1512	986	136.0	68.0	88.0	3.0	290.2	206.0	213.0	45.0	0.07	0.4	619
32S/13E-30L02 M	741108	8.3	1206	758	106.0	51.0	56.0	2.3	230.4	157.0	129.0	80.0	0.54	0.5	473
32S/13E-30N01 M	670413	8.7	1150	696	41.0	48.0	94.0	37.0	112.2	278.0	132.0	1.7	0.00		300
32S/13E-30N01 M	670927	8.3	864	531	30.0	38.0	67.0	33.0	137.8	153.0	100.0	1.5	0.12	0.5	232
32S/13E-30N02 M	660121	7.5	1376	1069	148.0	63.0	71.0	5.0	231.7	483.0	54.0	0.0	0.12	0.5	629
32S/13E-30N02 M	670413	8.2	1370	1050	137.0	64.0	71.0	4.0	219.5	486.0	50.0	1.4	0.10		605
32S/13E-30N02 M	670927	7.6	1353	1048	147.0	63.0	68.0	5.0	241.4	484.0	48.0	0.0	0.11	0.5	627
32S/13E-30N02 M	721011	7.7	1295	882	126.0	62.0	64.0	3.6	335.3	218.0	116.0	48.0	0.08	0.3	568
32S/13E-30N02 M	760607	7.9	1366	1093	150.0	60.0	62.0	4.7	247.5	484.0	48.0	0.0	0.13	0.7	624
32S/13E-30N02 M	960327	8.1	1394	1050	145.0	60.4	71.0	5.5	242.6	516.0	49.5	0.9	0.23		
32S/13E-30N03 M	650611	8.1	1145	804	97.0	75.0	57.0	3.0	423.1	231.0	73.0	0.0	0.08	0.1	551
32S/13E-30N03 M	660122	7.5	1226	804	132.0	59.0	54.0	3.0	409.7	250.0	57.0	1.0	0.08	0.5	572
32S/13E-30N03 M	670413	8.1	1220	778	121.0	43.0	56.0	3.0	318.2	238.0	62.0	0.6	0.00		479
32S/13E-30N03 M	670927	7.9	933	661	65.0	55.0	51.0	3.0	234.1	246.0	41.0	0.0	0.05	0.3	388
32S/13E-30N03 M	721011	7.8	1310	1038	145.0	62.0	74.0	4.0	242.6	493.0	47.0	0.8	0.15	0.4	617
32S/13E-30N03 M	760607	8.0	1065	705	99.0	43.0	54.0	2.9	189.0	168.0	90.0	112.5	0.08	0.5	424
32S/13E-30N03 M	960327	7.7	960	624	78.4	34.9	62.0	4.0	150.0	161.0	70.2	106.3	0.13		
32S/13E-30P01 M	501112	7.8	796	512	96.0	26.0	37.0	1.0	330.4	105.0	32.0	15.0	0.02		347
32S/13E-30P01 M	610303	7.5	910		94.0	43.0	38.0	2.0	324.3	110.0	76.0	20.0	0.04	0.1	412
32S/13E-30P01 M	620823	7.7	950	694	104.0	49.0	40.0	2.0	320.7	119.0	106.0	13.0	0.06	0.2	461
32S/13E-30P01 M	621030	7.5	960	682	100.0	47.0	42.0	3.0	319.4	120.0	99.0	15.0	0.14	0.2	443
32S/13E-30P01 M	660120	7.4	1099	653	106.0	48.0	43.0	2.0	306.0	134.0	105.0	27.0	0.04	0.4	462
32S/13E-30P01 M	671004	7.4	1099	736	104.0	48.0	49.0	3.0	293.8	147.0	108.0	35.0	0.04	0.4	457
32S/13E-30P03 M	610928	7.9	780	603	94.0	45.0	30.0	2.0	280.4	139.0	51.0	49.0	0.08	0.3	420
32S/13E-30P03 M	671006	7.0	1143	765	88.0	50.0	67.0	2.0	153.6	209.0	102.0	115.0	0.05	0.3	425
32S/13E-30Q02 M	650610	7.5	1082	793	89.0	43.0	62.0	3.0	168.3	185.0	91.0	104.0	0.05	0.2	399

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Appendix F
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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-30Q04 M	650610	7.4	1018	733	81.0	39.0	65.0	2.0	136.6	156.0	94.0	118.0	0.05	0.2	363
32S/13E-30R01 M	581006	7.4	748	470	65.0	30.0	54.0	3.0	158.5	99.0	74.0	78.0	0.00	0.3	286
32S/13E-30R01 M	590218	7.3	680	489	65.0	29.0	44.0	3.0	186.5	96.0	57.0	62.0	0.15	0.2	281
32S/13E-30R01 M	590922	7.5	847	585	63.0	30.0	61.0	3.0	124.4	106.0	78.0	115.0	0.42	0.0	281
32S/13E-30R01 M	600224	7.3	892	560	87.0	32.0	46.0	2.0	158.5	122.0	82.0	98.0	0.03	0.3	349
32S/13E-30R01 M	600920	7.7	1005		99.0	41.0	38.0	2.0	226.8	150.0	79.0	62.0	0.03	0.1	416
32S/13E-30R01 M	610302	7.4	900		82.0	41.0	39.0	2.0	154.8	139.0	85.0	109.0	0.38	0.2	373
32S/13E-30R01 M	611109	7.2	980	659	90.0	41.0	48.0	3.0	212.1	150.0	73.0	85.0	0.07	0.3	393
32S/13E-30R01 M	620823	7.0	740	618	56.0	23.0	56.0	3.0	80.5	103.0	72.0	94.0	0.05	0.4	234
32S/13E-30R01 M	621010	7.4	700	488	56.0	21.0	55.0	2.0	81.7	101.0	71.0	87.0	0.05	0.2	226
32S/13E-30R01 M	630926	7.2	791	565	57.0	27.0	62.0	3.0	75.6	114.0	68.0	128.0	0.05	0.3	253
32S/13E-30R01 M	640617	7.2	806	533	58.0	26.0	61.0	3.0	70.7	117.0	70.0	123.0	0.28	0.3	252
32S/13E-30R01 M	651007	7.8	781	474	51.0	25.0	59.0	3.0	73.2	123.0	68.0	106.0	0.02	0.3	230
32S/13E-30R01 M	691007	7.9	828	554	59.0	27.0	63.0	3.0	81.7	136.0	73.0	108.0	0.00	0.3	258
32S/13E-30R01 M	711025	7.2	863	572	65.0	32.0	62.0	2.4	84.1	140.0	76.0	145.0	0.04	0.2	294
32S/13E-30R02 M	610302	7.1	780		57.0	25.0	63.0	2.0	58.5	106.0	67.0	175.0	0.04	0.0	245
32S/13E-30R02 M	640617	7.1	896	629	69.0	30.0	61.0	2.0	87.8	122.0	76.0	156.0	0.40	0.2	296
32S/13E-30R02 M	701014	7.4	896	613	64.0	29.0	69.0	3.0	65.8	145.0	77.0	134.0	0.02	0.2	279
32S/13E-30R02 M	871105	7.8	694	532	53.0	28.0	48.0	1.6	75.6	137.0	55.0	76.8	0.00	0.2	247
32S/13E-30R11 M	640617	7.8	710	580	55.0	21.0	63.0	2.0	69.5	121.0	61.0	120.0	0.10	0.1	224
32S/13E-31B01 M	530603	7.3	1114		107.0	37.0	73.0	4.0	258.5	183.0	91.0	89.9	0.10	0.0	419
32S/13E-31B01 M	610303	7.1	1180		107.0	55.0	67.0	3.0	249.9	210.0	99.0	107.0	0.15	0.0	493
32S/13E-31B03 M	621030	8.4	1440	942	126.0	67.0	118.0	3.0	387.7	286.0	145.0	50.0	0.16	0.2	590
32S/13E-31B04 M	650604	7.4	1214	786	91.0	51.0	82.0	2.0	219.5	181.0	103.0	117.0	0.07	0.3	437
32S/13E-31B05 M	650605	7.4	1140	760	87.0	42.0	80.0	2.0	178.0	159.0	103.0	121.0	0.08	0.3	390
32S/13E-31B06 M	650605	7.6	1185	784	89.0	51.0	76.0	2.0	208.5	178.0	101.0	115.0	0.07	0.3	432
32S/13E-31B07 M	650605	7.4	1081	696	66.0	55.0	70.0	1.0	162.2	199.0	93.0	81.0	0.02	0.3	391
32S/13E-31B09 M	650727	8.4	1162	817	96.0	50.0	76.0	3.0	229.2	184.0	99.0	113.0	0.10	0.3	445
32S/13E-31B10 M	650605	7.5	1193	819	97.0	47.0	78.0	3.0	214.6	178.0	100.0	120.0	0.06	0.3	436
32S/13E-31B12 M	650605	8.0	907	560	90.0	42.0	36.0	2.0	262.1	138.0	49.0	59.0	0.02	0.4	397
32S/13E-31B13 M	650727	8.2	1140	790	105.0	52.0	60.0	3.0	253.6	183.0	96.0	90.0	0.08	0.3	476
32S/13E-31C01 M	621030	7.9	1950	1468	66.0	62.0	325.0	41.0	479.2	36.0	523.0	0.0	0.35	0.2	420
32S/13E-31C01 M	650414	7.5	4255	2509	82.0	98.0	670.0	40.0	520.6	336.0	960.0	1.0	0.45	0.9	608
32S/13E-31C01 M	660122	7.8	4543	2592	100.0	108.0	708.0	45.0	551.1	355.0	1008.0	3.7	0.55	0.8	694
32S/13E-31C01 M	671004	7.9	4780	2871	100.0	115.0	752.0	47.0	516.9	410.0	1101.0	3.0	0.55	0.7	723

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-31F01 M	610928	8.2	1175	676	76.0	67.0	47.0	3.0	323.1	227.0	50.0	3.7	0.10	0.3	465
32S/13E-31F01 M	621102	7.5	1190	808	134.0	64.0	47.0	3.0	482.8	232.0	41.0	0.0	0.10	0.2	598
32S/13E-31F01 M	630708	8.1	1050	741	92.0	67.0	46.0	3.0	378.0	220.0	43.0	1.2	0.08	0.3	505
32S/13E-31F01 M	650727	8.1	1163	820	131.0	64.0	46.0	3.0	453.5	242.0	42.0	0.0	0.05	0.4	590
32S/13E-31F01 M	660718	8.0	1082	676	93.0	66.0	47.0	3.0	346.3	242.0	47.0	1.0	0.03	0.4	504
32S/13E-31F01 M	671003	7.6	1187	822	129.0	60.0	48.0	3.0	443.8	242.0	41.0	0.6	0.04	0.4	569
32S/13E-31F02 M	650512	8.1	1370	1006	128.0	73.0	67.0	4.0	353.6	394.0	52.0	0.0	0.11	0.1	620
32S/13E-31F02 M	660121	8.1	1298	952	138.0	62.0	62.0	4.0	337.7	364.0	48.0	1.0	0.08	0.5	600
32S/13E-31F02 M	670413	8.2	1330	958	136.0	63.0	62.0	3.0	347.5	372.0	46.0	1.5	0.40		599
32S/13E-31F02 M	670928	7.8	1283	949	136.0	66.0	60.0	4.0	353.6	374.0	44.0	0.5	0.07	0.4	611
32S/13E-31F02 M	721011	7.7	1371	1089	157.0	64.0	74.0	4.1	230.4	534.0	47.0	1.2	0.15	0.4	655
32S/13E-31F02 M	760526	7.9	1394	1069	160.0	63.0	73.0	3.9	236.5	523.0	50.0	1.4	0.16	0.7	658
32S/13E-31F03 M	650514	8.0	1370	1160	133.0	78.0	82.0	4.0	234.1	545.0	57.0	0.0	0.12	0.1	653
32S/13E-31F03 M	660121	7.4	1436	1055	158.0	63.0	72.0	4.0	225.6	521.0	50.0	1.0	0.13	0.4	654
32S/13E-31F03 M	670413	7.9	1430	1060	102.0	92.0	73.0	4.0	230.4	481.0	48.0	1.5	0.10		634
32S/13E-31F03 M	670928	7.5	1386	1089	157.0	62.0	72.0	4.0	241.4	514.0	48.0	1.0	0.12	0.4	647
32S/13E-31F03 M	721011	7.8	1286	980	147.0	65.0	59.0	3.6	331.6	430.0	36.0	0.7	0.12	0.3	634
32S/13E-31F03 M	760526	7.9	1384	1087	161.0	62.0	74.0	4.0	239.0	535.0	51.0	1.6	0.20	0.7	657
32S/13E-31F03 M	760608	8.2	1268	1105	154.0	61.0	72.0	4.3	230.4	524.0	46.0	0.0	0.10	0.7	637
32S/13E-31H01 M	610926	7.7	1500		166.0	88.0	55.0	1.0	398.7	404.0	74.0	50.0	0.10	0.4	777
32S/13E-31H01 M	640707	8.4	1640	1206	108.0	114.0	80.0	3.0	454.8	334.0	128.0	0.0	0.17	0.1	739
32S/13E-31H01 M	650727	8.5	1686	1375	198.0	99.0	62.0	2.0	417.0	460.0	93.0	85.0	0.02	0.6	902
32S/13E-31H02 M	650727	8.0	1466	1135	131.0	91.0	60.0	1.0	258.5	402.0	82.0	99.0	0.06	0.4	702
32S/13E-31H03 M	621030	8.2	1280	1074	133.0	85.0	53.0	1.0	445.0	281.0	85.0	31.0	0.13	0.2	682
32S/13E-31H03 M	651007	7.7	1403	995	148.0	74.0	61.0	1.0	408.4	291.0	89.0	48.0	0.12	0.6	675
32S/13E-31H03 M	660718	8.2	1570	1036	166.0	88.0	65.0	1.0	425.5	343.0	99.0	70.0	0.09	0.6	777
32S/13E-31H03 M	691007	7.9	1422	1119	132.0	85.0	62.0	1.0	356.0	315.0	105.0	75.0	0.10	0.4	679
32S/13E-31H03 M	701020	7.8	1598	1179	170.0	87.0	69.0	1.0	436.5	338.0	111.0	84.0	0.01	0.5	783
32S/13E-31H03 M	711028	8.0	1563	1100	173.0	83.0	74.0	1.3	487.7	310.0	98.0	87.6	0.08	0.3	773
32S/13E-31H04 M	610926	8.2	2180	1210	128.0	74.0	159.0	1.0	319.4	276.0	259.0	89.0	0.10	0.4	624
32S/13E-31H04 M	621030	7.3	1800	1338	126.0	75.0	190.0	1.0	360.9	307.0	268.0	42.0	0.15	0.2	623
32S/13E-31H07 M	660718	8.5	1788	1249	194.0	82.0	92.0	4.0	442.6	368.0	146.0	91.0	0.06	0.6	822
32S/13E-31H07 M	671005	7.8	2097	1562	216.0	95.0	116.0	5.0	495.0	421.0	172.0	142.5	0.06	0.6	930
32S/13E-31H07 M	701020	7.5	2013	1485	183.0	115.0	118.0	4.0	547.4	431.0	106.0	162.0	0.15	0.6	930
32S/13E-31H08 M	840707	7.4	860	635	103.0	54.3	42.0		507.2	129.0	25.8				480

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Appendix F

Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-31H08 M	850808	7.4	1025	661	119.0	54.0	41.0	3.0	482.8	143.0	32.0			0.3	518
32S/13E-31H08 M	881128	7.3	900	590	110.0	50.0	34.0	5.0	365.8	170.0	38.0	<0.4		0.3	440
32S/13E-31H08 M	920714	7.4	1110	577	134.6	39.6	38.7	2.3	468.5	140.8	28.5	<1.0		0.3	499
32S/13E-31H08 M	950718	7.7	1180	648	123.3	55.4	33.9	2.2	483.1	163.6	31.7	<1.0		0.2	560
32S/13E-31H08 M	951128	7.6	1200	647	116.1	60.8	37.4	2.2	463.6	167.6	35.0	<1.0		0.2	540
32S/13E-31H08 M	951128	7.6	1200	647	116.1	60.8	37.4	2.2	463.6	167.6	35.0	1.0		0.2	540
32S/13E-31H09 M	840712	7.8	1043	700	104.0	48.2	69.5		502.3	136.0	31.6				457
32S/13E-31H09 M	850808	7.3	1036	663	122.0	53.0	50.0	3.0	475.5	158.0	38.0			0.3	522
32S/13E-31H09 M	881128	7.1	1500	660	122.0	55.0	47.0	3.0	451.1	180.0	39.0	<0.4		<0.1	510
32S/13E-31H09 M	920714	7.2	1070	600	129.8	45.7	47.8	2.4	482.1	144.8	31.9	<1.0		0.2	512
32S/13E-31H09 M	950718	7.5	1160	652	120.1	54.1	43.7	2.3	458.7	171.3	35.0	<1.0		0.1	554
32S/13E-31H09 M	951128	7.6	1190	657	120.1	53.5	49.1	2.4	458.7	167.0	39.4	<1.0		0.2	520
32S/13E-31H09 M	981208	7.2	1100	650	130.0	46.5	39.3	2.0	455.0	169.0	39.4	2.0		0.2	516
32S/13E-31J01 M	640707	7.9	1170	808	51.0	102.0	50.0	1.0	397.5	229.0	52.0	12.0	0.05	0.1	547
32S/13E-31J02 M	610926	7.6	1750	1419	200.0	122.0	59.0	2.0	464.5	534.0	99.0	65.0	0.07	0.4	1001
32S/13E-31J02 M	620713	8.8	1380	1042	174.0	75.0	51.0	2.0	474.3	331.0	68.0	27.0	0.05	0.1	743
32S/13E-31J02 M	621030	8.2	1280	1108	137.0	91.0	50.0	2.0	465.7	327.0	62.0	29.0	0.13	0.2	717
32S/13E-31J02 M	630708	7.7	1110	816	127.0	57.0	43.0	1.0	393.8	242.0	50.0	11.0	0.01	0.4	552
32S/13E-31J02 M	650727	8.3	1359	1070	156.0	75.0	51.0	2.0	432.8	301.0	59.0	58.0	0.04	0.5	698
32S/13E-31J03 M	660718	7.9	2166	1595	222.0	135.0	82.0	2.0	397.5	644.0	131.0	126.0	0.08	0.6	1110
32S/13E-31K01 M	610926	8.1	2340	1447	186.0	132.0	89.0	9.0	635.2	494.0	124.0	9.3	0.10	0.4	1008
32S/13E-32A01 M	540611	7.4	868		77.0	38.0	39.0	1.0	242.6	117.0	53.0	63.0	0.00	0.2	349
32S/13E-32A01 M	570829	7.7	550	372	40.0	22.0	31.0	1.0	125.6	59.0	43.0	43.0	0.65	0.1	191
32S/13E-32A01 M	580206	7.5	351	240	10.0	21.0	22.0	1.0	69.5	21.0	35.0	33.0	0.00	0.7	112
32S/13E-32A01 M	590218	7.3	649	513	54.0	24.0	42.0	2.0	95.1	53.0	35.0	167.0	0.04	0.1	233
32S/13E-32A01 M	590922	7.7	654	451	50.0	22.0	44.0	2.0	102.4	124.0	51.0	50.0	0.29	0.1	216
32S/13E-32A01 M	600226	7.2	743	480	58.0	27.0	48.0	1.0	70.7	155.0	51.0	88.0	0.00	0.3	256
32S/13E-32A01 M	600920	7.0	842		69.0	34.0	44.0	2.0	134.0	176.0	55.0	48.0	0.05	0.0	312
32S/13E-32A01 M	610302	6.8	750		64.0	34.0	42.0	2.0	69.5	170.0	56.0	92.0	0.15	0.0	300
32S/13E-32A01 M	611117	7.1	830	576	80.0	34.0	39.0	2.0	113.4	151.0	57.0	124.0	0.01	0.2	340
32S/13E-32A01 M	620823	6.7	825	551	69.0	36.0	42.0	2.0	62.2			150.0	0.06	0.1	320
32S/13E-32A01 M	621016	6.7	840	560	72.0	36.0	46.0	1.0	48.8	158.0	57.0	172.0	0.07	0.2	328
32S/13E-32A01 M	630926	7.5	832	590	71.0	34.0	46.0	2.0	39.0	180.0	56.0	138.0	0.05	0.3	317
32S/13E-32A01 M	640604	7.1	822	560	70.0	38.0	46.0	2.0	39.0	185.0	56.0	144.0	0.04	0.3	331
32S/13E-32A01 M	651007	7.6	935	630	77.0	38.0	50.0	2.0	52.4	194.0	76.0	128.0	0.10	0.2	349

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-32C02 M	640617	7.9	555	290	33.0	30.0	36.0	2.0	208.5	57.0	40.0	0.5	0.21	0.2	206
32S/13E-32D01 M	650728	7.9	885	528	83.0	38.0	39.0	2.0	198.7	131.0	59.0	89.0	0.04	0.3	364
32S/13E-32D02 M	540919	7.6	813		87.0	38.0	28.0	2.0	314.6	111.0	39.0	23.6	0.00	0.2	374
32S/13E-32D02 M	590909	7.2	815		91.0	41.0	33.0	2.0	275.5	94.0	59.0	87.0	0.00	0.5	396
32S/13E-32D02 M	640425	7.2	752	527	81.0	39.0	34.0	2.0	229.2	124.0	53.0	55.0	0.11	0.3	363
32S/13E-32D02 M	660201	7.3	908	576	87.0	39.0	39.0	3.0	236.5	132.0	54.0	73.0	0.09	0.1	378
32S/13E-32D02 M	740430	7.7	895	684	103.4	51.9	38.9		378.0	167.0	42.8	15.0		0.4	471
32S/13E-32D02 M	741205	7.9	895	627	87.0	45.9	38.5		269.4	157.2	64.0	51.0		0.5	406
32S/13E-32D02 M	750603	7.6	736	730	92.8	55.6	39.6		378.0	169.9	45.5	4.8		0.3	629
32S/13E-32D02 M	760602	7.5	722	654	98.3	45.7	40.0		252.4	165.8	53.2	107.0		0.5	434
32S/13E-32D02 M	771122		1300	910	85.8	43.6	32.5		247.5	139.9	50.2	54.5		0.2	393
32S/13E-32D02 M	790823	8.3	755	604	52.6	64.0	30.0		270.7	147.0	44.7				394
32S/13E-32D02 M	800402	7.5	830	616	52.9	64.9	45.0		252.4	164.0	66.7				399
32S/13E-32D02 M	801008	8.1	783	564	86.0	39.0	33.0		265.8	119.0	44.5				376
32S/13E-32D02 M	810407	7.7	1033	625	82.5	37.0	50.0		324.3	143.0	49.5				357
32S/13E-32D03 M	590909	7.3	855		98.0	43.0	33.0	2.0	321.9	106.0	45.0	71.0	0.00	0.5	422
32S/13E-32D03 M	601110	7.1	863		104.0	36.0	34.0	2.0	319.4	120.0	41.0	41.0	0.11	0.2	408
32S/13E-32D03 M	620323	7.2	923		100.0	36.0	40.0	3.0	289.0	129.0	43.0	54.0	0.15	0.1	398
32S/13E-32D03 M	650728	8.1	866	561	83.0	38.0	35.0	2.0	197.5	130.0	53.0	89.0	0.06	0.3	364
32S/13E-32D03 M	660215	7.3	892	574	89.0	41.0	36.0	2.0	267.0	133.0	43.0	65.0	0.09	0.1	391
32S/13E-32D03 M	711029	7.9	840	561	86.0	39.0	40.0	2.1	242.6	150.0	51.0	48.0	0.03	0.3	375
32S/13E-32D03 M	740430	7.3	855	630	97.0	51.3	42.0		312.1	178.7	50.1	19.9		0.4	453
32S/13E-32D03 M	751201	8.2	752	629	89.7	46.5	58.0		292.6	170.4	32.4	51.4		0.3	415
32S/13E-32D03 M	760602	7.3	696	719	90.4	46.2	46.5		235.3	181.1	59.0	106.0		0.4	416
32S/13E-32D03 M	790823	8.1	833	665	64.0	60.6	40.0		257.3	161.0	63.0				409
32S/13E-32D03 M	800402	7.9	882	620	95.4	21.8	52.0		265.8	156.0	43.0				328
32S/13E-32D03 M	801008	7.9	884	629	85.0	45.0	46.0		256.0	148.0	57.0				396
32S/13E-32D03 M	810407	7.7	993	662	85.0	35.0	64.0		296.3	163.0	59.0				356
32S/13E-32D03 M	811014	8.3	887	626	34.1	71.0	51.0		308.5	164.0	49.0				396
32S/13E-32D03 M	820415	7.4	985	675	96.2	42.1	52.5		329.2	183.0	57.9				413
32S/13E-32D03 M	821018	7.7	953	636	92.9	36.7	52.0		280.4	164.6	56.2				383
32S/13E-32D03 M	830411	8.6	745	649	90.8	45.2	45.0		306.0	179.0	52.7				412
32S/13E-32D03 M	831003	8.6	992	674	19.0	83.2	48.5		304.8	180.0	43.0				389
32S/13E-32D03 M	840214	8.5	1088	656	46.8	78.8	46.0		335.3	181.0	42.9				441
32S/13E-32D03 M	881128	7.0	800	540	90.0	40.0	45.0	5.0	270.0	170.0	45.0	89.0		0.2	500

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-32D03 M	920714	7.3	840	483	75.3	36.5	44.1	2.2	226.9	133.5	38.2	60.0		0.2	338
32S/13E-32D03 M	950718	7.4	950	586	104.0	45.0	39.8	2.2	292.8	183.0	38.2	29.1		0.1	460
32S/13E-32D03 M	951128	7.6	940	594	96.1	46.2	45.2	2.2	283.0	184.8	45.8	33.4		0.2	430
32S/13E-32D03 M	981208	7.2	1100	683	137.0	43.9	39.3	2.4	338.0	219.0	47.7	27.0		0.4	523
32S/13E-32D04 M	591231	7.7	823	526	86.0	38.0	30.0	2.0	280.4	112.0	44.0	35.0	0.03	0.4	371
32S/13E-32D09 M	611003	7.3	1026	684	113.0	53.0	27.0	1.8	435.3	152.0	35.0	0.8	0.07	0.3	505
32S/13E-32D09 M	741108	8.5	844	535	60.0	52.0	32.0	2.0	214.6	205.0	40.0	0.8	0.02	0.4	367
32S/13E-32D10 M	590909	7.2	960		107.0	52.0	33.0	2.0	406.0	140.0	42.0	19.0	0.00	0.5	483
32S/13E-32D10 M	601110	6.9	1030		121.0	49.0	35.0	2.2	436.5	169.0	33.0	3.5	0.05	0.2	504
32S/13E-32D10 M	620323	7.0	1052	644	120.0	43.0	40.0	3.2	421.8	171.0	33.0	2.0	0.31	0.2	483
32S/13E-32D10 M	620815	7.1	959	609	101.0	49.0	38.0	2.5	347.5	158.0	42.0	38.0	0.10	0.3	454
32S/13E-32D10 M	640425		863	572	94.0	44.0	34.0	2.1	302.4	143.0	44.0	40.0	0.28	0.3	417
32S/13E-32D10 M	640813	8.0	900	640	89.0	56.0	43.0	2.0	347.5	154.0	45.0	34.0	0.10	0.1	450
32S/13E-32D10 M	660204	7.7	915	587	91.0	40.0	39.0	3.0	253.6	137.0	51.0	71.0	0.12	0.1	392
32S/13E-32D10 M	740430	7.4	940	685	101.8	60.8	39.3		388.9	168.3	44.4	12.0		0.4	504
32S/13E-32D10 M	741205	7.8	867	661	93.0	60.0	38.3		380.4	172.8	60.4	13.1		0.6	479
32S/13E-32D10 M	751201	8.1	722	631	83.8	51.8	64.0		378.0	173.2	47.3	25.0		0.4	422
32S/13E-32D10 M	760602	7.5	727	545	138.7	30.0	43.0		315.8	167.1	49.2	42.1		0.2	470
32S/13E-32D10 M	770517	7.7	803	687	99.5	61.2	38.5		361.0	170.0	55.0	27.0		0.4	500
32S/13E-32D10 M	771211		1195	654	105.0	52.3	34.3		340.2	152.0	53.0	43.3		0.4	478
32S/13E-32D10 M	800401	7.4	910	662	42.0	82.9	40.0		343.8	167.0	43.0				328
32S/13E-32D10 M	811014	8.3	967	662	29.9	85.5	49.0		333.0	172.0	60.0				426
32S/13E-32D10 M	820414	7.4	1018	697	108.0	47.9	51.0		392.6	145.0	57.0				467
32S/13E-32D10 M	831003	8.4	1007	702	24.7	88.3	41.5		346.3	167.0	38.0				425
32S/13E-32D10 M	840214	8.2	1115	669	31.4	94.7	40.5		407.2	179.0	35.9				468
32S/13E-32D10 M	890320	6.5	870	570	84.0	38.0	40.0	<3.0	230.0	160.0	43.0	66.0		0.2	390
32S/13E-32D10 M	920714	7.3	830	484	74.8	37.2	45.7	2.2	234.2	132.2	38.0	57.9		0.2	340
32S/13E-32D10 M	950718	7.5	920	570	100.0	44.1	37.6	2.0	298.2	173.8	35.8	29.8		0.1	432
32S/13E-32D10 M	951205	7.6	1050	617	104.1	53.1	39.0	2.3	331.8	185.3	41.7	25.6		1.1	478
32S/13E-32D10 M	990105	7.3	1060	641	131.0	39.8	32.8	2.0	342.0	208.0	44.9	13.7		0.3	491
32S/13E-32D11 M	810407	7.3	878	776	113.0	50.0	59.0		503.5	143.0	39.0				486
32S/13E-32D11 M	811014	7.9	938	694	110.0	62.0	49.0		509.6	139.0	39.0				542
32S/13E-32D11 M	821018	7.7	1072	698	121.0	51.2	48.5		542.6	113.5	37.7				513
32S/13E-32D11 M	840827	7.8	1049	703	97.5	53.5	48.0		518.2	116.0	26.8				463
32S/13E-32D11 M	881128	7.1	1000	630	120.0	58.0	38.0	3.0	487.7	150.0	26.0	<0.4		0.6	320

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-32D11 M	920714	7.2	1110	595	129.0	48.6	41.0	2.5	541.7	130.3	21.6	<1.0		0.2	522
32S/13E-32D11 M	950718	7.6	1200	619	115.3	58.4	34.9	2.4	487.5	146.7	21.5	<1.0		0.1	540
32S/13E-32D11 M	951128	7.6	1200	661	114.5	65.6	38.7	2.4	507.5	165.3	24.5	<1.0		0.2	556
32S/13E-32D11 M	981208	7.3	830	471	92.1	40.0	24.2	2.0	338.0	120.0	25.6	2.0		0.4	266
32S/13E-32E02 M	640617	7.7	928	618	57.0	31.0	79.0	2.0	58.5	142.0	87.0	150.0	0.26	0.2	270
32S/13E-32E13 M	640219	7.3	940	656	86.0	63.0	35.0	2.0	404.8	178.0	32.0	0.0	0.09	0.1	474
32S/13E-32F15 M	671026	7.5	890	639	61.0	31.0	57.0	2.0	39.0	110.0	104.0	147.5	0.12	0.1	280
32S/13E-32H01 M	570305	8.2	1410		160.0	76.0	53.0	2.0	418.2	311.0	69.0	74.0	0.09	0.3	712
32S/13E-32H01 M	570829	7.7	1469	1032	150.0	75.0	57.0	2.0	393.8	299.0	75.0	82.5	0.50	0.2	684
32S/13E-32H01 M	580929	7.8	1317	975	158.0	73.0	57.0	2.0	364.5	280.0	90.0	126.0	0.14	0.5	695
32S/13E-32H01 M	590218	7.5	1315	1043	165.0	74.0	48.0	2.0	403.6	313.0	66.0	110.0	0.04	0.3	717
32S/13E-32H01 M	590922	7.0	1567	1146	171.0	82.0	59.0	2.0	421.8	346.0	61.0	125.0	0.34	0.4	764
32S/13E-32H01 M	601006	7.4	1355		133.0	63.0	57.0	1.0	347.5	259.0	73.0	67.0	0.05	0.5	591
32S/13E-32H01 M	611109	8.0	729	485	64.0	28.0	45.0	1.0	75.6	147.0	57.0	106.0	0.02	0.2	275
32S/13E-32H01 M	620823	7.3	1060	808	106.0	52.0	49.0	2.0	270.7			92.0	0.06	0.2	479
32S/13E-32H01 M	621015	7.4	1040	682	108.0	47.0	52.0	2.0	264.6	179.0	66.0	104.0	0.11	0.2	463
32S/13E-32H01 M	630926	7.3	1314	950	135.0	66.0	62.0	2.0	312.1	232.0	99.0	112.0	0.08	0.5	609
32S/13E-32H01 M	640604	7.7	1252	860	130.0	66.0	63.0	2.0	307.2	230.0	85.0	136.0	0.08	0.6	596
32S/13E-32H01 M	651007	8.2	828	540	79.0	37.0	43.0	2.0	200.0	166.0	52.0	42.0	0.04	0.5	349
32S/13E-33D M	950419	7.3	1410	1000	161.0	71.0	52.0	2.6	450.0	310.0	68.7	27.4		0.4	694
Arroyo Grande Plain															
11N/35W-06C01 S	601103	8.0	1025	758	118.0	39.0	55.0	3.0	217.0	331.0	35.0	4.2	0.12	0.7	455
11N/35W-06C01 S	620822	7.6	850	580	85.0	31.0	56.0	3.0	180.4	232.0	49.0	9.5	0.10	0.4	340
12N/35W-29L01 S	711022	8.0	1789	1317	184.0	101.0	80.0	2.1	406.0	463.0	112.0	94.5	0.06	0.5	874
12N/35W-29M01 S	501112	7.4	1430	988	156.0	72.0	79.0	6.0	496.2	320.0	74.0	0.2	0.06		686
12N/35W-29N01 S	640618	7.2	1727	1474	206.0	91.0	66.0	2.0	423.1	480.0	112.0	0.0	0.00	0.7	889
12N/35W-29N01 S	811015	7.9	2190	1680	264.0	129.0	77.0	3.0	487.7	645.0	137.0	110.0	0.00	0.6	1190
12N/35W-29N01 S	871105	8.5	1830	1630	201.0	132.0	68.0	2.4	388.9	639.0	127.0	36.6	0.10	0.6	1040
12N/35W-29N02 S	610302	7.5	1460		158.0	89.0	69.0	2.0	407.2	389.0	120.0	0.0	0.10	0.3	761
12N/35W-29N02 S	630708	8.0	1860	1554	204.0	135.0	67.0	3.0	412.1	611.0	158.0	0.0	0.01	0.6	1065
12N/35W-29N03 S	620712	7.5	705	428	49.0	27.0	62.0	4.0	200.0	84.0	75.0	4.0	0.10	0.2	234
12N/35W-30K03 S	711022	8.0	2347	1836	272.0	137.0	78.0	2.6	460.9	737.0	134.0	90.0	0.09	0.5	1242
12N/35W-30L02 S	630707	7.7	1280	1398	128.0	162.0	67.0	1.0	574.3	519.0	89.0	18.0	0.12	0.2	986
12N/35W-30M01 S	610926	8.0	1985	1214	165.0	117.0	63.0	3.0	609.6	365.0	106.0	3.1	0.01	0.4	893

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

□ Appendix F

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
12N/35W-30M01 S	620713	7.7	1600	1140	151.0	105.0	61.0	5.0	599.9	355.0	59.0	0.0	0.00	0.1	809
12N/35W-30M01 S	640619	7.8	1775	1334	89.0	178.0	70.0	3.0	563.3	487.0	109.0	0.0	0.17	0.2	955
12N/35W-30M02 S	741108	8.2	1633	1144	152.0	102.0	57.0	2.0	297.5	491.0	98.0	52.0	0.07	0.8	799
12N/35W-30P02 S	701020	7.8	2128	1705	230.0	153.0	58.0	3.0	503.5	693.0	128.0	38.0	0.07	0.9	1204
12N/35W-31G01 S	761004	7.7	1774	1351	196.0	98.0	76.0	4.3	412.1	552.0	110.0	2.7	0.11	0.8	896
12N/35W-31G01 S	771018	7.7	1821	1346	210.0	96.0	72.0	3.3	442.6	526.0	106.0	2.2	0.11	0.6	919
12N/35W-31H01 S	610302	7.5	1020		91.0	39.0	71.0	4.0	275.5	217.0	81.0	0.0	0.20	0.2	388
12N/35W-31H01 S	620823	7.4	980	718	97.0	35.0	64.0	5.0	253.6	232.0	67.0	0.0	0.12	0.4	386
12N/35W-31H01 S	640619	7.4	980	638	64.0	47.0	72.0	4.0	246.3	198.0	69.0	3.0	0.18	0.2	353
12N/35W-32D01 S	610302	7.6	790		67.0	28.0	68.0	4.0	268.2	96.0	77.0	0.0	0.26	0.1	282
12N/35W-32N01 S	671101	7.2	426	246	6.0	8.0	66.0	2.0	52.4	9.0	87.0	27.0	0.04	0.2	48
32S/13E-32L02 M	501111	7.5	1010	658	116.0	55.0	35.0	2.0	454.8	151.0	33.0	2.9	0.01		516
32S/13E-32L02 M	640707	8.1	1046	724	56.0	91.0	36.0	2.0	414.5	192.0	37.0	0.0	0.05	0.2	514
32S/13E-32L02 M	711026	7.7	1239	792	112.0	55.0	72.0	3.1	258.5	163.0	165.0	67.5	0.05	0.3	506
32S/13E-32L05 M	640707	8.0	880	610	53.0	61.0	40.0	2.0	231.7	121.0	57.0	80.0	0.05	0.2	383
32S/13E-32L08 M	640617	8.0	1007	637	114.0	58.0	33.0	2.0	443.8	148.0	39.0	1.2	0.11	0.3	523
32S/13E-32L14 M	640217	7.8	1120	774	107.0	61.0	76.0	5.0	423.1	216.0	75.0	21.0	0.09	0.2	518
32S/13E-32L18 M	640218	8.0	1500	1144	154.0	86.0	89.0	4.0	486.5	288.0	123.0	85.0	0.14	0.1	738
32S/13E-32M01 M	640707	8.1	1200	844	77.0	98.0	46.0	2.0	446.2	233.0	59.0	22.0	0.08	0.1	595
32S/13E-32M03 M	871105	8.0	927	669	80.0	60.0	44.0	1.9	239.0	253.0	58.0	13.2	0.10	0.5	446
32S/13E-32M04 M	660718	8.3	1207	773	138.0	65.0	43.0	2.0	440.1	231.0	60.0	24.0	0.05	0.4	612
32S/13E-33A03 M	640624	7.9	2000	1614	212.0	137.0	78.0	2.0	597.4	545.0	119.0	81.0	0.12	0.2	1093
32S/13E-33E03 M	640618	8.0	1360	1042	138.0	85.0	54.0	2.0	375.5	300.0	60.0	125.0	0.15	0.2	695
32S/13E-33F01 M	640619	7.6	1370	934	90.0	113.0	55.0	3.0	471.8	288.0	53.0	46.0	0.17	0.2	690
32S/13E-33G01 M	640604	7.5	1761	1385	226.0	105.0	69.0	3.0	534.0	498.0	100.0	50.0	0.09	0.8	997
32S/13E-33K01 M	640604	7.4	1931	1599	240.0	126.0	74.0	3.0	587.7	540.0	110.0	71.0	0.08	0.8	1118
32S/13E-33K03 M	640604	7.9	1867	1524	229.0	116.0	74.0	2.0	566.9	510.0	105.0	62.0	0.08	0.9	1049
32S/13E-33K03 M	711022	8.2	2201	1693	253.0	133.0	79.0	1.8	491.3	606.0	126.0	160.0	0.09	0.6	1178
32S/13E-33M02 M	640618	8.1	1730	1444	208.0	117.0	67.0	2.0	562.1	481.0	74.0	93.0	0.10	0.6	1001
32S/13E-33M02 M	660718	8.0	1914	1411	212.0	105.0	61.0	2.0	423.1	501.0	85.0	138.0	0.08	0.8	962
32S/13E-33M02 M	670605	8.0	1713	1329	221.0	108.0	56.0	1.0	516.9	433.0	89.0	130.0	0.06	0.8	996
32S/13E-33M02 M	710602	8.2	1798		214.0	44.0	55.0	1.9	195.1	424.0	72.0	160.0	0.01	0.6	715
Los Berros Creek															
12N/35W-27N03 S	771006	8.1	1231	741	107.0	61.0	58.0	3.0	371.9	167.0	93.0	37.8	0.04	0.5	518

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
12N/35W-28J02 S	771014	6.6	1015	649	72.0	29.0	58.0	2.3	19.5	60.0	101.0	243.0	0.01	0.1	299
12N/35W-28J02 S	871105	7.3	662	570	54.0	21.0	50.0	2.6	36.6	94.0	62.0	153.0	0.10	0.2	221
12N/35W-28J06 S	771014	7.0	516	309	30.0	13.0	39.0	1.7	48.8	23.0	41.0	113.0	0.00	0.2	129
12N/35W-28L01 S	671030	7.0	319	234	12.0	9.0	33.0	2.0	15.8	4.0	26.0	102.5	0.00	0.1	67
12N/35W-34C03 S	711021	8.1	1176	752	101.0	64.0	59.0	3.5	380.4	167.0	103.0	16.7	0.04	0.4	515
12N/35W-34C03 S	731016	8.4	1234	789	98.0	66.0	59.0	3.9	385.3	161.0	102.0	25.0	0.00	0.4	517
12N/35W-34G04 S	640624	7.6	1160	730	104.0	55.0	55.0	3.0	376.7	183.0	74.0	18.0	0.08	0.2	486
12N/35W-35E03 S	640624	7.4	1100	716	94.0	59.0	57.0	3.0	365.8	197.0	71.0	5.0	0.10	0.2	477
12N/35W-35J01 S	620823	7.1	350	268	12.0	5.0	50.0	3.0	61.0	9.0	72.0	0.0	0.05	0.6	51
32S/13E-34G01 M	620823	7.1	1975	1706	240.0	120.0	71.0	1.0	365.8	730.0	144.0	0.0	0.14	0.6	1093
32S/13E-34G02 M	640624	7.4	1650	1044	121.0	77.0	162.0	2.0	352.4	403.0	167.0	25.0	0.18	0.4	619
32S/13E-34Q01 M	671030	7.7	841		38.0	20.0	89.0	1.0	56.1	22.0	106.0	195.0	0.16	0.1	177
Nipomo Mesa															
11N/34W-17N03 S	640717	7.1	220	168	13.0	2.0	32.0	1.0	51.2	7.0	35.0	15.0	0.00	0.1	41
11N/34W-18D01 S	620821	7.0	221	160	10.0	3.0	29.0	1.0	41.5	3.0	42.0	6.0	0.01	0.1	38
11N/34W-18H03 S	620821	7.4	937	590	70.0	35.0	90.0	4.0	321.9	125.0	89.0	0.5	0.08	0.3	319
11N/34W-18P01 S	711026	8.1	869	535	62.0	34.0	79.0	3.3	279.2	120.0	87.0	0.0	0.03	0.1	294
11N/34W-18P02 S	710323	7.5	778	444	53.0	24.0	73.0	5.0	237.7	88.0	75.0	0.0	0.04	0.1	232
11N/34W-18P02 S	710920	8.0	879	547	59.0	31.0	78.0	2.7	257.3	115.0	83.0	1.0	0.05	0.2	277
11N/34W-19E01 S	850703	7.5	1100	826	106.4	41.6	66.5	2.7	197.5	317.6	49.3	43.4		0.4	430
11N/34W-19E01 S	870902	7.5		730	138.4	15.5	57.6	4.2	180.5	276.4	39.0	36.8		0.3	409
11N/34W-19E01 S	900122	7.5	1120	661	115.7	36.3	55.4	2.9	232.3	252.6	44.6	45.2		0.8	438
11N/34W-19E01 S	930118	7.7	650	357	53.8	20.8	44.5	1.8	151.3	107.2	52.1	14.4		0.2	220
11N/34W-19E01 S	931018	7.7	850	526	74.5	33.5	57.1	2.2	170.8	202.5	45.5	26.6		0.5	324
11N/34W-19E01 S	960124	7.8	910	571	88.1	34.1	61.1	2.6	194.2	209.6	52.6	30.3		0.3	360
11N/34W-19E01 S	990113	7.4	1080	693	119.0	33.0	59.2	3.0	227.0	279.0	59.6	25.9		0.4	437
11N/34W-19F01 S	620821	7.5	1005	720	97.0	43.0	63.0	3.0	212.1	278.0	62.0	6.0	0.10	0.5	419
11N/34W-19L02 S	660619	7.4	754	462	45.0	26.0	70.0		221.9	82.0	83.0			0.1	217
11N/34W-19L02 S	750610	7.3	960	543	74.0	22.9	76.0	4.8	257.3	105.0	86.0	0.1		0.4	278
11N/34W-19L02 S	781016	7.5	950		65.0	32.0	85.0	4.1	278.0	122.0	88.0	1.0		<0.1	292
11N/34W-19L03 S	670805		714	404	46.0	16.0	69.0		181.7	81.0	77.0	1.2		0.1	181
11N/34W-19L03 S	670909	7.4	634	417	41.0	20.0	61.0		168.3	68.0	81.0	4.0		0.1	181
11N/34W-19L03 S	750630	7.3	1030	565	77.0	30.4	76.0	4.8	263.4	130.0	95.0	0.4		0.2	318
11N/34W-19L03 S	781016	8.1	940		62.0	32.8	80.0	4.2	258.5	135.0	75.0	1.0		<0.1	287

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Appendix F

Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

Appendix F

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/34W-19L03 S	820127	7.3	950	558	76.0	27.7	71.7	5.0	248.7	122.0	105.0	1.0		0.1	305
11N/34W-19L03 S	850703	7.4	910	638	64.2	28.8	81.7	3.6	240.2	125.0	93.8	0.1		<0.1	295
11N/34W-19L03 S	870902	7.2	940	637	88.4	17.7	75.7	4.2	219.8	122.8	109.4	1.4		1.2	294
11N/34W-19L03 S	900122	7.3	960	566	84.3	26.0	74.3	3.5	284.0	110.3	90.5	1.0		<0.1	318
11N/34W-19L03 S	930117	7.2	910	506	76.9	25.8	70.4	2.9	234.2	134.1	97.7	2.4		0.1	298
11N/34W-19L03 S	931018	7.5	920	522	61.7	35.7	81.1	3.0	246.4	121.2	95.5	2.7		0.4	301
11N/34W-19L03 S	960124	7.7	1050	582	72.1	38.9	89.5	3.3	291.8	138.3	94.7	2.0		0.1	340
11N/34W-19L04 S	890814	7.9	970	592	81.9	22.5	82.5	3.9	280.6	114.3	98.0	<1.0		0.2	342
11N/34W-19L04 S	960222	7.6	950	547	83.1	30.1	65.0	3.8	279.6	130.0	97.0	2.0		0.2	336
11N/34W-19L04 S	990113	7.4	940	543	83.6	30.0	66.1	3.1	269.0	132.0	95.9	2.0		0.1	315
11N/34W-19Q01 S	580917	8.6	1025	743	100.0	45.0	58.0	3.0	201.2	291.0	64.0	8.9	0.06	0.2	435
11N/34W-19Q01 S	590421	8.0	1051	755	98.0	45.0	64.0	3.0	212.1	284.0	66.0	3.0	0.81	0.3	430
11N/34W-19Q01 S	590911	7.6	1085	770	99.0	45.0	64.0	3.0	214.6	282.0	66.0	6.0	0.18	0.3	432
11N/34W-19Q01 S	600408	8.0	1082	770	98.0	47.0	62.0	3.0	214.6	289.0	68.0	6.0	0.12	0.4	438
11N/34W-19Q01 S	601013	8.3	925	630	89.0	36.0	56.0	2.0	202.4	220.0	67.0	6.8	0.08	0.5	370
11N/34W-19Q01 S	611005	7.6	755		74.0	26.0	51.0	2.0	185.3	148.0	65.0	6.0	0.14	0.3	292
11N/34W-19Q01 S	620920	8.1	780	584	72.0	33.0	52.0	3.0	195.1	176.0	64.0	4.0	0.13	0.2	315
11N/34W-20E03 S	710521	7.9	781	473	52.0	28.0	66.0	3.0	231.7	95.0	71.0	0.0	0.05	0.1	245
11N/34W-20J01 S	620822	7.4	1350	900	94.0	62.0	122.0	3.0	392.6	232.0	137.0	1.0	0.06	0.4	490
11N/35W-01N01 S	620711	6.9	310	190	13.0	5.0	39.0	1.0	58.5	0.0	61.0	8.0	0.05	0.1	53
11N/35W-02F01 S	761001	7.2	288	161	15.0	4.0	34.0	1.6	59.7	8.0	45.0	8.0	0.03	0.2	53
11N/35W-02F01 S	771014	7.2	264	147	9.0	4.0	35.0	1.0	47.5	7.0	42.0	9.3	0.00	0.1	38
11N/35W-02N01 S	931109	7.6	720	420	58.5	22.8	50.8	2.3	129.3	167.2	48.8	5.8		0.3	240
11N/35W-02N01 S	931214	7.0	250	142	9.0	5.2	34.8	1.5	42.5	10.6	48.3	12.1		<1.0	44
11N/35W-03C01 S	620801	6.8	250	154	8.0	2.0	35.0	2.0	34.1	3.0	52.0	6.0	0.02	0.1	28
11N/35W-03C01 S	771014	7.3	364	182	7.0	4.0	50.0	1.0	47.5	6.0	65.0	13.5	0.00	0.1	32
11N/35W-04E01 S	971205	7.3	405	235	19.1	8.9	52.0	2.8	93.1	20.0	56.2	29.7		0.1	84
11N/35W-04E02 S	980108	7.6	470	262	37.5	7.8	45.0	3.4	119.0	32.3	62.9	14.7		0.1	126
11N/35W-05A01 S	980109	7.1	330	179	15.1	4.3	41.0	3.0	42.9	9.9	59.8	24.4		0.1	55
11N/35W-05B01 S	930317	6.7	360	210	7.0	5.0	52.0	1.0	40.0	9.0	64.0	29.0		0.2	10
11N/35W-05B01 S	960331	7.0	330	250	9.7	5.3	54.0		43.0	13.0	60.0	23.0		0.1	46
11N/35W-05B02 S	930317	6.8	380	230	8.0	5.0	53.0	2.0	50.0	13.0	65.0	29.0		<0.3	20
11N/35W-05B02 S	960331	7.2	350	260	12.0	6.2	58.0		43.0	18.0	67.0	18.0		0.2	55
11N/35W-05D06 S	671101	7.1	485	264	3.0	7.0	82.0	1.0	56.1	9.0	101.0	28.0	0.05	0.3	37
11N/35W-05F01 S	910918	6.8	760	458	55.0	22.0	45.0	2.0	129.0	135.0	56.0	13.5		0.2	228

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/35W-05F01 S	941205	6.2	420	340	18.6	10.7	63.0	1.8	49.0	33.0	68.5			0.1	
11N/35W-05F01 S	980317	6.9	400	350	20.0	12.0	64.0	1.9	50.0	33.0	72.0	82.0		0.0	99
11N/35W-05G02 S	771020	7.0	494	252	13.0	8.0	64.0	1.1	45.1	12.0	70.0	69.8	0.09	0.2	66
11N/35W-05G02 S	811019	7.4	398	303	8.0	7.0	58.0	1.2	41.5	8.0	66.0	47.2	0.00	0.2	49
11N/35W-05G02 S	871105	7.5	327	197	6.0	4.0	62.0	1.3	56.1	6.0	62.0	33.0	0.10	0.2	32
11N/35W-05H01 S	980106	7.1	335	191	12.3	7.2	45.7	1.1	45.8	9.6	63.9	28.3		0.1	60
11N/35W-05J01 S	871105	8.0	1170	764	63.0	68.0	96.0	2.7	275.5	187.0	145.0	33.0	0.10	0.6	436
11N/35W-05L01 S	621019	7.4	690	570	64.0	24.0	48.0	3.0	168.3	148.0	48.0	6.0	0.12	0.2	258
11N/35W-05L01 S	630927	8.1	704	475	59.0	27.0	52.0	3.0	165.8	159.0	49.0	5.0	0.08	0.3	258
11N/35W-05L01 S	641015	7.8	711	485	60.0	28.0	47.0	3.0	157.3	158.0	53.0	6.7	0.03	0.2	265
11N/35W-05L01 S	651011	8.0	700	430	57.0	27.0	50.0	3.0	151.2	156.0	52.0	6.0	0.06	0.3	253
11N/35W-05L01 S	691008	7.6	690	396	55.0	26.0	43.0	2.0	139.0	150.0	51.0	7.0	0.06	0.3	245
11N/35W-05L01 S	701019	8.1	692	480	56.0	25.0	50.0	3.0	140.2	147.0	51.0	8.0	0.06	0.2	243
11N/35W-05L01 S	711026	7.9	670	440	56.0	26.0	48.0	2.6	145.1	153.0	50.0	7.0	0.06	0.1	247
11N/35W-05L01 S	741104	7.3	752	441	53.0	26.0	48.0	2.8	143.9	150.0	48.0	7.2	0.03	0.2	239
11N/35W-05L01 S	771020	8.3	718	447	57.0	24.0	48.0	2.1	147.5	146.0	48.0	7.1	0.05	0.3	241
11N/35W-05L01 S	791102	7.8	672	433	55.0	23.0	48.0	2.9	145.1	144.0	48.0	7.7	0.10	0.4	232
11N/35W-05L01 S	850419	8.2	650	459	53.0	23.0	46.0	2.8	148.7	136.0	48.0	0.9	0.10	0.3	226
11N/35W-05L02 S	671101	7.0	363	222	5.0	5.0	56.0	1.0	40.2	12.0	69.0	12.0	0.03	0.2	33
11N/35W-05N01 S	611106	7.1	315	220	9.0	6.0	42.0	1.0	36.6	5.0	50.0	48.0	0.04	0.2	47
11N/35W-05N01 S	620712	6.9	475	270	9.0	7.0	69.0	2.0	52.4	16.0	86.0	28.0	0.10	0.2	52
11N/35W-05N02 S	750315	8.0	1070	809	112.0	42.0	65.0	3.5	214.6	349.0	38.0	3.1	0.13	0.4	454
11N/35W-05R01 S	771020	7.2	306	174	13.0	5.0	35.0	1.6	73.2	5.0	48.0	3.3	0.00	0.1	53
11N/35W-06B01 S	970129			240	14.0	7.1	63.0	5.0	60.0	30.0	58.0	13.0			
11N/35W-06B01 S	971216	7.4	590	400	52.0	20.0	53.0	2.2	120.0	120.0	56.0	24.0		0.0	210
11N/35W-06H01 S	620712	6.9	475	302	9.0	8.0	70.0	4.0	50.0	22.0	86.0	27.0	0.10	0.1	56
11N/35W-07A01 S	531029	7.8	1070		121.0	46.0	62.0	4.0	223.1	360.0	46.0	1.9	0.32	0.2	491
11N/35W-07A01 S	540405	7.5			122.0	43.0	60.0		228.0	355.0	39.0				482
11N/35W-07A01 S	611106	7.7	1148	860	124.0	50.0	64.0	3.0	231.7	386.0	41.0	2.0	0.14	0.4	515
11N/35W-07A01 S	620712	7.5	1180	808	110.0	46.0	62.0	4.0	221.9	360.0	41.0	0.0	0.20	0.2	464
11N/35W-07R01 S	640618	7.5	1241	986	138.0	50.0	66.0	3.0	231.7	421.0	46.0	2.3	0.15	0.5	550
11N/35W-07R01 S	651008	8.0	1178	880	125.0	49.0	70.0	4.0	178.0	443.0	43.0	2.8	0.18	0.4	514
11N/35W-07R01 S	741107	7.9	1359	1005	138.0	60.0	76.0	3.4	234.1	477.0	43.0	2.4	0.17	0.5	591
11N/35W-09C S	960304	6.8	390	240	14.0	7.3	48.0		61.0	30.0	56.0	18.0		nd	65
11N/35W-09G01 S	651013	7.8	626	381	42.0	24.0	45.0	2.0	139.0	107.0	56.0	4.0	0.06	0.2	204

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

□ Appendix F

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/35W-09J02 S	921027	6.5	300	200	7.0	4.0	38.0	<3.0	41.0	7.0	50.0	9.3		<0.1	30
11N/35W-09J02 S	940510	7.2	460	340	18.0	9.0	56.0	3.0	63.0	47.0	71.0	20.0		0.1	82
11N/35W-09J02 S	960228	7.0	620	410	44.0	20.0	49.0	3.0	140.0	110.0	54.0	11.0	0.10	0.1	190
11N/35W-09J02 S	990223	7.0	1000	730	92.0	42.0	57.0	3.0	200.0	260.0	49.0	4.8	0.20	0.1	400
11N/35W-09K01 S	620712	6.9	300	206	13.0	6.0	38.0	2.0	62.2	6.0	53.0	6.0	0.05	0.2	57
11N/35W-09K02 S	761005	7.4	308	186	15.0	5.0	35.0	2.3	52.4	4.0	57.0	8.7	0.02	0.1	57
11N/35W-09K02 S	771020	7.6	317	159	12.0	5.0	35.0	2.0	56.1	5.0	54.0	9.3	0.01	0.0	51
11N/35W-09K02 S	771020	7.4	303	182	12.0	5.0	35.0	1.7	52.4	4.0	52.0	10.1	0.02	0.1	51
11N/35W-09K02 S	871105	7.3	311	210	16.0	8.0	33.0	2.2	59.7	15.0	54.0	8.5	0.00	0.2	73
11N/35W-09K04 S	741107	6.9	316	126	10.0	7.0	34.0	2.3	53.6	7.0	52.0	9.2	0.00	0.1	54
11N/35W-09K04 S	761006	7.5	337	197	23.0	5.0	33.0	2.3	79.2	6.0	54.0	9.1	0.02	0.1	77
11N/35W-09K04 S	811019	7.3	290	208	10.0	7.0	34.0	2.2	51.2	5.0	52.0	10.2	0.00	0.1	54
11N/35W-09K05 S	811120	7.3	250	175	11.0	5.4	35.0		40.2	10.0	48.0	22.0		0.1	80
11N/35W-09K05 S	920220	6.5	350	230	14.0	7.0	41.0	6.0	51.0	17.0	55.0	12.0		0.1	61
11N/35W-09K05 S	960228	6.4	320	220	15.0	7.0	37.0	3.0	77.0	18.0	52.0	12.0	0.10	0.1	63
11N/35W-09K05 S	990519	7.2	910	650	89.0	34.0	53.0	3.0	200.0	266.0	41.0	6.4	0.10	0.1	362
11N/35W-09P01 S	590727	6.6	286	213	11.0	5.0	34.0	2.0	42.7	4.0	53.0	8.0	0.16	0.0	48
11N/35W-09P01 S	620712	6.8	285	190	11.0	5.0	34.0	2.0	47.5	2.0	52.0	8.0	0.00	0.1	48
11N/35W-09P01 S	621011	7.2	265	206	16.0	4.0	35.0	4.0	58.5	11.0	48.0	7.0	0.05	0.2	57
11N/35W-09P01 S	630927	7.3	292	180	10.0	7.0	35.0	2.0	56.1	3.0	52.0	9.5	0.02	0.2	54
11N/35W-09P01 S	631206	7.0	250	179	14.0	3.0	36.0	2.0	47.5	15.0	48.0	4.4	0.05	0.1	48
11N/35W-09P01 S	641015	7.2	289	207	12.0	6.0	33.0	2.0	47.5	8.0	53.0	12.0	0.00	0.0	55
11N/35W-09P01 S	651011	7.8	293	206	12.0	5.0	34.0	2.0	48.8	11.0	50.0	11.0	0.01	0.1	51
11N/35W-09P01 S	701019	7.9	304	210	11.0	7.0	35.0	2.0	43.9	14.0	50.0	13.0	0.00	0.0	56
11N/35W-09P01 S	711026	7.2	290	171	11.0	6.0	35.0	2.1	46.3	11.0	50.0	12.0	0.00	0.0	54
11N/35W-09P01 S	850419	7.9	308	204	13.0	7.0	35.0	2.6	53.6	16.0	50.0	12.9	0.00	0.1	62
11N/35W-10G03 S	860429	8.3	824	522	53.0	29.2	77.0		217.0	105.0	82.5	2.6		0.3	252
11N/35W-10G03 S	870618	7.9	734	554	53.0	26.0	53.0		146.3	153.0	47.6				238
11N/35W-10G03 S	880812	7.5	781	487	52.7	28.3	78.0		263.4	92.0	77.8				248
11N/35W-10G03 S	890503	8.0	930	568	55.0	32.0	96.0		306.0	108.0	94.0	1.8			270
11N/35W-10G03 S	891106	8.0	957	610	58.0	36.0	100.0		320.7	104.0	84.0	0.4			293
11N/35W-10G04 S	870618	7.9	734	554	53.0	26.0	53.0		120.0	153.0	47.6				238
11N/35W-10G04 S	880812	7.1	698	474	57.0	29.0	60.0		174.3	167.0	48.0				261
11N/35W-10G04 S	890503	7.4	700	475	50.0	26.0	60.0		150.0	150.0	51.0	6.2			231
11N/35W-10G04 S	891106	7.5	530	352	31.0	19.0	54.0		75.0	106.0	52.0	1.7			158

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/35W-10G04 S	900524	7.3	639	470	55.0	28.0	54.0		139.0	167.0	50.0	5.3			251
11N/35W-10G04 S	901107	7.6	646	490	57.0	28.0	45.0		162.2	155.0	44.0	5.3			259
11N/35W-10G04 S	910805	7.0	549	492	55.0	29.0	50.5		163.4	170.0	41.0	6.1			256
11N/35W-10G04 S	920806	6.9	637	468	48.0	23.0	51.9	2.0	122.0	177.0	47.0	6.6			214
11N/35W-10G04 S	970416	6.2	560	420	37.0	18.0	47.0	3.0	90.0	100.0	45.0	9.5	0.10	0.1	170
11N/35W-10G04 S	000712	6.7	417	260	18.0	9.0	43.0	3.0	60.0	40.0	65.0	11.8	0.10	0.1	82
11N/35W-10G05 S	890627	6.0	720	480	33.0	29.0	58.0	<3.0	130.0	170.0	42.0	4.0		0.0	290
11N/35W-10G05 S	890628	6.0	550	420	33.0	16.0	50.0	3.0	120.0	100.0	100.0	6.0		0.0	180
11N/35W-10G05 S	900524	7.2	401	264	21.0	11.0	48.0		95.1	70.0	46.0	8.0			99
11N/35W-10G05 S	910805	7.0	288	248	18.0	11.0	38.8		72.1	45.0	41.0	11.2			91
11N/35W-10G05 S	920806	6.7	364	282	22.0	9.0	41.4	2.0	68.3	58.0	49.0	8.4			94
11N/35W-10G05 S	970416	6.6	770	580	66.0	32.0	53.0	3.0	180.0	190.0	50.0	5.8	0.10	0.1	290
11N/35W-10G05 S	000419	7.1	853	600	66.0	31.0	56.0	3.0	170.0	212.0	55.0	5.5	0.10	0.1	292
11N/35W-10G05 S	000720	6.6	829	550	64.0	31.0	53.0	3.0	170.0	194.0	52.0	5.3	0.10	0.2	287
11N/35W-10J01 S	840905	7.4	730	433	46.0	25.0	51.0	4.0	128.0	139.0	49.0	1.0		0.3	220
11N/35W-10J02 S	920220	7.1	800	510	60.0	34.0	70.0	7.0	210.0	24.0	68.0	22.0		<0.1	270
11N/35W-10J02 S	960226	7.2	790	520	54.0	28.0	65.0	3.0	220.0	130.0	79.0	3.7	0.10	0.1	250
11N/35W-10J02 S	990223	7.0	810	510	58.0	29.0	67.0	3.0	210.0	130.0	69.0	3.3	0.20	0.1	260
11N/35W-10M01 S	620821	6.9	270	160	9.0	4.0	39.0	2.0	51.2	3.0	53.0	5.0	0.02	0.1	39
11N/35W-10M01 S	640618	7.3	280	180	9.0	4.0	36.0	2.0	52.4	2.0	51.0	6.5	0.00	0.1	39
11N/35W-10R01 S	620822	7.0	229	150	7.0	2.0	35.0	2.0	31.7	4.0	48.0	7.0	0.01	0.1	26
11N/35W-10R01 S	640618	7.9	236	168	7.0	3.0	32.0	1.0	30.5	5.0	47.0	7.5	0.00	0.0	30
11N/35W-10R01 S	731012	6.6	241	161	5.0	3.0	32.0	1.6	24.4	8.0	44.0	8.2	0.00	0.0	25
11N/35W-10R01 S	741108	7.2	232	153	5.0	3.0	32.0	2.0	21.9	6.0	45.0	8.8	0.00	0.3	22
11N/35W-10R01 S	811021	7.0	198	172	6.0	3.0	33.0	2.3	29.3	4.0	47.0	7.8	0.00	0.1	28
11N/35W-10R02 S	741108	7.5	350	232	15.0	10.0	34.0	2.0	51.2	36.0	46.0	17.0	0.00	0.3	78
11N/35W-11B01 S	620801	6.9	243	156	11.0	2.0	30.0	1.0	43.9	2.0	46.0	3.0	0.00	0.1	36
11N/35W-11C01 S	761006	8.0	792	471	54.0	25.0	70.0	3.1	225.6	74.0	96.0	1.8	0.07	0.3	238
11N/35W-11C01 S	771021	8.3	850	469	57.0	28.0	74.0	2.4	228.0	72.0	108.0	3.0	0.03	0.2	257
11N/35W-11J01 S	620801	6.8	240	164	9.0	4.0	31.0	1.0	47.5	4.0	46.0	4.0	0.00	0.1	39
11N/35W-11J01 S	640618	6.8	254	192	9.0	5.0	30.0	1.0	36.6	5.0	48.0	6.5	0.00	0.1	43
11N/35W-11J01 S	731012	6.5	233	188	11.0	3.0	30.0	1.2	36.6	4.0	49.0	9.3	0.00	0.2	39
11N/35W-11J01 S	761006	7.5	247	150	9.0	4.0	30.0	1.2	34.1	6.0	48.0	6.2	0.02	0.3	38
11N/35W-11J01 S	771021	7.6	261	157	10.0	3.0	33.0	1.0	36.6	7.0	47.0	7.4	0.02	0.3	38
11N/35W-11J01 S	791105	7.3	244	174	10.0	4.0	31.0	1.3	36.6	6.0	48.0	6.6	0.00	0.4	42

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Appendix F

Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/35W-11J01 S	811021	7.3	262	183	8.0	5.0	30.0	1.1	36.6	4.0	47.0	5.9	0.00	0.3	40
11N/35W-11J01 S	871016	8.2	878	750	89.0	47.0	52.0	2.8	179.2	302.0	43.0	4.4	0.10	0.4	415
11N/35W-11J02 S	811120	8.2	900	630	59.0	32.0	85.0		200.0	140.0	92.0	13.0		0.1	320
11N/35W-11J03 S	881004	7.5	500	320	32.0	15.0	49.0	4.0	121.9	47.0	71.0	5.8		<0.1	130
11N/35W-11J03 S	920220	7.5	800	480	44.0	28.0	65.0	4.0	220.0	84.0	91.0	3.9		<0.1	240
11N/35W-11J03 S	960226	7.3	730	460	44.0	24.0	65.0	3.0	230.0	81.0	89.0	6.9	0.10	0.1	210
11N/35W-11J03 S	990223	7.3	630	390	37.0	20.0	62.0	3.0	170.0	48.0	73.0	7.2	0.00	0.0	170
11N/35W-12E01 S	531029	7.3	236	173	6.0	7.0	32.0	1.0	52.4	6.0	44.0	3.0	0.00	0.3	44
11N/35W-12E01 S	601006	7.0	256		10.0	6.0	27.0	1.0	48.8	7.0	46.0	1.6	0.00	0.2	50
11N/35W-12E01 S	611117	7.6	236	170	8.0	6.0	28.0	1.0	42.7	5.0	46.0	4.3	0.01	0.3	45
11N/35W-12E01 S	620711	6.8	313	190	15.0	6.0	35.0	2.0	63.4	7.0	54.0	1.0	0.02	0.1	62
11N/35W-12E01 S	621010	7.1	257	158	11.0	4.0	29.0	1.0	48.8	4.0	46.0	4.2	0.00	0.5	44
11N/35W-12E01 S	630927	7.1	339	242	21.0	6.0	39.0	2.0	73.2	11.0	60.0	3.1	0.14	0.2	77
11N/35W-12E01 S	631206	7.1	230	166	11.0	4.0	32.0	1.0	52.4	7.0	44.0	0.9	0.03	0.2	44
11N/35W-12E01 S	640618	6.9	447	295	27.0	10.0	42.0	2.0	82.9	17.0	82.0	2.0	0.06	0.3	109
11N/35W-12E01 S	651008	8.2	528	290	37.0	13.0	48.0	2.0	126.8	30.0	84.0	2.2	0.05	0.2	146
11N/35W-12E02 S	731012	7.8	706	474	51.0	25.0	65.0	2.7	224.3	59.0	95.0	0.1	0.00	0.0	228
11N/35W-12E02 S	761006	8.0	881	540	65.0	30.0	68.0	3.1	231.7	75.0	124.0	1.3	0.06	0.3	285
11N/35W-12E02 S	791105	7.1	295	188	8.0	4.0	42.0	1.4	39.0	4.0	52.0	27.0	0.00	0.3	36
11N/35W-12F01 S	791031	7.6	220	85	7.0	4.0	33.0	1.3	35.4	4.0	49.0	6.6	0.00	0.2	34
11N/35W-13C01 S	620802	6.8	260	170	10.0	6.0	31.0	2.0	48.8	2.0	42.0	19.0	0.02	0.1	50
11N/35W-13C01 S	761006	7.5	343	214	19.0	6.0	35.0	1.6	64.6	13.0	47.0	23.0	0.01	0.3	72
11N/35W-13C01 S	811021	8.0	589	362	36.0	18.0	51.0	2.2	160.9	48.0	58.0	12.2	0.00	0.3	164
11N/35W-13D01 S	620711	7.6	1145	752	81.0	47.0	96.0	4.0	347.5	171.0	111.0	0.0	0.10	0.1	396
11N/35W-13D01 S	640618	7.5	1143	724	77.0	50.0	91.0	3.0	321.9	174.0	106.0	1.5	0.00	0.1	398
11N/35W-13F01 S	920220	7.6	700	410	41.0	22.0	58.0	3.0	207.3	72.0	74.0	7.1		<0.1	210
11N/35W-13F01 S	960226	7.5	750	450	48.0	25.0	67.0	3.0	260.0	91.0	81.0	3.7	0.10	0.1	220
11N/35W-13G01 S	771021	8.1	525	292	33.0	14.0	47.0	1.6	136.6	40.0	54.0	14.4	0.02	0.3	140
11N/35W-13K01 S	761006	8.0	827	503	54.0	34.0	68.0	2.3	251.2	106.0	81.0	0.0	0.04	0.2	275
11N/35W-13M02 S	891201	6.9	750	510	69.0	31.0	56.0	3.0	180.0	150.0	150.0	5.3	0.20	0.2	270
11N/35W-14E01 S	980327	7.0	960	680	84.0	39.0	58.0	3.0	210.0	260.0	51.0	6.3	0.10	0.1	370
11N/35W-14J01 S	891201	7.0	850	600	80.0	36.0	62.0	3.0	180.0	210.0	39.0	5.3	0.20	0.3	320
11N/35W-14Q01 S	620822	8.1	1344	1020	138.0	71.0	78.0	3.0	282.9	461.0	55.0	29.0	0.17	0.6	637
11N/35W-14Q01 S	640618	7.9	568	395	40.0	19.0	42.0	2.0	131.7	75.0	56.0	8.5	0.05	0.1	178
11N/35W-15D S	940806	7.7	1185	700	120.0	38.0	48.0	3.8	211.0	314.0	68.0	3.1	0.44		456

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/35W-15R S	940806	7.6	1060	616	115.0	29.0	41.0	4.0	173.0	286.0	56.0	12.4	0.38		408
11N/35W-16J S	931216	6.9	610	442	54.0	21.0	43.0	2.0	95.0	140.0	42.0	16.0	<0.1		220
11N/35W-17D01 S	611106	7.6	1300	1025	150.0	56.0	67.0	4.0	239.0	471.0	45.0	3.5	0.16	0.6	605
11N/35W-17D01 S	620712	7.7	1270	980	139.0	57.0	64.0	3.0	235.3	460.0	45.0	2.0	0.20	0.2	582
11N/35W-22D01 S	620821	7.4	776	545	88.0	21.0	52.0	3.0	143.9	240.0	38.0	1.0	0.02	0.3	306
11N/35W-22M S	940806	7.2	1425	840	150.0	43.0	53.0	3.7	221.0	429.0	58.0	4.0	0.75		552
11N/35W-24A01 S	891030	7.2	1130	667	91.3	34.1	85.4	3.0	304.5	156.8	105.6	3.6		0.9	368
11N/35W-24A01 S	930118	7.6	1090	599	79.9	38.5	81.5	2.8	269.4	172.4	110.6	3.2		0.1	
11N/35W-24A01 S	931019	7.6	1000	574	64.1	38.9	87.3	2.6	280.6	136.4	102.2	3.9		0.4	320
11N/35W-24A01 S	960124	7.7	870	525	64.1	28.0	84.1	2.7	241.6	129.6	88.6	9.1		0.1	275
11N/35W-24A01 S	990113	7.5	915	528	78.3	19.2	85.0	2.1	243.0	122.0	95.7	6.3		0.1	274
11N/35W-24D01 S	620821	7.9	191	130	4.0	3.0	29.0	1.0	31.7	2.0	39.0	6.5	0.01	0.1	23
11N/35W-24J01 S	800701	7.8	800		53.0	28.0	67.0	1.6	209.7	116.0	75.0	1.0		0.2	250
11N/35W-24J01 S	820503	7.4	710	414	49.7	17.0	70.8	3.8	190.2	77.0	81.0	2.0		0.2	196
11N/35W-24J01 S	850703	5.7	990	725	83.3	38.5	69.2	2.6	217.0	241.0	67.0	4.5		0.2	388
11N/35W-24J01 S	870715	8.0	1120	710	132.0	25.5	58.0	2.5	217.0	303.0	46.8	7.9		0.4	434
11N/35W-24J01 S	870902	7.6		756	138.7	19.7	61.2	4.7	211.9	288.8	57.2	8.9		0.8	428
11N/35W-24J01 S	900122	7.5	1100	649	113.7	34.4	58.6	2.7	274.3	235.6	52.1	11.9		0.7	426
11N/35W-24J01 S	930117	7.6	930	558	92.1	31.6	52.8	2.3	190.3	212.6	67.3	21.2		0.3	360
11N/35W-24J01 S	931019	7.7	1060	696	107.3	40.3	65.6	2.6	226.9	298.1	50.1	19.3		0.7	434
11N/35W-24J01 S	960124	7.8	1010	616	92.9	38.4	64.6	2.6	207.4	244.8	48.7	24.2		0.2	390
11N/35W-24J01 S	990519	7.4	1120	745	119.0	43.1	59.2	2.9	208.0	361.0	48.0	9.2		0.3	414
11N/35W-24J01 S	990526	7.4	1100	698	124.0	29.0	65.0	2.6	223.0	312.0	47.9	8.1		0.2	428
11N/35W-24L01 S	850703	7.5	210	132	5.9	2.2	33.5	1.3	23.2	4.7	33.4	26.9		0.1	28
11N/35W-24L01 S	880628	6.7	200	118	7.2	2.2	30.9	1.5	24.1	3.6	30.9	28.5		<0.1	24
11N/35W-24L01 S	900129	7.3	320	182	22.9	7.1	33.7	1.7	52.2	53.0	34.8	26.6		<0.1	86
11N/35W-24L01 S	930118	7.2	210	122	7.5	1.3	32.0	1.2	22.9	7.4	31.8	31.2		0.1	24
11N/35W-24L01 S	930222	7.2	240	144	8.7	10.8	29.7	1.1	73.2	3.3	29.5	30.9		0.1	66
11N/35W-24L01 S	931018	7.2	190	123	7.7	1.9	32.6	1.2	40.5	4.7	27.5	27.0		<0.1	27
11N/35W-24L01 S	960124	7.5	220	131	7.5	3.2	34.0	1.5	39.0	3.8	28.9	35.9		0.1	32
11N/35W-24L01 S	990113	7.1	220	139	12.3	7.5	23.9	1.0	49.2	6.8	29.5	33.4		0.1	62
11N/35W-24L02 S	870716	7.3	160		10.4	1.1	23.7	1.1	22.8	2.4	28.5	28.1		0.1	30
11N/35W-24L02 S	870902	7.1	420	300	43.4	7.9	33.7	2.0	67.1	96.9	30.3	21.5		0.1	143
11N/35W-24L02 S	881012	6.8	210	124	10.1	3.9	28.2	3.0	70.1	<1.0	31.3	<1.0		<0.1	41
11N/35W-24L02 S	900122	7.2	430	254	32.2	16.7	31.9	1.6	98.6	67.4	31.7	23.1		<0.1	149

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Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/35W-24L02 S	930117	7.1	260	174	14.4	3.4	40.7	1.1	28.3	22.6	51.7	28.3		0.2	50
11N/35W-24L02 S	930301	6.7	210	113	9.6	2.9	25.8	1.1	23.4	6.1	31.9	25.7		0.1	36
11N/35W-24L02 S	930420	6.8	240	138	10.9	3.1	32.5	1.4	32.2	16.2	30.8	27.4		<0.1	40
11N/35W-24L02 S	931019	7.4	390	219	27.2	9.7	35.3	1.4	92.2	52.4	26.1	21.7		<0.1	108
11N/35W-24L02 S	960124	7.6	310	188	18.1	7.1	34.2	1.4	58.6	37.0	32.2	31.5		0.1	74
11N/35W-24L02 S	990113	7.3	605	371	60.4	20.0	34.2	1.7	84.8	155.0	35.5	22.2		0.1	203
11N/35W-24L03 S	910801	7.5	520	298	43.9	11.3	38.3	1.6	85.4	106.6	34.4	26.6		<0.1	156
11N/35W-24L03 S	931019	7.6	910	587	94.4	31.8	54.9	2.3	158.1	278.6	33.9	12.8		0.6	366
11N/35W-24L03 S	960124	7.6	780	508	76.9	27.2	57.7	2.4	146.4	212.6	36.7	26.1		0.2	304
11N/35W-24L03 S	990609	7.6	1000	636	116.0	31.5	52.4	2.6	183.0	296.0	39.2	14.2		0.1	390
11N/36W-12C01 S	760108	7.7	1194	925	130.0	47.0	74.0	3.6	209.7	438.0	39.0	1.5	0.16	0.4	518
11N/36W-12C01 S	760608	8.0	1209	920	139.0	47.0	72.0	3.5	219.5	439.0	40.0	1.4	0.14	0.7	540
11N/36W-12C01 S	960326	8.6	1260	962	136.0	49.0	70.0	4.7	207.3	474.0	38.4	1.8	0.25		
11N/36W-12C02 S	760108	7.8	1376	1043	141.0	60.0	88.0	4.2	251.2	505.0	45.0	2.7	0.17	0.6	599
11N/36W-12C02 S	760608	7.7	1258	1015	129.0	52.0	90.0	4.6	184.1	488.0	48.0	1.4	0.16	0.5	536
11N/36W-12C02 S	960326	8.1	1451	1090	150.0	52.1	80.0	5.2	246.3	552.0	46.2	1.2	0.27		
11N/36W-12C03 S	760108	10.9		357	46.0	1.0	82.0	3.4	143.9	81.0	54.0	29.0	0.00	0.9	119
11N/36W-12C03 S	760608	7.8	1170	813	89.0	43.0	98.0	5.9	292.6	235.0	94.0	0.4	0.24	0.4	399
11N/36W-12C03 S	960326	8.1	1230	790	96.6	50.8	92.0	6.0	317.0	246.0	91.0	<0.2	0.32		
12N/35W-29R01 S	620821	7.0	236	155	7.0	3.0	35.0	1.0	31.7	4.0	25.0	49.0	0.02	0.1	30
12N/35W-29R01 S	640414	6.2	205	174	8.0	2.0	36.0	1.0	36.6	4.0	23.0	46.0	0.07	0.2	28
12N/35W-29R01 S	640618	7.4	240	177	8.0	2.0	34.0	1.0	28.0	3.0	27.0	52.0	0.13	0.1	28
12N/35W-29R03 S	691008	7.7	252	117	7.0	3.0	37.0	0.0	50.0	8.0	26.0	34.0	0.04	0.2	30
12N/35W-29R03 S	711026	7.0	244	155	4.0	4.0	37.0	1.0	46.3	10.0	26.0	31.5	0.04	0.1	25
12N/35W-32F01 S	671102	7.8	796	487	55.0	31.0	68.0	3.0	225.6	106.0	81.0	13.0	0.08	0.3	265
12N/35W-32G S	960408	6.8	700	480	52.0	27.0	70.0		195.1	21.0	70.0	8.8		0.2	240
12N/35W-32P01 S	640619	7.6	370	210	13.0	4.0	65.0	2.0	63.4	11.0	76.0	20.0	0.15	0.2	49
12N/35W-32P01 S	671101	7.4	380	216	6.0	4.0	58.0	2.0	46.3	9.0	69.0	27.0	0.02	0.1	32
12N/35W-32Q S	950202	6.6	340	220	6.5	4.1	53.0	1.0	39.0	12.0	65.0	30.0		nd	33
12N/35W-32R02 S	930317	7.3	740	450	50.0	28.0	51.0	3.0	270.0	84.0	61.0	8.0		0.3	110
12N/35W-32R02 S	960414	7.4	640	460	53.0	28.0	53.0		180.0	60.0	64.0	9.7		0.2	250
12N/35W-32R04 S	910918	6.9	624	355	32.0	18.0	49.0	1.6	137.0	48.0	62.0	19.0		0.2	156
12N/35W-32R04 S	941205	6.6	530	380	45.0	25.0	50.0	2.2	150.0	65.0	63.0	13.0		0.1	
12N/35W-32R04 S	980317	7.3	360	290	18.0	11.0	55.0	1.8	90.0	28.0	59.0	25.0		0.0	88
12N/35W-33B02 S	671031	8.1	534	327	32.0	14.0	53.0	3.0	146.3	36.0		21.0	0.00	0.1	136

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
12N/35W-33J01 S	640618	7.1	244	206	8.0	5.0	28.0	2.0	29.3	3.0	46.0	17.0	0.04	0.0	41
12N/35W-33J01 S	671031	7.0	229	162	4.0	6.0	28.0	2.0	24.4	4.0	44.0	17.0	0.00	0.1	35
12N/35W-33J02 S	771014	8.1	937	558	81.0	46.0	42.0	2.1	291.4	137.0	58.0	29.2	0.03	0.4	391
12N/35W-33J02 S	811021	7.9	742	661	92.0	56.0	44.0	2.9	343.8	168.0	60.0	17.7	0.00	0.4	460
12N/35W-33J02 S	871105	8.2	843	579	61.0	56.0	45.0	2.9	251.2	175.0	64.0	15.3	0.10	0.4	382
12N/35W-33M01 S	871105	8.0	442	271	24.0	14.0	46.0	2.0	102.4	26.0	66.0	19.5	0.00	0.2	118
12N/35W-33Q02 S	761004	7.4	256	133	6.6	3.3	35.0	1.2	31.7	3.5	48.0	14.0	0.02	0.1	30
12N/35W-33R01 S	671103	7.3	293	181	9.0	7.0	36.0	2.0	50.0	9.0	51.0	14.0	0.00	0.1	52
12N/35W-34N01 S	620821	6.6	368	250	120.0	7.0	44.0	2.0	36.6	4.0	76.0	20.0	0.00	0.1	329
12N/35W-35P01 S	771014	6.9	227	132	7.0	2.8	31.0	0.9	35.4	4.1	41.0	5.9	0.03	0.1	29
12N/35W-35P01 S	871105	7.4	281	183	9.0	5.0	41.0	1.5	34.1	3.0	59.0	26.0	0.00	0.1	43
12N/36W-36L01 S	760608	7.9	1212	936	130.0	48.0	72.0	3.5	223.1	423.0	38.0	0.6	0.15	0.7	521
12N/36W-36L01 S	960326	7.8	1100	882	124.0	47.3	66.0	4.8	232.9	408.0	35.0	2.0	0.24		
12N/36W-36L02 S	760608	8.0	1301	820	94.0	44.0	118.0	6.6	392.6	184.0	126.0	0.0	0.36	0.5	414
12N/36W-36L02 S	960326	7.8	1290	772	85.8	35.8	130.0	8.7	390.1	148.0	127.0	<0.2	0.50		
Santa Maria Valley															
10N/35W-04C01 S	520425		1710		191.0	85.0	96.0	4.5	312.1	660.0	60.0				826
10N/35W-04C01 S	570405		1740		209.0	94.0	99.0	3.7	320.7		60.0				910
10N/35W-04C01 S	571121	7.5	1710	1350	175.0	88.0	84.0	4.0	201.2	709.0	66.0	7.4	0.17	0.0	799
10N/35W-04C01 S	580507	7.2	1824	1167	216.0	86.0	101.0	4.0	329.2	695.0	83.0	10.7	0.58	0.4	893
10N/35W-04C01 S	581119	7.8	1694	1472	206.0	91.0	96.0	5.0	309.7	709.0	68.0	12.0	0.16	0.8	889
10N/35W-04C01 S	590421	7.7	1684	1291	190.0	83.0	98.0	4.0	235.3	706.0	76.0	10.0	0.23	0.4	816
10N/35W-04C01 S	590911	7.3	1831	1385	212.0	89.0	91.0	4.0	320.7	687.0	74.0	11.0	0.20	0.7	896
10N/35W-04C01 S	620614	8.0	1770	1480	155.0	119.0	84.0	4.0	306.0	695.0	70.0	12.0	0.23	0.4	877
10N/35W-04C01 S	650709	7.9	1887	1581	221.0	97.0	99.0	4.0	348.7	721.0	74.0	19.0	0.21	0.6	951
10N/35W-04C01 S	651108	7.9	1776	1400	197.0	89.0	98.0	4.0	276.8	708.0	69.0	20.0	0.28	0.7	858
10N/35W-04C01 S	661019	8.3	1920	1460	245.0	54.0	99.0	4.0	297.5	691.0	72.0	16.0	0.20		834
10N/35W-04C01 S	670523	7.8	1746	1424	151.0	92.0	106.0	4.0	229.2	635.0	97.0	8.5	0.23	0.5	756
10N/35W-04C01 S	680503	8.3	1960	1600	224.0	95.0	109.0	4.0	345.0	752.0	73.0	17.0	0.20	0.4	950
10N/35W-04C01 S	680920	7.6	1886	1542	223.0	94.0	100.0	4.0	338.9	741.0	73.0	16.3	0.20	0.8	944
10N/35W-04C01 S	710913	7.8	1752	1420	191.0	90.0	93.0	2.7	290.2	674.0	87.0	19.5	0.20	0.6	845
10N/35W-04C01 S	720309	8.0	1670	1377	192.0	87.0	95.0	3.9	314.6	641.0	72.0	21.8	0.20	0.5	837
10N/35W-04C01 S	750515	8.1	1689	1350	146.0	81.0	108.0	3.9	156.1	662.0	91.0	20.0	0.22	0.6	735
10N/35W-04C01 S	771020		1780	1370	210.0	83.0	93.0	3.9		640.0	71.0		0.20		860

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Appendix F

Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

□ Appendix F

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
10N/35W-05J01 S	271018			1000	126.0	50.0	96.0		214.6	443.0	45.0				520
10N/35W-05J01 S	531217	7.7	1340		144.0	62.0	77.0	4.0	212.1		68.0				615
10N/35W-05J01 S	570405	7.1	1360		146.0	69.0	81.0	3.0	242.6		64.0				649
10N/35W-05J01 S	580507	7.8	1381	1075	140.0	68.0	80.0	3.0	241.4	467.0	71.0	25.2	0.10	0.6	630
10N/35W-05J01 S	580917	8.0	1388	1048	144.0	70.0	71.0	4.0	225.6	473.0	71.0	22.0	0.09	0.4	648
10N/35W-05J01 S	590526	7.8	1589	1065	132.0	65.0	78.0	3.0	200.0	483.0	67.0	27.0	0.46	0.3	597
10N/35W-05J01 S	601117	7.9	1378		140.0	68.0	76.0	3.0	236.5	491.0	67.0	17.0	0.31	1.0	630
10N/35W-05J01 S	620614	8.1	1480	1016	123.0	75.0	78.0	6.0	235.3	475.0	71.0	23.0	0.09	0.4	616
10N/35W-05J01 S	620920	8.1	1330	1124	132.0	73.0	70.0	3.0	231.7	475.0	67.0	22.0	0.20	0.6	630
10N/35W-05J01 S	630719	7.2	1414	1100	145.0	70.0	82.0	4.0	253.6	481.0	70.0	24.0	0.20	0.7	651
10N/35W-05J01 S	750925		4000		160.0	64.0	77.0	3.8	263.4	480.0	65.0	38.5	0.18	0.4	660
10N/35W-06A01 S	640206	8.1	1800	1455	78.0	148.0	154.0	4.0	496.2	591.0	76.0	9.8	0.40	0.8	804
10N/35W-06A03 S	640206	8.2	1130	878	127.0	49.0	70.0	3.0	253.6	379.0	46.0	2.4	0.16	0.6	519
10N/36W-01H01 S	610328	8.1	1600		173.0	72.0	96.0	3.0	243.8	580.0	111.0	9.1	0.25	0.4	728
10N/36W-01H01 S	611009	7.7	1570		192.0	71.0	90.0	3.0	246.3	583.0	111.0	0.0	0.26	0.4	772
10N/36W-01H01 S	611107	7.8	1642	1270	180.0	81.0	94.0	4.0	253.6	572.0	112.0	14.0	0.18	0.8	783
10N/36W-01H01 S	620614	8.0	1550	1252	171.0	72.0	92.0	6.0	186.5	571.0	117.0	0.0	0.25	0.6	723
10N/36W-01H01 S	620920	7.8	1550	1332	176.0	74.0	83.0	3.0	225.6	536.0	116.0	8.0	0.20	0.4	744
10N/36W-01H01 S	630719	7.5	1704	1340	187.0	77.0	100.0	4.0	264.6	596.0	114.0	10.0	0.24	0.7	784
10N/36W-01H01 S	631015	7.4	1550	1300	239.0	38.0	99.0	4.0	247.5	597.0	112.0	8.2	0.26	0.2	754
10N/36W-01H01 S	640506	8.0	1600	1400	97.0	134.0	105.0	3.0	253.6	604.0	116.0	10.0	0.22	0.2	792
10N/36W-01H01 S	650408	7.3	1760	1340	183.0	84.0	98.0	6.0	256.0	619.0		12.0	0.10	0.8	803
10N/36W-02G01 S	611009	7.0	1350		192.0	36.0	86.0	3.0	258.5	498.0	67.0	0.0	0.30	0.4	628
10N/36W-02G01 S	611107	7.3	1398	1052	139.0	62.0	87.0	3.0	248.7	462.0	64.0	6.3	0.19	0.8	602
10N/36W-02G01 S	620424	7.3	1440	1041	148.0	58.0	84.0	4.0	235.3	464.0	67.0	11.0	0.07	0.7	608
10N/36W-02G01 S	630501	7.7	1065	766	70.0	53.0	87.0	4.0	109.7	377.0	67.0	0.6	0.14	0.5	393
10N/36W-02G01 S	631017	8.1	1270	1032	135.0	59.0	90.0	3.0	237.7	467.0	69.0	5.1	0.30	0.2	580
10N/36W-02G01 S	640206	7.4	1347	1070	142.0	60.0	94.0	3.0	258.5	465.0	69.0	12.4	0.22	0.6	601
10N/36W-02G01 S	640326	8.0	750	570	32.0	26.0	96.0	3.0	73.2	236.0	69.0	0.0	0.11	0.1	187
10N/36W-02G01 S	650408	7.3	1389	1030	134.0	63.0	89.0	4.0	246.3	471.0	68.0	5.0	0.24	0.8	594
10N/36W-02G01 S	700417	7.8	617	345	18.0	11.0	86.0	5.0	95.1	97.0	70.0	4.0	0.08	0.2	90
10N/36W-02G01 S	700917	7.8	566	260	7.0	8.0	91.0	2.0	84.1	83.0	67.0	5.0	0.10	0.2	50
10N/36W-02G01 S	710401	7.6	582	322	8.0	14.0	84.0	4.3	81.7	91.0	70.0	6.0	0.08	0.2	81
10N/36W-02G01 S	710922	8.1	652	334	8.0	18.0	89.0	5.1	90.2	118.0	68.0	6.0	0.09	0.0	92
10N/36W-02G01 S	720309	7.8	626	317	3.0	22.0	94.0	3.6	91.4	122.0	70.0	6.0	0.10	0.1	99

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
10N/36W-02G01 S	760922		670		5.0	20.0	89.0	5.3	113.4	100.0	74.0	1.0	0.15	0.1	96
10N/36W-02G02 S	640206	8.0	1800	1365	206.0	74.0	94.0	5.0	378.0	296.0	291.0	3.2	0.22	0.5	819
10N/36W-02G02 S	650408	7.4	1495	930	123.0	46.0	125.0	5.0	353.6	180.0	201.0	16.0	0.34	0.7	496
10N/36W-02Q01 S	670512	7.8	1129	900	109.0	57.0	62.0	4.0	256.0	366.0	30.0	1.3	0.11	0.4	507
10N/36W-02Q01 S	670929	7.9	1086	818	101.0	52.0	57.0	4.0	229.2	353.0	29.0	1.5	0.11	0.4	466
10N/36W-02Q01 S	760521	8.0	977	700	102.0	46.0	54.0	2.8	267.0	300.0	26.0	1.6	0.16	0.6	444
10N/36W-02Q01 S	770726		1100	890	120.0	51.0	56.0	3.1	249.9	360.0	28.0		0.10		500
10N/36W-02Q01 S	780803		1050		110.0	50.0	52.0	3.6	243.8	360.0	32.0	2.6	0.13	0.1	480
10N/36W-02Q01 S	791010		1030		110.0	51.0	61.0	3.6	268.2	370.0	28.0	2.3	0.13	0.2	480
10N/36W-02Q01 S	801015	7.5			120.0	51.0	57.0	3.6		360.0	43.0	2.1	0.14	0.2	510
10N/36W-02Q01 S	811016	7.6	1130		110.0	50.0	54.0	2.8		360.0	29.0	2.0	0.14	0.2	480
10N/36W-02Q01 S	821015	7.5	1040		110.0	49.0	54.0	3.1	256.0	360.0	30.0	2.1	0.13	0.2	480
10N/36W-02Q01 S	831012	7.4	1100		120.0	51.0	54.0	2.9	256.0	360.0	29.0	1.8	0.13	0.2	
10N/36W-02Q01 S	841011	7.5	1100		110.0	52.0	56.0	3.5	313.3	360.0	28.0	1.9	0.14	0.2	
10N/36W-02Q01 S	851016	7.7	1100		120.0	51.0	55.0	2.9	247.5	360.0	29.0	2.0	0.14	0.2	
10N/36W-02Q01 S	861021	7.6	1070		110.0	51.0	53.0	3.0	252.4	370.0	29.0	2.0	0.13	0.2	
10N/36W-02Q01 S	871028	7.7	1110	799	110.0	50.0	52.0	3.2	248.7	370.0	27.0	1.9	0.13	0.2	
10N/36W-02Q01 S	880927	7.6	1060	805	110.0	55.0	59.0	3.0	257.3	370.0	27.0	2.1	0.15	0.2	
10N/36W-02Q01 S	890920	7.5	1090	804	110.0	50.0	55.0	3.0		370.0	27.0	1.9	0.13	0.2	
10N/36W-02Q01 S	900724	7.5	1050	782	110.0	50.0	55.0	3.3	253.6	370.0	30.0	1.8	0.14	0.3	
10N/36W-02Q01 S	910826	7.6	1158	810	120.0	52.0	54.0	3.2	249.9	390.0	32.0	2.0	0.14	0.2	
10N/36W-02Q01 S	920826	7.6	1090	784	110.0	51.0	54.0	3.3	273.1	330.0	31.0	2.2	0.14	0.3	
10N/36W-02Q01 S	960327	7.2	1125	824	113.0	55.2	56.0	3.7	260.9	352.0	30.0	2.1	0.19		
10N/36W-02Q01 S	961121	8.0	964	706	91.0	43.0	53.0	2.9	232.0	290.0	23.0	2.1	0.15	0.2	
10N/36W-02Q01 S	971118	7.4	993	720	100.7	44.0	50.2	2.8	256.0	294.2	22.5	2.1	0.14	0.2	
10N/36W-02Q01 S	981116	7.4	983	716	90.8	46.3	50.3	3.2	229.2	286.7	22.7	2.0	0.15	0.2	
10N/36W-02Q02 S	670512	7.9	989	766	89.0	49.0	58.0	4.0	251.2	296.0	23.0	1.3	0.12	0.4	424
10N/36W-02Q02 S	670929	7.9	1014	726	90.0	41.0	67.0	4.0	253.6	294.0	24.0	1.3	0.11	0.4	393
10N/36W-02Q02 S	760521	8.2	1072	808	117.0	54.0	56.0	2.8	258.5	360.0	32.0	1.8	0.16	0.6	514
10N/36W-02Q02 S	770726		1000	780	99.0	44.0	59.0	3.2	259.7	300.0	24.0		0.10		430
10N/36W-02Q02 S	791010		960		100.0	46.0	53.0	3.7	268.2	300.0	23.0	1.4	0.13	0.3	440
10N/36W-02Q02 S	960327	8.0	1015	758	102.0	48.7	55.5	3.1	273.1	278.0	26.9	2.0	0.19		
10N/36W-02Q03 S	670528	7.8	950	738	80.0	50.0	52.0	3.0	204.8	305.0	22.0	1.3	0.09	0.4	405
10N/36W-02Q03 S	670929	7.8	1008	741	95.0	47.0	53.0	3.0	248.7	303.0	22.0	1.0	0.09	0.4	431
10N/36W-02Q03 S	760521	8.1	977	727	99.0	49.0	51.0	2.7	253.6	311.0	24.0	2.2	0.11	0.5	449

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
10N/36W-02Q03 S	770726		980	800	100.0	47.0	53.0	2.9	249.9	310.0	24.0		0.10		440
10N/36W-02Q03 S	780803		940		99.0	44.0	49.0	3.4	243.8	300.0	25.0	2.3	0.13	0.1	430
10N/36W-02Q03 S	791010		950		100.0	48.0	52.0	3.4	256.0	320.0	22.0	2.5	0.12	0.2	450
10N/36W-02Q03 S	801015	7.6	940	728	100.0	47.0	52.0	3.3		290.0	24.0		0.13	0.2	440
10N/36W-02Q03 S	811016	7.7	1030	720	97.0	46.0	47.0	2.8		310.0	25.0		0.13	0.2	430
10N/36W-02Q03 S	821015	7.6	950		98.0	45.0	50.0	2.9	256.0	300.0	24.0	2.0	0.13	0.2	430
10N/36W-02Q03 S	831012	7.4	1050		100.0	46.0	53.0	2.9	268.2	310.0	24.0	2.0	0.14	0.2	
10N/36W-02Q03 S	841011	7.5	1010		100.0	48.0	52.0	3.1	318.2	300.0	23.0	1.9	0.13	0.2	
10N/36W-02Q03 S	851016	7.9	990		100.0	47.0	50.0	2.7	247.5	320.0	23.0	1.9	0.14	0.2	
10N/36W-02Q03 S	861021	7.7	960		99.0	44.0	46.0	2.9	258.5	300.0	22.0	1.9	0.14	0.2	
10N/36W-02Q03 S	871028	7.7	994	696	99.0	46.0	47.0	3.0	247.5	300.0	21.0	1.9	0.13	0.2	
10N/36W-02Q03 S	880927	7.6	950	712	98.0	48.0	53.0	2.9	259.7	310.0	22.0	2.0	0.14	0.2	
10N/36W-02Q03 S	890920	7.5	993	711	98.0	45.0	49.0	3.1	260.9	310.0	21.0	2.0	0.14	0.2	
10N/36W-02Q03 S	910826	7.7	1058	717	100.0	48.0	50.0	2.9	242.6	340.0	28.0	1.9	0.13	0.2	
10N/36W-02Q03 S	920826	7.7	992	730	100.0	47.0	50.0	3.0	229.2	300.0	25.0	2.0	0.18	0.4	
10N/36W-02Q03 S	931118	7.4	991	706	100.0	46.0	49.0	3.0	256.0	310.0	25.0	1.8	0.13	0.2	
10N/36W-02Q03 S	960327	7.2	1010	706	91.8	45.1	53.0	3.5	262.1	286.0	25.7	1.9	0.20		
10N/36W-02Q03 S	961121	8.0	974	714	95.0	46.0	51.0	2.8	227.0	310.0	23.0	2.0	0.14	0.2	
10N/36W-02Q03 S	971118	7.5	1001	717	102.8	46.4	46.8	2.7	253.0	303.7	21.9	2.0	0.13	0.2	
10N/36W-02Q03 S	981116	7.4	987	727	92.3	48.6	49.5	3.0	243.4	297.3	22.1	2.0	0.14	0.2	
10N/36W-02Q04 S	670528	7.9	1006	797	93.0	48.0	58.0	3.0	249.9	303.0	24.0	2.0	0.11	0.4	430
10N/36W-02Q04 S	670929	8.1	975	712	93.0	44.0	53.0	3.0	247.5	291.0	24.0	1.5	0.09	0.4	413
10N/36W-02Q04 S	760521	8.0	1038	754	107.0	52.0	54.0	2.4	271.9	318.0	31.0	2.6	0.14	0.6	481
10N/36W-02Q04 S	770726		970	750	100.0	46.0	49.0	2.6	249.9	290.0	23.0		0.10		440
10N/36W-02Q04 S	791010		980		96.0	46.0	50.0	3.0	243.8	300.0	22.0	2.4	0.12	0.2	430
10N/36W-02Q04 S	801015	7.6	930	704	100.0	47.0	52.0	3.0		290.0	23.0		0.13	0.2	440
10N/36W-02Q04 S	811016	7.7	1010	688	95.0	44.0	48.0	2.7		290.0	21.0		0.13	0.2	420
10N/36W-02Q04 S	821015	7.5	950		95.0	44.0	49.0	2.8	256.0	290.0	23.0	2.3	0.12	0.2	420
10N/36W-02Q04 S	831012	7.4	660		96.0	45.0	49.0	2.7	268.2	300.0	23.0	2.8	0.12	0.2	
10N/36W-02Q04 S	851016	7.8	960		99.0	47.0	50.0	2.6	242.6	290.0	22.0	2.3	0.13	0.2	
10N/36W-02Q04 S	871028	7.9	977	698	96.0	44.0	47.0	2.7	249.9	300.0	22.0	2.3	0.13	0.2	
10N/36W-02Q04 S	880927	7.6	940	674	94.0	48.0	50.0	2.5	253.6	290.0	20.0	2.4	0.14	0.2	
10N/36W-02Q04 S	890920	7.5	964	690	93.0	44.0	48.0	2.6	251.2	300.0	20.0	2.3	0.12	0.2	
10N/36W-02Q04 S	900724	7.6	932	670	100.0	46.0	48.0	2.9	249.9	290.0	23.0	2.2	0.13	0.2	
10N/36W-02Q04 S	910826	7.7	1018	719	100.0	47.0	48.0	2.8	243.8	320.0	36.0	2.3	0.13	0.2	

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Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
10N/36W-02Q04 S	920826	7.7	960	690	97.0	46.0	48.0	2.8	253.6	280.0	25.0	2.4	0.12	0.2	
10N/36W-02Q04 S	931118	7.4	962	680	96.0	45.0	49.0	2.8	268.2	290.0	27.0	1.7	0.13	0.2	
10N/36W-02Q04 S	960327	7.0	984	730	97.8	45.6	49.0	2.7	254.8	312.0	22.7	2.7	0.19		
10N/36W-02Q04 S	961121	7.9	944	685	91.0	45.0	49.0	2.6	224.0	280.0	21.0	2.5	0.14	0.2	
10N/36W-02Q04 S	971118	7.5	962	680	97.3	44.8	45.7	2.5	243.0	285.1	21.6	2.6	0.13	0.2	
10N/36W-02Q04 S	981116	7.5	949	685	87.7	47.2	48.7	2.5	221.9	276.9	20.8	2.7	0.14	0.2	
10N/36W-02Q05 S	670527	7.6	1277	989	128.0	58.0	78.0	3.0	247.5	415.0	55.0	5.8	0.17	0.6	558
10N/36W-02Q05 S	670929	7.6	1292	973	131.0	54.0	75.0	3.0	245.1	417.0	56.0	5.3	0.14	0.5	549
10N/36W-02Q05 S	760521	8.0	1278	943	141.0	54.0	77.0	2.7	253.6	420.0	64.0	6.8	0.18	0.7	574
10N/36W-02Q05 S	960327	8.0	1630	1200	178.0	71.0	83.0	3.9	260.9	534.0	85.0	6.6	0.27		
10N/36W-02Q06 S	670526	8.1	1336	1047	129.0	61.0	90.0	3.0	243.8	451.0	61.0	3.3	0.19	0.7	573
10N/36W-02Q06 S	670929	7.8	1339	1000	139.0	54.0	82.0	3.0	249.9	439.0	61.0	3.5	0.18	0.6	569
10N/36W-02Q06 S	760521	7.9	1107	813	119.0	52.0	61.0	2.6	258.5	355.0	42.0	4.4	0.08	0.6	511
10N/36W-02Q06 S	960327	7.2	2004	1530	286.0	57.7	101.0	4.4	297.5	675.0	124.0	1.2	0.32		
10N/36W-02Q07 S	670526	7.6	1126	780	90.0	40.0	85.0	5.0	309.7	116.0	138.0	9.0	0.16	0.4	389
10N/36W-02Q07 S	670929	7.4	1134	747	103.0	44.0	74.0	4.0	319.4	214.0	81.0	11.0	0.14	0.5	438
10N/36W-02Q07 S	760604	8.2	1028	683	89.0	40.0	66.0	3.5	278.0	170.0	89.0	10.0	0.06	0.7	387
10N/36W-02Q07 S	811016	7.6	1090		89.0	37.0	66.0	3.7		160.0	110.0		0.14	0.5	370
10N/36W-02Q07 S	821015	7.5	1090		93.0	39.0	82.0	4.2	317.0	140.0	140.0		0.16	0.4	390
10N/36W-02Q07 S	831012	7.5	750		92.0	35.0	85.0	5.1	304.8	98.0	150.0		0.14	0.4	
10N/36W-02Q07 S	851016	7.7	1110		96.0	39.0	77.0	3.4	304.8	130.0	150.0		0.16	0.4	
10N/36W-02Q07 S	861104	7.6	1120		110.0	44.0	75.0	4.5	328.0	160.0	160.0		0.16	0.4	
10N/36W-02Q07 S	871028	7.5	1440	839	130.0	49.0	91.0	5.7	321.9	120.0	210.0		0.15	0.3	
10N/36W-02Q07 S	880927	7.6	1050	749	110.0	48.0	82.0	4.3	319.4	130.0	180.0		0.16	0.3	
10N/36W-02Q07 S	890920	7.4	1480	864	120.0	52.0	90.0	4.4	331.6	160.0	240.0		0.15	0.3	
10N/36W-02Q07 S	900724	7.2	1495	956	130.0	59.0	110.0	6.9	376.7	260.0	200.0		0.18	0.3	
10N/36W-02Q07 S	910826	7.3	2260	1350	180.0	72.0	160.0	6.7	334.1	210.0	500.0		0.17	0.4	
10N/36W-02Q07 S	920911	7.4	2040	1210	170.0	71.0	130.0	6.0	338.9	200.0	440.0	0.4	0.17	0.5	
10N/36W-02Q07 S	931118	7.2	1830	1080	150.0	61.0	130.0	5.7	392.6	220.0	300.0	<0.2	0.20	0.3	
10N/36W-02Q07 S	960327	7.2	2270	1310	195.0	32.0	190.0	11.5	414.5	190.0	387.0	0.3	0.40		
10N/36W-02Q07 S	961121	8.1	1670	1024	150.0	64.0	100.0	5.6	382.0	250.0	220.0	<0.2	0.21	0.4	
10N/36W-02Q07 S	971118	7.3	2050	1126	174.1	69.3	121.7	5.4	410.0	151.5	382.8	<0.2	0.23	0.4	
10N/36W-02Q07 S	981116	7.4	2030	1186	158.1	72.9	152.8	5.6	397.5	182.4	358.5	0.4	0.52	0.4	
11N/34W-29P02 S	420415		1190	863	123.0	51.0	65.0	3.0	214.6	368.0	68.0	2.0		0.3	517
11N/34W-29P02 S	580916	7.7	977	715	97.0	41.0	64.0	3.0	217.0	251.0	76.0	16.0	0.10	0.6	411

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/34W-29P02 S	590421	8.1	1006	715	95.0	39.0	61.0	2.0	203.6	240.0	69.0	16.0	0.19	0.3	398
11N/34W-29P02 S	620614	7.9	1050	764	105.0	41.0	61.0	2.0	218.2	244.0	73.0	45.0	0.14	0.2	431
11N/34W-29P02 S	620822	7.3	925	676	84.0	35.0	63.0	3.0	240.2	189.0	60.0	12.0	0.06	0.1	354
11N/34W-29P02 S	620919	8.0	1020	832	104.0	41.0	59.0	2.0	235.3	266.0	70.0	39.0	0.16	0.2	428
11N/34W-29P02 S	631014	7.8	1040	844	83.0	63.0	70.0	2.0	207.3	293.0	66.0	67.0	0.13	0.2	466
11N/34W-29P02 S	641006	7.4	1149	907	115.0	48.0	65.0	3.0	210.9	295.0	66.0	66.0	0.12	0.6	485
11N/34W-29P02 S	650709	7.4	1099	772	102.0	47.0	65.0	2.0	224.3	258.0	66.0	49.0	0.08	0.6	448
11N/34W-29P02 S	660412	8.0	1078	769	95.0	42.0	64.0	2.0	167.0	264.0	73.0	51.0	0.08	0.5	410
11N/34W-29P02 S	670516		1050	678	90.0	49.0	68.0	2.0	157.3	285.0	65.0		0.06	0.5	426
11N/34W-29P02 S	671012	7.9	1128	783	99.0	51.0	70.0	3.0	176.8	288.0	80.0	73.0	0.09	0.5	457
11N/34W-29P02 S	671019		1250	892	102.0	61.0	68.0	2.9	204.8	301.0	79.0		0.00		504
11N/34W-29P02 S	680920	7.7	1526	848	118.0	49.0	64.0	2.0	234.1	276.0	69.0	60.0	0.11	0.5	496
11N/34W-29P02 S	690516	8.0	1054	678	90.0	49.0	68.0	2.0	156.1	285.0	65.0	64.5	0.06	0.5	426
11N/34W-29P02 S	690924	7.5	1174	826	114.0	50.0	57.0	2.0	235.3	291.0	55.0	55.0	0.11	0.5	490
11N/34W-29P02 S	700409	8.1	962	661	80.0	44.0	62.0	2.0	180.4	264.0	45.0	36.0	0.11	0.6	381
11N/34W-29P02 S	700916	8.3	942	692	98.0	42.0	60.0	2.0	225.6	269.0	44.0	30.0	0.10	0.6	418
11N/34W-29P02 S	710324	7.7	1011	661	104.0	46.0	61.0	3.0	215.8	285.0	42.0	92.0	0.06	0.5	449
11N/34W-29P02 S	710920	8.1	996	724	102.0	43.0	63.0	2.3	214.6	298.0	40.0	34.0	0.11	0.5	430
11N/34W-29P02 S	720320	8.2	1028	785	111.0	45.0	62.0	2.7	209.7	315.0	44.0	45.0	0.10	0.6	462
11N/34W-29P02 S	730524	8.0	1072	789	100.0	47.0	59.0	2.4	156.1	323.0	48.0	56.0	0.09	0.6	444
11N/34W-29P02 S	740527	8.2	983	741	98.0	46.0	51.0	2.3	196.3	312.0	34.0	12.0	0.15	0.6	436
11N/34W-29P02 S	741030	8.0	1155	923	128.0	49.0	66.0	2.3	223.1	337.0	56.0	70.0	0.11	0.5	522
11N/34W-29P02 S	750515	8.3	1216	915	131.0	49.0	64.0	2.7	229.2	332.0	54.0	76.0	0.06	0.6	528
11N/34W-29P02 S	751204		1240		130.0	48.0	67.0	2.6	230.4	310.0	58.0	75.3	0.11	0.3	520
11N/34W-29P02 S	760922		1220		130.0	53.0	66.0	2.9	230.4	360.0	57.0	88.6	0.11	0.4	540
11N/34W-29P02 S	771020		1230	952	130.0	53.0	68.0	2.5	230.4	350.0	55.0		0.10		540
11N/34W-30D02 S	731011	8.2	1210	890	117.0	56.0	62.0	2.7	225.6	396.0	40.0	3.4	0.00	0.6	521
11N/34W-30D02 S	761007	8.0	1174	886	127.0	49.0	65.0	3.1	220.7	404.0	42.0	4.0	0.14	0.8	519
11N/34W-30D02 S	791106	8.1	1140	834	126.0	48.0	64.0	3.1	225.6	396.0	41.0	4.7	0.10	0.8	512
11N/34W-30D02 S	811020	7.7	1050	875	127.0	48.0	63.0	4.4	226.8	387.0	41.0	4.7	0.10	0.6	514
11N/34W-30Q01 S	620822	7.4	1260	1028	158.0	52.0	57.0	3.0	258.5		37.0	105.0	0.11	0.1	608
11N/34W-30Q01 S	850724	7.9	970	687	105.0	40.0	56.0	2.9	219.5	292.0		4.2	0.10	0.6	426
11N/34W-31C01 S	750925		1500		160.0	61.0	53.0	3.2	228.0	400.0	51.0	128.5	0.14	0.3	650
11N/34W-33J01 S	750926		1600		160.0	77.0	75.0	3.2	379.2	340.0	160.0	21.3	0.16	0.4	720
11N/34W-33K01 S	750928		1375		150.0	50.0	86.0	4.2	306.0	350.0	88.0	0.9	0.29	0.3	580

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/34W-34A04 S	920520		2400	1500						340.0	300.0	23.0		0.8	
11N/35W-18M01 S	570405	7.2	1280		123.0	66.0	83.0	4.0	187.8		47.0				579
11N/35W-18M01 S	580505	8.1	1368	1000	150.0	59.0	86.0	5.0	231.7	517.0	63.0	0.9	0.29	0.2	617
11N/35W-18M01 S	580917	8.2	1335	1090	145.0	63.0	78.0	4.0	217.0	528.0	46.0	4.4	0.27	0.2	621
11N/35W-18M01 S	590930	7.9	1307	983	135.0	60.0	82.0	4.0	202.4	514.0	53.0	0.0	0.24	0.0	584
11N/35W-18M01 S	600406	8.3	1389	1020	134.0	62.0	84.0	4.0	210.9	514.0	56.0	0.0	0.00	0.0	590
11N/35W-18M01 S	620920	8.0	1280	1140	141.0	60.0	74.0	4.0	235.3	485.0	14.0	0.0	0.20	0.1	599
11N/35W-18M01 S	631014	8.2	1220	1034	143.0	52.0	85.0	4.0	208.5	517.0	48.0	0.0	0.21	0.1	571
11N/35W-18M01 S	640506	8.0	1290	1168	83.0	101.0	88.0	4.0	241.4	538.0	50.0	0.0	0.16	0.2	623
11N/35W-18M01 S	641006	8.3	1380	1110	148.0	64.0	80.0	4.0	235.3	516.0	48.0	1.0	0.17	0.6	633
11N/35W-18M01 S	660412	8.3	1388	1026	142.0	64.0	81.0	4.0	215.8	509.0	53.0	1.0	0.14	0.0	618
11N/35W-18M01 S	661018	8.0	1430	1130	150.0	60.0	75.0	4.0	230.4	526.0	48.0	1.5	0.20		621
11N/35W-18M01 S	671013	8.1	1353	1087	146.0	57.0	87.0	5.0	223.1	582.0	50.0	1.0	0.14	0.4	599
11N/35W-18M01 S	680503	8.3	1420	1090	143.0	74.0	81.0	5.0	223.1	520.0	47.0	0.4	0.10	0.1	662
11N/35W-18M01 S	680920	8.1	1350	1110	147.0	61.0	82.0	4.0	229.2	521.0	45.0	0.5	0.16	0.4	618
11N/35W-18M01 S	690516	8.4	1336	1064	152.0	62.0	79.0	4.0	240.2	521.0	48.0	0.5	0.14	0.5	635
11N/35W-18M01 S	690924	8.0	1384	1081	138.0	74.0	71.0	4.0	230.4	528.0	48.0	1.0	0.15	0.4	649
11N/35W-18M01 S	700409	7.7	1386	1065	149.0	63.0	82.0	4.0	236.5	517.0	46.0	0.6	0.16	0.5	631
11N/35W-18M01 S	700916	8.3	1379	1096	148.0	66.0	105.0	8.0	326.7	455.0	84.0	5.0	0.20	0.7	641
11N/35W-18M01 S	710324	7.9	1570	1077	151.0	75.0	106.0	6.6	319.4	476.0	98.0	0.0	0.20	0.6	683
11N/35W-18M01 S	730524	8.7	1734	1329	176.0	78.0	128.0	5.5	379.2	550.0	103.0	2.0	0.21	0.7	762
11N/35W-18M01 S	731018	7.8	1173	900	118.0	54.0	66.0	2.3	219.5	331.0	50.0	73.0	0.96	0.5	517
11N/35W-19C02 S	640206	7.4	2139	1738	215.0	119.0	152.0	5.0	498.7	767.0	113.0	5.2	0.40	1.0	1027
11N/35W-19E02 S	520425		1260		140.0	52.0	80.0	4.9	259.7	410.0	49.0				550
11N/35W-19E02 S	540920	7.3	1240		49.0	108.0	85.0	4.0	259.7	426.0	50.0	2.0	0.26	0.3	567
11N/35W-19E02 S	570405		1260		140.0	57.0	79.0	3.4	259.7		44.0				580
11N/35W-19E02 S	580917	8.1	1209	906	105.0	58.0	73.0	4.0	158.5	446.0	50.0	5.0	0.05		501
11N/35W-19E02 S	590610	8.0	1308	960	136.0	52.0	76.0	3.0	253.6	429.0	48.0	3.0	0.54	0.1	554
11N/35W-19E02 S	611005	6.8	2100		226.0	92.0	160.0	14.0	423.1	761.0	112.0	2.6	0.36	0.4	943
11N/35W-19E02 S	620614	8.2	1285	1014	147.0	52.0	72.0	4.0	265.8	451.0	51.0	2.0	0.17	0.1	581
11N/35W-19E02 S	630718	7.5	1211	900	130.0	49.0	80.0	4.0	260.9	407.0	43.0	2.8	0.15	0.4	526
11N/35W-19E02 S	650709	7.5	1322	1000	133.0	58.0	85.0	4.0	262.1	433.0	52.0	1.0	0.16	0.5	571
11N/35W-19E02 S	671013	7.9	1234	965	113.0	56.0	86.0	5.0	213.4	443.0	53.0	1.5	0.15	0.4	513
11N/35W-19E02 S	680503	8.4	1290	927	129.0	53.0	81.0	4.0	249.9	423.0	44.0	2.9	0.10	0.2	540
11N/35W-19E02 S	690516	8.1	1061	825	89.0	52.0	78.0	3.0	124.4	415.0	45.0	3.2	0.15	0.4	436

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/35W-19K02 S	791102	7.7	297	198	13.0	6.0	34.0	2.5	53.6	6.0	54.0	9.7	0.00	0.3	57
11N/35W-20E01 S	620822	7.4	730	514	70.0	25.0	48.0	3.0	162.2	187.0	41.0	11.0	0.13	0.1	278
11N/35W-20K03 S	640206	7.3	1165	832	122.0	42.0	74.0	4.0	299.9	221.0	124.0	3.2	0.12	0.7	477
11N/35W-21K01 S	640619	7.8	615	376	53.0	15.0	54.0	2.0	156.1	104.0	55.0	3.0	0.13	0.2	194
11N/35W-21K01 S	731011	7.4	1326	1081	137.0	62.0	81.0	3.5	221.9	513.0	43.0	1.6	0.18	0.4	596
11N/35W-21K01 S	741112	8.2	1372	1032	139.0	58.0	50.0	4.3	173.1	500.0	45.0	1.5	0.20	0.6	587
11N/35W-21K01 S	751010	8.0	1365	1086	155.0	53.0	81.0	3.1	251.2	505.0	44.0	2.4	0.18	0.7	604
11N/35W-21K01 S	761007	7.7	1338	1028	142.0	55.0	83.0	3.5	213.4	501.0	48.0	2.0	0.21	0.7	581
11N/35W-21K01 S	771024	8.1	1269	950	141.0	43.0	76.0	2.8	225.6	433.0	41.0	0.6	0.22	0.5	529
11N/35W-21K01 S	791106	7.8	1070	726	115.0	38.0	62.0	2.9	195.1	349.0	41.0	2.8	0.10	0.3	443
11N/35W-21K01 S	871019	8.2	440	317	40.0	13.0	35.0	1.6	104.9	85.0	38.0	4.8	0.00	0.1	154
11N/35W-25L01 S	570829	7.5	1056	728	95.0	64.0	54.0	3.0	192.6	365.0	49.0	9.8	0.20	0.2	500
11N/35W-25L01 S	601118	7.4	929		101.0	48.0	53.0	3.0	191.4	279.0	48.0	13.0	0.13	0.5	450
11N/35W-26M01 S	580917	8.7	855	711	99.0	50.0	55.0	3.0	201.2	332.0	46.0	12.0	0.08	0.2	453
11N/35W-26M01 S	590421	8.2	985	715	103.0	37.0	61.0	3.0	187.8	301.0	35.0	12.0	0.41	0.6	409
11N/35W-26M01 S	610309	8.0	815		74.0	56.0	54.0	2.0	131.7	299.0	63.0	16.0	0.19	0.2	415
11N/35W-26M01 S	611005	7.8	940		75.0	50.0	53.0	2.0	201.2	261.0	44.0	13.0	0.18	0.3	393
11N/35W-26M01 S	620920	8.0	830	646	95.0	31.0	50.0	2.0	203.6	234.0	45.0	14.0	0.11	0.2	365
11N/35W-26M01 S	630718	7.3	857	600	78.0	34.0	56.0	2.0	173.1	234.0	43.0	13.0	0.06	0.4	335
11N/35W-26M01 S	650709	7.5	793	548	68.0	31.0	50.0	2.0	148.7	193.0	51.0	9.0	0.07	0.4	297
11N/35W-26M01 S	651108	8.0	693	440	66.0	23.0	44.0	2.0	154.8	148.0	45.0	19.0	0.06	0.3	259
11N/35W-26M01 S	660412	8.3	872	570	88.0	32.0	51.0	2.0	182.9	222.0	50.0	18.0	0.06	0.0	351
11N/35W-26M01 S	661019	8.4	937	651	95.0	33.0	53.0	3.0	191.4	241.0	49.0	16.0	0.10		373
11N/35W-26M01 S	671013	8.1	767	517	72.0	27.0	48.0	2.0	158.5	178.0	50.0	21.0	0.06	0.3	291
11N/35W-26M01 S	680503	8.6	952	661	105.0	27.0	55.0	2.0	187.8	244.0	44.0	19.0	0.10	0.3	373
11N/35W-26M01 S	690516	8.3	1398	1123	153.0	57.0	84.0	3.0	145.1	505.0	77.0	67.5	0.11	0.5	617
11N/35W-27Q01 S	570829	8.0	1135	799	113.0	48.0	59.0	3.0	221.9	365.0	40.0	5.5	0.80	0.2	480
11N/35W-27Q01 S	581218	7.9	1105	821	120.0	46.0	50.0	3.0	214.6	369.0	35.0	6.6	0.12	0.4	489
11N/35W-27Q01 S	601117	7.5	1069		111.0	47.0	58.0	3.0	217.0	361.0	39.0	5.7	0.19	1.0	471
11N/35W-27Q01 S	620822	7.7	1065	772	148.0	29.0	53.0	4.0	215.8	361.0	40.0	7.0	0.14	0.6	489
11N/35W-28B01 S	520910	7.8	1020		104.0	41.0	62.0	4.0	202.4		38.0		0.11		428
11N/35W-28B01 S	570405	7.1	898		93.0	38.0	54.0	3.0	196.3		37.0				389
11N/35W-28B01 S	590421	7.9	731	516	67.0	24.0	47.0	2.0	146.3	179.0	44.0	10.0	0.38	0.2	266
11N/35W-28B01 S	600406	8.1	873	620	82.0	32.0	52.0	3.0	171.9	234.0	44.0	10.0	0.01	0.3	336
11N/35W-28B01 S	611005	6.8	530		35.0	13.0	44.0	3.0	103.6	80.0	46.0	2.6	0.24	0.6	141

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Appendix F
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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/35W-28B01 S	630718	7.8	872	625	84.0	37.0	54.0	3.0	190.2	254.0	37.0	8.3	0.18	0.5	362
11N/35W-28B01 S	631014	8.1	1020	840	127.0	38.0	63.0	3.0	218.2	370.0	37.0	8.6	0.19	0.4	474
11N/35W-28B01 S	641006	8.0	943	670	98.0	38.0	57.0	3.0	198.7	290.0	42.0	10.0	0.14	0.6	401
11N/35W-28F S	950620											32.0			
11N/35W-28F01 S	620822	7.6	1127	858	122.0	51.0	57.0	3.0	226.8	380.0	36.0	8.4	0.13	0.7	514
11N/35W-28F02 S	640206	7.7	2663	2372	326.0	123.0	221.0	8.0	526.7	1145.0	140.0	3.6	0.50	0.8	1321
11N/35W-28L01 S	530423	8.1	1170		131.0	48.0	67.0	5.0	224.3		34.0	6.0			525
11N/35W-28L01 S	590929	8.2	1077	775	94.0	52.0	63.0	3.0	174.3	362.0	37.0	10.0	0.48	0.3	449
11N/35W-28L01 S	611005	7.9	1060		102.0	58.0	57.0	2.0	226.8	352.0	39.0	8.5	0.21	0.4	493
11N/35W-28L01 S	620615	7.8	1080	822	114.0	51.0	56.0	4.0	236.5	347.0	39.0	12.0	0.19	0.8	494
11N/35W-28L01 S	630718	7.5	1092	815	118.0	46.0	62.0	3.0	246.3	346.0	35.0	12.0	0.15	0.7	484
11N/35W-28L01 S	631014	8.2	990	808	137.0	30.0	61.0	3.0	237.7	344.0	35.0	10.0	0.19	0.2	466
11N/35W-28L01 S	641006	7.9	1088	810	121.0	49.0	58.0	3.0	246.3	346.0	37.0	13.0	0.18	0.8	504
11N/35W-28Q01 S	420415		1270	968	140.0	56.0	64.0	4.0	208.5	481.0	35.0			0.5	580
11N/35W-29R01 S	520425	8.2	1180		107.0	58.0	74.0	4.0	140.2	466.0	48.0				506
11N/35W-33F01 S	531217	7.8	1650		229.0	51.0	89.0	4.0	252.4		88.0				782
11N/35W-33F01 S	560327		1530		134.0	79.0	101.0	4.3	113.4		96.0				660
11N/35W-33F01 S	580505	7.8	1872	1553	236.0	93.0	93.0	4.0	470.6	634.0	93.0	12.2	0.18	0.4	972
11N/35W-33F01 S	590526	7.9	1596	1173	144.0	82.0	89.0	4.0	197.5	588.0	86.0	15.0	0.34	0.3	697
11N/35W-33F01 S	590929	7.4	1895	1446	229.0	85.0	91.0	4.0	442.6	591.0	110.0	12.0	0.00	0.4	922
11N/35W-33F01 S	601013	7.6	1890	1460	228.0	91.0	97.0	4.0	469.4	618.0	92.0	15.0	0.08	2.3	944
11N/35W-33F01 S	610309	7.7	1675		180.0	84.0	90.0	4.0	260.9	627.0	96.0	9.7	0.31	0.1	795
11N/35W-33F01 S	611009	6.8	1920		206.0	120.0	91.0	4.0	481.6	602.0	98.0	8.0	0.32	0.1	1008
11N/35W-33F01 S	630719	7.0	1969	1585	253.0	90.0	110.0	5.0	509.6	662.0	93.0	6.7	0.28	0.7	1002
11N/35W-33F01 S	640506	7.9	1961	1559	256.0	92.0	99.0	4.0	495.0	628.0	101.0	10.0	0.27	0.5	1018
11N/35W-33F01 S	650709	7.1	2009	1618	234.0	103.0	103.0	4.0	492.6	637.0	102.0	8.5	0.24	0.6	1008
11N/35W-33F01 S	670523	8.1	2111	1784	162.0	99.0	184.0	4.0	234.1	834.0	105.0	2.8	0.33	0.8	812
11N/35W-33F01 S	671013	7.7	1841	1518	159.0	104.0	124.0	7.0	248.7	732.0	115.0	3.0	0.26	0.5	825
11N/35W-33F01 S	680503	8.2	2110	1590	250.0	94.0	106.0	5.0	514.5	655.0	93.0	7.5	0.30	0.3	1011
11N/35W-33F01 S	700916	7.7	1857	1458	186.0	98.0	115.0	4.0	320.7	673.0	111.0	8.0	0.28	0.6	868
11N/35W-33F01 S	710921	7.8	1744	1349	190.0	91.0	101.0	4.1	397.5	587.0	90.0	8.1	0.22	0.8	848
11N/35W-33F01 S	850722	7.9	1840	1440	220.0	80.0	98.0	4.9	399.9	564.0	72.0	80.0	0.20	0.6	878
11N/35W-33F02 S	271012			1040	146.0	53.0	71.0		214.6	466.0	41.0				580
11N/35W-33G01 S	850722	7.9	1300	990	153.0	54.0	66.0	3.5	314.6	364.0	44.0	52.0	0.30	0.5	604
11N/35W-34E02 S	750925		1550	1040	180.0	64.0	70.0	3.3	380.4	410.0	52.0	48.7	0.23	0.4	710

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/36W-13K02 S	670308	8.5	1500	917	48.0	20.0	246.0	4.2	357.2	186.0	171.0	1.7	0.20		203
11N/36W-13K02 S	671003	8.3	1169	707	52.0	18.0	180.0	4.0	375.5	99.0	136.0	0.5	0.14	0.4	204
11N/36W-13K02 S	760607	8.2	943	564	89.0	31.0	76.0	3.9	369.4	90.0	80.0	10.0	0.10	0.3	350
11N/36W-13K03 S	660609	8.2	504	338	48.0	14.0	29.0	3.0	130.5	39.0	55.0	18.7	0.41	0.4	178
11N/36W-13K03 S	670308	8.5	986	458	74.0	25.0	103.0	2.4	285.3	174.0	64.0	0.8	0.10		287
11N/36W-13K03 S	671003	8.3	898	583	83.0	33.0	70.0	3.0	286.5	160.0	62.0	0.0	0.10	0.3	343
11N/36W-13K04 S	660609	8.4	997	718	94.0	37.0	75.0	5.0	232.9	284.0	40.0	1.0	0.06	0.3	387
11N/36W-13K04 S	670308	8.0	1000	688	89.0	38.0	68.0	2.7	225.6	264.0	39.0	2.8	0.00		379
11N/36W-13K04 S	671002	8.0	951	665	90.0	38.0	62.0	3.0	234.1	262.0	36.0	2.3	0.07	0.3	381
11N/36W-13K04 S	760607	8.1	943	655	99.0	37.0	57.0	3.1	225.6	271.0	38.0	3.0	0.10	0.4	399
11N/36W-13K05 S	670308	8.7	1320	871	63.0	23.0	191.0	5.6	145.1	438.0	58.0	3.5	0.10		252
11N/36W-13K05 S	671002	8.1	1212	881	105.0	33.0	120.0	6.0	200.0	412.0	45.0	0.5	0.09	0.3	398
11N/36W-13K05 S	760607	7.9	1249	938	137.0	44.0	75.0	3.9	208.5	449.0	41.0	0.0	0.12	0.6	524
11N/36W-13K06 S	670308	8.2	1450	1090	133.0	43.0	129.0	4.6	230.4	490.0	59.0	1.7	0.10		508
11N/36W-13K06 S	671002	8.0	1248	944	126.0	42.0	95.0	4.0	209.7	437.0	44.0	0.5	0.11	0.4	487
11N/36W-13K06 S	760607	8.2	1279	970	138.0	51.0	68.0	4.3	226.8	456.0	40.0	0.0	0.08	0.6	553
11N/36W-13R01 S	520425	8.2	1220		114.0	57.0	82.0	4.0	162.2	502.0	43.0				519
11N/36W-13R01 S	570829	7.8	1332	957	131.0	56.0	78.0	4.0	248.7	463.0	45.0	2.1	0.50	0.1	558
11N/36W-13R01 S	580505	8.0	1299	819	140.0	57.0	80.0	4.0	256.0	465.0	58.0	0.9	0.30	0.4	584
11N/36W-13R01 S	580917	8.0	1195	927	113.0	60.0	70.0	8.0	162.2	467.0	43.0	13.0	0.09		529
11N/36W-13R01 S	590421	7.5	1307	983	161.0	44.0	77.0	4.0	248.7	468.0	47.0	2.0	0.34	0.1	583
11N/36W-13R01 S	600406	8.1	1208	856	114.0	58.0	73.0	3.0	192.6	440.0	48.0	0.0	0.10	0.2	523
11N/36W-13R01 S	610309	8.0	1280		140.0	52.0	69.0	4.0	245.1	449.0	45.0	1.4	0.23	0.1	564
11N/36W-13R01 S	620614	7.7	1260	992	142.0	55.0	68.0	4.0	256.0	451.0	45.0	0.0	0.24	0.1	581
11N/36W-13R01 S	620822	7.6	1266	993	137.0	56.0	72.0	4.0	248.7	452.0	40.0	0.5	0.21	0.5	573
11N/36W-13R01 S	630718	7.5	1279	985	138.0	55.0	84.0	4.0	256.0	456.0	42.0	2.2	0.20	0.4	571
11N/36W-13R01 S	631014	7.6	1160	1016	101.0	73.0	79.0	9.0	245.1	461.0	42.0	0.0	0.25	0.1	552
11N/36W-13R01 S	640506	7.9	1180	840	62.0	102.0	81.0	3.0	254.8	467.0	43.0	0.8	0.20	0.2	574
11N/36W-13R01 S	641006	8.3	1200	1005	141.0	54.0	78.0	4.0	267.0	452.0	41.0	2.0	0.16	0.5	574
11N/36W-13R01 S	650709	7.5	1313	1018	136.0	59.0	80.0	4.0	249.9	449.0	47.0	0.5	0.16	0.5	582
11N/36W-13R01 S	651108	8.0	1282	970	132.0	60.0	78.0	4.0	253.6	461.0	41.0	1.0	0.16	0.5	576
11N/36W-13R01 S	660412	8.1	1215	861	112.0	54.0	78.0	4.0	167.0	446.0	47.0	2.5	0.17	0.5	502
11N/36W-13R01 S	661019	8.2	1280	1000	127.0	53.0	73.0	3.0	214.6	447.0	41.0	1.8	0.20		535
11N/36W-13R01 S	670523	8.0	1265	1064	125.0	56.0	72.0	4.0	219.5	447.0	40.0	1.8	0.17	0.4	543
11N/36W-13R01 S	671013	7.9	1170	983	113.0	53.0	78.0	4.0	178.0	443.0	45.0	1.0	0.15	0.4	500

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/36W-13R01 S	680503	8.2	1340	1000	135.0	58.0	80.0	4.0	248.7	460.0	41.0	2.2	0.10	0.2	576
11N/36W-13R01 S	680920	7.7	1290	1002	127.0	59.0	75.0	3.0	242.6	460.0	40.0	1.5	0.15	0.4	560
11N/36W-13R01 S	690516	8.1	1138	900	107.0	55.0	76.0	3.0	158.5	446.0	41.0	0.4	0.17	0.5	494
11N/36W-13R01 S	690924	8.0	1271	1016	139.0	59.0	68.0	4.0	236.5	456.0	43.0	2.0	0.15	0.5	590
11N/36W-13R01 S	700409	8.1	1207	913	116.0	57.0	75.0	3.0	187.8	449.0	40.0	2.0	0.18	0.5	524
11N/36W-13R01 S	700916	8.1	1271	963	134.0	55.0	75.0	3.0	231.7	456.0	41.0	3.4	0.15	0.4	561
11N/36W-13R01 S	710324	7.9	1255	884	130.0	61.0	69.0	4.0	231.7	442.0	45.0	0.0	0.16	0.4	576
11N/36W-13R01 S	710920	8.1	1245	967	138.0	55.0	77.0	3.2	253.6	451.0	40.0	1.4	0.17	0.4	571
11N/36W-13R01 S	720321	8.1	1120	878	102.0	55.0	72.0	3.7	134.1	450.0	41.0	1.8	0.17	0.5	481
11N/36W-13R01 S	721106	7.9	1214	938	120.0	55.0	77.0	3.3	204.8	444.0	41.0	0.7	0.21	0.4	526
11N/36W-13R01 S	730524	8.0	1225	931	126.0	48.0	73.0	3.4	185.3	441.0	41.0	1.7	0.21	0.5	513
11N/36W-13R01 S	731018	7.8	1203	895	111.0	55.0	76.0	3.3	173.1	448.0	39.0	2.0	0.18	0.4	503
11N/36W-13R01 S	740527	8.5	1256	996	143.0	52.0	74.0	3.1	232.9	450.0	44.0	3.5	0.16	0.5	568
11N/36W-13R01 S	741024	9.5	1256	973	127.0	53.0	76.0	3.1	204.8	443.0	41.0	2.4	0.14	0.5	534
11N/36W-13R01 S	750515	8.1	1148	869	99.0	52.0	77.0	3.1	136.6	436.0	40.0	0.0	0.09	0.4	459
11N/36W-13R01 S	760922		1240		130.0	51.0	74.0	4.0	248.7	440.0	39.0	2.3	0.18	0.2	530
11N/36W-13R01 S	771020		1250	872	130.0	53.0	75.0	0.9	230.4	440.0	38.0		0.20		550
11N/36W-35J02 S	670928	7.7	1090	811	106.0	46.0	63.0	4.0	260.9	332.0	28.0	1.3	0.12	0.4	454
11N/36W-35J02 S	760521	8.1	1038	747	101.0	50.0	60.0	2.8	234.1	335.0	31.0	2.0	0.12	0.6	458
11N/36W-35J02 S	760604	8.0	1072	795	107.0	50.0	58.0	3.1	258.5	340.0	27.0	0.7	0.07	0.6	473
11N/36W-35J02 S	770726		1050	860	110.0	49.0	60.0	3.2	259.7	340.0	28.0		0.10		470
11N/36W-35J02 S	780803		1000		97.0	46.0	54.0	3.5	243.8	330.0	29.0	2.3	0.15	0.1	430
11N/36W-35J02 S	791010		1090		110.0	47.0	56.0	3.7	256.0	330.0	29.0	2.2	0.14	0.2	470
11N/36W-35J02 S	801015	7.5		709	110.0	49.0	63.0	3.4		360.0	28.0		0.17	0.2	480
11N/36W-35J02 S	811016	7.6	1090	790	110.0	47.0	58.0	2.8		360.0	25.0		0.15	0.2	470
11N/36W-35J02 S	821015	7.6	975		110.0	48.0	59.0	3.1	243.8	340.0	29.0	2.1	0.15	0.2	470
11N/36W-35J02 S	831012	7.5	1100		110.0	49.0	59.0	3.0	268.2	360.0	29.0	2.2	0.14	0.2	
11N/36W-35J02 S	841011	7.4	1030		110.0	47.0	58.0	3.1	335.3	330.0	28.0	2.0	0.14	0.2	
11N/36W-35J02 S	851016	7.7	1070		110.0	49.0	59.0	3.0	254.8	340.0	29.0	2.2	0.15	0.2	
11N/36W-35J02 S	861021	7.5	1060		110.0	47.0	54.0	3.3	262.1	370.0	32.0	2.2	0.15	0.2	
11N/36W-35J02 S	871028	7.5	1080	773	110.0	48.0	56.0	2.2	276.8	340.0	26.0	2.1	0.15	0.2	
11N/36W-35J02 S	880927	7.5	968	787	110.0	51.0	60.0	3.1	259.7	350.0	27.0	2.8	0.15	0.2	
11N/36W-35J02 S	890919	7.5	1110	780	100.0	46.0	57.0	3.5	270.7	340.0	28.0	2.1	0.14	0.2	
11N/36W-35J02 S	900814	7.5	1060	758	110.0	47.0	58.0	3.2	268.2	320.0	26.0	2.2	0.15	0.3	
11N/36W-35J02 S	910827	7.6	1104	770	110.0	48.0	57.0	3.2	259.7	370.0	33.0	2.1	0.15	0.2	

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/36W-35J02 S	920825	7.8	1050	746	110.0	48.0	57.0	3.2	263.4	320.0	31.0	2.1	0.14	0.6	
11N/36W-35J02 S	960327	7.4	1070	776	107.0	52.2	57.0	3.2	260.9	362.0	26.7	2.2	0.20		
11N/36W-35J02 S	961120	8.0	1040	761	100.0	47.0	57.0	3.1	229.0	330.0	28.0	2.1	0.16	0.2	
11N/36W-35J02 S	971120	7.4	1063	771	108.9	46.7	54.7	2.9	256.0	329.4	26.3	2.1	0.16	0.2	
11N/36W-35J02 S	981117	7.4	1051	777	104.3	48.7	56.1	3.2	236.5	319.3	26.9	2.1	0.16	0.2	
11N/36W-35J03 S	670928	7.8	1367	1031	132.0	55.0	89.0	4.0	239.0	462.0	54.0	10.8	0.18	0.6	556
11N/36W-35J03 S	760604	7.8	1389	1059	129.0	61.0	88.0	3.5	191.4	495.0	59.0	11.4	0.16	0.7	573
11N/36W-35J03 S	770726		1360	1130	150.0	58.0	87.0	3.5	249.9	490.0	54.0		0.10		610
11N/36W-35J03 S	780803		1020		140.0	58.0	79.0	4.1	231.7	470.0	58.0		0.21	0.4	590
11N/36W-35J03 S	791010		1480		150.0	59.0	79.0	4.3	256.0	510.0	58.0	12.0	0.19	0.5	620
11N/36W-35J03 S	801015	7.6	1330	904	120.0	57.0	78.0	3.9		440.0	52.0		0.21	0.4	530
11N/36W-35J03 S	811016	7.7	1520	1150	160.0	63.0	85.0	3.1		570.0	62.0		0.21	0.4	660
11N/36W-35J03 S	821015	7.5	1400		170.0	67.0	88.0	3.8	268.2	570.0	64.0	12.4	0.20	0.4	700
11N/36W-35J03 S	831012	7.4	1500		170.0	69.0	89.0	3.6	268.2	570.0	65.0	12.0	0.20	0.4	
11N/36W-35J03 S	851016	7.6	1600		190.0	73.0	89.0	3.6	285.3	600.0	66.0	14.2	0.21	0.4	
11N/36W-35J03 S	861021	7.7	1580		170.0	68.0	86.0	3.5	287.7	570.0	62.0	13.7	0.21	0.4	
11N/36W-35J03 S	871028	7.7	1600	1200	170.0	70.0	85.0	3.9	279.2	580.0	61.0	15.5	0.21	0.4	
11N/36W-35J03 S	880927	7.8	1380	1070	140.0	65.0	86.0	3.4	264.6	520.0	51.0	14.6	0.21	0.4	
11N/36W-35J03 S	890919	7.5	1650	1230	170.0	69.0	88.0	3.7	299.9	600.0	62.0	18.6	0.21	0.4	
11N/36W-35J03 S	900724	7.5	1450	1060	160.0	63.0	84.0	3.9	268.2	520.0	56.0	17.3	0.21		
11N/36W-35J03 S	920825	7.7	1520	1080	160.0	66.0	83.0	3.9	282.9	520.0	59.0	20.5	0.21	0.3	
11N/36W-35J03 S	931119	7.3	1530	1130	160.0	66.0	86.0	4.0	285.3	550.0	63.0	21.4	0.21	0.3	
11N/36W-35J03 S	960327	7.4	1558	1230	179.0	64.0	88.0	4.0	291.4	556.0	56.7	26.1	0.28		
11N/36W-35J03 S	961120	7.9	1530	1150	160.0	66.0	87.0	3.7	254.0	530.0	59.0	25.3	0.22	0.5	
11N/36W-35J03 S	971120	7.4	1640	1222	179.6	70.6	83.4	3.7	287.0	557.2	62.9	32.0	0.21	0.5	
11N/36W-35J03 S	981117	7.4	1590	1198	164.7	74.0	85.7	3.9	278.0	550.0	62.3	31.3	0.23	0.4	
11N/36W-35J04 S	670928	7.5	1533	1177	159.0	67.0	90.0	4.0	264.6	530.0	66.0	11.5	0.14	0.7	673
11N/36W-35J04 S	760604	8.1	1650	1256	184.0	72.0	90.0	3.8	296.3	582.0	71.0	9.6	0.21	0.8	755
11N/36W-35J04 S	770726		1650	1460	190.0	73.0	86.0	4.3	299.9	600.0	72.0		0.20		780
11N/36W-35J04 S	780803		1540		190.0	72.0	90.0	4.4	292.6	590.0	78.0	10.6	0.19	0.4	770
11N/36W-35J04 S	791010		1700		190.0	73.0	91.0	4.6	304.8	630.0	72.0	10.2	0.20	0.5	780
11N/36W-35J04 S	801015	7.6			200.0	80.0	94.0	4.3		650.0	78.0	10.6	0.20	0.5	830
11N/36W-35J04 S	811016	7.7	1770		200.0	80.0	90.0	3.7		620.0	73.0	9.7	0.21	0.4	830
11N/36W-35J04 S	821015	7.5	1600		210.0	80.0	93.0	4.1	317.0	650.0	78.0	9.7	0.22	0.5	850
11N/36W-35J04 S	831012	7.4	1850		220.0	84.0	93.0	3.9	329.2	660.0	78.0	9.7	0.21	0.4	

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/36W-35J04 S	841011	7.5	1850		210.0	87.0	99.0	3.9	408.4	690.0	80.0	9.7	0.22	0.4	
11N/36W-35J04 S	851016	7.5	1830		220.0	89.0	94.0	3.8	334.1	710.0	80.0	11.1	0.22	0.4	
11N/36W-35J04 S	861021	7.5	1790		220.0	88.0	93.0	4.2	349.9	690.0	78.0	11.1	0.22	0.4	
11N/36W-35J04 S	871028	7.5	1930	1490	220.0	86.0	90.0	0.3	346.3	740.0	77.0	12.8	0.23	0.4	
11N/36W-35J04 S	880927	7.7	1740	1490	210.0	93.0	96.0	4.0	356.0	750.0	77.0	14.2	0.23	0.4	
11N/36W-35J04 S	890919	7.5	1950	1510	220.0	87.0	95.0	4.3	363.3	750.0	77.0	14.6	0.22	0.4	
11N/36W-35J04 S	900724	7.5	1840	1530	220.0	89.0	95.0	4.3	358.4	730.0	80.0	15.1	0.24	0.3	
11N/36W-35J04 S	910827	7.6	1910	1530	230.0	90.0	94.0	4.3	359.7	810.0	84.0	16.8	0.24	0.4	
11N/36W-35J04 S	920826	7.6	1920	1480	220.0	90.0	93.0	4.5	360.9	700.0	77.0	17.4	0.24	0.6	
11N/36W-35J04 S	931119	7.2	1930	1510	220.0	88.0	95.0	4.4	368.2	730.0	78.0	18.7	0.24	0.3	
11N/36W-35J04 S	960327	7.4	1875	1500	343.0	20.5	96.0	4.4	358.4	665.0	72.0	22.6	0.33		
11N/36W-35J04 S	961120	7.9	1880	1460	210.0	86.0	96.0	4.0	326.0	690.0	76.0	23.0	0.24	0.5	
11N/36W-35J04 S	971120	7.3	1920	1486	226.1	87.3	89.8	4.0	352.0	682.3	73.7	19.2	0.24	0.4	
11N/36W-35J04 S	981117	7.3	1870	1470	201.8	92.5	92.6	4.4	343.8	663.5	76.7	27.3	0.25	0.4	
11N/36W-35J05 S	670422	7.3	1316	1048	140.0	51.0	96.0	4.0	259.7	467.0	48.0	4.0	0.16	0.7	559
11N/36W-35J05 S	670928	7.4	1341	1029	134.0	57.0	81.0	4.0	259.7	453.0	45.0	5.0	0.13	0.7	569
11N/36W-35J05 S	760604	8.1	1394	1043	162.0	62.0	74.0	3.0	279.2	484.0	51.0	6.0	0.18	0.9	659
11N/36W-35J05 S	770726		1380	955	160.0	60.0	75.0	3.5	269.4	500.0	49.0		0.10		650
11N/36W-35J05 S	791010		1490		160.0	66.0	77.0	4.0	268.2	520.0	51.0	5.3	0.17	0.5	670
11N/36W-35J05 S	801015	7.6	1400		130.0	59.0	69.0	3.7		470.0	49.0	5.3	0.19	0.5	570
11N/36W-35J05 S	811016	7.5	1450		160.0	63.0	75.0	3.0		530.0	49.0	4.4	0.18	0.4	660
11N/36W-35J05 S	831012	7.3	1250		170.0	64.0	74.0	3.4	268.2	540.0	53.0	4.2	0.18	0.5	
11N/36W-35J05 S	841011	7.4	1450		160.0	64.0	76.0	3.3	351.1	520.0	52.0	3.9	0.18	0.5	
11N/36W-35J05 S	851016	7.6	1460		170.0	65.0	69.0	3.2	285.3	530.0	54.0	4.4	0.20	0.5	
11N/36W-35J05 S	861021	7.5	1470		170.0	66.0	78.0	3.4	296.3	520.0	53.0	4.9	0.19	0.4	
11N/36W-35J05 S	871028	7.5	1550	1100	170.0	66.0	75.0	3.6	304.8	520.0	52.0	5.3	0.19	0.5	
11N/36W-35J05 S	880927	7.7	1440	1190	180.0	73.0	79.0	3.4	307.2	590.0	56.0	6.6	0.20	0.5	
11N/36W-35J05 S	890919	7.4	1560	1130	170.0	66.0	77.0	4.0	299.9	580.0	53.0	6.2	0.19	0.4	
11N/36W-35J05 S	900724	7.5	1545	1220	200.0	72.0	80.0	4.0	308.5	600.0	59.0	7.1	0.21		
11N/36W-35J05 S	920826	7.6	1580	1190	190.0	68.0	74.0	3.9	314.6	550.0	58.0	7.1	0.20	0.5	
11N/36W-35J05 S	931119	7.3	1610	1200	190.0	71.0	80.0	1.3	360.9	600.0	60.0	8.0	0.20	0.4	
11N/36W-35J05 S	960327	7.4	1570	1210	182.0	68.9	82.0	3.8	315.8	554.0	52.5	8.9	0.27		
11N/36W-35J05 S	961121	7.9	1570	1210	180.0	69.0	80.0	3.7	279.0	570.0	57.0	8.4	0.21	0.5	
11N/36W-35J05 S	971120	7.3	1640	1228	187.6	70.0	75.4	3.4	313.0	558.2	57.7	10.0	0.21	0.5	
11N/36W-35J05 S	981117	7.3	1590	1216	163.4	75.3	77.9	4.1	292.6	555.3	59.3	11.4	0.21	0.5	

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/36W-35J06 S	670420	7.8	848	546	80.0	24.0	67.0	5.0	229.2	108.0	94.0	12.5	0.09	0.3	298
11N/36W-35J06 S	670928	7.5	916	601	92.0	28.0	54.0	5.0	242.6	143.0	80.0	12.0	0.09	0.4	345
11N/36W-35J06 S	760604	8.1	974	623	108.0	26.0	53.0	5.9	208.5	186.0	94.0	9.4	0.07	0.6	377
Arroyo Grande Valley Subbasin															
31S/14E-31K01 M	640603	7.6	789	526	90.0	43.0	27.0	2.0	382.8	122.0	18.0	2.4	0.04	0.5	402
31S/14E-31N02 M	711021	8.2	853	565	93.0	47.0	28.0	2.0	326.7	183.0	17.0	1.6	0.03	0.3	425
31S/14E-31N02 M	850416	8.3	849	588	97.0	46.0	28.0	2.6	331.6	186.0	20.0	1.6	0.00	0.5	431
31S/14E-32G03 M	640603	8.0	838	554	78.0	43.0	40.0	2.0	296.3	157.0	32.0	1.5	0.03	0.5	372
31S/14E-32G03 M	711028	8.2	618	400	74.0	30.0	22.0	1.4	275.5	101.0	18.0	0.4	0.02	0.4	309
31S/14E-32G03 M	811020	8.5	756	477	80.0	37.0	22.0	1.9	308.5	113.0	17.0	4.0	0.00	0.4	352
32S/13E-01G01 M	540930	8.2	865		92.0	46.0	28.0	2.0	381.6	132.0	24.0	5.0	0.00	0.2	419
32S/13E-01G01 M	610302	8.3	890		102.0	51.0	32.0	2.0	425.5	137.0	34.0	0.0	0.08	0.2	464
32S/13E-01G01 M	680620	7.6	934	578	101.0	56.0	32.0	2.0	449.9	132.0	34.0	0.5	0.09	0.5	483
32S/13E-01H01 M	640603	8.5	887	614	103.0	50.0	29.0	2.0	391.4	147.0	29.0	0.5	0.03	0.6	463
32S/13E-12C01 M	540701	7.4	1190		135.0	62.0	33.0	2.0	462.1	239.0	37.0	5.0	0.10	0.1	592
32S/13E-12C01 M	610302	7.4	1120		133.0	64.0	34.0	2.0	468.2	232.0	38.0	0.0	0.10	0.2	595
32S/13E-12C01 M	620824	7.5	1065	766	186.0	23.0	34.0	2.0	490.1	187.0	36.0	0.0	0.10	0.2	559
32S/13E-12C01 M	640603	8.1	992	676	100.0	63.0	30.0	2.0	409.7	172.0	35.0	3.0	0.09	0.5	509
32S/13E-12C01 M	711021	8.0	1056	690	114.0	62.0	33.0	2.0	470.6	170.0	31.0	4.3	0.07	0.3	540
32S/13E-12C04 M	640603	8.0	1103	808	101.0	68.0	40.0	2.0	290.2	300.0	46.0	0.0	0.10	0.5	532
32S/13E-12N01 M	640603	7.1	1889	1544	263.0	108.0	49.0	2.0	540.1	644.0	62.0	0.5	0.17	0.7	1101
32S/13E-12Q02 M	570829	7.9	895	611	79.0	41.0	51.0	1.0	325.5	123.0	57.0	0.0	0.53	0.2	366
32S/13E-12Q02 M	580929	7.7	883	648	76.0	44.0	47.0	1.0	336.5	122.0	52.0	0.0	0.24	0.3	371
32S/13E-12Q02 M	590922	7.4	880						319.4		60.0				378
32S/13E-12Q02 M	601006	7.5	974		79.0	45.0	46.0	1.0	330.4	139.0	51.0	0.0	0.30	0.9	382
32S/13E-12Q02 M	611106	8.0	841	565	92.0	45.0	43.0	1.0	317.0	152.0	57.0	5.6	0.05	0.6	415
32S/13E-12Q02 M	620824	7.6	927	638	92.0	45.0	45.0	1.0	317.0	167.0	50.0	0.0	0.09	0.7	415
32S/13E-12Q02 M	621009	8.4	880	640	95.0	46.0	47.0	1.0	338.9	179.0	47.0	0.0	0.14	0.4	426
32S/13E-12Q02 M	630925	8.1	965	650	89.0	52.0	49.0	1.0	317.0	187.0	60.0	0.5	0.07	0.7	436
32S/13E-12Q02 M	640603	7.1	984	674	92.0	48.0	46.0	1.0	286.5	188.0	71.0	0.0	0.08	0.7	427
32S/13E-12Q02 M	651007	8.2	967	660	102.0	51.0	48.0	1.0	334.1	173.0	76.0	10.0	0.06	0.7	464
32S/13E-12Q02 M	711020	8.2	1083	724	111.0	58.0	48.0	0.9	365.8	215.0	47.0	25.8	0.06	0.4	516
32S/13E-13C02 M	640603	8.2	1059	750	87.0	73.0	60.0	3.0	508.4	163.0	50.0	6.0	0.23	0.4	517
32S/13E-13C02 M	661017	8.3	1210		111.0	63.0	58.0	3.8	510.9	178.0	49.0	5.5	0.20		537

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Appendix F
Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
32S/13E-13C03 M	871105	8.3	736	600	40.0	65.0	30.0	2.0	239.0	191.0	32.0	4.0	0.00	0.4	367
32S/13E-13D04 M	811027	7.3	1310	867	129.0	63.0	58.0	4.9	392.6	251.0	52.0	68.0	0.20	0.5	581
32S/13E-14R01 M	711028	8.1	1128	735	106.0	58.0	78.0	4.7	499.9	154.0	69.0	8.0	0.28	0.2	503
32S/13E-14R02 M	680620	7.5	1110	682	89.0	65.0	67.0	4.0	547.4	116.0	55.0	1.0	0.28	0.4	490
32S/13E-22P01 M	610303	7.5	2200		297.0	134.0	98.0	4.0	620.6	822.0	121.0	0.0	0.21	0.2	1293
32S/13E-22Q01 M	640604	7.6	2163	1871	290.0	131.0	93.0	4.0	554.7	719.0	115.0	102.0	0.20	0.8	1263
32S/13E-22R01 M	640604	7.8	2020	1671	235.0	147.0	82.0	7.0	752.3	584.0	99.0	4.6	0.16	0.6	1192
32S/13E-22R01 M	680620	7.4	2014	1666	234.0	141.0	80.0	6.0	714.5	567.0	115.0	1.5	0.14	0.6	1165
32S/13E-23F01 M	620824	7.4	1900	1530	159.0	159.0	78.0	4.0	669.3	488.0	116.0	0.0	0.24	0.4	1051
32S/13E-23F01 M	640604	7.3	1827	1432	213.0	117.0	92.0	3.0	724.2	469.0	102.0	8.0	0.24	0.5	1013
32S/13E-23F01 M	661017	8.1	2020	1520	216.0	112.0	82.0	5.0	627.9	516.0	102.0	7.4	0.30		1000
32S/13E-23F01 M	680620	7.5	1941	1544	213.0	122.0	83.0	3.0	636.4	518.0	126.0	0.5	0.19	0.5	1034
32S/13E-23F02 M	610303	7.7	1840		200.0	106.0	82.0	3.0	614.5	436.0	117.0	0.0	0.23	0.3	936
32S/13E-23N M	960129	7.0			72.0	41.0	68.0	0.5	243.8			nd			349
32S/13E-23R01 M	620919	7.8	860	543	54.0	46.0	70.0	11.0	425.5	69.0	43.0	1.8	0.10	0.4	324
32S/13E-24A02 M	640604	7.7	1240	980	166.0	57.0	64.0	1.0	440.1	329.0	59.0	0.0	0.18	0.4	649
32S/13E-24D01 M	640604	7.7	1360	960	174.0	60.0	82.0	5.0	529.1	308.0	71.0	0.0	0.16	0.4	681
32S/13E-27D03 M	620824	7.3	2160	1854	205.0	164.0	109.0	6.0	714.5	650.0	115.0	0.0	0.14	0.2	1187
32S/13E-27D03 M	640617	7.6	2177	1694	230.0	106.0	152.0	6.0	681.5	585.0	118.0	3.3	0.02	0.7	1011
32S/13E-27D03 M	680620	7.1	2225	1918	276.0	131.0	108.0	4.0	627.9	734.0	126.0	1.5	0.14	0.6	1228
32S/13E-27D03 M	871105	8.2	1780	1460	111.0	121.0	147.0	8.0	243.8	678.0	136.0	4.2	0.20	0.5	774
32S/14E-07J01 M	640604	7.5	1372	976	112.0	86.0	94.0	3.0	482.8	263.0	105.0	7.2	0.24	0.7	634
32S/14E-07K01 M	640604	7.0	1623	1210	145.0	103.0	90.0	8.0	492.6	403.0	123.0	14.0	0.24	0.7	786
32S/14E-08N01 M	640604	7.2	1783	1407	159.0	135.0	82.0	2.0	510.9	503.0	121.0	9.4	0.16	0.7	952
32S/14E-17N02 M	610302	7.2	1150		75.0	79.0	47.0	1.0	496.2	102.0	60.0	15.0	0.23	0.2	512
32S/14E-18F03 M	640604	7.5	1525	1084	110.0	116.0	105.0		695.0	205.0	106.0	50.0	0.40	0.2	752
32S/14E-18F04 M	640604	7.7	1350	934	115.0	83.0	91.0		609.6	179.0	85.0	28.0	0.22	0.2	629
32S/14E-18P01 M	610302	7.5	1260		125.0	68.0	54.0	2.0	432.8	258.0	57.0	12.0	0.20	0.3	592
32S/14E-19A01 M	640604	7.6	1020	724	66.0	80.0	59.0	1.0	451.1	165.0	50.0	8.4	0.13	0.2	494
32S/14E-19A01 M	741106	8.9	980	621	91.0	54.0	52.0	1.2	393.8	146.0	46.0	25.0	0.11	0.5	448
32S/14E-19A01 M	760927	8.0	1047	650	100.0	56.0	53.0	1.2	427.9	156.0	52.0	12.0	0.14	0.4	479
32S/14E-19A01 M	771013	8.0	1195	726	110.0	61.0	54.0	1.1	447.5	164.0	58.0	25.5	0.10	0.6	525
32S/14E-19D01 M	610302	7.7	1225		126.0	69.0	58.0	1.0	453.5	259.0	60.0	12.0	0.13	0.2	598
32S/14E-19D03 M	640604	7.7	2750	2150	208.0	163.0	198.0		486.5	245.0	642.0	59.0	0.22	0.2	1190

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State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
Pismo Creek Valley Subbasin															
32S/12E-12R01 M	631016	7.8	2050	1440	168.0	21.0	390.0	22.0	1185.1	70.0	219.0	3.6	1.12	0.2	506
32S/12E-12R01 M	640708	8.4	2700	2152	202.0	126.0	290.0	12.0	557.2	677.0	355.0	0.0	1.00	0.4	1023
32S/12E-12R02 M	630501	7.7	2175	1409	68.0	75.0	361.0	27.0	1074.1	94.0	213.0	2.5	0.90	0.5	478
32S/12E-12R02 M	630828	7.6	2400	1472	137.0	38.0	405.0	24.0	1265.5	59.0	211.0	0.0	1.10	0.1	499
32S/12E-12R02 M	631016	8.1	1875	1270	145.0	41.0	298.0	18.0	1198.5	4.0	149.0	6.4	1.52	0.2	531
32S/12E-12R03 M	671004	7.9	2153	1346	79.0	88.0	300.0	18.0	1215.6	1.0	143.0	23.0	1.50	0.4	559
32S/12E-13A01 M	520716	7.3	2960	2080	180.0	158.0	305.0	12.0	652.3	680.0	290.0	81.0	0.57	0.4	1099
32S/12E-13A01 M	540928	8.0	2900		159.0	157.0	285.0	11.0	508.4	740.0	314.0	41.5		0.6	1043
32S/12E-13A01 M	541029	7.4	2740		162.0	158.0	272.0	13.0	514.5	737.0	307.0	39.2	0.72	0.6	1054
32S/12E-13A01 M	550518	7.8	3050	2040	145.0	175.0	301.0	13.0	574.3	716.0	312.0	34.0	0.96	1.2	1082
32S/12E-13A01 M	630306	7.1	2907	2115	171.0	155.0	300.0	14.0	614.5	724.0	298.0	35.0	0.92	0.8	1065
32S/12E-13A01 M	630828	7.4	2700	2056	164.0	139.0	310.0	12.0	625.5	727.0	296.0	24.0	0.84	0.8	981
32S/12E-13A01 M	670927	8.1	2771	2002	150.0	148.0	285.0	11.0	621.8	648.0	285.0	22.0	0.78	1.0	984
32S/12E-13C02 M	661017	8.3	1210	789	111.0	63.0	58.0	4.0	510.9	178.0	49.0	5.5	0.20		536
32S/12E-13J01 M	540928	7.4	3180		128.0	138.0	351.0	17.0	815.7	262.0	517.0	8.1	0.38	0.2	888
32S/12E-13J01 M	541029	7.9	2985		127.0	140.0	344.0	18.0	797.4	252.0	504.0	6.9	0.62	0.2	893
32S/12E-13J01 M	570829	8.1	3410	2391	133.0	150.0	383.0	16.0	842.5	273.0	600.0	0.0	1.00	0.2	950
32S/12E-13J01 M	590727	7.0	3105	2230	127.0	141.0	360.0	13.0	816.9	314.0	514.0	0.0	0.46	0.3	898
32S/12E-13J01 M	600929	7.7	2220		105.0	107.0	234.0	13.0	848.6	195.0	242.0	1.7	1.05	1.1	703
32S/12E-13J01 M	611108	7.2	3086	1889	126.0	135.0	354.0	14.0	826.6	246.0	515.0	1.5	0.65	0.6	870
32S/12E-13J01 M	621010	7.3	2500	1616	116.0	122.0	310.0	11.0	810.8	235.0	400.0	4.0	0.75	0.2	792
32S/12E-13J01 M	630306	7.4	2326	1450	114.0	110.0	255.0	14.0	833.9	204.0	280.0	5.0	0.84	0.7	738
32S/12E-13J01 M	630829	7.3	2700	1736	145.0	108.0	335.0	13.0	796.1	246.0	435.0	0.0	0.83	0.2	807
32S/12E-13J01 M	630926	7.4	2500	1776	152.0	94.0	310.0	15.0	796.1	253.0	442.0	0.0	0.93	0.4	766
32S/12E-13J01 M	640618	8.0	2450	1766	163.0	98.0	302.0	14.0	804.7	246.0	418.0	4.0	0.84	0.2	810
32S/12E-13J01 M	651007	7.9	3142	1929	139.0	140.0	340.0	12.0	803.5	248.0	533.0	0.0	0.90	0.6	923
32S/12E-13J01 M	670926	8.4	2769	1711	103.0	134.0	308.0	14.0	820.5	215.0	420.0	2.5	0.80	0.5	809
32S/12E-13J03 M	630306	7.2	3356	2270	203.0	115.0	355.0	6.0	203.6	580.0	678.0	48.0	0.28	1.9	980
32S/12E-13J03 M	640708	7.2	3000	2358	230.0	107.0	385.0	6.0	200.0	536.0	766.0	32.0	0.28	1.6	1015
Nipomo Valley Subbasin															
11N/34W-04J01 S	770121	7.3	917		56.0	62.0	64.0		341.4	199.0	41.0			0.6	395
11N/34W-04J01 S	770728	7.9		670	66.0	50.0	60.0	1.4	321.9	159.0	47.0	3.5		0.7	370
11N/34W-04J01 S	780707	8.4	800		74.0	46.0	50.0	2.3	280.4	182.0	46.0	18.0		0.7	374

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Groundwater Quality Data, Arroyo Grande - Nipomo Mesa Area

State Well No.	Date yr/mo/da	pH lab	EC lab	TDS@180°C mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	B mg/L	Fl mg/L	Total Hard- ness, mg/L
11N/34W-04Q01 S	640717	7.9	1110	846	72.0	45.0	137.0	3.0	412.1	219.0	54.0	21.0	0.10	0.2	365
11N/34W-05H01 S	640717	8.2	1120	748	109.0	57.0	66.0	1.0	423.1	159.0	81.0	15.0	0.05	0.4	507
11N/34W-05N01 S	691010	7.2	1380	912	83.0	69.0	138.0	9.0	445.0	285.0	99.0	0.5	0.04	0.3	491
11N/34W-06F01 S	620711	8.0	1400	878	95.0	57.0	118.0	5.0	396.2	178.0	152.0	0.0	0.12	0.2	472
11N/34W-06F01 S	640717	8.0	1290	856	84.0	67.0	106.0	4.0	342.6	228.0	151.0	0.0	0.12	0.2	485
11N/34W-06G01 S	751007	8.1	1353	778	101.0	61.0	94.0	4.3	336.5	217.0	149.0	0.0	0.56	0.5	505
11N/34W-08G01 S	940811	7.7	1300	860	78.0	51.0	150.0	2.0	400.0	240.0	160.0	2.4	0.10	1.7	410
11N/34W-08R01 S	751007	8.2	2052	1210	148.0	86.0	170.0	2.3	688.9	137.0	258.0	54.0	0.80	0.4	726
11N/34W-08R02 S	691010	7.1	1461	898	128.0	74.0	104.0	2.0	602.3	126.0	154.0	11.2	0.09	0.5	624
11N/34W-09P01 S	751007	8.1	1309	731	90.0	68.0	91.0	1.6	421.8	155.0	128.0	8.7	0.62	0.7	504
11N/34W-09P01 S	771025	8.3	1246	747	68.0	59.0	106.0	4.0	332.8	202.0	115.0	1.4	0.07	0.5	412
11N/34W-17A02 S	850110			850			90.0			180.0	130.0				
11N/34W-17A02 S	960226	7.1	1500	970	110.0	76.0	95.0	6.0	560.0	220.0	110.0	0.4	0.10	0.1	600
11N/34W-17A02 S	990223	7.1	1700	1100	140.0	90.0	110.0	6.0	580.0	250.0	130.0	0.4	0.20	0.2	720
11N/34W-17A02 S	001220			950			99.0			239.0	124.0	0.4	0.10		
11N/34W-17B01 S	691010	7.2	1276	831	108.0	63.0	97.0	2.0	446.2	171.0	120.0	34.8	0.04	0.7	529
11N/34W-17B05 S	920220	7.5	1500	910	87.0	66.0	110.0	9.0	490.0	200.0	140.0	3.5		<0.1	510
11N/34W-27D01 S	680731	7.3	752	405	36.0	22.0	87.0	2.0	197.5	69.0	80.0	32.0	0.04	0.2	180
11N/34W-27E01 S	751008	8.2	961	472	46.0	38.0	90.0	5.9	267.0	76.0	126.0	0.0	0.60	0.4	270
11N/34W-27G02 S	751008	8.3	1467	879	115.0	59.0	110.0	2.7	381.6	140.0	184.0	62.0	0.99	0.2	528
12N/34W-31F01 S	751007	8.2	1382	924	144.0	67.0	58.0	4.3	342.6	338.0	102.0	0.0	0.51	0.6	638
12N/34W-31M01 S	620711	8.0	1550	1190	182.0	83.0	55.0	2.0	434.0	405.0	109.0	0.0	0.07	0.2	796
12N/35W-36R S	950301	7.1	1400	1300	110.0	77.0	140.0	13.0	390.1	340.0	130.0	nd		0.2	590
12N/35W-36R01 S	620823	7.1	780	622	41.0	30.0	62.0	3.0	78.0	51.0	177.0	4.0	0.03	0.4	226
12N/35W-36R01 S	640717	7.6	940	578	60.0	37.0	83.0	4.0	147.5	86.0	194.0	2.0	0.05	0.2	302

Department of Water Resources, Southern District, Water Resources of the Arroyo Grande - Nipomo Mesa Area, 2002

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□ Appendix F

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