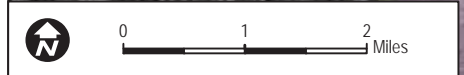


- Well 6
- ▭ Jacumba Community Services District
- fault, approximately located
- fault, certain, apparent scarp
- fault, concealed
- - - - fault, inferred
- - - fault, queried
- Jsp, Migmatitic schist and gneiss of Stephenson Peak
- KJvs, Metavolcanic and metasedimentary rocks
- Kgm, Tonalite of Granite Mountain
- Kih, Indian Hill granodiorite of Parrish and others
- Klp, Tonalite of La Posta
- Qoa, Older alluvium
- Qt, Terrace deposits
- Qya, Young alluvium
- Ta, Anza Formation
- Tj, Jacumba Volcanics



MEXICO

DUDEK

SOURCE: NOAA, TODD 2004.

7122
DECEMBER 2013

FINAL GROUNDWATER RESOURCES INVESTIGATION REPORT - JACUMBA COMMUNITY SERVICES DISTRICT

FIGURE 8
IFSAR DIGITAL ELEVATION MODEL

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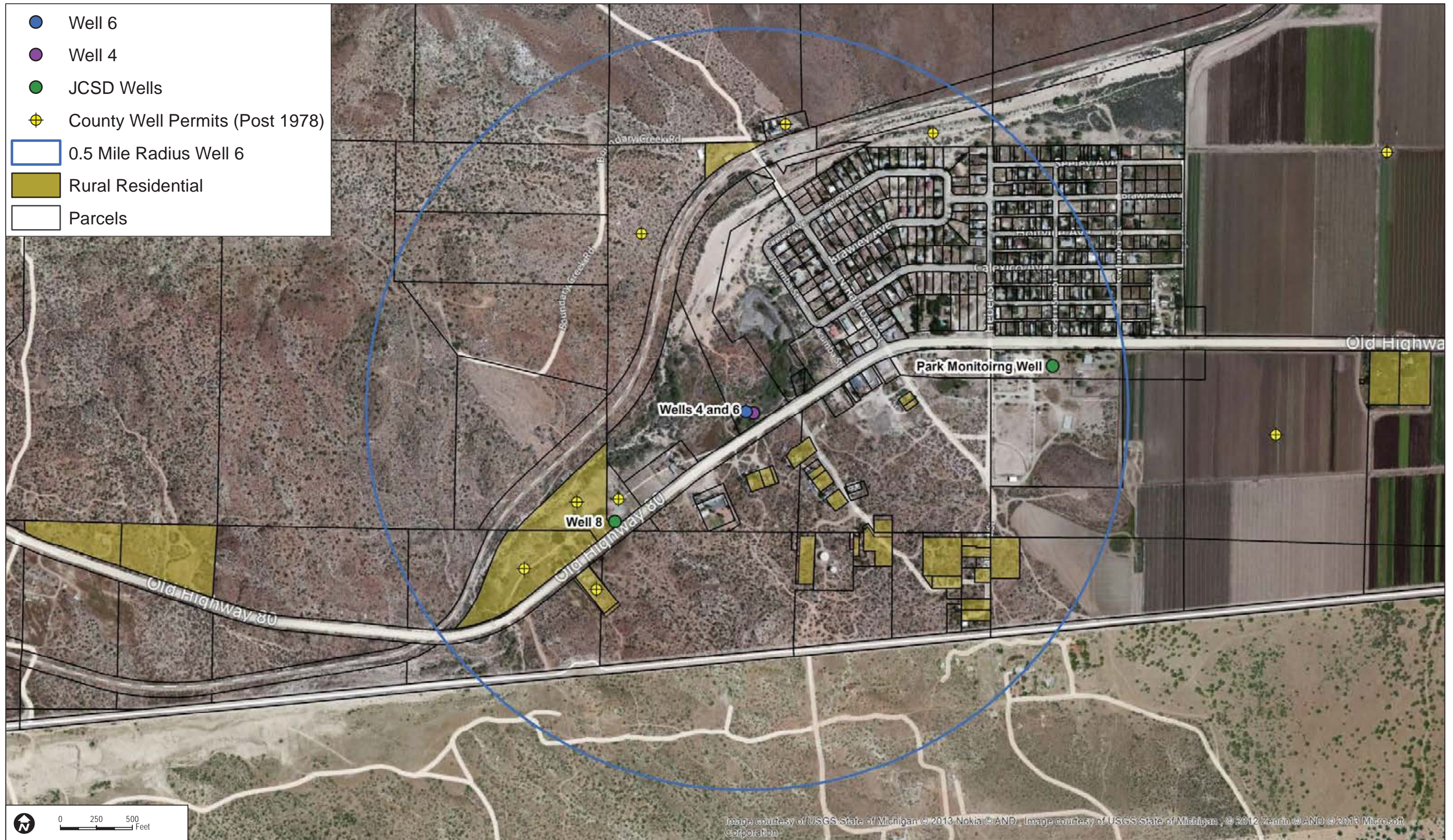
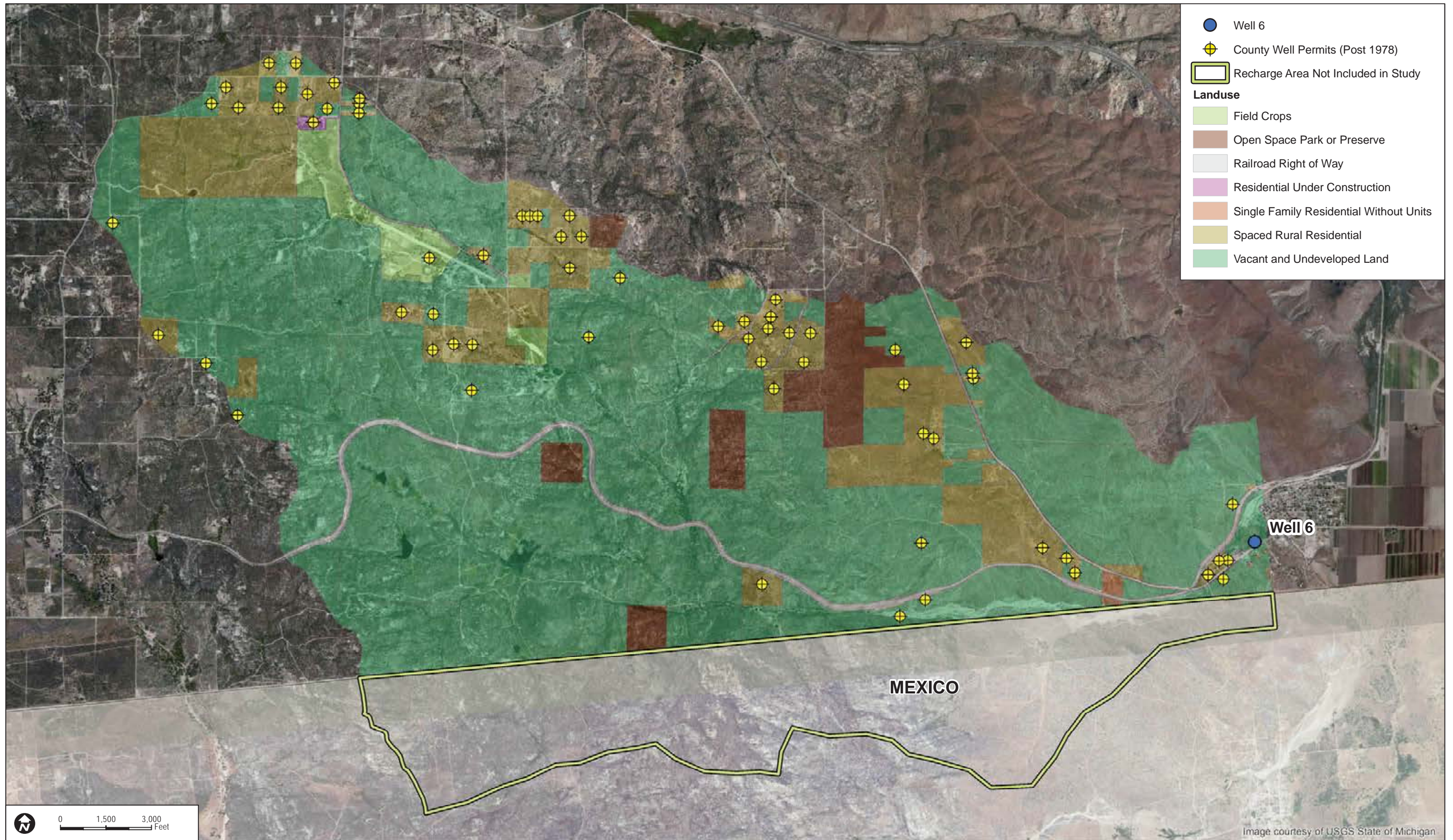
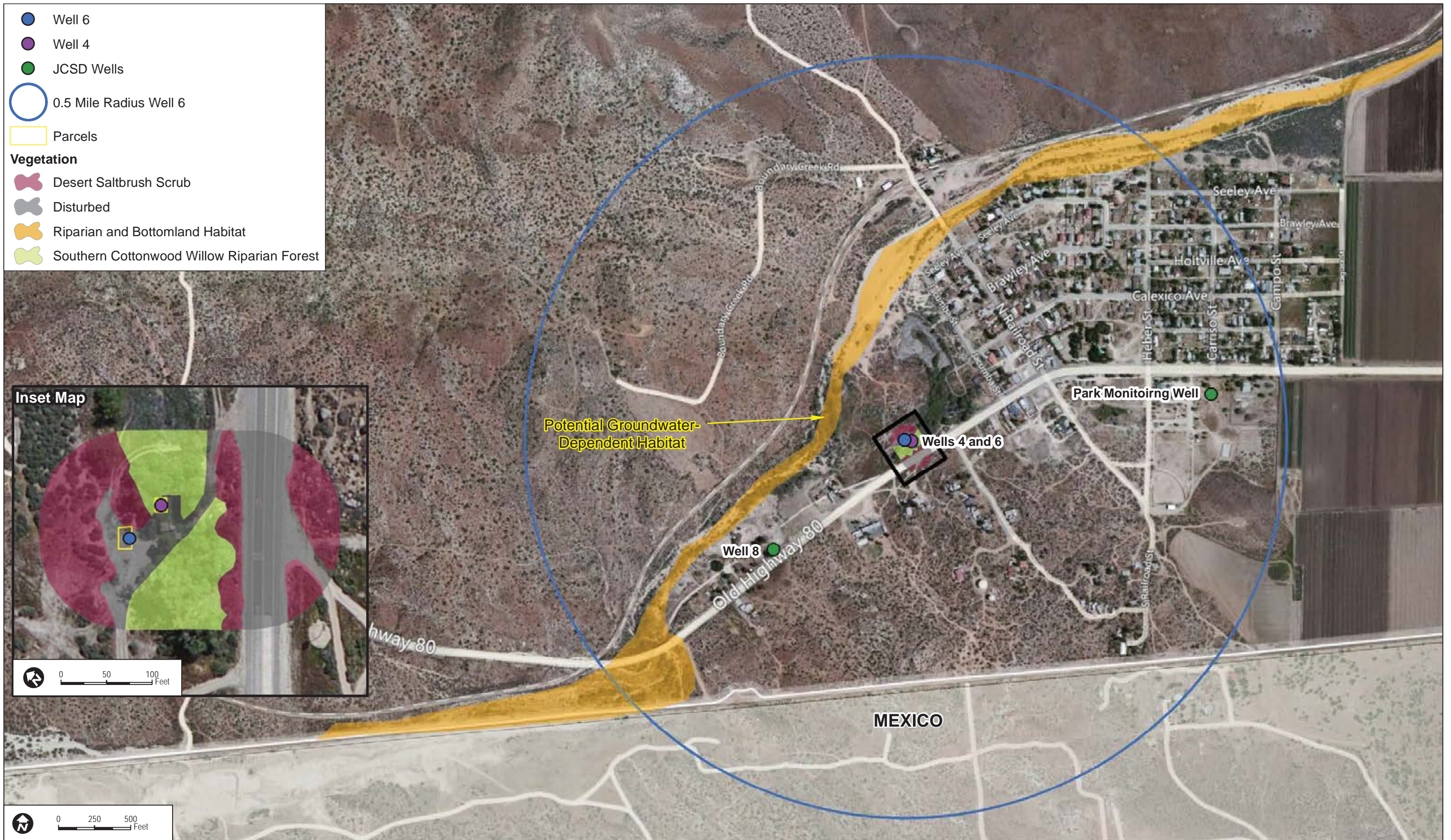


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INTENTIONALLY LEFT BLANK



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- Well 6
- Well 4
- JCSD Wells
- 0.5 Mile Radius Well 6
- Parcels
- Vegetation**
- █ Desert Saltbrush Scrub
- █ Disturbed
- █ Riparian and Bottomland Habitat
- █ Southern Cottonwood Willow Riparian Forest



DUDEK

SOURCE: Bing Maps, SanGIS, Dudek 2012, AECOM 2011

7122
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FINAL GROUNDWATER RESOURCES INVESTIGATION REPORT - JACUMBA COMMUNITY SERVICES DISTRICT

FIGURE 11
Potential Groundwater-Dependent Vegetation

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APPENDIX A

Well Logs

(Confidential; not included)

APPENDIX B

Groundwater Recharge Spreadsheet Calculations

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.30	0.78	0.33	0.03	29.10	0.00	-143.56	48.20	0.00	5465.90
Aug-1982	8.37	0.70	0.56	0.05	29.10	0.00	-125.00	8.27	0.00	5436.80
Sep-1982	6.30	0.53	0.37	0.03	24.25	0.00	-94.87	2.80	0.00	5412.55
Oct-1982	4.34	0.36	0.13	0.01	21.83	0.00	-67.38	1.36	0.00	5390.73
Nov-1982	2.40	0.20	4.38	0.36	16.98	0.51	23.29	22.36	135.11	5495.00
Dec-1982	1.55	0.13	3.41	0.28	14.55	0.31	24.80	36.48	892.37	5495.00
Jan-1983	1.55	0.13	2.21	0.18	14.55	0.13	8.55	43.02	377.80	5495.00
Feb-1983	2.52	0.21	4.77	0.40	12.13	0.60	26.10	46.51	1351.86	5495.00
Mar-1983	4.03	0.34	9.83	0.82	14.55	2.17	56.59	48.20	2975.21	5495.00
Apr-1983	5.70	0.48	2.21	0.18	16.98	0.13	-57.90	48.20	0.00	5478.03
May-1983	7.75	0.65	0.19	0.02	21.83	0.00	-120.94	8.68	0.00	5456.20
Jun-1983	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	1.81	0.00	5429.53
Jul-1983	9.30	0.78	0.01	0.00	29.10	0.00	-148.61	0.40	0.00	5400.43
Aug-1983	8.37	0.70	4.02	0.33	29.10	0.43	-76.68	0.19	0.00	5371.33
Sep-1983	6.30	0.53	0.67	0.06	24.25	0.00	-90.08	0.08	0.00	5347.08
Oct-1983	4.34	0.36	1.15	0.10	21.83	0.01	-51.11	0.05	0.00	5325.25
Nov-1983	2.40	0.20	2.43	0.20	16.98	0.16	-2.02	0.18	0.00	5308.28
Dec-1983	1.55	0.13	0.99	0.08	18.38	0.01	-9.06	0.15	0.00	5289.90
Jan-1984	1.55	0.13	0.12	0.01	18.38	0.00	-22.93	0.10	0.00	5271.52
Feb-1984	2.52	0.21	0.00	0.00	15.96	0.00	-40.32	0.05	0.00	5255.56
Mar-1984	4.03	0.34	0.04	0.00	18.38	0.00	-63.86	0.02	0.00	5237.18
Apr-1984	5.70	0.48	0.24	0.02	20.81	0.00	-87.39	0.01	0.00	5216.38
May-1984	7.75	0.65	0.00	0.00	25.66	0.00	-124.00	0.00	0.00	5190.72
Jun-1984	8.70	0.73	0.55	0.05	30.51	0.00	-130.47	0.00	0.00	5160.22
Jul-1984	9.30	0.78	1.49	0.12	32.93	0.09	-126.08	0.00	0.00	5127.29
Aug-1984	8.37	0.70	2.27	0.19	32.93	0.14	-99.68	0.00	0.00	5094.36
Sep-1984	6.30	0.53	0.66	0.06	28.08	0.00	-90.20	0.00	0.00	5066.28
Oct-1984	4.34	0.36	0.18	0.01	25.66	0.00	-66.57	0.00	0.00	5040.62
Nov-1984	2.40	0.20	1.42	0.12	20.81	0.08	-16.89	0.00	0.00	5019.82
Dec-1984	1.55	0.13	4.22	0.35	14.55	0.47	34.89	28.38	442.03	5447.29
Jan-1985	1.55	0.13	1.58	0.13	14.55	0.09	-0.82	28.26	0.00	5432.74
Feb-1985	2.52	0.21	1.45	0.12	12.13	0.09	-18.27	31.25	0.00	5420.62
Mar-1985	4.03	0.34	0.27	0.02	14.55	0.00	-60.24	13.35	0.00	5406.07
Apr-1985	5.70	0.48	0.04	0.00	16.98	0.00	-90.58	4.65	0.00	5389.09
May-1985	7.75	0.65	0.09	0.01	21.83	0.00	-122.56	1.28	0.00	5367.27
Jun-1985	8.70	0.73	1.72	0.14	26.68	0.10	-113.03	0.43	0.00	5340.59
Jul-1985	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.11	0.00	5311.49
Aug-1985	8.37	0.70	0.33	0.03	29.10	0.00	-128.62	0.03	0.00	5282.39

Groundwater Resources Investigation Report, Jacumba Community Services District
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Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1985	6.30	0.53	0.68	0.06	24.25	0.00	-89.89	0.02	0.00	5258.14
Oct-1985	4.34	0.36	4.49	0.37	21.83	0.53	-6.38	0.51	0.00	5236.32
Nov-1985	2.40	0.20	1.75	0.15	16.98	0.10	-11.82	0.38	0.00	5219.34
Dec-1985	1.55	0.13	0.00	0.00	14.55	0.00	-24.80	0.22	0.00	5204.79
Jan-1986	1.55	0.13	0.74	0.06	14.55	0.00	-12.90	0.16	0.00	5190.24
Feb-1986	2.52	0.21	3.50	0.29	12.13	0.32	10.38	10.50	2.36	5180.47
Mar-1986	4.03	0.34	3.44	0.29	14.55	0.31	-14.58	8.13	0.00	5165.92
Apr-1986	5.70	0.48	0.28	0.02	16.98	0.00	-86.77	1.73	0.00	5148.95
May-1986	7.75	0.65	0.01	0.00	21.83	0.00	-123.81	0.35	0.00	5127.12
Jun-1986	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.07	0.00	5100.45
Jul-1986	9.30	0.78	0.35	0.03	29.10	0.00	-143.25	0.02	0.00	5071.35
Aug-1986	8.37	0.70	0.06	0.00	29.10	0.00	-132.98	0.00	0.00	5042.25
Sep-1986	6.30	0.53	1.31	0.11	24.25	0.08	-81.01	0.00	0.00	5018.00
Oct-1986	4.34	0.36	2.10	0.17	21.83	0.12	-37.71	0.00	0.00	4996.17
Nov-1986	2.40	0.20	0.57	0.05	16.98	0.00	-29.35	0.00	0.00	4979.20
Dec-1986	1.55	0.13	0.71	0.06	14.55	0.00	-13.39	0.00	0.00	4964.65
Jan-1987	1.55	0.13	1.64	0.14	14.55	0.09	0.19	0.54	0.00	4950.10
Feb-1987	2.52	0.21	2.53	0.21	12.13	0.17	-2.48	0.58	0.00	4937.97
Mar-1987	4.03	0.34	2.55	0.21	14.55	0.17	-26.31	0.38	0.00	4923.42
Apr-1987	5.70	0.48	0.20	0.02	16.98	0.00	-88.08	0.11	0.00	4906.45
May-1987	7.75	0.65	0.08	0.01	21.83	0.00	-122.69	0.03	0.00	4884.62
Jun-1987	8.70	0.73	0.01	0.00	26.68	0.00	-139.01	0.01	0.00	4857.95
Jul-1987	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.00	0.00	4828.85
Aug-1987	8.37	0.70	0.64	0.05	29.10	0.00	-123.63	0.00	0.00	4799.75
Sep-1987	6.30	0.53	0.48	0.04	24.25	0.00	-93.19	0.00	0.00	4775.50
Oct-1987	4.34	0.36	3.10	0.26	21.83	0.25	-23.91	0.00	0.00	4753.67
Nov-1987	2.40	0.20	2.46	0.20	16.98	0.16	-1.59	0.35	0.00	4736.70
Dec-1987	1.55	0.13	1.81	0.15	14.55	0.10	2.65	3.00	0.00	4722.15
Jan-1988	1.55	0.13	3.46	0.29	14.55	0.32	25.40	26.04	222.29	4929.89
Feb-1988	2.52	0.21	1.93	0.16	12.13	0.11	-11.08	23.01	0.00	4917.76
Mar-1988	4.03	0.34	0.71	0.06	14.55	0.00	-53.07	8.14	0.00	4903.21
Apr-1988	5.70	0.48	2.46	0.21	16.98	0.16	-54.33	3.64	0.00	4886.24
May-1988	7.75	0.65	0.35	0.03	21.83	0.00	-118.32	0.81	0.00	4864.41
Jun-1988	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.17	0.00	4837.74
Jul-1988	9.30	0.78	0.02	0.00	29.10	0.00	-148.43	0.04	0.00	4808.64
Aug-1988	8.37	0.70	1.63	0.14	29.10	0.09	-109.05	0.01	0.00	4779.54
Sep-1988	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.01	0.00	4755.29
Oct-1988	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4733.46
Nov-1988	2.40	0.20	1.07	0.09	16.98	0.01	-21.30	0.00	0.00	4716.49

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-1988	1.55	0.13	2.10	0.17	14.55	0.12	6.93	6.71	10.90	4712.84
Jan-1989	1.55	0.13	1.05	0.09	14.55	0.01	-8.13	5.59	0.00	4698.29
Feb-1989	2.52	0.21	1.17	0.10	12.13	0.01	-21.62	3.43	0.00	4686.17
Mar-1989	4.03	0.34	1.63	0.14	14.55	0.09	-39.61	1.74	0.00	4671.62
Apr-1989	5.70	0.48	0.21	0.02	16.98	0.00	-87.89	0.52	0.00	4654.64
May-1989	7.75	0.65	0.13	0.01	21.83	0.00	-121.94	0.12	0.00	4632.82
Jun-1989	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.03	0.00	4606.14
Jul-1989	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.01	0.00	4577.04
Aug-1989	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4547.94
Sep-1989	6.30	0.53	0.17	0.01	24.25	0.00	-98.12	0.00	0.00	4523.69
Oct-1989	4.34	0.36	0.35	0.03	21.83	0.00	-63.76	0.00	0.00	4501.87
Nov-1989	2.40	0.20	0.03	0.00	16.98	0.00	-37.90	0.00	0.00	4484.89
Dec-1989	1.55	0.13	0.29	0.02	14.55	0.00	-20.18	0.00	0.00	4470.34
Jan-1990	1.55	0.13	3.03	0.25	14.55	0.24	19.85	18.43	68.10	4523.89
Feb-1990	2.52	0.21	1.76	0.15	12.13	0.10	-13.57	13.59	0.00	4511.76
Mar-1990	4.03	0.34	0.69	0.06	14.55	0.00	-53.44	4.90	0.00	4497.21
Apr-1990	5.70	0.48	0.98	0.08	16.98	0.00	-75.58	1.68	0.00	4480.24
May-1990	7.75	0.65	0.23	0.02	21.83	0.00	-120.38	0.40	0.00	4458.41
Jun-1990	8.70	0.73	0.22	0.02	26.68	0.00	-135.71	0.09	0.00	4431.74
Jul-1990	9.30	0.78	0.11	0.01	29.10	0.00	-147.05	0.02	0.00	4402.64
Aug-1990	8.37	0.70	0.18	0.01	29.10	0.00	-131.05	0.01	0.00	4373.54
Sep-1990	6.30	0.53	0.62	0.05	24.25	0.00	-90.95	0.00	0.00	4349.29
Oct-1990	4.34	0.36	0.04	0.00	21.83	0.00	-68.82	0.00	0.00	4327.46
Nov-1990	2.40	0.20	0.55	0.05	16.98	0.00	-29.54	0.00	0.00	4310.49
Dec-1990	1.55	0.13	1.29	0.11	14.55	0.08	-5.32	0.00	0.00	4295.94
Jan-1991	1.55	0.13	1.34	0.11	14.55	0.08	-4.52	0.00	0.00	4281.39
Feb-1991	2.52	0.21	2.21	0.18	12.13	0.13	-6.97	0.00	0.00	4269.26
Mar-1991	4.03	0.34	12.06	1.01	14.55	3.01	78.57	43.19	2594.09	5495.00
Apr-1991	5.70	0.48	0.05	0.00	16.98	0.00	-90.39	31.83	0.00	5478.03
May-1991	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	3.99	0.00	5456.20
Jun-1991	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.69	0.00	5429.53
Jul-1991	9.30	0.78	0.61	0.05	29.10	0.00	-139.01	0.15	0.00	5400.43
Aug-1991	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.04	0.00	5371.33
Sep-1991	6.30	0.53	0.35	0.03	24.25	0.00	-95.18	0.01	0.00	5347.08
Oct-1991	4.34	0.36	0.58	0.05	21.83	0.00	-60.21	0.01	0.00	5325.25
Nov-1991	2.40	0.20	0.30	0.02	16.98	0.00	-33.66	0.01	0.00	5308.28
Dec-1991	1.55	0.13	2.80	0.23	14.55	0.21	16.72	15.59	54.27	5347.99
Jan-1992	1.55	0.13	2.68	0.22	14.55	0.19	15.13	26.96	255.93	5495.00
Feb-1992	2.52	0.21	5.00	0.42	12.13	0.66	28.82	45.76	1295.75	5495.00

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Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-1992	4.03	0.34	4.89	0.41	14.55	0.63	3.28	46.04	333.51	5495.00
Apr-1992	5.70	0.48	0.67	0.06	16.98	0.00	-80.41	35.97	0.00	5478.03
May-1992	7.75	0.65	0.23	0.02	21.83	0.00	-120.38	7.06	0.00	5456.20
Jun-1992	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	1.54	0.00	5429.53
Jul-1992	9.30	0.78	0.74	0.06	29.10	0.00	-136.90	0.40	0.00	5400.43
Aug-1992	8.37	0.70	2.03	0.17	29.10	0.12	-103.20	0.15	0.00	5371.33
Sep-1992	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.06	0.00	5347.08
Oct-1992	4.34	0.36	0.24	0.02	21.83	0.00	-65.63	0.03	0.00	5325.25
Nov-1992	2.40	0.20	0.06	0.00	16.98	0.00	-37.46	0.02	0.00	5308.28
Dec-1992	1.55	0.13	4.00	0.33	14.55	0.42	32.20	26.95	334.54	5495.00
Jan-1993	1.55	0.13	18.44	1.54	14.55	5.63	177.36	48.20	9031.91	5495.00
Feb-1993	2.52	0.21	6.45	0.54	12.13	1.05	45.30	48.20	2362.45	5495.00
Mar-1993	4.03	0.34	1.51	0.13	14.55	0.09	-41.46	48.20	0.00	5480.45
Apr-1993	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	12.52	0.00	5463.48
May-1993	7.75	0.65	0.12	0.01	21.83	0.00	-122.13	3.01	0.00	5441.65
Jun-1993	8.70	0.73	0.16	0.01	26.68	0.00	-136.64	0.71	0.00	5414.98
Jul-1993	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.17	0.00	5385.88
Aug-1993	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.05	0.00	5356.78
Sep-1993	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.02	0.00	5332.53
Oct-1993	4.34	0.36	0.30	0.02	21.83	0.00	-64.70	0.01	0.00	5310.70
Nov-1993	2.40	0.20	1.48	0.12	16.98	0.09	-15.92	0.01	0.00	5293.73
Dec-1993	1.55	0.13	1.15	0.10	14.55	0.01	-6.47	0.01	0.00	5279.18
Jan-1994	1.55	0.13	1.68	0.14	14.55	0.09	0.84	1.06	0.00	5264.63
Feb-1994	2.52	0.21	4.11	0.34	12.13	0.45	18.03	18.10	54.06	5306.56
Mar-1994	4.03	0.34	3.11	0.26	14.55	0.25	-18.79	13.91	0.00	5292.01
Apr-1994	5.70	0.48	1.34	0.11	16.98	0.08	-70.92	3.64	0.00	5275.04
May-1994	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.71	0.00	5253.21
Jun-1994	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.15	0.00	5226.54
Jul-1994	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.03	0.00	5197.44
Aug-1994	8.37	0.70	1.21	0.10	29.10	0.08	-115.75	0.01	0.00	5168.34
Sep-1994	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.00	0.00	5144.09
Oct-1994	4.34	0.36	0.19	0.02	21.83	0.00	-66.38	0.00	0.00	5122.26
Nov-1994	2.40	0.20	0.68	0.06	16.98	0.00	-27.55	0.00	0.00	5105.29
Dec-1994	1.55	0.13	0.96	0.08	14.55	0.00	-9.43	0.00	0.00	5090.74
Jan-1995	1.55	0.13	10.03	0.84	14.55	2.24	98.27	46.52	3581.17	5495.00
Feb-1995	2.52	0.21	3.25	0.27	12.13	0.28	7.16	46.98	372.62	5495.00
Mar-1995	4.03	0.34	6.56	0.55	14.55	1.09	22.38	48.20	1186.03	5495.00
Apr-1995	5.70	0.48	1.25	0.10	16.98	0.08	-72.34	48.20	0.00	5478.03
May-1995	7.75	0.65	1.09	0.09	21.83	0.01	-106.59	10.34	0.00	5456.20

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-1995	8.70	0.73	0.48	0.04	26.68	0.00	-131.59	2.30	0.00	5429.53
Jul-1995	9.30	0.78	0.06	0.00	29.10	0.00	-147.86	0.50	0.00	5400.43
Aug-1995	8.37	0.70	0.64	0.05	29.10	0.00	-123.75	0.15	0.00	5371.33
Sep-1995	6.30	0.53	0.28	0.02	24.25	0.00	-96.31	0.06	0.00	5347.08
Oct-1995	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.03	0.00	5325.25
Nov-1995	2.40	0.20	0.08	0.01	16.98	0.00	-37.15	0.02	0.00	5308.28
Dec-1995	1.55	0.13	0.57	0.05	14.55	0.00	-15.75	0.02	0.00	5293.73
Jan-1996	1.55	0.13	1.52	0.13	14.55	0.09	-1.60	0.02	0.00	5279.18
Feb-1996	2.52	0.21	3.17	0.26	12.13	0.26	6.19	6.42	0.00	5267.05
Mar-1996	4.03	0.34	2.73	0.23	14.55	0.20	-23.91	4.00	0.00	5252.50
Apr-1996	5.70	0.48	0.53	0.04	16.98	0.00	-82.78	1.00	0.00	5235.53
May-1996	7.75	0.65	0.07	0.01	21.83	0.00	-122.88	0.21	0.00	5213.70
Jun-1996	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.04	0.00	5187.03
Jul-1996	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.01	0.00	5157.93
Aug-1996	8.37	0.70	0.07	0.01	29.10	0.00	-132.80	0.00	0.00	5128.83
Sep-1996	6.30	0.53	0.03	0.00	24.25	0.00	-100.30	0.00	0.00	5104.58
Oct-1996	4.34	0.36	1.54	0.13	21.83	0.09	-46.00	0.00	0.00	5082.75
Nov-1996	2.40	0.20	0.91	0.08	16.98	0.00	-23.83	0.00	0.00	5065.78
Dec-1996	1.55	0.13	1.97	0.16	14.55	0.11	5.01	4.96	2.30	5053.53
Jan-1997	1.55	0.13	4.29	0.36	14.55	0.49	35.85	31.61	697.55	5495.00
Feb-1997	2.52	0.21	1.51	0.13	12.13	0.09	-17.30	27.11	0.00	5482.88
Mar-1997	4.03	0.34	0.02	0.00	14.55	0.00	-64.17	8.19	0.00	5468.33
Apr-1997	5.70	0.48	0.22	0.02	16.98	0.00	-87.71	2.47	0.00	5451.35
May-1997	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.58	0.00	5429.53
Jun-1997	8.70	0.73	0.07	0.01	26.68	0.00	-138.08	0.13	0.00	5402.85
Jul-1997	9.30	0.78	1.91	0.16	29.10	0.11	-119.74	0.04	0.00	5373.75
Aug-1997	8.37	0.70	0.16	0.01	29.10	0.00	-131.36	0.01	0.00	5344.65
Sep-1997	6.30	0.53	1.74	0.15	24.25	0.10	-74.28	0.01	0.00	5320.40
Oct-1997	4.34	0.36	4.17	0.35	21.83	0.46	-10.32	0.01	0.00	5298.58
Nov-1997	2.40	0.20	0.00	0.00	16.98	0.00	-38.40	0.00	0.00	5281.60
Dec-1997	1.55	0.13	0.00	0.00	14.55	0.00	-24.80	0.00	0.00	5267.05
Jan-1998	1.55	0.13	1.59	0.13	14.55	0.09	-0.58	0.11	0.00	5252.50
Feb-1998	2.52	0.21	10.27	0.86	12.13	2.33	85.20	45.23	2914.75	5495.00
Mar-1998	4.03	0.34	4.36	0.36	14.55	0.50	-3.07	44.87	116.90	5495.00
Apr-1998	5.70	0.48	2.17	0.18	16.98	0.13	-58.40	30.77	0.00	5478.03
May-1998	7.75	0.65	1.16	0.10	21.83	0.01	-105.55	6.20	0.00	5456.20
Jun-1998	8.70	0.73	0.02	0.00	26.68	0.00	-138.83	1.13	0.00	5429.53
Jul-1998	9.30	0.78	0.10	0.01	29.10	0.00	-147.18	0.22	0.00	5400.43
Aug-1998	8.37	0.70	0.20	0.02	29.10	0.00	-130.74	0.06	0.00	5371.33

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1998	6.30	0.53	0.20	0.02	24.25	0.00	-97.62	0.02	0.00	5347.08
Oct-1998	4.34	0.36	0.04	0.00	21.83	0.00	-68.88	0.01	0.00	5325.25
Nov-1998	2.40	0.20	1.16	0.10	16.98	0.01	-19.95	0.01	0.00	5308.28
Dec-1998	1.55	0.13	1.41	0.12	14.55	0.08	-3.41	0.01	0.00	5293.73
Jan-1999	1.55	0.13	1.65	0.14	14.55	0.09	0.25	0.59	0.00	5279.18
Feb-1999	2.52	0.21	0.82	0.07	12.13	0.00	-27.18	0.37	0.00	5267.05
Mar-1999	4.03	0.34	0.62	0.05	14.55	0.00	-54.56	0.17	0.00	5252.50
Apr-1999	5.70	0.48	3.28	0.27	16.98	0.28	-43.32	0.10	0.00	5235.53
May-1999	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.03	0.00	5213.70
Jun-1999	8.70	0.73	0.46	0.04	26.68	0.00	-131.90	0.01	0.00	5187.03
Jul-1999	9.30	0.78	0.36	0.03	29.10	0.00	-143.06	0.00	0.00	5157.93
Aug-1999	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	5128.83
Sep-1999	6.30	0.53	0.14	0.01	24.25	0.00	-98.62	0.00	0.00	5104.58
Oct-1999	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	5082.75
Nov-1999	2.40	0.20	0.00	0.00	16.98	0.00	-38.40	0.00	0.00	5065.78
Dec-1999	1.55	0.13	0.21	0.02	14.55	0.00	-21.49	0.00	0.00	5051.23
Jan-2000	1.55	0.13	0.74	0.06	14.55	0.00	-12.96	0.00	0.00	5036.68
Feb-2000	2.52	0.21	4.17	0.35	12.13	0.46	18.75	17.74	53.28	5077.83
Mar-2000	4.03	0.34	1.46	0.12	14.55	0.09	-42.30	9.91	0.00	5063.28
Apr-2000	5.70	0.48	0.46	0.04	16.98	0.00	-83.90	2.07	0.00	5046.30
May-2000	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.43	0.00	5024.48
Jun-2000	8.70	0.73	0.21	0.02	26.68	0.00	-135.89	0.10	0.00	4997.80
Jul-2000	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.02	0.00	4968.70
Aug-2000	8.37	0.70	0.13	0.01	29.10	0.00	-131.86	0.01	0.00	4939.60
Sep-2000	6.30	0.53	0.30	0.02	24.25	0.00	-96.06	0.00	0.00	4915.35
Oct-2000	4.34	0.36	0.64	0.05	21.83	0.00	-59.21	0.00	0.00	4893.53
Nov-2000	2.40	0.20	0.39	0.03	16.98	0.00	-32.22	0.00	0.00	4876.55
Dec-2000	1.55	0.13	0.04	0.00	14.55	0.00	-24.18	0.00	0.00	4862.00
Jan-2001	1.55	0.13	2.90	0.24	14.55	0.22	18.03	16.77	60.06	4907.51
Feb-2001	2.52	0.21	4.08	0.34	12.13	0.44	17.74	29.18	409.76	5305.15
Mar-2001	4.03	0.34	1.75	0.15	14.55	0.10	-37.90	34.43	0.00	5290.60
Apr-2001	5.70	0.48	1.44	0.12	16.98	0.09	-69.27	10.71	0.00	5273.62
May-2001	7.75	0.65	0.03	0.00	21.83	0.00	-123.50	2.10	0.00	5251.80
Jun-2001	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.39	0.00	5225.12
Jul-2001	9.30	0.78	0.12	0.01	29.10	0.00	-146.87	0.07	0.00	5196.02
Aug-2001	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.02	0.00	5166.92
Sep-2001	6.30	0.53	0.24	0.02	24.25	0.00	-96.99	0.01	0.00	5142.67
Oct-2001	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	5120.85
Nov-2001	2.40	0.20	1.10	0.09	16.98	0.01	-20.87	0.00	0.00	5103.87

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-2001	1.55	0.13	1.01	0.08	14.55	0.01	-8.69	0.00	0.00	5089.32
Jan-2002	1.55	0.13	0.40	0.03	14.55	0.00	-18.44	0.00	0.00	5074.77
Feb-2002	2.52	0.21	0.12	0.01	12.13	0.00	-38.39	0.00	0.00	5062.65
Mar-2002	4.03	0.34	1.11	0.09	14.55	0.01	-46.77	0.00	0.00	5048.10
Apr-2002	5.70	0.48	0.39	0.03	16.98	0.00	-85.02	0.00	0.00	5031.12
May-2002	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.00	0.00	5009.30
Jun-2002	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4982.62
Jul-2002	9.30	0.78	0.19	0.02	29.10	0.00	-145.80	0.00	0.00	4953.52
Aug-2002	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4924.42
Sep-2002	6.30	0.53	1.15	0.10	24.25	0.01	-82.41	0.00	0.00	4900.17
Oct-2002	4.34	0.36	0.01	0.00	21.83	0.00	-69.25	0.00	0.00	4878.35
Nov-2002	2.40	0.20	1.03	0.09	16.98	0.01	-22.04	0.00	0.00	4861.37
Dec-2002	1.55	0.13	1.84	0.15	14.55	0.10	3.17	3.17	0.00	4846.82
Jan-2003	1.55	0.13	0.18	0.01	14.55	0.00	-21.93	1.93	0.00	4832.27
Feb-2003	2.52	0.21	4.05	0.34	12.13	0.43	17.31	18.38	45.70	4865.85
Mar-2003	4.03	0.34	2.17	0.18	14.55	0.13	-31.68	11.79	0.00	4851.30
Apr-2003	5.70	0.48	1.54	0.13	16.98	0.09	-67.70	3.29	0.00	4834.32
May-2003	7.75	0.65	0.90	0.08	21.83	0.00	-109.62	0.78	0.00	4812.50
Jun-2003	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.16	0.00	4785.82
Jul-2003	9.30	0.78	1.91	0.16	29.10	0.11	-119.79	0.05	0.00	4756.72
Aug-2003	8.37	0.70	1.47	0.12	29.10	0.09	-111.50	0.02	0.00	4727.62
Sep-2003	6.30	0.53	0.37	0.03	24.25	0.00	-94.81	0.01	0.00	4703.37
Oct-2003	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4681.55
Nov-2003	2.40	0.20	0.55	0.05	16.98	0.00	-29.60	0.00	0.00	4664.57
Dec-2003	1.55	0.13	1.25	0.10	14.55	0.08	-5.88	0.00	0.00	4650.02
Jan-2004	1.55	0.13	0.67	0.06	14.55	0.00	-14.01	0.00	0.00	4635.47
Feb-2004	2.52	0.21	4.41	0.37	12.13	0.51	21.75	19.94	105.04	4728.38
Mar-2004	4.03	0.34	0.66	0.05	14.55	0.00	-54.00	11.06	0.00	4713.83
Apr-2004	5.70	0.48	1.32	0.11	16.98	0.08	-71.22	2.57	0.00	4696.86
May-2004	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.50	0.00	4675.03
Jun-2004	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.11	0.00	4648.36
Jul-2004	9.30	0.78	0.14	0.01	29.10	0.00	-146.55	0.02	0.00	4619.26
Aug-2004	8.37	0.70	0.01	0.00	29.10	0.00	-133.73	0.01	0.00	4590.16
Sep-2004	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.00	0.00	4565.91
Oct-2004	4.34	0.36	8.51	0.71	21.83	1.71	38.14	29.99	623.15	5167.23
Nov-2004	2.40	0.20	1.07	0.09	16.98	0.01	-21.30	23.27	0.00	5150.26
Dec-2004	1.55	0.13	4.70	0.39	14.55	0.58	40.70	41.87	1684.60	5495.00
Jan-2005	1.55	0.13	5.12	0.43	14.55	0.69	45.72	48.20	2359.96	5495.00
Feb-2005	2.52	0.21	4.85	0.40	12.13	0.62	26.98	48.20	1404.90	5495.00

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-2005	4.03	0.34	1.58	0.13	14.55	0.09	-40.38	48.20	0.00	5480.45
Apr-2005	5.70	0.48	0.58	0.05	16.98	0.00	-81.90	14.09	0.00	5463.48
May-2005	7.75	0.65	0.04	0.00	21.83	0.00	-123.38	3.29	0.00	5441.65
Jun-2005	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.75	0.00	5414.98
Jul-2005	9.30	0.78	0.46	0.04	29.10	0.00	-141.37	0.19	0.00	5385.88
Aug-2005	8.37	0.70	2.51	0.21	29.10	0.17	-96.40	0.08	0.00	5356.78
Sep-2005	6.30	0.53	0.01	0.00	24.25	0.00	-100.61	0.03	0.00	5332.53
Oct-2005	4.34	0.36	0.61	0.05	21.83	0.00	-59.65	0.02	0.00	5310.70
Nov-2005	2.40	0.20	0.11	0.01	16.98	0.00	-36.65	0.01	0.00	5293.73
Dec-2005	1.55	0.13	0.00	0.00	14.55	0.00	-24.80	0.01	0.00	5279.18
Jan-2006	1.55	0.13	0.98	0.08	14.55	0.00	-9.24	0.01	0.00	5264.63
Feb-2006	2.52	0.21	1.29	0.11	12.13	0.08	-20.84	0.01	0.00	5252.50
Mar-2006	4.03	0.34	3.34	0.28	14.55	0.29	-15.84	0.01	0.00	5237.95
Apr-2006	5.70	0.48	2.23	0.19	16.98	0.14	-57.57	0.00	0.00	5220.98
May-2006	7.75	0.65	0.22	0.02	21.83	0.00	-120.51	0.00	0.00	5199.15
Jun-2006	8.70	0.73	0.16	0.01	26.68	0.00	-136.70	0.00	0.00	5172.48
Jul-2006	9.30	0.78	0.52	0.04	29.10	0.00	-140.50	0.00	0.00	5143.38
Aug-2006	8.37	0.70	0.03	0.00	29.10	0.00	-133.42	0.00	0.00	5114.28
Sep-2006	6.30	0.53	0.07	0.01	24.25	0.00	-99.68	0.00	0.00	5090.03
Oct-2006	4.34	0.36	0.36	0.03	21.83	0.00	-63.70	0.00	0.00	5068.20
Nov-2006	2.40	0.20	0.17	0.01	16.98	0.00	-35.72	0.00	0.00	5051.23
Dec-2006	1.55	0.13	1.18	0.10	14.55	0.08	-7.00	0.00	0.00	5036.68
Jan-2007	1.55	0.13	0.74	0.06	14.55	0.00	-12.96	0.00	0.00	5022.13
Feb-2007	2.52	0.21	3.05	0.25	12.13	0.24	4.59	5.02	0.00	5010.00
Mar-2007	4.03	0.34	0.22	0.02	14.55	0.00	-60.99	1.52	0.00	4995.45
Apr-2007	5.70	0.48	0.76	0.06	16.98	0.00	-79.05	0.48	0.00	4978.48
May-2007	7.75	0.65	0.04	0.00	21.83	0.00	-123.38	0.11	0.00	4956.65
Jun-2007	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.02	0.00	4929.98
Jul-2007	9.30	0.78	0.18	0.01	29.10	0.00	-145.93	0.00	0.00	4900.88
Aug-2007	8.37	0.70	0.13	0.01	29.10	0.00	-131.86	0.00	0.00	4871.78
Sep-2007	6.30	0.53	0.01	0.00	24.25	0.00	-100.61	0.00	0.00	4847.53
Oct-2007	4.34	0.36	0.17	0.01	21.83	0.00	-66.76	0.00	0.00	4825.70
Nov-2007	2.40	0.20	0.32	0.03	16.98	0.00	-33.28	0.00	0.00	4808.72
Dec-2007	1.55	0.13	2.66	0.22	14.55	0.19	14.76	13.80	45.61	4839.78
Jan-2008	1.55	0.13	7.22	0.60	14.55	1.29	69.24	45.39	2773.53	5495.00
Feb-2008	2.52	0.21	2.85	0.24	12.13	0.21	1.94	45.69	152.66	5495.00
Mar-2008	4.03	0.34	0.51	0.04	14.55	0.00	-56.37	36.55	0.00	5480.45
Apr-2008	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	9.37	0.00	5463.48
May-2008	7.75	0.65	0.26	0.02	21.83	0.00	-119.88	2.11	0.00	5441.65

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-2008	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.43	0.00	5414.98
Jul-2008	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.09	0.00	5385.88
Aug-2008	8.37	0.70	1.34	0.11	29.10	0.08	-113.64	0.03	0.00	5356.78
Sep-2008	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.01	0.00	5332.53
Oct-2008	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.01	0.00	5310.70
Nov-2008	2.40	0.20	1.79	0.15	16.98	0.10	-11.24	0.01	0.00	5293.73
Dec-2008	1.55	0.13	6.15	0.51	14.55	0.96	57.43	38.62	1472.26	5495.00
Jan-2009	1.55	0.13	0.20	0.02	14.55	0.00	-21.62	33.43	0.00	5480.45
Feb-2009	2.52	0.21	3.66	0.31	12.13	0.35	12.47	38.76	560.38	5495.00
Mar-2009	4.03	0.34	0.09	0.01	14.55	0.00	-63.04	26.75	0.00	5480.45
Apr-2009	5.70	0.48	0.24	0.02	16.98	0.00	-87.39	5.23	0.00	5463.48
May-2009	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	1.04	0.00	5441.65
Jun-2009	8.70	0.73	0.03	0.00	26.68	0.00	-138.70	0.22	0.00	5414.98
Jul-2009	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.05	0.00	5385.88
Aug-2009	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.01	0.00	5356.78
Sep-2009	6.30	0.53	0.03	0.00	24.25	0.00	-100.30	0.01	0.00	5332.53
Oct-2009	4.34	0.36	0.03	0.00	21.83	0.00	-68.94	0.00	0.00	5310.70
Nov-2009	2.40	0.20	0.69	0.06	16.98	0.00	-27.30	0.00	0.00	5293.73
Dec-2009	1.55	0.13	4.82	0.40	14.55	0.61	42.18	32.06	771.63	5495.00
Jan-2010	1.55	0.13	6.54	0.55	14.55	1.08	61.81	46.98	3085.78	5495.00
Feb-2010	2.52	0.21	5.08	0.42	12.13	0.68	29.74	48.20	1547.18	5495.00
Mar-2010	4.03	0.34	1.36	0.11	14.55	0.08	-43.89	48.20	0.00	5480.45
Apr-2010	5.70	0.48	2.34	0.19	16.98	0.15	-56.08	20.16	0.00	5463.48
May-2010	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	4.42	0.00	5441.65
Jun-2010	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.98	0.00	5414.98
Jul-2010	9.30	0.78	0.07	0.01	29.10	0.00	-147.68	0.23	0.00	5385.88
Aug-2010	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.06	0.00	5356.78
Sep-2010	6.30	0.53	0.08	0.01	24.25	0.00	-99.55	0.03	0.00	5332.53
Oct-2010	4.34	0.36	3.20	0.27	21.83	0.27	-22.63	0.02	0.00	5310.70
Nov-2010	2.40	0.20	1.18	0.10	16.98	0.08	-20.67	0.02	0.00	5293.73
Dec-2010	1.55	0.13	8.15	0.68	14.55	1.59	79.05	44.04	2579.44	5495.00
Jan-2011	1.55	0.13	0.24	0.02	14.55	0.00	-20.99	40.11	0.00	5480.45
Feb-2011	2.52	0.21	4.89	0.41	12.13	0.63	27.44	46.17	1418.77	5495.00
Mar-2011	4.03	0.34	1.63	0.14	14.55	0.09	-39.67	46.15	0.00	5480.45
Apr-2011	5.70	0.48	0.39	0.03	16.98	0.00	-85.02	12.76	0.00	5463.48
May-2011	7.75	0.65	0.71	0.06	21.83	0.00	-112.59	3.37	0.00	5441.65
Jun-2011	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.77	0.00	5414.98
Jul-2011	9.30	0.78	0.22	0.02	29.10	0.00	-145.31	0.19	0.00	5385.88
Aug-2011	8.37	0.70	1.27	0.11	29.10	0.08	-114.75	0.06	0.00	5356.78

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-2011	6.30	0.53	0.22	0.02	24.25	0.00	-97.31	0.03	0.00	5332.53
Oct-2011	4.34	0.36	0.64	0.05	21.83	0.00	-59.27	0.02	0.00	5310.70
Nov-2011	2.40	0.20	3.36	0.28	16.98	0.30	10.55	10.44	6.02	5299.74
Dec-2011	1.55	0.13	1.61	0.13	14.55	0.09	-0.35	10.56	0.00	5285.19
Jan-2012	1.55	0.13	0.73	0.06	14.55	0.00	-13.21	7.68	0.00	5270.64
Feb-2012	2.52	0.21	2.00	0.17	12.13	0.11	-10.06	6.33	0.00	5258.52
Mar-2012	4.03	0.34	2.86	0.24	14.55	0.21	-22.17	4.32	0.00	5243.97
Apr-2012	5.70	0.48	2.83	0.24	16.98	0.21	-49.31	2.01	0.00	5226.99
May-2012	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.40	0.00	5205.17
Jun-2012	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.08	0.00	5178.49

Total Runoff (in/30-year) 462.57 49.00
Runoff (in/year) 15.42 1.63
% Runoff of Rainfall 11%

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	48.20	0.00	5465.90
Aug-1982	8.37	0.70	0.56	0.05	29.10	0.00	-123.05	8.46	0.00	5436.80
Sep-1982	6.30	0.53	0.37	0.03	24.25	0.00	-95.68	2.84	0.00	5412.55
Oct-1982	4.34	0.36	0.13	0.01	21.83	0.00	-69.44	1.35	0.00	5390.73
Nov-1982	2.40	0.20	4.38	0.36	16.98	0.00	-27.05	1.02	0.00	5373.75
Dec-1982	1.55	0.13	3.41	0.28	14.55	0.00	-24.80	0.79	0.00	5359.20
Jan-1983	1.55	0.13	2.21	0.18	14.55	0.11	4.34	5.13	0.00	5344.65
Feb-1983	2.52	0.21	4.77	0.40	12.13	0.30	8.47	13.54	2.75	5335.27
Mar-1983	4.03	0.34	9.83	0.82	14.55	1.65	41.17	38.67	1314.51	5495.00
Apr-1983	5.70	0.48	2.21	0.18	16.98	0.08	-70.57	29.54	0.00	5478.03
May-1983	7.75	0.65	0.19	0.02	21.83	0.00	-122.08	3.94	0.00	5456.20
Jun-1983	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.69	0.00	5429.53
Jul-1983	9.30	0.78	0.01	0.00	29.10	0.00	-148.80	0.13	0.00	5400.43
Aug-1983	8.37	0.70	4.02	0.33	29.10	0.08	-116.15	0.04	0.00	5371.33
Sep-1983	6.30	0.53	0.67	0.06	24.25	0.00	-85.64	0.02	0.00	5347.08
Oct-1983	4.34	0.36	1.15	0.10	21.83	0.01	-52.54	0.01	0.00	5325.25
Nov-1983	2.40	0.20	2.43	0.20	16.98	0.09	-16.83	0.01	0.00	5308.28
Dec-1983	1.55	0.13	0.99	0.08	18.38	0.00	-24.80	0.01	0.00	5289.90
Jan-1984	1.55	0.13	0.12	0.01	18.38	0.00	-20.96	0.01	0.00	5271.52
Feb-1984	2.52	0.21	0.00	0.00	15.96	0.00	-40.32	0.00	0.00	5255.56
Mar-1984	4.03	0.34	0.04	0.00	18.38	0.00	-63.84	0.00	0.00	5237.18
Apr-1984	5.70	0.48	0.24	0.02	20.81	0.00	-89.28	0.00	0.00	5216.38
May-1984	7.75	0.65	0.00	0.00	25.66	0.00	-124.00	0.00	0.00	5190.72
Jun-1984	8.70	0.73	0.55	0.05	30.51	0.00	-137.28	0.00	0.00	5160.22
Jul-1984	9.30	0.78	1.49	0.12	32.93	0.21	-107.28	0.00	0.00	5127.29
Aug-1984	8.37	0.70	2.27	0.19	32.93	0.00	-133.92	0.00	0.00	5094.36
Sep-1984	6.30	0.53	0.66	0.06	28.08	0.00	-100.80	0.00	0.00	5066.28
Oct-1984	4.34	0.36	0.18	0.01	25.66	0.00	-68.80	0.00	0.00	5040.62
Nov-1984	2.40	0.20	1.42	0.12	20.81	0.00	-25.14	0.00	0.00	5019.82
Dec-1984	1.55	0.13	4.22	0.35	14.55	0.35	27.46	23.92	205.87	5211.14
Jan-1985	1.55	0.13	1.58	0.13	14.55	0.00	-9.17	20.91	0.00	5196.59
Feb-1985	2.52	0.21	1.45	0.12	12.13	0.00	-40.32	9.08	0.00	5184.46
Mar-1985	4.03	0.34	0.27	0.02	14.55	0.00	-64.48	3.34	0.00	5169.91
Apr-1985	5.70	0.48	0.04	0.00	16.98	0.00	-91.20	1.05	0.00	5152.94
May-1985	7.75	0.65	0.09	0.01	21.83	0.00	-124.00	0.26	0.00	5131.11
Jun-1985	8.70	0.73	1.72	0.14	26.68	0.00	-138.56	0.06	0.00	5104.44
Jul-1985	9.30	0.78	0.00	0.00	29.10	0.01	-131.27	0.02	0.00	5075.34
Aug-1985	8.37	0.70	0.33	0.03	29.10	0.00	-133.92	0.00	0.00	5046.24

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1985	6.30	0.53	0.68	0.06	24.25	0.00	-92.64	0.00	0.00	5021.99
Oct-1985	4.34	0.36	4.49	0.37	21.83	0.00	-61.92	0.00	0.00	5000.16
Nov-1985	2.40	0.20	1.75	0.15	16.98	0.32	12.45	12.15	14.46	4997.64
Dec-1985	1.55	0.13	0.00	0.00	14.55	0.00	-18.56	8.05	0.00	4983.09
Jan-1986	1.55	0.13	0.74	0.06	14.55	0.00	-16.64	5.61	0.00	4968.54
Feb-1986	2.52	0.21	3.50	0.29	12.13	0.14	-6.42	5.09	0.00	4956.42
Mar-1986	4.03	0.34	3.44	0.29	14.55	0.13	-31.15	3.05	0.00	4941.87
Apr-1986	5.70	0.48	0.28	0.02	16.98	0.00	-90.56	0.86	0.00	4924.89
May-1986	7.75	0.65	0.01	0.00	21.83	0.00	-124.00	0.20	0.00	4903.07
Jun-1986	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.04	0.00	4876.39
Jul-1986	9.30	0.78	0.35	0.03	29.10	0.00	-148.80	0.01	0.00	4847.29
Aug-1986	8.37	0.70	0.06	0.00	29.10	0.00	-131.36	0.00	0.00	4818.19
Sep-1986	6.30	0.53	1.31	0.11	24.25	0.00	-100.80	0.00	0.00	4793.94
Oct-1986	4.34	0.36	2.10	0.17	21.83	0.00	-69.44	0.00	0.00	4772.12
Nov-1986	2.40	0.20	0.57	0.05	16.98	0.00	-27.69	0.00	0.00	4755.14
Dec-1986	1.55	0.13	0.71	0.06	14.55	0.00	-17.92	0.00	0.00	4740.59
Jan-1987	1.55	0.13	1.64	0.14	14.55	0.09	-1.98	0.00	0.00	4726.04
Feb-1987	2.52	0.21	2.53	0.21	12.13	0.00	-30.25	0.00	0.00	4713.92
Mar-1987	4.03	0.34	2.55	0.21	14.55	0.00	-64.48	0.00	0.00	4699.37
Apr-1987	5.70	0.48	0.20	0.02	16.98	0.00	-88.64	0.00	0.00	4682.39
May-1987	7.75	0.65	0.08	0.01	21.83	0.00	-122.08	0.00	0.00	4660.57
Jun-1987	8.70	0.73	0.01	0.00	26.68	0.00	-139.20	0.00	0.00	4633.89
Jul-1987	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.00	0.00	4604.79
Aug-1987	8.37	0.70	0.64	0.05	29.10	0.00	-133.92	0.00	0.00	4575.69
Sep-1987	6.30	0.53	0.48	0.04	24.25	0.00	-94.56	0.00	0.00	4551.44
Oct-1987	4.34	0.36	3.10	0.26	21.83	0.00	-69.44	0.00	0.00	4529.62
Nov-1987	2.40	0.20	2.46	0.20	16.98	0.00	-23.87	0.00	0.00	4512.64
Dec-1987	1.55	0.13	1.81	0.15	14.55	0.09	0.92	1.12	0.00	4498.09
Jan-1988	1.55	0.13	3.46	0.29	14.55	0.18	13.99	14.23	42.22	4525.76
Feb-1988	2.52	0.21	1.93	0.16	12.13	0.12	-8.71	11.84	0.00	4513.64
Mar-1988	4.03	0.34	0.71	0.06	14.55	0.00	-57.60	3.92	0.00	4499.09
Apr-1988	5.70	0.48	2.46	0.21	16.98	0.08	-70.25	1.46	0.00	4482.11
May-1988	7.75	0.65	0.35	0.03	21.83	0.00	-124.00	0.33	0.00	4460.29
Jun-1988	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.07	0.00	4433.61
Jul-1988	9.30	0.78	0.02	0.00	29.10	0.00	-144.96	0.02	0.00	4404.51
Aug-1988	8.37	0.70	1.63	0.14	29.10	0.00	-121.30	0.01	0.00	4375.41
Sep-1988	6.30	0.53	0.00	0.00	24.25	0.00	-95.68	0.00	0.00	4351.16
Oct-1988	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4329.34
Nov-1988	2.40	0.20	1.07	0.09	16.98	0.00	-30.88	0.00	0.00	4312.36

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-1988	1.55	0.13	2.10	0.17	14.55	0.08	-7.03	0.00	0.00	4297.81
Jan-1989	1.55	0.13	1.05	0.09	14.55	0.00	-15.36	0.00	0.00	4283.26
Feb-1989	2.52	0.21	1.17	0.10	12.13	0.00	-39.68	0.00	0.00	4271.14
Mar-1989	4.03	0.34	1.63	0.14	14.55	0.00	-64.48	0.00	0.00	4256.59
Apr-1989	5.70	0.48	0.21	0.02	16.98	0.00	-91.20	0.00	0.00	4239.61
May-1989	7.75	0.65	0.13	0.01	21.83	0.00	-122.08	0.00	0.00	4217.79
Jun-1989	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4191.11
Jul-1989	9.30	0.78	0.00	0.00	29.10	0.00	-143.20	0.00	0.00	4162.01
Aug-1989	8.37	0.70	0.00	0.00	29.10	0.00	-120.03	0.00	0.00	4132.91
Sep-1989	6.30	0.53	0.17	0.01	24.25	0.00	-100.80	0.00	0.00	4108.66
Oct-1989	4.34	0.36	0.35	0.03	21.83	0.09	-44.78	0.00	0.00	4086.84
Nov-1989	2.40	0.20	0.03	0.00	16.98	0.00	-37.12	0.00	0.00	4069.86
Dec-1989	1.55	0.13	0.29	0.02	14.55	0.00	-22.88	0.00	0.00	4055.31
Jan-1990	1.55	0.13	3.03	0.25	14.55	0.10	2.86	2.86	0.00	4040.76
Feb-1990	2.52	0.21	1.76	0.15	12.13	0.00	-28.97	1.54	0.00	4028.64
Mar-1990	4.03	0.34	0.69	0.06	14.55	0.00	-55.68	0.63	0.00	4014.09
Apr-1990	5.70	0.48	0.98	0.08	16.98	0.00	-79.22	0.22	0.00	3997.11
May-1990	7.75	0.65	0.23	0.02	21.83	0.00	-118.88	0.06	0.00	3975.29
Jun-1990	8.70	0.73	0.22	0.02	26.68	0.20	-98.22	0.02	0.00	3948.61
Jul-1990	9.30	0.78	0.11	0.01	29.10	0.00	-148.80	0.00	0.00	3919.51
Aug-1990	8.37	0.70	0.18	0.01	29.10	0.00	-133.92	0.00	0.00	3890.41
Sep-1990	6.30	0.53	0.62	0.05	24.25	0.00	-98.24	0.00	0.00	3866.16
Oct-1990	4.34	0.36	0.04	0.00	21.83	0.00	-66.88	0.00	0.00	3844.34
Nov-1990	2.40	0.20	0.55	0.05	16.98	0.00	-31.52	0.00	0.00	3827.36
Dec-1990	1.55	0.13	1.29	0.11	14.55	0.00	-15.36	0.00	0.00	3812.81
Jan-1991	1.55	0.13	1.34	0.11	14.55	0.01	-7.90	0.00	0.00	3798.26
Feb-1991	2.52	0.21	2.21	0.18	12.13	0.27	6.91	7.02	0.00	3786.14
Mar-1991	4.03	0.34	12.06	1.01	14.55	0.90	15.10	19.96	164.09	3935.68
Apr-1991	5.70	0.48	0.05	0.00	16.98	0.00	-91.20	10.89	0.00	3918.70
May-1991	7.75	0.65	0.00	0.00	21.83	0.00	-123.36	0.94	0.00	3896.88
Jun-1991	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.16	0.00	3870.20
Jul-1991	9.30	0.78	0.61	0.05	29.10	0.00	-145.60	0.03	0.00	3841.10
Aug-1991	8.37	0.70	0.00	0.00	29.10	0.00	-128.80	0.01	0.00	3812.00
Sep-1991	6.30	0.53	0.35	0.03	24.25	0.00	-93.92	0.00	0.00	3787.75
Oct-1991	4.34	0.36	0.58	0.05	21.83	0.00	-62.56	0.00	0.00	3765.93
Nov-1991	2.40	0.20	0.30	0.02	16.98	0.00	-35.84	0.00	0.00	3748.95
Dec-1991	1.55	0.13	2.80	0.23	14.55	0.15	10.66	10.08	27.46	3761.86
Jan-1992	1.55	0.13	2.68	0.22	14.55	0.10	3.31	13.30	4.21	3751.52
Feb-1992	2.52	0.21	5.00	0.42	12.13	0.29	7.95	20.45	59.31	3798.71

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-1992	4.03	0.34	4.89	0.41	14.55	0.59	1.43	32.38	131.86	3916.02
Apr-1992	5.70	0.48	0.67	0.06	16.98	0.00	-83.68	21.59	0.00	3899.05
May-1992	7.75	0.65	0.23	0.02	21.83	0.00	-113.93	4.28	0.00	3877.22
Jun-1992	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.89	0.00	3850.55
Jul-1992	9.30	0.78	0.74	0.06	29.10	0.00	-136.82	0.22	0.00	3821.45
Aug-1992	8.37	0.70	2.03	0.17	29.10	0.09	-108.20	0.08	0.00	3792.35
Sep-1992	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.03	0.00	3768.10
Oct-1992	4.34	0.36	0.24	0.02	21.83	0.00	-64.96	0.02	0.00	3746.27
Nov-1992	2.40	0.20	0.06	0.00	16.98	0.00	-37.12	0.01	0.00	3729.30
Dec-1992	1.55	0.13	4.00	0.33	14.55	0.20	16.18	15.10	51.87	3766.61
Jan-1993	1.55	0.13	18.44	1.54	14.55	2.19	96.90	47.49	4285.19	5495.00
Feb-1993	2.52	0.21	6.45	0.54	12.13	0.72	31.59	48.20	1644.42	5495.00
Mar-1993	4.03	0.34	1.51	0.13	14.55	0.00	-51.86	48.20	0.00	5480.45
Apr-1993	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	12.52	0.00	5463.48
May-1993	7.75	0.65	0.12	0.01	21.83	0.00	-120.80	3.06	0.00	5441.65
Jun-1993	8.70	0.73	0.16	0.01	26.68	0.00	-136.00	0.73	0.00	5414.98
Jul-1993	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.17	0.00	5385.88
Aug-1993	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.05	0.00	5356.78
Sep-1993	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.02	0.00	5332.53
Oct-1993	4.34	0.36	0.30	0.02	21.83	0.00	-68.16	0.01	0.00	5310.70
Nov-1993	2.40	0.20	1.48	0.12	16.98	0.08	-18.71	0.01	0.00	5293.73
Dec-1993	1.55	0.13	1.15	0.10	14.55	0.00	-14.73	0.01	0.00	5279.18
Jan-1994	1.55	0.13	1.68	0.14	14.55	0.01	-8.53	0.01	0.00	5264.63
Feb-1994	2.52	0.21	4.11	0.34	12.13	0.36	12.95	12.67	13.73	5266.23
Mar-1994	4.03	0.34	3.11	0.26	14.55	0.15	-29.59	6.90	0.00	5251.68
Apr-1994	5.70	0.48	1.34	0.11	16.98	0.00	-79.22	1.83	0.00	5234.71
May-1994	7.75	0.65	0.00	0.00	21.83	0.00	-122.72	0.39	0.00	5212.88
Jun-1994	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.08	0.00	5186.21
Jul-1994	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.02	0.00	5157.11
Aug-1994	8.37	0.70	1.21	0.10	29.10	0.09	-108.20	0.01	0.00	5128.01
Sep-1994	6.30	0.53	0.00	0.00	24.25	0.00	-94.56	0.00	0.00	5103.76
Oct-1994	4.34	0.36	0.19	0.02	21.83	0.00	-68.80	0.00	0.00	5081.93
Nov-1994	2.40	0.20	0.68	0.06	16.98	0.00	-30.88	0.00	0.00	5064.96
Dec-1994	1.55	0.13	0.96	0.08	14.55	0.09	0.31	0.63	0.00	5050.41
Jan-1995	1.55	0.13	10.03	0.84	14.55	1.07	61.36	40.26	1680.53	5495.00
Feb-1995	2.52	0.21	3.25	0.27	12.13	0.26	5.86	41.79	309.92	5495.00
Mar-1995	4.03	0.34	6.56	0.55	14.55	0.35	-11.71	41.40	0.00	5480.45
Apr-1995	5.70	0.48	1.25	0.10	16.98	0.00	-82.40	11.29	0.00	5463.48
May-1995	7.75	0.65	1.09	0.09	21.83	0.00	-111.38	2.79	0.00	5441.65

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-1995	8.70	0.73	0.48	0.04	26.68	0.00	-136.00	0.59	0.00	5414.98
Jul-1995	9.30	0.78	0.06	0.00	29.10	0.00	-148.16	0.12	0.00	5385.88
Aug-1995	8.37	0.70	0.64	0.05	29.10	0.00	-125.12	0.04	0.00	5356.78
Sep-1995	6.30	0.53	0.28	0.02	24.25	0.00	-93.28	0.01	0.00	5332.53
Oct-1995	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.01	0.00	5310.70
Nov-1995	2.40	0.20	0.08	0.01	16.98	0.00	-38.40	0.01	0.00	5293.73
Dec-1995	1.55	0.13	0.57	0.05	14.55	0.00	-20.32	0.00	0.00	5279.18
Jan-1996	1.55	0.13	1.52	0.13	14.55	0.08	-7.03	0.00	0.00	5264.63
Feb-1996	2.52	0.21	3.17	0.26	12.13	0.70	30.65	26.00	293.08	5495.00
Mar-1996	4.03	0.34	2.73	0.23	14.55	0.09	-40.43	15.48	0.00	5480.45
Apr-1996	5.70	0.48	0.53	0.04	16.98	0.00	-89.92	3.11	0.00	5463.48
May-1996	7.75	0.65	0.07	0.01	21.83	0.00	-121.44	0.68	0.00	5441.65
Jun-1996	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.15	0.00	5414.98
Jul-1996	9.30	0.78	0.00	0.00	29.10	0.00	-148.16	0.03	0.00	5385.88
Aug-1996	8.37	0.70	0.07	0.01	29.10	0.00	-133.92	0.01	0.00	5356.78
Sep-1996	6.30	0.53	0.03	0.00	24.25	0.00	-98.24	0.00	0.00	5332.53
Oct-1996	4.34	0.36	1.54	0.13	21.83	0.00	-55.55	0.00	0.00	5310.70
Nov-1996	2.40	0.20	0.91	0.08	16.98	0.00	-24.51	0.00	0.00	5293.73
Dec-1996	1.55	0.13	1.97	0.16	14.55	0.09	-3.23	0.00	0.00	5279.18
Jan-1997	1.55	0.13	4.29	0.36	14.55	0.34	26.95	23.57	195.15	5459.78
Feb-1997	2.52	0.21	1.51	0.13	12.13	0.01	-24.05	16.98	0.00	5447.65
Mar-1997	4.03	0.34	0.02	0.00	14.55	0.00	-63.84	4.94	0.00	5433.10
Apr-1997	5.70	0.48	0.22	0.02	16.98	0.00	-84.32	1.54	0.00	5416.13
May-1997	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.36	0.00	5394.30
Jun-1997	8.70	0.73	0.07	0.01	26.68	0.00	-130.40	0.09	0.00	5367.63
Jul-1997	9.30	0.78	1.91	0.16	29.10	0.00	-147.52	0.02	0.00	5338.53
Aug-1997	8.37	0.70	0.16	0.01	29.10	0.00	-133.92	0.01	0.00	5309.43
Sep-1997	6.30	0.53	1.74	0.15	24.25	0.11	-70.93	0.00	0.00	5285.18
Oct-1997	4.34	0.36	4.17	0.35	21.83	0.00	-68.16	0.00	0.00	5263.35
Nov-1997	2.40	0.20	0.00	0.00	16.98	0.08	-17.45	0.00	0.00	5246.38
Dec-1997	1.55	0.13	0.00	0.00	14.55	0.19	15.09	14.10	47.06	5278.89
Jan-1998	1.55	0.13	1.59	0.13	14.55	0.09	-3.23	13.07	0.00	5264.34
Feb-1998	2.52	0.21	10.27	0.86	12.13	1.46	59.45	43.01	2222.37	5495.00
Mar-1998	4.03	0.34	4.36	0.36	14.55	0.35	-11.71	44.27	0.00	5480.45
Apr-1998	5.70	0.48	2.17	0.18	16.98	0.09	-65.48	15.82	0.00	5463.48
May-1998	7.75	0.65	1.16	0.10	21.83	0.08	-104.31	4.46	0.00	5441.65
Jun-1998	8.70	0.73	0.02	0.00	26.68	0.00	-138.56	1.01	0.00	5414.98
Jul-1998	9.30	0.78	0.10	0.01	29.10	0.00	-147.52	0.24	0.00	5385.88
Aug-1998	8.37	0.70	0.20	0.02	29.10	0.09	-108.81	0.09	0.00	5356.78

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1998	6.30	0.53	0.20	0.02	24.25	0.00	-95.68	0.04	0.00	5332.53
Oct-1998	4.34	0.36	0.04	0.00	21.83	0.00	-68.80	0.02	0.00	5310.70
Nov-1998	2.40	0.20	1.16	0.10	16.98	0.08	-17.45	0.02	0.00	5293.73
Dec-1998	1.55	0.13	1.41	0.12	14.55	0.09	-3.23	0.02	0.00	5279.18
Jan-1999	1.55	0.13	1.65	0.14	14.55	0.09	-0.75	0.08	0.00	5264.63
Feb-1999	2.52	0.21	0.82	0.07	12.13	0.00	-26.43	7.54	0.00	5252.50
Mar-1999	4.03	0.34	0.62	0.05	14.55	0.00	-53.13	4.84	0.00	5237.95
Apr-1999	5.70	0.48	3.28	0.27	16.98	0.10	-64.88	2.84	0.00	5220.98
May-1999	7.75	0.65	0.00	0.00	21.83	0.00	-120.80	1.04	0.00	5199.15
Jun-1999	8.70	0.73	0.46	0.04	26.68	0.00	-134.08	0.34	0.00	5172.48
Jul-1999	9.30	0.78	0.36	0.03	29.10	0.00	-134.91	0.11	0.00	5143.38
Aug-1999	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.04	0.00	5114.28
Sep-1999	6.30	0.53	0.14	0.01	24.25	0.00	-99.52	0.02	0.00	5090.03
Oct-1999	4.34	0.36	0.00	0.00	21.83	0.00	-66.24	0.01	0.00	5068.20
Nov-1999	2.40	0.20	0.00	0.00	16.98	0.00	-37.76	0.01	0.00	5051.23
Dec-1999	1.55	0.13	0.21	0.02	14.55	0.00	-21.60	0.01	0.00	5036.68
Jan-2000	1.55	0.13	0.74	0.06	14.55	0.00	-13.45	0.00	0.00	5022.13
Feb-2000	2.52	0.21	4.17	0.35	12.13	0.34	11.43	11.29	6.98	5016.98
Mar-2000	4.03	0.34	1.46	0.12	14.55	0.01	-46.31	4.45	0.00	5002.43
Apr-2000	5.70	0.48	0.46	0.04	16.98	0.00	-82.40	1.22	0.00	4985.46
May-2000	7.75	0.65	0.00	0.00	21.83	0.00	-123.36	0.27	0.00	4963.63
Jun-2000	8.70	0.73	0.21	0.02	26.68	0.00	-134.72	0.06	0.00	4936.96
Jul-2000	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.01	0.00	4907.86
Aug-2000	8.37	0.70	0.13	0.01	29.10	0.00	-121.30	0.00	0.00	4878.76
Sep-2000	6.30	0.53	0.30	0.02	24.25	0.00	-98.24	0.00	0.00	4854.51
Oct-2000	4.34	0.36	0.64	0.05	21.83	0.00	-58.73	0.00	0.00	4832.68
Nov-2000	2.40	0.20	0.39	0.03	16.98	0.00	-33.92	0.00	0.00	4815.71
Dec-2000	1.55	0.13	0.04	0.00	14.55	0.00	-23.52	0.00	0.00	4801.16
Jan-2001	1.55	0.13	2.90	0.24	14.55	0.09	0.92	1.12	0.00	4786.61
Feb-2001	2.52	0.21	4.08	0.34	12.13	0.17	-2.08	1.36	0.00	4774.48
Mar-2001	4.03	0.34	1.75	0.15	14.55	0.00	-50.59	0.53	0.00	4759.93
Apr-2001	5.70	0.48	1.44	0.12	16.98	0.01	-74.93	0.18	0.00	4742.96
May-2001	7.75	0.65	0.03	0.00	21.83	0.00	-124.00	0.04	0.00	4721.13
Jun-2001	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.01	0.00	4694.46
Jul-2001	9.30	0.78	0.12	0.01	29.10	0.00	-148.16	0.00	0.00	4665.36
Aug-2001	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4636.26
Sep-2001	6.30	0.53	0.24	0.02	24.25	0.16	-64.22	0.00	0.00	4612.01
Oct-2001	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4590.18
Nov-2001	2.40	0.20	1.10	0.09	16.98	0.00	-28.96	0.00	0.00	4573.21

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-2001	1.55	0.13	1.01	0.08	14.55	0.01	-7.27	0.00	0.00	4558.66
Jan-2002	1.55	0.13	0.40	0.03	14.55	0.00	-19.68	0.00	0.00	4544.11
Feb-2002	2.52	0.21	0.12	0.01	12.13	0.00	-37.76	0.00	0.00	4531.98
Mar-2002	4.03	0.34	1.11	0.09	14.55	0.00	-53.77	0.00	0.00	4517.43
Apr-2002	5.70	0.48	0.39	0.03	16.98	0.00	-84.32	0.00	0.00	4500.46
May-2002	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.00	0.00	4478.63
Jun-2002	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4451.96
Jul-2002	9.30	0.78	0.19	0.02	29.10	0.00	-148.80	0.00	0.00	4422.86
Aug-2002	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4393.76
Sep-2002	6.30	0.53	1.15	0.10	24.25	0.00	-85.64	0.00	0.00	4369.51
Oct-2002	4.34	0.36	0.01	0.00	21.83	0.00	-66.88	0.00	0.00	4347.68
Nov-2002	2.40	0.20	1.03	0.09	16.98	0.09	-16.20	0.00	0.00	4330.71
Dec-2002	1.55	0.13	1.84	0.15	14.55	0.08	-3.85	0.00	0.00	4316.16
Jan-2003	1.55	0.13	0.18	0.01	14.55	0.00	-22.24	0.00	0.00	4301.61
Feb-2003	2.52	0.21	4.05	0.34	12.13	0.35	11.94	11.74	9.24	4298.72
Mar-2003	4.03	0.34	2.17	0.18	14.55	0.09	-42.91	4.91	0.00	4284.17
Apr-2003	5.70	0.48	1.54	0.13	16.98	0.09	-68.38	1.62	0.00	4267.19
May-2003	7.75	0.65	0.90	0.08	21.83	0.00	-110.74	0.40	0.00	4245.37
Jun-2003	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.08	0.00	4218.69
Jul-2003	9.30	0.78	1.91	0.16	29.10	0.00	-145.60	0.02	0.00	4189.59
Aug-2003	8.37	0.70	1.47	0.12	29.10	0.11	-104.63	0.01	0.00	4160.49
Sep-2003	6.30	0.53	0.37	0.03	24.25	0.00	-100.16	0.00	0.00	4136.24
Oct-2003	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4114.42
Nov-2003	2.40	0.20	0.55	0.05	16.98	0.00	-29.60	0.00	0.00	4097.44
Dec-2003	1.55	0.13	1.25	0.10	14.55	0.09	-1.98	0.00	0.00	4082.89
Jan-2004	1.55	0.13	0.67	0.06	14.55	0.00	-15.36	0.00	0.00	4068.34
Feb-2004	2.52	0.21	4.41	0.37	12.13	0.35	12.45	12.21	11.49	4067.71
Mar-2004	4.03	0.34	0.66	0.05	14.55	0.09	-41.05	5.27	0.00	4053.16
Apr-2004	5.70	0.48	1.32	0.11	16.98	0.00	-80.65	1.46	0.00	4036.18
May-2004	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.31	0.00	4014.36
Jun-2004	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.07	0.00	3987.68
Jul-2004	9.30	0.78	0.14	0.01	29.10	0.00	-144.96	0.01	0.00	3958.58
Aug-2004	8.37	0.70	0.01	0.00	29.10	0.00	-125.76	0.00	0.00	3929.48
Sep-2004	6.30	0.53	0.00	0.00	24.25	0.00	-100.16	0.00	0.00	3905.23
Oct-2004	4.34	0.36	8.51	0.71	21.83	1.09	17.60	16.77	61.89	3945.30
Nov-2004	2.40	0.20	1.07	0.09	16.98	0.00	-27.69	12.36	0.00	3928.32
Dec-2004	1.55	0.13	4.70	0.39	14.55	0.45	33.96	34.20	922.61	4836.38
Jan-2005	1.55	0.13	5.12	0.43	14.55	0.33	26.57	42.98	1296.42	5495.00
Feb-2005	2.52	0.21	4.85	0.40	12.13	0.46	18.93	48.20	979.15	5495.00

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-2005	4.03	0.34	1.58	0.13	14.55	0.01	-48.21	45.72	0.00	5480.45
Apr-2005	5.70	0.48	0.58	0.05	16.98	0.00	-84.96	12.33	0.00	5463.48
May-2005	7.75	0.65	0.04	0.00	21.83	0.00	-123.36	2.75	0.00	5441.65
Jun-2005	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.59	0.00	5414.98
Jul-2005	9.30	0.78	0.46	0.04	29.10	0.00	-140.00	0.14	0.00	5385.88
Aug-2005	8.37	0.70	2.51	0.21	29.10	0.27	-87.21	0.06	0.00	5356.78
Sep-2005	6.30	0.53	0.01	0.00	24.25	0.00	-99.52	0.02	0.00	5332.53
Oct-2005	4.34	0.36	0.61	0.05	21.83	0.00	-60.00	0.01	0.00	5310.70
Nov-2005	2.40	0.20	0.11	0.01	16.98	0.00	-37.76	0.01	0.00	5293.73
Dec-2005	1.55	0.13	0.00	0.00	14.55	0.00	-22.88	0.01	0.00	5279.18
Jan-2006	1.55	0.13	0.98	0.08	14.55	0.00	-16.64	0.01	0.00	5264.63
Feb-2006	2.52	0.21	1.29	0.11	12.13	0.01	-23.42	0.01	0.00	5252.50
Mar-2006	4.03	0.34	3.34	0.28	14.55	0.18	-25.14	0.00	0.00	5237.95
Apr-2006	5.70	0.48	2.23	0.19	16.98	0.10	-64.88	0.00	0.00	5220.98
May-2006	7.75	0.65	0.22	0.02	21.83	0.00	-122.72	0.00	0.00	5199.15
Jun-2006	8.70	0.73	0.16	0.01	26.68	0.00	-136.64	0.00	0.00	5172.48
Jul-2006	9.30	0.78	0.52	0.04	29.10	0.00	-143.20	0.00	0.00	5143.38
Aug-2006	8.37	0.70	0.03	0.00	29.10	0.00	-132.64	0.00	0.00	5114.28
Sep-2006	6.30	0.53	0.07	0.01	24.25	0.00	-100.16	0.00	0.00	5090.03
Oct-2006	4.34	0.36	0.36	0.03	21.83	0.00	-65.60	0.00	0.00	5068.20
Nov-2006	2.40	0.20	0.17	0.01	16.98	0.00	-37.12	0.00	0.00	5051.23
Dec-2006	1.55	0.13	1.18	0.10	14.55	0.00	-12.18	0.00	0.00	5036.68
Jan-2007	1.55	0.13	0.74	0.06	14.55	0.00	-19.20	0.00	0.00	5022.13
Feb-2007	2.52	0.21	3.05	0.25	12.13	0.08	-20.63	0.00	0.00	5010.00
Mar-2007	4.03	0.34	0.22	0.02	14.55	0.00	-58.24	0.00	0.00	4995.45
Apr-2007	5.70	0.48	0.76	0.06	16.98	0.00	-86.08	0.00	0.00	4978.48
May-2007	7.75	0.65	0.04	0.00	21.83	0.00	-124.00	0.00	0.00	4956.65
Jun-2007	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4929.98
Jul-2007	9.30	0.78	0.18	0.01	29.10	0.00	-148.80	0.00	0.00	4900.88
Aug-2007	8.37	0.70	0.13	0.01	29.10	0.00	-133.92	0.00	0.00	4871.78
Sep-2007	6.30	0.53	0.01	0.00	24.25	0.00	-98.24	0.00	0.00	4847.53
Oct-2007	4.34	0.36	0.17	0.01	21.83	0.00	-66.88	0.00	0.00	4825.70
Nov-2007	2.40	0.20	0.32	0.03	16.98	0.09	-13.29	0.00	0.00	4808.72
Dec-2007	1.55	0.13	2.66	0.22	14.55	0.00	-12.18	0.00	0.00	4794.17
Jan-2008	1.55	0.13	7.22	0.60	14.55	0.49	36.17	29.02	499.54	5279.16
Feb-2008	2.52	0.21	2.85	0.24	12.13	0.12	-8.71	26.98	0.00	5267.04
Mar-2008	4.03	0.34	0.51	0.04	14.55	0.00	-59.36	8.69	0.00	5252.49
Apr-2008	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	2.43	0.00	5235.51
May-2008	7.75	0.65	0.26	0.02	21.83	0.00	-120.80	0.58	0.00	5213.69

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-2008	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.13	0.00	5187.01
Jul-2008	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.03	0.00	5157.91
Aug-2008	8.37	0.70	1.34	0.11	29.10	0.00	-130.08	0.01	0.00	5128.81
Sep-2008	6.30	0.53	0.00	0.00	24.25	0.00	-90.73	0.00	0.00	5104.56
Oct-2008	4.34	0.36	0.00	0.00	21.83	0.00	-68.80	0.00	0.00	5082.74
Nov-2008	2.40	0.20	1.79	0.15	16.98	0.08	-17.45	0.00	0.00	5065.76
Dec-2008	1.55	0.13	6.15	0.51	14.55	0.76	48.84	35.27	1074.25	5495.00
Jan-2009	1.55	0.13	0.20	0.02	14.55	0.00	-23.52	29.46	0.00	5480.45
Feb-2009	2.52	0.21	3.66	0.31	12.13	0.17	-2.08	28.43	13.88	5482.20
Mar-2009	4.03	0.34	0.09	0.01	14.55	0.00	-64.48	17.66	0.00	5467.65
Apr-2009	5.70	0.48	0.24	0.02	16.98	0.00	-88.64	3.50	0.00	5450.68
May-2009	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.68	0.00	5428.85
Jun-2009	8.70	0.73	0.03	0.00	26.68	0.00	-139.20	0.14	0.00	5402.18
Jul-2009	9.30	0.78	0.00	0.00	29.10	0.00	-143.68	0.03	0.00	5373.08
Aug-2009	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.01	0.00	5343.98
Sep-2009	6.30	0.53	0.03	0.00	24.25	0.00	-100.80	0.00	0.00	5319.73
Oct-2009	4.34	0.36	0.03	0.00	21.83	0.00	-68.80	0.00	0.00	5297.90
Nov-2009	2.40	0.20	0.69	0.06	16.98	0.00	-31.52	0.00	0.00	5280.93
Dec-2009	1.55	0.13	4.82	0.40	14.55	0.29	23.47	21.20	122.11	5388.49
Jan-2010	1.55	0.13	6.54	0.55	14.55	0.85	52.97	43.90	2301.62	5495.00
Feb-2010	2.52	0.21	5.08	0.42	12.13	0.20	0.66	44.69	108.76	5495.00
Mar-2010	4.03	0.34	1.36	0.11	14.55	0.08	-46.71	32.53	0.00	5480.45
Apr-2010	5.70	0.48	2.34	0.19	16.98	0.09	-69.00	10.91	0.00	5463.48
May-2010	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	2.24	0.00	5441.65
Jun-2010	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.46	0.00	5414.98
Jul-2010	9.30	0.78	0.07	0.01	29.10	0.00	-148.16	0.10	0.00	5385.88
Aug-2010	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.03	0.00	5356.78
Sep-2010	6.30	0.53	0.08	0.01	24.25	0.00	-100.80	0.01	0.00	5332.53
Oct-2010	4.34	0.36	3.20	0.27	21.83	0.44	-11.17	0.01	0.00	5310.70
Nov-2010	2.40	0.20	1.18	0.10	16.98	0.00	-25.14	0.01	0.00	5293.73
Dec-2010	1.55	0.13	8.15	0.68	14.55	0.44	33.47	27.67	377.60	5495.00
Jan-2011	1.55	0.13	0.24	0.02	14.55	0.00	-17.28	23.93	0.00	5480.45
Feb-2011	2.52	0.21	4.89	0.41	12.13	0.54	23.07	35.72	1031.15	5495.00
Mar-2011	4.03	0.34	1.63	0.14	14.55	0.09	-39.37	44.70	0.00	5480.45
Apr-2011	5.70	0.48	0.39	0.03	16.98	0.00	-87.36	11.84	0.00	5463.48
May-2011	7.75	0.65	0.71	0.06	21.83	0.00	-112.65	3.13	0.00	5441.65
Jun-2011	8.70	0.73	0.00	0.00	26.68	0.00	-136.64	0.74	0.00	5414.98
Jul-2011	9.30	0.78	0.22	0.02	29.10	0.00	-140.00	0.19	0.00	5385.88
Aug-2011	8.37	0.70	1.27	0.11	29.10	0.00	-128.48	0.06	0.00	5356.78

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 1—Existing Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-2011	6.30	0.53	0.22	0.02	24.25	0.00	-100.80	0.02	0.00	5332.53
Oct-2011	4.34	0.36	0.64	0.05	21.83	0.00	-61.44	0.01	0.00	5310.70
Nov-2011	2.40	0.20	3.36	0.28	16.98	0.19	1.90	2.78	0.00	5293.73
Dec-2011	1.55	0.13	1.61	0.13	14.55	0.11	4.78	7.53	1.28	5280.46
Jan-2012	1.55	0.13	0.73	0.06	14.55	0.00	-12.50	14.86	0.00	5265.91
Feb-2012	2.52	0.21	2.00	0.17	12.13	0.08	-21.27	10.69	0.00	5253.78
Mar-2012	4.03	0.34	2.86	0.24	14.55	0.11	-36.08	6.54	0.00	5239.23
Apr-2012	5.70	0.48	2.83	0.24	16.98	0.10	-64.28	2.87	0.00	5222.26
May-2012	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.62	0.00	5200.43
Jun-2012	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.12	0.00	5173.76

Total										
Runoff (in/30-year)			462.24			27.21				
Runoff (in/year)			15.41			0.91				
% Runoff of Rainfall						6%				

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.30	0.78	0.33	0.03	29.10	0.00	-143.56	48.20	0.00	5465.90
Aug-1982	8.37	0.70	0.56	0.05	29.10	0.00	-125.00	8.27	0.00	5436.80
Sep-1982	6.30	0.53	0.37	0.03	24.25	0.00	-94.87	2.80	0.00	5412.55
Oct-1982	4.34	0.36	0.13	0.01	21.83	0.00	-67.38	1.36	0.00	5390.73
Nov-1982	2.40	0.20	4.38	0.36	16.98	0.51	23.29	22.36	135.11	5495.00
Dec-1982	1.55	0.13	3.41	0.28	14.55	0.31	24.80	36.48	892.37	5495.00
Jan-1983	1.55	0.13	2.21	0.18	14.55	0.13	8.55	43.02	377.80	5495.00
Feb-1983	2.52	0.21	4.77	0.40	12.13	0.60	26.10	46.51	1351.86	5495.00
Mar-1983	4.03	0.34	9.83	0.82	14.55	2.17	56.59	48.20	2975.21	5495.00
Apr-1983	5.70	0.48	2.21	0.18	16.98	0.13	-57.90	48.20	0.00	5478.03
May-1983	7.75	0.65	0.19	0.02	21.83	0.00	-120.94	8.68	0.00	5456.20
Jun-1983	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	1.81	0.00	5429.53
Jul-1983	9.30	0.78	0.01	0.00	29.10	0.00	-148.61	0.40	0.00	5400.43
Aug-1983	8.37	0.70	4.02	0.33	29.10	0.43	-76.68	0.19	0.00	5371.33
Sep-1983	6.30	0.53	0.67	0.06	24.25	0.00	-90.08	0.08	0.00	5347.08
Oct-1983	4.34	0.36	1.15	0.10	21.83	0.01	-51.11	0.05	0.00	5325.25
Nov-1983	2.40	0.20	2.43	0.20	16.98	0.16	-2.02	0.18	0.00	5308.28
Dec-1983	1.55	0.13	0.99	0.08	18.38	0.01	-9.06	0.15	0.00	5289.90
Jan-1984	1.55	0.13	0.12	0.01	18.38	0.00	-22.93	0.10	0.00	5271.52
Feb-1984	2.52	0.21	0.00	0.00	15.96	0.00	-40.32	0.05	0.00	5255.56
Mar-1984	4.03	0.34	0.04	0.00	18.38	0.00	-63.86	0.02	0.00	5237.18
Apr-1984	5.70	0.48	0.24	0.02	20.81	0.00	-87.39	0.01	0.00	5216.38
May-1984	7.75	0.65	0.00	0.00	25.66	0.00	-124.00	0.00	0.00	5190.72
Jun-1984	8.70	0.73	0.55	0.05	30.51	0.00	-130.47	0.00	0.00	5160.22
Jul-1984	9.30	0.78	1.49	0.12	32.93	0.09	-126.08	0.00	0.00	5127.29
Aug-1984	8.37	0.70	2.27	0.19	32.93	0.14	-99.68	0.00	0.00	5094.36
Sep-1984	6.30	0.53	0.66	0.06	28.08	0.00	-90.20	0.00	0.00	5066.28
Oct-1984	4.34	0.36	0.18	0.01	25.66	0.00	-66.57	0.00	0.00	5040.62
Nov-1984	2.40	0.20	1.42	0.12	20.81	0.08	-16.89	0.00	0.00	5019.82
Dec-1984	1.55	0.13	4.22	0.35	22.16	0.47	34.89	28.38	442.03	5439.68
Jan-1985	1.55	0.13	1.58	0.13	22.16	0.09	-0.82	28.26	0.00	5417.52
Feb-1985	2.52	0.21	1.45	0.12	19.74	0.09	-18.27	31.25	0.00	5397.79
Mar-1985	4.03	0.34	0.27	0.02	22.16	0.00	-60.24	13.35	0.00	5375.63
Apr-1985	5.70	0.48	0.04	0.00	18.58	0.00	-90.58	4.65	0.00	5357.05
May-1985	7.75	0.65	0.09	0.01	29.44	0.00	-122.56	1.28	0.00	5327.62
Jun-1985	8.70	0.73	1.72	0.14	34.29	0.10	-113.03	0.43	0.00	5293.33
Jul-1985	9.30	0.78	0.00	0.00	29.90	0.00	-148.80	0.11	0.00	5263.43
Aug-1985	8.37	0.70	0.33	0.03	29.10	0.00	-128.62	0.03	0.00	5234.33

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1985	6.30	0.53	0.68	0.06	24.25	0.00	-89.89	0.02	0.00	5210.08
Oct-1985	4.34	0.36	4.49	0.37	21.83	0.53	-6.38	0.51	0.00	5188.26
Nov-1985	2.40	0.20	1.75	0.15	16.98	0.10	-11.82	0.38	0.00	5171.28
Dec-1985	1.55	0.13	0.00	0.00	14.55	0.00	-24.80	0.22	0.00	5156.73
Jan-1986	1.55	0.13	0.74	0.06	14.55	0.00	-12.90	0.16	0.00	5142.18
Feb-1986	2.52	0.21	3.50	0.29	12.13	0.32	10.38	10.50	2.36	5132.41
Mar-1986	4.03	0.34	3.44	0.29	14.55	0.31	-14.58	8.13	0.00	5117.86
Apr-1986	5.70	0.48	0.28	0.02	16.98	0.00	-86.77	1.73	0.00	5100.89
May-1986	7.75	0.65	0.01	0.00	21.83	0.00	-123.81	0.35	0.00	5079.06
Jun-1986	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.07	0.00	5052.39
Jul-1986	9.30	0.78	0.35	0.03	29.10	0.00	-143.25	0.02	0.00	5023.29
Aug-1986	8.37	0.70	0.06	0.00	29.10	0.00	-132.98	0.00	0.00	4994.19
Sep-1986	6.30	0.53	1.31	0.11	24.25	0.08	-81.01	0.00	0.00	4969.94
Oct-1986	4.34	0.36	2.10	0.17	21.83	0.12	-37.71	0.00	0.00	4948.11
Nov-1986	2.40	0.20	0.57	0.05	16.98	0.00	-29.35	0.00	0.00	4931.14
Dec-1986	1.55	0.13	0.71	0.06	14.55	0.00	-13.39	0.00	0.00	4916.59
Jan-1987	1.55	0.13	1.64	0.14	14.55	0.09	0.19	0.54	0.00	4902.04
Feb-1987	2.52	0.21	2.53	0.21	12.13	0.17	-2.48	0.58	0.00	4889.91
Mar-1987	4.03	0.34	2.55	0.21	14.55	0.17	-26.31	0.38	0.00	4875.36
Apr-1987	5.70	0.48	0.20	0.02	16.98	0.00	-88.08	0.11	0.00	4858.39
May-1987	7.75	0.65	0.08	0.01	21.83	0.00	-122.69	0.03	0.00	4836.56
Jun-1987	8.70	0.73	0.01	0.00	26.68	0.00	-139.01	0.01	0.00	4809.89
Jul-1987	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.00	0.00	4780.79
Aug-1987	8.37	0.70	0.64	0.05	29.10	0.00	-123.63	0.00	0.00	4751.69
Sep-1987	6.30	0.53	0.48	0.04	24.25	0.00	-93.19	0.00	0.00	4727.44
Oct-1987	4.34	0.36	3.10	0.26	21.83	0.25	-23.91	0.00	0.00	4705.61
Nov-1987	2.40	0.20	2.46	0.20	16.98	0.16	-1.59	0.35	0.00	4688.64
Dec-1987	1.55	0.13	1.81	0.15	14.55	0.10	2.65	3.00	0.00	4674.09
Jan-1988	1.55	0.13	3.46	0.29	14.55	0.32	25.40	26.04	222.29	4881.83
Feb-1988	2.52	0.21	1.93	0.16	12.13	0.11	-11.08	23.01	0.00	4869.70
Mar-1988	4.03	0.34	0.71	0.06	14.55	0.00	-53.07	8.14	0.00	4855.15
Apr-1988	5.70	0.48	2.46	0.21	16.98	0.16	-54.33	3.64	0.00	4838.18
May-1988	7.75	0.65	0.35	0.03	21.83	0.00	-118.32	0.81	0.00	4816.35
Jun-1988	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.17	0.00	4789.68
Jul-1988	9.30	0.78	0.02	0.00	29.10	0.00	-148.43	0.04	0.00	4760.58
Aug-1988	8.37	0.70	1.63	0.14	29.10	0.09	-109.05	0.01	0.00	4731.48
Sep-1988	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.01	0.00	4707.23
Oct-1988	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4685.40
Nov-1988	2.40	0.20	1.07	0.09	16.98	0.01	-21.30	0.00	0.00	4668.43

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-1988	1.55	0.13	2.10	0.17	14.55	0.12	6.93	6.71	10.90	4664.78
Jan-1989	1.55	0.13	1.05	0.09	14.55	0.01	-8.13	5.59	0.00	4650.23
Feb-1989	2.52	0.21	1.17	0.10	12.13	0.01	-21.62	3.43	0.00	4638.11
Mar-1989	4.03	0.34	1.63	0.14	14.55	0.09	-39.61	1.74	0.00	4623.56
Apr-1989	5.70	0.48	0.21	0.02	16.98	0.00	-87.89	0.52	0.00	4606.58
May-1989	7.75	0.65	0.13	0.01	21.83	0.00	-121.94	0.12	0.00	4584.76
Jun-1989	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.03	0.00	4558.08
Jul-1989	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.01	0.00	4528.98
Aug-1989	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4499.88
Sep-1989	6.30	0.53	0.17	0.01	24.25	0.00	-98.12	0.00	0.00	4475.63
Oct-1989	4.34	0.36	0.35	0.03	21.83	0.00	-63.76	0.00	0.00	4453.81
Nov-1989	2.40	0.20	0.03	0.00	16.98	0.00	-37.90	0.00	0.00	4436.83
Dec-1989	1.55	0.13	0.29	0.02	14.55	0.00	-20.18	0.00	0.00	4422.28
Jan-1990	1.55	0.13	3.03	0.25	14.55	0.24	19.85	18.43	68.10	4475.83
Feb-1990	2.52	0.21	1.76	0.15	12.13	0.10	-13.57	13.59	0.00	4463.70
Mar-1990	4.03	0.34	0.69	0.06	14.55	0.00	-53.44	4.90	0.00	4449.15
Apr-1990	5.70	0.48	0.98	0.08	16.98	0.00	-75.58	1.68	0.00	4432.18
May-1990	7.75	0.65	0.23	0.02	21.83	0.00	-120.38	0.40	0.00	4410.35
Jun-1990	8.70	0.73	0.22	0.02	26.68	0.00	-135.71	0.09	0.00	4383.68
Jul-1990	9.30	0.78	0.11	0.01	29.10	0.00	-147.05	0.02	0.00	4354.58
Aug-1990	8.37	0.70	0.18	0.01	29.10	0.00	-131.05	0.01	0.00	4325.48
Sep-1990	6.30	0.53	0.62	0.05	24.25	0.00	-90.95	0.00	0.00	4301.23
Oct-1990	4.34	0.36	0.04	0.00	21.83	0.00	-68.82	0.00	0.00	4279.40
Nov-1990	2.40	0.20	0.55	0.05	16.98	0.00	-29.54	0.00	0.00	4262.43
Dec-1990	1.55	0.13	1.29	0.11	14.55	0.08	-5.32	0.00	0.00	4247.88
Jan-1991	1.55	0.13	1.34	0.11	14.55	0.08	-4.52	0.00	0.00	4233.33
Feb-1991	2.52	0.21	2.21	0.18	12.13	0.13	-6.97	0.00	0.00	4221.20
Mar-1991	4.03	0.34	12.06	1.01	14.55	3.01	78.57	43.19	2594.09	5495.00
Apr-1991	5.70	0.48	0.05	0.00	16.98	0.00	-90.39	31.83	0.00	5478.03
May-1991	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	3.99	0.00	5456.20
Jun-1991	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.69	0.00	5429.53
Jul-1991	9.30	0.78	0.61	0.05	29.10	0.00	-139.01	0.15	0.00	5400.43
Aug-1991	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.04	0.00	5371.33
Sep-1991	6.30	0.53	0.35	0.03	24.25	0.00	-95.18	0.01	0.00	5347.08
Oct-1991	4.34	0.36	0.58	0.05	21.83	0.00	-60.21	0.01	0.00	5325.25
Nov-1991	2.40	0.20	0.30	0.02	16.98	0.00	-33.66	0.01	0.00	5308.28
Dec-1991	1.55	0.13	2.80	0.23	14.55	0.21	16.72	15.59	54.27	5347.99
Jan-1992	1.55	0.13	2.68	0.22	14.55	0.19	15.13	26.96	255.93	5495.00
Feb-1992	2.52	0.21	5.00	0.42	12.13	0.66	28.82	45.76	1295.75	5495.00

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 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-1992	4.03	0.34	4.89	0.41	14.55	0.63	3.28	46.04	333.51	5495.00
Apr-1992	5.70	0.48	0.67	0.06	16.98	0.00	-80.41	35.97	0.00	5478.03
May-1992	7.75	0.65	0.23	0.02	21.83	0.00	-120.38	7.06	0.00	5456.20
Jun-1992	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	1.54	0.00	5429.53
Jul-1992	9.30	0.78	0.74	0.06	29.10	0.00	-136.90	0.40	0.00	5400.43
Aug-1992	8.37	0.70	2.03	0.17	29.10	0.12	-103.20	0.15	0.00	5371.33
Sep-1992	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.06	0.00	5347.08
Oct-1992	4.34	0.36	0.24	0.02	21.83	0.00	-65.63	0.03	0.00	5325.25
Nov-1992	2.40	0.20	0.06	0.00	16.98	0.00	-37.46	0.02	0.00	5308.28
Dec-1992	1.55	0.13	4.00	0.33	14.55	0.42	32.20	26.95	334.54	5495.00
Jan-1993	1.55	0.13	18.44	1.54	14.55	5.63	177.36	48.20	9031.91	5495.00
Feb-1993	2.52	0.21	6.45	0.54	12.13	1.05	45.30	48.20	2362.45	5495.00
Mar-1993	4.03	0.34	1.51	0.13	14.55	0.09	-41.46	48.20	0.00	5480.45
Apr-1993	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	12.52	0.00	5463.48
May-1993	7.75	0.65	0.12	0.01	21.83	0.00	-122.13	3.01	0.00	5441.65
Jun-1993	8.70	0.73	0.16	0.01	26.68	0.00	-136.64	0.71	0.00	5414.98
Jul-1993	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.17	0.00	5385.88
Aug-1993	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.05	0.00	5356.78
Sep-1993	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.02	0.00	5332.53
Oct-1993	4.34	0.36	0.30	0.02	21.83	0.00	-64.70	0.01	0.00	5310.70
Nov-1993	2.40	0.20	1.48	0.12	16.98	0.09	-15.92	0.01	0.00	5293.73
Dec-1993	1.55	0.13	1.15	0.10	14.55	0.01	-6.47	0.01	0.00	5279.18
Jan-1994	1.55	0.13	1.68	0.14	14.55	0.09	0.84	1.06	0.00	5264.63
Feb-1994	2.52	0.21	4.11	0.34	12.13	0.45	18.03	18.10	54.06	5306.56
Mar-1994	4.03	0.34	3.11	0.26	14.55	0.25	-18.79	13.91	0.00	5292.01
Apr-1994	5.70	0.48	1.34	0.11	16.98	0.08	-70.92	3.64	0.00	5275.04
May-1994	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.71	0.00	5253.21
Jun-1994	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.15	0.00	5226.54
Jul-1994	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.03	0.00	5197.44
Aug-1994	8.37	0.70	1.21	0.10	29.10	0.08	-115.75	0.01	0.00	5168.34
Sep-1994	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.00	0.00	5144.09
Oct-1994	4.34	0.36	0.19	0.02	21.83	0.00	-66.38	0.00	0.00	5122.26
Nov-1994	2.40	0.20	0.68	0.06	16.98	0.00	-27.55	0.00	0.00	5105.29
Dec-1994	1.55	0.13	0.96	0.08	14.55	0.00	-9.43	0.00	0.00	5090.74
Jan-1995	1.55	0.13	10.03	0.84	14.55	2.24	98.27	46.52	3581.17	5495.00
Feb-1995	2.52	0.21	3.25	0.27	12.13	0.28	7.16	46.98	372.62	5495.00
Mar-1995	4.03	0.34	6.56	0.55	14.55	1.09	22.38	48.20	1186.03	5495.00
Apr-1995	5.70	0.48	1.25	0.10	16.98	0.08	-72.34	48.20	0.00	5478.03
May-1995	7.75	0.65	1.09	0.09	21.83	0.01	-106.59	10.34	0.00	5456.20

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 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-1995	8.70	0.73	0.48	0.04	26.68	0.00	-131.59	2.30	0.00	5429.53
Jul-1995	9.30	0.78	0.06	0.00	29.10	0.00	-147.86	0.50	0.00	5400.43
Aug-1995	8.37	0.70	0.64	0.05	29.10	0.00	-123.75	0.15	0.00	5371.33
Sep-1995	6.30	0.53	0.28	0.02	24.25	0.00	-96.31	0.06	0.00	5347.08
Oct-1995	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.03	0.00	5325.25
Nov-1995	2.40	0.20	0.08	0.01	16.98	0.00	-37.15	0.02	0.00	5308.28
Dec-1995	1.55	0.13	0.57	0.05	14.55	0.00	-15.75	0.02	0.00	5293.73
Jan-1996	1.55	0.13	1.52	0.13	14.55	0.09	-1.60	0.02	0.00	5279.18
Feb-1996	2.52	0.21	3.17	0.26	12.13	0.26	6.19	6.42	0.00	5267.05
Mar-1996	4.03	0.34	2.73	0.23	14.55	0.20	-23.91	4.00	0.00	5252.50
Apr-1996	5.70	0.48	0.53	0.04	16.98	0.00	-82.78	1.00	0.00	5235.53
May-1996	7.75	0.65	0.07	0.01	21.83	0.00	-122.88	0.21	0.00	5213.70
Jun-1996	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.04	0.00	5187.03
Jul-1996	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.01	0.00	5157.93
Aug-1996	8.37	0.70	0.07	0.01	29.10	0.00	-132.80	0.00	0.00	5128.83
Sep-1996	6.30	0.53	0.03	0.00	24.25	0.00	-100.30	0.00	0.00	5104.58
Oct-1996	4.34	0.36	1.54	0.13	21.83	0.09	-46.00	0.00	0.00	5082.75
Nov-1996	2.40	0.20	0.91	0.08	16.98	0.00	-23.83	0.00	0.00	5065.78
Dec-1996	1.55	0.13	1.97	0.16	14.55	0.11	5.01	4.96	2.30	5053.53
Jan-1997	1.55	0.13	4.29	0.36	14.55	0.49	35.85	31.61	697.55	5495.00
Feb-1997	2.52	0.21	1.51	0.13	12.13	0.09	-17.30	27.11	0.00	5482.88
Mar-1997	4.03	0.34	0.02	0.00	14.55	0.00	-64.17	8.19	0.00	5468.33
Apr-1997	5.70	0.48	0.22	0.02	16.98	0.00	-87.71	2.47	0.00	5451.35
May-1997	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.58	0.00	5429.53
Jun-1997	8.70	0.73	0.07	0.01	26.68	0.00	-138.08	0.13	0.00	5402.85
Jul-1997	9.30	0.78	1.91	0.16	29.10	0.11	-119.74	0.04	0.00	5373.75
Aug-1997	8.37	0.70	0.16	0.01	29.10	0.00	-131.36	0.01	0.00	5344.65
Sep-1997	6.30	0.53	1.74	0.15	24.25	0.10	-74.28	0.01	0.00	5320.40
Oct-1997	4.34	0.36	4.17	0.35	21.83	0.46	-10.32	0.01	0.00	5298.58
Nov-1997	2.40	0.20	0.00	0.00	16.98	0.00	-38.40	0.00	0.00	5281.60
Dec-1997	1.55	0.13	0.00	0.00	14.55	0.00	-24.80	0.00	0.00	5267.05
Jan-1998	1.55	0.13	1.59	0.13	14.55	0.09	-0.58	0.11	0.00	5252.50
Feb-1998	2.52	0.21	10.27	0.86	12.13	2.33	85.20	45.23	2914.75	5495.00
Mar-1998	4.03	0.34	4.36	0.36	14.55	0.50	-3.07	44.87	116.90	5495.00
Apr-1998	5.70	0.48	2.17	0.18	16.98	0.13	-58.40	30.77	0.00	5478.03
May-1998	7.75	0.65	1.16	0.10	21.83	0.01	-105.55	6.20	0.00	5456.20
Jun-1998	8.70	0.73	0.02	0.00	26.68	0.00	-138.83	1.13	0.00	5429.53
Jul-1998	9.30	0.78	0.10	0.01	29.10	0.00	-147.18	0.22	0.00	5400.43
Aug-1998	8.37	0.70	0.20	0.02	29.10	0.00	-130.74	0.06	0.00	5371.33

Groundwater Resources Investigation Report, Jacumba Community Services District
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Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1998	6.30	0.53	0.20	0.02	24.25	0.00	-97.62	0.02	0.00	5347.08
Oct-1998	4.34	0.36	0.04	0.00	21.83	0.00	-68.88	0.01	0.00	5325.25
Nov-1998	2.40	0.20	1.16	0.10	16.98	0.01	-19.95	0.01	0.00	5308.28
Dec-1998	1.55	0.13	1.41	0.12	14.55	0.08	-3.41	0.01	0.00	5293.73
Jan-1999	1.55	0.13	1.65	0.14	14.55	0.09	0.25	0.59	0.00	5279.18
Feb-1999	2.52	0.21	0.82	0.07	12.13	0.00	-27.18	0.37	0.00	5267.05
Mar-1999	4.03	0.34	0.62	0.05	14.55	0.00	-54.56	0.17	0.00	5252.50
Apr-1999	5.70	0.48	3.28	0.27	16.98	0.28	-43.32	0.10	0.00	5235.53
May-1999	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.03	0.00	5213.70
Jun-1999	8.70	0.73	0.46	0.04	26.68	0.00	-131.90	0.01	0.00	5187.03
Jul-1999	9.30	0.78	0.36	0.03	29.10	0.00	-143.06	0.00	0.00	5157.93
Aug-1999	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	5128.83
Sep-1999	6.30	0.53	0.14	0.01	24.25	0.00	-98.62	0.00	0.00	5104.58
Oct-1999	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	5082.75
Nov-1999	2.40	0.20	0.00	0.00	16.98	0.00	-38.40	0.00	0.00	5065.78
Dec-1999	1.55	0.13	0.21	0.02	14.55	0.00	-21.49	0.00	0.00	5051.23
Jan-2000	1.55	0.13	0.74	0.06	14.55	0.00	-12.96	0.00	0.00	5036.68
Feb-2000	2.52	0.21	4.17	0.35	12.13	0.46	18.75	17.74	53.28	5077.83
Mar-2000	4.03	0.34	1.46	0.12	14.55	0.09	-42.30	9.91	0.00	5063.28
Apr-2000	5.70	0.48	0.46	0.04	16.98	0.00	-83.90	2.07	0.00	5046.30
May-2000	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.43	0.00	5024.48
Jun-2000	8.70	0.73	0.21	0.02	26.68	0.00	-135.89	0.10	0.00	4997.80
Jul-2000	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.02	0.00	4968.70
Aug-2000	8.37	0.70	0.13	0.01	29.10	0.00	-131.86	0.01	0.00	4939.60
Sep-2000	6.30	0.53	0.30	0.02	24.25	0.00	-96.06	0.00	0.00	4915.35
Oct-2000	4.34	0.36	0.64	0.05	21.83	0.00	-59.21	0.00	0.00	4893.53
Nov-2000	2.40	0.20	0.39	0.03	16.98	0.00	-32.22	0.00	0.00	4876.55
Dec-2000	1.55	0.13	0.04	0.00	14.55	0.00	-24.18	0.00	0.00	4862.00
Jan-2001	1.55	0.13	2.90	0.24	14.55	0.22	18.03	16.77	60.06	4907.51
Feb-2001	2.52	0.21	4.08	0.34	12.13	0.44	17.74	29.18	409.76	5305.15
Mar-2001	4.03	0.34	1.75	0.15	14.55	0.10	-37.90	34.43	0.00	5290.60
Apr-2001	5.70	0.48	1.44	0.12	16.98	0.09	-69.27	10.71	0.00	5273.62
May-2001	7.75	0.65	0.03	0.00	21.83	0.00	-123.50	2.10	0.00	5251.80
Jun-2001	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.39	0.00	5225.12
Jul-2001	9.30	0.78	0.12	0.01	29.10	0.00	-146.87	0.07	0.00	5196.02
Aug-2001	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.02	0.00	5166.92
Sep-2001	6.30	0.53	0.24	0.02	24.25	0.00	-96.99	0.01	0.00	5142.67
Oct-2001	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	5120.85
Nov-2001	2.40	0.20	1.10	0.09	16.98	0.01	-20.87	0.00	0.00	5103.87

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-2001	1.55	0.13	1.01	0.08	14.55	0.01	-8.69	0.00	0.00	5089.32
Jan-2002	1.55	0.13	0.40	0.03	14.55	0.00	-18.44	0.00	0.00	5074.77
Feb-2002	2.52	0.21	0.12	0.01	12.13	0.00	-38.39	0.00	0.00	5062.65
Mar-2002	4.03	0.34	1.11	0.09	14.55	0.01	-46.77	0.00	0.00	5048.10
Apr-2002	5.70	0.48	0.39	0.03	16.98	0.00	-85.02	0.00	0.00	5031.12
May-2002	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.00	0.00	5009.30
Jun-2002	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4982.62
Jul-2002	9.30	0.78	0.19	0.02	29.10	0.00	-145.80	0.00	0.00	4953.52
Aug-2002	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4924.42
Sep-2002	6.30	0.53	1.15	0.10	24.25	0.01	-82.41	0.00	0.00	4900.17
Oct-2002	4.34	0.36	0.01	0.00	21.83	0.00	-69.25	0.00	0.00	4878.35
Nov-2002	2.40	0.20	1.03	0.09	16.98	0.01	-22.04	0.00	0.00	4861.37
Dec-2002	1.55	0.13	1.84	0.15	14.55	0.10	3.17	3.17	0.00	4846.82
Jan-2003	1.55	0.13	0.18	0.01	14.55	0.00	-21.93	1.93	0.00	4832.27
Feb-2003	2.52	0.21	4.05	0.34	12.13	0.43	17.31	18.38	45.70	4865.85
Mar-2003	4.03	0.34	2.17	0.18	14.55	0.13	-31.68	11.79	0.00	4851.30
Apr-2003	5.70	0.48	1.54	0.13	16.98	0.09	-67.70	3.29	0.00	4834.32
May-2003	7.75	0.65	0.90	0.08	21.83	0.00	-109.62	0.78	0.00	4812.50
Jun-2003	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.16	0.00	4785.82
Jul-2003	9.30	0.78	1.91	0.16	29.10	0.11	-119.79	0.05	0.00	4756.72
Aug-2003	8.37	0.70	1.47	0.12	29.10	0.09	-111.50	0.02	0.00	4727.62
Sep-2003	6.30	0.53	0.37	0.03	24.25	0.00	-94.81	0.01	0.00	4703.37
Oct-2003	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4681.55
Nov-2003	2.40	0.20	0.55	0.05	16.98	0.00	-29.60	0.00	0.00	4664.57
Dec-2003	1.55	0.13	1.25	0.10	14.55	0.08	-5.88	0.00	0.00	4650.02
Jan-2004	1.55	0.13	0.67	0.06	14.55	0.00	-14.01	0.00	0.00	4635.47
Feb-2004	2.52	0.21	4.41	0.37	12.13	0.51	21.75	19.94	105.04	4728.38
Mar-2004	4.03	0.34	0.66	0.05	14.55	0.00	-54.00	11.06	0.00	4713.83
Apr-2004	5.70	0.48	1.32	0.11	16.98	0.08	-71.22	2.57	0.00	4696.86
May-2004	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.50	0.00	4675.03
Jun-2004	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.11	0.00	4648.36
Jul-2004	9.30	0.78	0.14	0.01	29.10	0.00	-146.55	0.02	0.00	4619.26
Aug-2004	8.37	0.70	0.01	0.00	29.10	0.00	-133.73	0.01	0.00	4590.16
Sep-2004	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.00	0.00	4565.91
Oct-2004	4.34	0.36	8.51	0.71	21.83	1.71	38.14	29.99	623.15	5167.23
Nov-2004	2.40	0.20	1.07	0.09	16.98	0.01	-21.30	23.27	0.00	5150.26
Dec-2004	1.55	0.13	4.70	0.39	14.55	0.58	40.70	41.87	1684.60	5495.00
Jan-2005	1.55	0.13	5.12	0.43	14.55	0.69	45.72	48.20	2359.96	5495.00
Feb-2005	2.52	0.21	4.85	0.40	12.13	0.62	26.98	48.20	1404.90	5495.00

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-2005	4.03	0.34	1.58	0.13	14.55	0.09	-40.38	48.20	0.00	5480.45
Apr-2005	5.70	0.48	0.58	0.05	16.98	0.00	-81.90	14.09	0.00	5463.48
May-2005	7.75	0.65	0.04	0.00	21.83	0.00	-123.38	3.29	0.00	5441.65
Jun-2005	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.75	0.00	5414.98
Jul-2005	9.30	0.78	0.46	0.04	29.10	0.00	-141.37	0.19	0.00	5385.88
Aug-2005	8.37	0.70	2.51	0.21	29.10	0.17	-96.40	0.08	0.00	5356.78
Sep-2005	6.30	0.53	0.01	0.00	24.25	0.00	-100.61	0.03	0.00	5332.53
Oct-2005	4.34	0.36	0.61	0.05	21.83	0.00	-59.65	0.02	0.00	5310.70
Nov-2005	2.40	0.20	0.11	0.01	16.98	0.00	-36.65	0.01	0.00	5293.73
Dec-2005	1.55	0.13	0.00	0.00	14.55	0.00	-24.80	0.01	0.00	5279.18
Jan-2006	1.55	0.13	0.98	0.08	14.55	0.00	-9.24	0.01	0.00	5264.63
Feb-2006	2.52	0.21	1.29	0.11	12.13	0.08	-20.84	0.01	0.00	5252.50
Mar-2006	4.03	0.34	3.34	0.28	14.55	0.29	-15.84	0.01	0.00	5237.95
Apr-2006	5.70	0.48	2.23	0.19	16.98	0.14	-57.57	0.00	0.00	5220.98
May-2006	7.75	0.65	0.22	0.02	21.83	0.00	-120.51	0.00	0.00	5199.15
Jun-2006	8.70	0.73	0.16	0.01	26.68	0.00	-136.70	0.00	0.00	5172.48
Jul-2006	9.30	0.78	0.52	0.04	29.10	0.00	-140.50	0.00	0.00	5143.38
Aug-2006	8.37	0.70	0.03	0.00	29.10	0.00	-133.42	0.00	0.00	5114.28
Sep-2006	6.30	0.53	0.07	0.01	24.25	0.00	-99.68	0.00	0.00	5090.03
Oct-2006	4.34	0.36	0.36	0.03	21.83	0.00	-63.70	0.00	0.00	5068.20
Nov-2006	2.40	0.20	0.17	0.01	16.98	0.00	-35.72	0.00	0.00	5051.23
Dec-2006	1.55	0.13	1.18	0.10	14.55	0.08	-7.00	0.00	0.00	5036.68
Jan-2007	1.55	0.13	0.74	0.06	14.55	0.00	-12.96	0.00	0.00	5022.13
Feb-2007	2.52	0.21	3.05	0.25	12.13	0.24	4.59	5.02	0.00	5010.00
Mar-2007	4.03	0.34	0.22	0.02	14.55	0.00	-60.99	1.52	0.00	4995.45
Apr-2007	5.70	0.48	0.76	0.06	16.98	0.00	-79.05	0.48	0.00	4978.48
May-2007	7.75	0.65	0.04	0.00	21.83	0.00	-123.38	0.11	0.00	4956.65
Jun-2007	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.02	0.00	4929.98
Jul-2007	9.30	0.78	0.18	0.01	29.10	0.00	-145.93	0.00	0.00	4900.88
Aug-2007	8.37	0.70	0.13	0.01	29.10	0.00	-131.86	0.00	0.00	4871.78
Sep-2007	6.30	0.53	0.01	0.00	24.25	0.00	-100.61	0.00	0.00	4847.53
Oct-2007	4.34	0.36	0.17	0.01	21.83	0.00	-66.76	0.00	0.00	4825.70
Nov-2007	2.40	0.20	0.32	0.03	16.98	0.00	-33.28	0.00	0.00	4808.72
Dec-2007	1.55	0.13	2.66	0.22	14.55	0.19	14.76	13.80	45.61	4839.78
Jan-2008	1.55	0.13	7.22	0.60	14.55	1.29	69.24	45.39	2773.53	5495.00
Feb-2008	2.52	0.21	2.85	0.24	12.13	0.21	1.94	45.69	152.66	5495.00
Mar-2008	4.03	0.34	0.51	0.04	14.55	0.00	-56.37	36.55	0.00	5480.45
Apr-2008	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	9.37	0.00	5463.48
May-2008	7.75	0.65	0.26	0.02	21.83	0.00	-119.88	2.11	0.00	5441.65

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-2008	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.43	0.00	5414.98
Jul-2008	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.09	0.00	5385.88
Aug-2008	8.37	0.70	1.34	0.11	29.10	0.08	-113.64	0.03	0.00	5356.78
Sep-2008	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.01	0.00	5332.53
Oct-2008	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.01	0.00	5310.70
Nov-2008	2.40	0.20	1.79	0.15	16.98	0.10	-11.24	0.01	0.00	5293.73
Dec-2008	1.55	0.13	6.15	0.51	14.55	0.96	57.43	38.62	1472.26	5495.00
Jan-2009	1.55	0.13	0.20	0.02	14.55	0.00	-21.62	33.43	0.00	5480.45
Feb-2009	2.52	0.21	3.66	0.31	12.13	0.35	12.47	38.76	560.38	5495.00
Mar-2009	4.03	0.34	0.09	0.01	14.55	0.00	-63.04	26.75	0.00	5480.45
Apr-2009	5.70	0.48	0.24	0.02	16.98	0.00	-87.39	5.23	0.00	5463.48
May-2009	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	1.04	0.00	5441.65
Jun-2009	8.70	0.73	0.03	0.00	26.68	0.00	-138.70	0.22	0.00	5414.98
Jul-2009	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.05	0.00	5385.88
Aug-2009	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.01	0.00	5356.78
Sep-2009	6.30	0.53	0.03	0.00	24.25	0.00	-100.30	0.01	0.00	5332.53
Oct-2009	4.34	0.36	0.03	0.00	21.83	0.00	-68.94	0.00	0.00	5310.70
Nov-2009	2.40	0.20	0.69	0.06	16.98	0.00	-27.30	0.00	0.00	5293.73
Dec-2009	1.55	0.13	4.82	0.40	14.55	0.61	42.18	32.06	771.63	5495.00
Jan-2010	1.55	0.13	6.54	0.55	14.55	1.08	61.81	46.98	3085.78	5495.00
Feb-2010	2.52	0.21	5.08	0.42	12.13	0.68	29.74	48.20	1547.18	5495.00
Mar-2010	4.03	0.34	1.36	0.11	14.55	0.08	-43.89	48.20	0.00	5480.45
Apr-2010	5.70	0.48	2.34	0.19	16.98	0.15	-56.08	20.16	0.00	5463.48
May-2010	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	4.42	0.00	5441.65
Jun-2010	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.98	0.00	5414.98
Jul-2010	9.30	0.78	0.07	0.01	29.10	0.00	-147.68	0.23	0.00	5385.88
Aug-2010	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.06	0.00	5356.78
Sep-2010	6.30	0.53	0.08	0.01	24.25	0.00	-99.55	0.03	0.00	5332.53
Oct-2010	4.34	0.36	3.20	0.27	21.83	0.27	-22.63	0.02	0.00	5310.70
Nov-2010	2.40	0.20	1.18	0.10	16.98	0.08	-20.67	0.02	0.00	5293.73
Dec-2010	1.55	0.13	8.15	0.68	14.55	1.59	79.05	44.04	2579.44	5495.00
Jan-2011	1.55	0.13	0.24	0.02	14.55	0.00	-20.99	40.11	0.00	5480.45
Feb-2011	2.52	0.21	4.89	0.41	12.13	0.63	27.44	46.17	1418.77	5495.00
Mar-2011	4.03	0.34	1.63	0.14	14.55	0.09	-39.67	46.15	0.00	5480.45
Apr-2011	5.70	0.48	0.39	0.03	16.98	0.00	-85.02	12.76	0.00	5463.48
May-2011	7.75	0.65	0.71	0.06	21.83	0.00	-112.59	3.37	0.00	5441.65
Jun-2011	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.77	0.00	5414.98
Jul-2011	9.30	0.78	0.22	0.02	29.10	0.00	-145.31	0.19	0.00	5385.88
Aug-2011	8.37	0.70	1.27	0.11	29.10	0.08	-114.75	0.06	0.00	5356.78

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-2011	6.30	0.53	0.22	0.02	24.25	0.00	-97.31	0.03	0.00	5332.53
Oct-2011	4.34	0.36	0.64	0.05	21.83	0.00	-59.27	0.02	0.00	5310.70
Nov-2011	2.40	0.20	3.36	0.28	16.98	0.30	10.55	10.44	6.02	5299.74
Dec-2011	1.55	0.13	1.61	0.13	14.55	0.09	-0.35	10.56	0.00	5285.19
Jan-2012	1.55	0.13	0.73	0.06	14.55	0.00	-13.21	7.68	0.00	5270.64
Feb-2012	2.52	0.21	2.00	0.17	12.13	0.11	-10.06	6.33	0.00	5258.52
Mar-2012	4.03	0.34	2.86	0.24	14.55	0.21	-22.17	4.32	0.00	5243.97
Apr-2012	5.70	0.48	2.83	0.24	16.98	0.21	-49.31	2.01	0.00	5226.99
May-2012	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.40	0.00	5205.17
Jun-2012	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.08	0.00	5178.49

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	48.20	0.00	5465.90
Aug-1982	8.37	0.70	0.68	0.06	29.10	0.00	-123.05	8.46	0.00	5436.80
Sep-1982	6.30	0.53	0.32	0.03	24.25	0.00	-95.68	2.84	0.00	5412.55
Oct-1982	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	1.35	0.00	5390.73
Nov-1982	2.40	0.20	0.71	0.06	16.98	0.00	-27.05	1.02	0.00	5373.75
Dec-1982	1.55	0.13	0.00	0.00	14.55	0.00	-24.80	0.79	0.00	5359.20
Jan-1983	1.55	0.13	1.92	0.16	14.55	0.11	4.34	5.13	0.00	5344.65
Feb-1983	2.52	0.21	3.35	0.28	12.13	0.30	8.47	13.54	2.75	5335.27
Mar-1983	4.03	0.34	8.32	0.69	14.55	1.65	41.17	38.67	1314.51	5495.00
Apr-1983	5.70	0.48	1.36	0.11	16.98	0.08	-70.57	29.54	0.00	5478.03
May-1983	7.75	0.65	0.12	0.01	21.83	0.00	-122.08	3.94	0.00	5456.20
Jun-1983	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.69	0.00	5429.53
Jul-1983	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.13	0.00	5400.43
Aug-1983	8.37	0.70	1.18	0.10	29.10	0.08	-116.15	0.04	0.00	5371.33
Sep-1983	6.30	0.53	0.95	0.08	24.25	0.00	-85.64	0.02	0.00	5347.08
Oct-1983	4.34	0.36	1.06	0.09	21.83	0.01	-52.54	0.01	0.00	5325.25
Nov-1983	2.40	0.20	1.42	0.12	16.98	0.09	-16.83	0.01	0.00	5308.28
Dec-1983	1.55	0.13	0.00	0.00	18.38	0.00	-24.80	0.01	0.00	5289.90
Jan-1984	1.55	0.13	0.24	0.02	18.38	0.00	-20.96	0.01	0.00	5271.52
Feb-1984	2.52	0.21	0.00	0.00	15.96	0.00	-40.32	0.00	0.00	5255.56
Mar-1984	4.03	0.34	0.04	0.00	18.38	0.00	-63.84	0.00	0.00	5237.18
Apr-1984	5.70	0.48	0.12	0.01	20.81	0.00	-89.28	0.00	0.00	5216.38
May-1984	7.75	0.65	0.00	0.00	25.66	0.00	-124.00	0.00	0.00	5190.72
Jun-1984	8.70	0.73	0.12	0.01	30.51	0.00	-137.28	0.00	0.00	5160.22
Jul-1984	9.30	0.78	2.80	0.23	32.93	0.21	-107.28	0.00	0.00	5127.29
Aug-1984	8.37	0.70	0.00	0.00	32.93	0.00	-133.92	0.00	0.00	5094.36
Sep-1984	6.30	0.53	0.00	0.00	28.08	0.00	-100.80	0.00	0.00	5066.28
Oct-1984	4.34	0.36	0.04	0.00	25.66	0.00	-68.80	0.00	0.00	5040.62
Nov-1984	2.40	0.20	0.83	0.07	20.81	0.00	-25.14	0.00	0.00	5019.82
Dec-1984	1.55	0.13	3.62	0.30	22.16	0.35	27.46	23.92	205.87	5203.53
Jan-1985	1.55	0.13	0.98	0.08	22.16	0.00	-9.17	20.91	0.00	5181.37
Feb-1985	2.52	0.21	0.00	0.00	19.74	0.00	-40.32	9.08	0.00	5161.63
Mar-1985	4.03	0.34	0.00	0.00	22.16	0.00	-64.48	3.34	0.00	5139.47
Apr-1985	5.70	0.48	0.00	0.00	18.58	0.00	-91.20	1.05	0.00	5120.90
May-1985	7.75	0.65	0.00	0.00	29.44	0.00	-124.00	0.26	0.00	5091.46
Jun-1985	8.70	0.73	0.04	0.00	34.29	0.00	-138.56	0.06	0.00	5057.18
Jul-1985	9.30	0.78	1.10	0.09	29.90	0.01	-131.27	0.02	0.00	5027.28
Aug-1985	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4998.18

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1985	6.30	0.53	0.51	0.04	24.25	0.00	-92.64	0.00	0.00	4973.93
Oct-1985	4.34	0.36	0.47	0.04	21.83	0.00	-61.92	0.00	0.00	4952.10
Nov-1985	2.40	0.20	3.51	0.29	16.98	0.32	12.45	12.15	14.46	4949.58
Dec-1985	1.55	0.13	0.39	0.03	14.55	0.00	-18.56	8.05	0.00	4935.03
Jan-1986	1.55	0.13	0.51	0.04	14.55	0.00	-16.64	5.61	0.00	4920.48
Feb-1986	2.52	0.21	2.25	0.19	12.13	0.14	-6.42	5.09	0.00	4908.36
Mar-1986	4.03	0.34	2.21	0.18	14.55	0.13	-31.15	3.05	0.00	4893.81
Apr-1986	5.70	0.48	0.04	0.00	16.98	0.00	-90.56	0.86	0.00	4876.83
May-1986	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.20	0.00	4855.01
Jun-1986	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.04	0.00	4828.33
Jul-1986	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.01	0.00	4799.23
Aug-1986	8.37	0.70	0.16	0.01	29.10	0.00	-131.36	0.00	0.00	4770.13
Sep-1986	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.00	0.00	4745.88
Oct-1986	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4724.06
Nov-1986	2.40	0.20	0.67	0.06	16.98	0.00	-27.69	0.00	0.00	4707.08
Dec-1986	1.55	0.13	0.43	0.04	14.55	0.00	-17.92	0.00	0.00	4692.53
Jan-1987	1.55	0.13	1.50	0.13	14.55	0.09	-1.98	0.00	0.00	4677.98
Feb-1987	2.52	0.21	0.63	0.05	12.13	0.00	-30.25	0.00	0.00	4665.86
Mar-1987	4.03	0.34	0.00	0.00	14.55	0.00	-64.48	0.00	0.00	4651.31
Apr-1987	5.70	0.48	0.16	0.01	16.98	0.00	-88.64	0.00	0.00	4634.33
May-1987	7.75	0.65	0.12	0.01	21.83	0.00	-122.08	0.00	0.00	4612.51
Jun-1987	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4585.83
Jul-1987	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.00	0.00	4556.73
Aug-1987	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4527.63
Sep-1987	6.30	0.53	0.39	0.03	24.25	0.00	-94.56	0.00	0.00	4503.38
Oct-1987	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4481.56
Nov-1987	2.40	0.20	0.91	0.08	16.98	0.00	-23.87	0.00	0.00	4464.58
Dec-1987	1.55	0.13	1.69	0.14	14.55	0.09	0.92	1.12	0.00	4450.03
Jan-1988	1.55	0.13	2.60	0.22	14.55	0.18	13.99	14.23	42.22	4477.70
Feb-1988	2.52	0.21	2.09	0.17	12.13	0.12	-8.71	11.84	0.00	4465.58
Mar-1988	4.03	0.34	0.43	0.04	14.55	0.00	-57.60	3.92	0.00	4451.03
Apr-1988	5.70	0.48	1.38	0.12	16.98	0.08	-70.25	1.46	0.00	4434.05
May-1988	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.33	0.00	4412.23
Jun-1988	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.07	0.00	4385.55
Jul-1988	9.30	0.78	0.24	0.02	29.10	0.00	-144.96	0.02	0.00	4356.45
Aug-1988	8.37	0.70	0.79	0.07	29.10	0.00	-121.30	0.01	0.00	4327.35
Sep-1988	6.30	0.53	0.32	0.03	24.25	0.00	-95.68	0.00	0.00	4303.10
Oct-1988	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4281.28
Nov-1988	2.40	0.20	0.47	0.04	16.98	0.00	-30.88	0.00	0.00	4264.30

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-1988	1.55	0.13	1.18	0.10	14.55	0.08	-7.03	0.00	0.00	4249.75
Jan-1989	1.55	0.13	0.59	0.05	14.55	0.00	-15.36	0.00	0.00	4235.20
Feb-1989	2.52	0.21	0.04	0.00	12.13	0.00	-39.68	0.00	0.00	4223.08
Mar-1989	4.03	0.34	0.00	0.00	14.55	0.00	-64.48	0.00	0.00	4208.53
Apr-1989	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	0.00	0.00	4191.55
May-1989	7.75	0.65	0.12	0.01	21.83	0.00	-122.08	0.00	0.00	4169.73
Jun-1989	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4143.05
Jul-1989	9.30	0.78	0.35	0.03	29.10	0.00	-143.20	0.00	0.00	4113.95
Aug-1989	8.37	0.70	0.87	0.07	29.10	0.00	-120.03	0.00	0.00	4084.85
Sep-1989	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.00	0.00	4060.60
Oct-1989	4.34	0.36	1.62	0.14	21.83	0.09	-44.78	0.00	0.00	4038.78
Nov-1989	2.40	0.20	0.08	0.01	16.98	0.00	-37.12	0.00	0.00	4021.80
Dec-1989	1.55	0.13	0.12	0.01	14.55	0.00	-22.88	0.00	0.00	4007.25
Jan-1990	1.55	0.13	1.82	0.15	14.55	0.10	2.86	2.86	0.00	3992.70
Feb-1990	2.52	0.21	0.71	0.06	12.13	0.00	-28.97	1.54	0.00	3980.58
Mar-1990	4.03	0.34	0.55	0.05	14.55	0.00	-55.68	0.63	0.00	3966.03
Apr-1990	5.70	0.48	0.75	0.06	16.98	0.00	-79.22	0.22	0.00	3949.05
May-1990	7.75	0.65	0.32	0.03	21.83	0.00	-118.88	0.06	0.00	3927.23
Jun-1990	8.70	0.73	2.76	0.23	26.68	0.20	-98.22	0.02	0.00	3900.55
Jul-1990	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.00	0.00	3871.45
Aug-1990	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	3842.35
Sep-1990	6.30	0.53	0.16	0.01	24.25	0.00	-98.24	0.00	0.00	3818.10
Oct-1990	4.34	0.36	0.16	0.01	21.83	0.00	-66.88	0.00	0.00	3796.28
Nov-1990	2.40	0.20	0.43	0.04	16.98	0.00	-31.52	0.00	0.00	3779.30
Dec-1990	1.55	0.13	0.59	0.05	14.55	0.00	-15.36	0.00	0.00	3764.75
Jan-1991	1.55	0.13	1.06	0.09	14.55	0.01	-7.90	0.00	0.00	3750.20
Feb-1991	2.52	0.21	3.23	0.27	12.13	0.27	6.91	7.02	0.00	3738.08
Mar-1991	4.03	0.34	5.91	0.49	14.55	0.90	15.10	19.96	164.09	3887.62
Apr-1991	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	10.89	0.00	3870.64
May-1991	7.75	0.65	0.04	0.00	21.83	0.00	-123.36	0.94	0.00	3848.82
Jun-1991	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.16	0.00	3822.14
Jul-1991	9.30	0.78	0.20	0.02	29.10	0.00	-145.60	0.03	0.00	3793.04
Aug-1991	8.37	0.70	0.32	0.03	29.10	0.00	-128.80	0.01	0.00	3763.94
Sep-1991	6.30	0.53	0.43	0.04	24.25	0.00	-93.92	0.00	0.00	3739.69
Oct-1991	4.34	0.36	0.43	0.04	21.83	0.00	-62.56	0.00	0.00	3717.87
Nov-1991	2.40	0.20	0.16	0.01	16.98	0.00	-35.84	0.00	0.00	3700.89
Dec-1991	1.55	0.13	2.36	0.20	14.55	0.15	10.66	10.08	27.46	3713.80
Jan-1992	1.55	0.13	1.85	0.15	14.55	0.10	3.31	13.30	4.21	3703.46
Feb-1992	2.52	0.21	3.31	0.28	12.13	0.29	7.95	20.45	59.31	3750.65

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-1992	4.03	0.34	4.73	0.39	14.55	0.59	1.43	32.38	131.86	3867.96
Apr-1992	5.70	0.48	0.47	0.04	16.98	0.00	-83.68	21.59	0.00	3850.99
May-1992	7.75	0.65	0.63	0.05	21.83	0.00	-113.93	4.28	0.00	3829.16
Jun-1992	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.89	0.00	3802.49
Jul-1992	9.30	0.78	0.75	0.06	29.10	0.00	-136.82	0.22	0.00	3773.39
Aug-1992	8.37	0.70	1.69	0.14	29.10	0.09	-108.20	0.08	0.00	3744.29
Sep-1992	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.03	0.00	3720.04
Oct-1992	4.34	0.36	0.28	0.02	21.83	0.00	-64.96	0.02	0.00	3698.21
Nov-1992	2.40	0.20	0.08	0.01	16.98	0.00	-37.12	0.01	0.00	3681.24
Dec-1992	1.55	0.13	2.76	0.23	14.55	0.20	16.18	15.10	51.87	3718.55
Jan-1993	1.55	0.13	9.89	0.82	14.55	2.19	96.90	47.49	4285.19	5495.00
Feb-1993	2.52	0.21	5.24	0.44	12.13	0.72	31.59	48.20	1644.42	5495.00
Mar-1993	4.03	0.34	0.79	0.07	14.55	0.00	-51.86	48.20	0.00	5480.45
Apr-1993	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	12.52	0.00	5463.48
May-1993	7.75	0.65	0.20	0.02	21.83	0.00	-120.80	3.06	0.00	5441.65
Jun-1993	8.70	0.73	0.20	0.02	26.68	0.00	-136.00	0.73	0.00	5414.98
Jul-1993	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.17	0.00	5385.88
Aug-1993	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.05	0.00	5356.78
Sep-1993	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.02	0.00	5332.53
Oct-1993	4.34	0.36	0.08	0.01	21.83	0.00	-68.16	0.01	0.00	5310.70
Nov-1993	2.40	0.20	1.30	0.11	16.98	0.08	-18.71	0.01	0.00	5293.73
Dec-1993	1.55	0.13	0.63	0.05	14.55	0.00	-14.73	0.01	0.00	5279.18
Jan-1994	1.55	0.13	1.02	0.09	14.55	0.01	-8.53	0.01	0.00	5264.63
Feb-1994	2.52	0.21	3.70	0.31	12.13	0.36	12.95	12.67	13.73	5266.23
Mar-1994	4.03	0.34	2.32	0.19	14.55	0.15	-29.59	6.90	0.00	5251.68
Apr-1994	5.70	0.48	0.75	0.06	16.98	0.00	-79.22	1.83	0.00	5234.71
May-1994	7.75	0.65	0.08	0.01	21.83	0.00	-122.72	0.39	0.00	5212.88
Jun-1994	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.08	0.00	5186.21
Jul-1994	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.02	0.00	5157.11
Aug-1994	8.37	0.70	1.69	0.14	29.10	0.09	-108.20	0.01	0.00	5128.01
Sep-1994	6.30	0.53	0.39	0.03	24.25	0.00	-94.56	0.00	0.00	5103.76
Oct-1994	4.34	0.36	0.04	0.00	21.83	0.00	-68.80	0.00	0.00	5081.93
Nov-1994	2.40	0.20	0.47	0.04	16.98	0.00	-30.88	0.00	0.00	5064.96
Dec-1994	1.55	0.13	1.65	0.14	14.55	0.09	0.31	0.63	0.00	5050.41
Jan-1995	1.55	0.13	6.50	0.54	14.55	1.07	61.36	40.26	1680.53	5495.00
Feb-1995	2.52	0.21	3.15	0.26	12.13	0.26	5.86	41.79	309.92	5495.00
Mar-1995	4.03	0.34	3.66	0.31	14.55	0.35	-11.71	41.40	0.00	5480.45
Apr-1995	5.70	0.48	0.55	0.05	16.98	0.00	-82.40	11.29	0.00	5463.48
May-1995	7.75	0.65	0.79	0.07	21.83	0.00	-111.38	2.79	0.00	5441.65

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 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-1995	8.70	0.73	0.20	0.02	26.68	0.00	-136.00	0.59	0.00	5414.98
Jul-1995	9.30	0.78	0.04	0.00	29.10	0.00	-148.16	0.12	0.00	5385.88
Aug-1995	8.37	0.70	0.55	0.05	29.10	0.00	-125.12	0.04	0.00	5356.78
Sep-1995	6.30	0.53	0.47	0.04	24.25	0.00	-93.28	0.01	0.00	5332.53
Oct-1995	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.01	0.00	5310.70
Nov-1995	2.40	0.20	0.00	0.00	16.98	0.00	-38.40	0.01	0.00	5293.73
Dec-1995	1.55	0.13	0.28	0.02	14.55	0.00	-20.32	0.00	0.00	5279.18
Jan-1996	1.55	0.13	1.18	0.10	14.55	0.08	-7.03	0.00	0.00	5264.63
Feb-1996	2.52	0.21	5.16	0.43	12.13	0.70	30.65	26.00	293.08	5495.00
Mar-1996	4.03	0.34	1.58	0.13	14.55	0.09	-40.43	15.48	0.00	5480.45
Apr-1996	5.70	0.48	0.08	0.01	16.98	0.00	-89.92	3.11	0.00	5463.48
May-1996	7.75	0.65	0.16	0.01	21.83	0.00	-121.44	0.68	0.00	5441.65
Jun-1996	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.15	0.00	5414.98
Jul-1996	9.30	0.78	0.04	0.00	29.10	0.00	-148.16	0.03	0.00	5385.88
Aug-1996	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.01	0.00	5356.78
Sep-1996	6.30	0.53	0.16	0.01	24.25	0.00	-98.24	0.00	0.00	5332.53
Oct-1996	4.34	0.36	0.87	0.07	21.83	0.00	-55.55	0.00	0.00	5310.70
Nov-1996	2.40	0.20	0.87	0.07	16.98	0.00	-24.51	0.00	0.00	5293.73
Dec-1996	1.55	0.13	1.42	0.12	14.55	0.09	-3.23	0.00	0.00	5279.18
Jan-1997	1.55	0.13	3.58	0.30	14.55	0.34	26.95	23.57	195.15	5459.78
Feb-1997	2.52	0.21	1.02	0.09	12.13	0.01	-24.05	16.98	0.00	5447.65
Mar-1997	4.03	0.34	0.04	0.00	14.55	0.00	-63.84	4.94	0.00	5433.10
Apr-1997	5.70	0.48	0.43	0.04	16.98	0.00	-84.32	1.54	0.00	5416.13
May-1997	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.36	0.00	5394.30
Jun-1997	8.70	0.73	0.55	0.05	26.68	0.00	-130.40	0.09	0.00	5367.63
Jul-1997	9.30	0.78	0.08	0.01	29.10	0.00	-147.52	0.02	0.00	5338.53
Aug-1997	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.01	0.00	5309.43
Sep-1997	6.30	0.53	1.97	0.16	24.25	0.11	-70.93	0.00	0.00	5285.18
Oct-1997	4.34	0.36	0.08	0.01	21.83	0.00	-68.16	0.00	0.00	5263.35
Nov-1997	2.40	0.20	1.38	0.12	16.98	0.08	-17.45	0.00	0.00	5246.38
Dec-1997	1.55	0.13	2.68	0.22	14.55	0.19	15.09	14.10	47.06	5278.89
Jan-1998	1.55	0.13	1.42	0.12	14.55	0.09	-3.23	13.07	0.00	5264.34
Feb-1998	2.52	0.21	7.76	0.65	12.13	1.46	59.45	43.01	2222.37	5495.00
Mar-1998	4.03	0.34	3.66	0.31	14.55	0.35	-11.71	44.27	0.00	5480.45
Apr-1998	5.70	0.48	1.69	0.14	16.98	0.09	-65.48	15.82	0.00	5463.48
May-1998	7.75	0.65	1.30	0.11	21.83	0.08	-104.31	4.46	0.00	5441.65
Jun-1998	8.70	0.73	0.04	0.00	26.68	0.00	-138.56	1.01	0.00	5414.98
Jul-1998	9.30	0.78	0.08	0.01	29.10	0.00	-147.52	0.24	0.00	5385.88
Aug-1998	8.37	0.70	1.65	0.14	29.10	0.09	-108.81	0.09	0.00	5356.78

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1998	6.30	0.53	0.32	0.03	24.25	0.00	-95.68	0.04	0.00	5332.53
Oct-1998	4.34	0.36	0.04	0.00	21.83	0.00	-68.80	0.02	0.00	5310.70
Nov-1998	2.40	0.20	1.38	0.12	16.98	0.08	-17.45	0.02	0.00	5293.73
Dec-1998	1.55	0.13	1.42	0.12	14.55	0.09	-3.23	0.02	0.00	5279.18
Jan-1999	1.55	0.13	1.58	0.13	14.55	0.09	-0.75	0.08	0.00	5264.63
Feb-1999	2.52	0.21	0.87	0.07	12.13	0.00	-26.43	7.54	0.00	5252.50
Mar-1999	4.03	0.34	0.71	0.06	14.55	0.00	-53.13	4.84	0.00	5237.95
Apr-1999	5.70	0.48	1.73	0.14	16.98	0.10	-64.88	2.84	0.00	5220.98
May-1999	7.75	0.65	0.20	0.02	21.83	0.00	-120.80	1.04	0.00	5199.15
Jun-1999	8.70	0.73	0.32	0.03	26.68	0.00	-134.08	0.34	0.00	5172.48
Jul-1999	9.30	0.78	0.87	0.07	29.10	0.00	-134.91	0.11	0.00	5143.38
Aug-1999	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.04	0.00	5114.28
Sep-1999	6.30	0.53	0.08	0.01	24.25	0.00	-99.52	0.02	0.00	5090.03
Oct-1999	4.34	0.36	0.20	0.02	21.83	0.00	-66.24	0.01	0.00	5068.20
Nov-1999	2.40	0.20	0.04	0.00	16.98	0.00	-37.76	0.01	0.00	5051.23
Dec-1999	1.55	0.13	0.20	0.02	14.55	0.00	-21.60	0.01	0.00	5036.68
Jan-2000	1.55	0.13	0.71	0.06	14.55	0.00	-13.45	0.00	0.00	5022.13
Feb-2000	2.52	0.21	3.58	0.30	12.13	0.34	11.43	11.29	6.98	5016.98
Mar-2000	4.03	0.34	1.14	0.10	14.55	0.01	-46.31	4.45	0.00	5002.43
Apr-2000	5.70	0.48	0.55	0.05	16.98	0.00	-82.40	1.22	0.00	4985.46
May-2000	7.75	0.65	0.04	0.00	21.83	0.00	-123.36	0.27	0.00	4963.63
Jun-2000	8.70	0.73	0.28	0.02	26.68	0.00	-134.72	0.06	0.00	4936.96
Jul-2000	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.01	0.00	4907.86
Aug-2000	8.37	0.70	0.79	0.07	29.10	0.00	-121.30	0.00	0.00	4878.76
Sep-2000	6.30	0.53	0.16	0.01	24.25	0.00	-98.24	0.00	0.00	4854.51
Oct-2000	4.34	0.36	0.67	0.06	21.83	0.00	-58.73	0.00	0.00	4832.68
Nov-2000	2.40	0.20	0.28	0.02	16.98	0.00	-33.92	0.00	0.00	4815.71
Dec-2000	1.55	0.13	0.08	0.01	14.55	0.00	-23.52	0.00	0.00	4801.16
Jan-2001	1.55	0.13	1.69	0.14	14.55	0.09	0.92	1.12	0.00	4786.61
Feb-2001	2.52	0.21	2.56	0.21	12.13	0.17	-2.08	1.36	0.00	4774.48
Mar-2001	4.03	0.34	0.87	0.07	14.55	0.00	-50.59	0.53	0.00	4759.93
Apr-2001	5.70	0.48	1.02	0.09	16.98	0.01	-74.93	0.18	0.00	4742.96
May-2001	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.04	0.00	4721.13
Jun-2001	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.01	0.00	4694.46
Jul-2001	9.30	0.78	0.04	0.00	29.10	0.00	-148.16	0.00	0.00	4665.36
Aug-2001	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4636.26
Sep-2001	6.30	0.53	2.44	0.20	24.25	0.16	-64.22	0.00	0.00	4612.01
Oct-2001	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4590.18
Nov-2001	2.40	0.20	0.59	0.05	16.98	0.00	-28.96	0.00	0.00	4573.21

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-2001	1.55	0.13	1.10	0.09	14.55	0.01	-7.27	0.00	0.00	4558.66
Jan-2002	1.55	0.13	0.32	0.03	14.55	0.00	-19.68	0.00	0.00	4544.11
Feb-2002	2.52	0.21	0.16	0.01	12.13	0.00	-37.76	0.00	0.00	4531.98
Mar-2002	4.03	0.34	0.67	0.06	14.55	0.00	-53.77	0.00	0.00	4517.43
Apr-2002	5.70	0.48	0.43	0.04	16.98	0.00	-84.32	0.00	0.00	4500.46
May-2002	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.00	0.00	4478.63
Jun-2002	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4451.96
Jul-2002	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.00	0.00	4422.86
Aug-2002	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4393.76
Sep-2002	6.30	0.53	0.95	0.08	24.25	0.00	-85.64	0.00	0.00	4369.51
Oct-2002	4.34	0.36	0.16	0.01	21.83	0.00	-66.88	0.00	0.00	4347.68
Nov-2002	2.40	0.20	1.46	0.12	16.98	0.09	-16.20	0.00	0.00	4330.71
Dec-2002	1.55	0.13	1.38	0.12	14.55	0.08	-3.85	0.00	0.00	4316.16
Jan-2003	1.55	0.13	0.16	0.01	14.55	0.00	-22.24	0.00	0.00	4301.61
Feb-2003	2.52	0.21	3.62	0.30	12.13	0.35	11.94	11.74	9.24	4298.72
Mar-2003	4.03	0.34	1.42	0.12	14.55	0.09	-42.91	4.91	0.00	4284.17
Apr-2003	5.70	0.48	1.50	0.13	16.98	0.09	-68.38	1.62	0.00	4267.19
May-2003	7.75	0.65	0.83	0.07	21.83	0.00	-110.74	0.40	0.00	4245.37
Jun-2003	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.08	0.00	4218.69
Jul-2003	9.30	0.78	0.20	0.02	29.10	0.00	-145.60	0.02	0.00	4189.59
Aug-2003	8.37	0.70	1.93	0.16	29.10	0.11	-104.63	0.01	0.00	4160.49
Sep-2003	6.30	0.53	0.04	0.00	24.25	0.00	-100.16	0.00	0.00	4136.24
Oct-2003	4.34	0.36	0.00	0.00	21.83	0.00	-69.44	0.00	0.00	4114.42
Nov-2003	2.40	0.20	0.55	0.05	16.98	0.00	-29.60	0.00	0.00	4097.44
Dec-2003	1.55	0.13	1.50	0.13	14.55	0.09	-1.98	0.00	0.00	4082.89
Jan-2004	1.55	0.13	0.59	0.05	14.55	0.00	-15.36	0.00	0.00	4068.34
Feb-2004	2.52	0.21	3.66	0.31	12.13	0.35	12.45	12.21	11.49	4067.71
Mar-2004	4.03	0.34	1.54	0.13	14.55	0.09	-41.05	5.27	0.00	4053.16
Apr-2004	5.70	0.48	0.66	0.06	16.98	0.00	-80.65	1.46	0.00	4036.18
May-2004	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.31	0.00	4014.36
Jun-2004	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.07	0.00	3987.68
Jul-2004	9.30	0.78	0.24	0.02	29.10	0.00	-144.96	0.01	0.00	3958.58
Aug-2004	8.37	0.70	0.51	0.04	29.10	0.00	-125.76	0.00	0.00	3929.48
Sep-2004	6.30	0.53	0.04	0.00	24.25	0.00	-100.16	0.00	0.00	3905.23
Oct-2004	4.34	0.36	6.58	0.55	21.83	1.09	17.60	16.77	61.89	3945.30
Nov-2004	2.40	0.20	0.67	0.06	16.98	0.00	-27.69	12.36	0.00	3928.32
Dec-2004	1.55	0.13	4.14	0.35	14.55	0.45	33.96	34.20	922.61	4836.38
Jan-2005	1.55	0.13	3.55	0.30	14.55	0.33	26.57	42.98	1296.42	5495.00
Feb-2005	2.52	0.21	4.18	0.35	12.13	0.46	18.93	48.20	979.15	5495.00

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-2005	4.03	0.34	1.02	0.09	14.55	0.01	-48.21	45.72	0.00	5480.45
Apr-2005	5.70	0.48	0.39	0.03	16.98	0.00	-84.96	12.33	0.00	5463.48
May-2005	7.75	0.65	0.04	0.00	21.83	0.00	-123.36	2.75	0.00	5441.65
Jun-2005	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.59	0.00	5414.98
Jul-2005	9.30	0.78	0.55	0.05	29.10	0.00	-140.00	0.14	0.00	5385.88
Aug-2005	8.37	0.70	3.19	0.27	29.10	0.27	-87.21	0.06	0.00	5356.78
Sep-2005	6.30	0.53	0.08	0.01	24.25	0.00	-99.52	0.02	0.00	5332.53
Oct-2005	4.34	0.36	0.59	0.05	21.83	0.00	-60.00	0.01	0.00	5310.70
Nov-2005	2.40	0.20	0.04	0.00	16.98	0.00	-37.76	0.01	0.00	5293.73
Dec-2005	1.55	0.13	0.12	0.01	14.55	0.00	-22.88	0.01	0.00	5279.18
Jan-2006	1.55	0.13	0.51	0.04	14.55	0.00	-16.64	0.01	0.00	5264.63
Feb-2006	2.52	0.21	1.06	0.09	12.13	0.01	-23.42	0.01	0.00	5252.50
Mar-2006	4.03	0.34	2.64	0.22	14.55	0.18	-25.14	0.00	0.00	5237.95
Apr-2006	5.70	0.48	1.73	0.14	16.98	0.10	-64.88	0.00	0.00	5220.98
May-2006	7.75	0.65	0.08	0.01	21.83	0.00	-122.72	0.00	0.00	5199.15
Jun-2006	8.70	0.73	0.16	0.01	26.68	0.00	-136.64	0.00	0.00	5172.48
Jul-2006	9.30	0.78	0.35	0.03	29.10	0.00	-143.20	0.00	0.00	5143.38
Aug-2006	8.37	0.70	0.08	0.01	29.10	0.00	-132.64	0.00	0.00	5114.28
Sep-2006	6.30	0.53	0.04	0.00	24.25	0.00	-100.16	0.00	0.00	5090.03
Oct-2006	4.34	0.36	0.24	0.02	21.83	0.00	-65.60	0.00	0.00	5068.20
Nov-2006	2.40	0.20	0.08	0.01	16.98	0.00	-37.12	0.00	0.00	5051.23
Dec-2006	1.55	0.13	0.79	0.07	14.55	0.00	-12.18	0.00	0.00	5036.68
Jan-2007	1.55	0.13	0.35	0.03	14.55	0.00	-19.20	0.00	0.00	5022.13
Feb-2007	2.52	0.21	1.30	0.11	12.13	0.08	-20.63	0.00	0.00	5010.00
Mar-2007	4.03	0.34	0.39	0.03	14.55	0.00	-58.24	0.00	0.00	4995.45
Apr-2007	5.70	0.48	0.32	0.03	16.98	0.00	-86.08	0.00	0.00	4978.48
May-2007	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.00	0.00	4956.65
Jun-2007	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.00	0.00	4929.98
Jul-2007	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.00	0.00	4900.88
Aug-2007	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.00	0.00	4871.78
Sep-2007	6.30	0.53	0.16	0.01	24.25	0.00	-98.24	0.00	0.00	4847.53
Oct-2007	4.34	0.36	0.16	0.01	21.83	0.00	-66.88	0.00	0.00	4825.70
Nov-2007	2.40	0.20	1.65	0.14	16.98	0.09	-13.29	0.00	0.00	4808.72
Dec-2007	1.55	0.13	0.79	0.07	14.55	0.00	-12.18	0.00	0.00	4794.17
Jan-2008	1.55	0.13	4.32	0.36	14.55	0.49	36.17	29.02	499.54	5279.16
Feb-2008	2.52	0.21	2.09	0.17	12.13	0.12	-8.71	26.98	0.00	5267.04
Mar-2008	4.03	0.34	0.32	0.03	14.55	0.00	-59.36	8.69	0.00	5252.49
Apr-2008	5.70	0.48	0.00	0.00	16.98	0.00	-91.20	2.43	0.00	5235.51
May-2008	7.75	0.65	0.20	0.02	21.83	0.00	-120.80	0.58	0.00	5213.69

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-2008	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.13	0.00	5187.01
Jul-2008	9.30	0.78	0.00	0.00	29.10	0.00	-148.80	0.03	0.00	5157.91
Aug-2008	8.37	0.70	0.24	0.02	29.10	0.00	-130.08	0.01	0.00	5128.81
Sep-2008	6.30	0.53	0.63	0.05	24.25	0.00	-90.73	0.00	0.00	5104.56
Oct-2008	4.34	0.36	0.04	0.00	21.83	0.00	-68.80	0.00	0.00	5082.74
Nov-2008	2.40	0.20	1.38	0.12	16.98	0.08	-17.45	0.00	0.00	5065.76
Dec-2008	1.55	0.13	5.39	0.45	14.55	0.76	48.84	35.27	1074.25	5495.00
Jan-2009	1.55	0.13	0.08	0.01	14.55	0.00	-23.52	29.46	0.00	5480.45
Feb-2009	2.52	0.21	2.56	0.21	12.13	0.17	-2.08	28.43	13.88	5482.20
Mar-2009	4.03	0.34	0.00	0.00	14.55	0.00	-64.48	17.66	0.00	5467.65
Apr-2009	5.70	0.48	0.16	0.01	16.98	0.00	-88.64	3.50	0.00	5450.68
May-2009	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.68	0.00	5428.85
Jun-2009	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.14	0.00	5402.18
Jul-2009	9.30	0.78	0.32	0.03	29.10	0.00	-143.68	0.03	0.00	5373.08
Aug-2009	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.01	0.00	5343.98
Sep-2009	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.00	0.00	5319.73
Oct-2009	4.34	0.36	0.04	0.00	21.83	0.00	-68.80	0.00	0.00	5297.90
Nov-2009	2.40	0.20	0.43	0.04	16.98	0.00	-31.52	0.00	0.00	5280.93
Dec-2009	1.55	0.13	3.31	0.28	14.55	0.29	23.47	21.20	122.11	5388.49
Jan-2010	1.55	0.13	5.75	0.48	14.55	0.85	52.97	43.90	2301.62	5495.00
Feb-2010	2.52	0.21	2.76	0.23	12.13	0.20	0.66	44.69	108.76	5495.00
Mar-2010	4.03	0.34	1.18	0.10	14.55	0.08	-46.71	32.53	0.00	5480.45
Apr-2010	5.70	0.48	1.46	0.12	16.98	0.09	-69.00	10.91	0.00	5463.48
May-2010	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	2.24	0.00	5441.65
Jun-2010	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.46	0.00	5414.98
Jul-2010	9.30	0.78	0.04	0.00	29.10	0.00	-148.16	0.10	0.00	5385.88
Aug-2010	8.37	0.70	0.00	0.00	29.10	0.00	-133.92	0.03	0.00	5356.78
Sep-2010	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.01	0.00	5332.53
Oct-2010	4.34	0.36	4.10	0.34	21.83	0.44	-11.17	0.01	0.00	5310.70
Nov-2010	2.40	0.20	0.83	0.07	16.98	0.00	-25.14	0.01	0.00	5293.73
Dec-2010	1.55	0.13	4.10	0.34	14.55	0.44	33.47	27.67	377.60	5495.00
Jan-2011	1.55	0.13	0.47	0.04	14.55	0.00	-17.28	23.93	0.00	5480.45
Feb-2011	2.52	0.21	4.52	0.38	12.13	0.54	23.07	35.72	1031.15	5495.00
Mar-2011	4.03	0.34	1.65	0.14	14.55	0.09	-39.37	44.70	0.00	5480.45
Apr-2011	5.70	0.48	0.24	0.02	16.98	0.00	-87.36	11.84	0.00	5463.48
May-2011	7.75	0.65	0.71	0.06	21.83	0.00	-112.65	3.13	0.00	5441.65
Jun-2011	8.70	0.73	0.16	0.01	26.68	0.00	-136.64	0.74	0.00	5414.98
Jul-2011	9.30	0.78	0.55	0.05	29.10	0.00	-140.00	0.19	0.00	5385.88
Aug-2011	8.37	0.70	0.34	0.03	29.10	0.00	-128.48	0.06	0.00	5356.78

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 2—Existing and Off-site Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-2011	6.30	0.53	0.00	0.00	24.25	0.00	-100.80	0.02	0.00	5332.53
Oct-2011	4.34	0.36	0.50	0.04	21.83	0.00	-61.44	0.01	0.00	5310.70
Nov-2011	2.40	0.20	2.71	0.23	16.98	0.19	1.90	2.78	0.00	5293.73
Dec-2011	1.55	0.13	1.95	0.16	14.55	0.11	4.78	7.53	1.28	5280.46
Jan-2012	1.55	0.13	0.77	0.06	14.55	0.00	-12.50	14.86	0.00	5265.91
Feb-2012	2.52	0.21	1.26	0.11	12.13	0.08	-21.27	10.69	0.00	5253.78
Mar-2012	4.03	0.34	1.87	0.16	14.55	0.11	-36.08	6.54	0.00	5239.23
Apr-2012	5.70	0.48	1.77	0.15	16.98	0.10	-64.28	2.87	0.00	5222.26
May-2012	7.75	0.65	0.00	0.00	21.83	0.00	-124.00	0.62	0.00	5200.43
Jun-2012	8.70	0.73	0.00	0.00	26.68	0.00	-139.20	0.12	0.00	5173.76

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.30	0.78	0.33	0.03	39.66	0.00	-143.56	48.20	0.00	5455.34
Aug-1982	8.37	0.70	0.56	0.05	39.66	0.00	-125.00	8.27	0.00	5415.68
Sep-1982	6.30	0.53	0.37	0.03	33.05	0.00	-94.87	2.80	0.00	5382.63
Oct-1982	4.34	0.36	0.13	0.01	29.75	0.00	-67.38	1.36	0.00	5352.89
Nov-1982	2.40	0.20	4.38	0.36	23.14	0.51	23.29	22.36	135.11	5464.86
Dec-1982	1.55	0.13	3.41	0.28	19.83	0.31	24.80	36.48	892.37	5495.00
Jan-1983	1.55	0.13	2.21	0.18	19.83	0.13	8.55	43.02	377.80	5495.00
Feb-1983	2.52	0.21	4.77	0.40	16.53	0.60	26.10	46.51	1351.86	5495.00
Mar-1983	4.03	0.34	9.83	0.82	19.83	2.17	56.59	48.20	2975.21	5495.00
Apr-1983	5.70	0.48	2.21	0.18	23.14	0.13	-57.90	48.20	0.00	5471.87
May-1983	7.75	0.65	0.19	0.02	29.75	0.00	-120.94	8.68	0.00	5442.12
Jun-1983	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	1.81	0.00	5405.77
Jul-1983	9.30	0.78	0.01	0.00	39.66	0.00	-148.61	0.40	0.00	5366.11
Aug-1983	8.37	0.70	4.02	0.33	39.66	0.43	-76.68	0.19	0.00	5326.45
Sep-1983	6.30	0.53	0.67	0.06	33.05	0.00	-90.08	0.08	0.00	5293.40
Oct-1983	4.34	0.36	1.15	0.10	29.75	0.01	-51.11	0.05	0.00	5263.65
Nov-1983	2.40	0.20	2.43	0.20	23.14	0.16	-2.02	0.18	0.00	5240.52
Dec-1983	1.55	0.13	0.99	0.08	23.66	0.01	-9.06	0.15	0.00	5216.86
Jan-1984	1.55	0.13	0.12	0.01	23.66	0.00	-22.93	0.10	0.00	5193.20
Feb-1984	2.52	0.21	0.00	0.00	20.36	0.00	-40.32	0.05	0.00	5172.84
Mar-1984	4.03	0.34	0.04	0.00	23.66	0.00	-63.86	0.02	0.00	5149.18
Apr-1984	5.70	0.48	0.24	0.02	26.97	0.00	-87.39	0.01	0.00	5122.22
May-1984	7.75	0.65	0.00	0.00	33.58	0.00	-124.00	0.00	0.00	5088.64
Jun-1984	8.70	0.73	0.55	0.05	40.19	0.00	-130.47	0.00	0.00	5048.46
Jul-1984	9.30	0.78	1.49	0.12	43.49	0.09	-126.08	0.00	0.00	5004.97
Aug-1984	8.37	0.70	2.27	0.19	43.49	0.14	-99.68	0.00	0.00	4961.48
Sep-1984	6.30	0.53	0.66	0.06	36.88	0.00	-90.20	0.00	0.00	4924.60
Oct-1984	4.34	0.36	0.18	0.01	33.58	0.00	-66.57	0.00	0.00	4891.02
Nov-1984	2.40	0.20	1.42	0.12	26.97	0.08	-16.89	0.00	0.00	4864.06
Dec-1984	1.55	0.13	4.22	0.35	27.44	0.47	34.89	28.38	442.03	5278.64
Jan-1985	1.55	0.13	1.58	0.13	27.44	0.09	-0.82	28.26	0.00	5251.20
Feb-1985	2.52	0.21	1.45	0.12	24.14	0.09	-18.27	31.25	0.00	5227.07
Mar-1985	4.03	0.34	0.27	0.02	27.44	0.00	-60.24	13.35	0.00	5199.63
Apr-1985	5.70	0.48	0.04	0.00	24.74	0.00	-90.58	4.65	0.00	5174.89
May-1985	7.75	0.65	0.09	0.01	37.36	0.00	-122.56	1.28	0.00	5137.54
Jun-1985	8.70	0.73	1.72	0.14	43.97	0.10	-113.03	0.43	0.00	5093.57
Jul-1985	9.30	0.78	0.00	0.00	40.46	0.00	-148.80	0.11	0.00	5053.11
Aug-1985	8.37	0.70	0.33	0.03	39.66	0.00	-128.62	0.03	0.00	5013.45

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1985	6.30	0.53	0.68	0.06	33.05	0.00	-89.89	0.02	0.00	4980.40
Oct-1985	4.34	0.36	4.49	0.37	29.75	0.53	-6.38	0.51	0.00	4950.66
Nov-1985	2.40	0.20	1.75	0.15	23.14	0.10	-11.82	0.38	0.00	4927.52
Dec-1985	1.55	0.13	0.00	0.00	19.83	0.00	-24.80	0.22	0.00	4907.69
Jan-1986	1.55	0.13	0.74	0.06	19.83	0.00	-12.90	0.16	0.00	4887.86
Feb-1986	2.52	0.21	3.50	0.29	16.53	0.32	10.38	10.50	2.36	4873.69
Mar-1986	4.03	0.34	3.44	0.29	19.83	0.31	-14.58	8.13	0.00	4853.86
Apr-1986	5.70	0.48	0.28	0.02	23.14	0.00	-86.77	1.73	0.00	4830.73
May-1986	7.75	0.65	0.01	0.00	29.75	0.00	-123.81	0.35	0.00	4800.98
Jun-1986	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.07	0.00	4764.63
Jul-1986	9.30	0.78	0.35	0.03	39.66	0.00	-143.25	0.02	0.00	4724.97
Aug-1986	8.37	0.70	0.06	0.00	39.66	0.00	-132.98	0.00	0.00	4685.31
Sep-1986	6.30	0.53	1.31	0.11	33.05	0.08	-81.01	0.00	0.00	4652.26
Oct-1986	4.34	0.36	2.10	0.17	29.75	0.12	-37.71	0.00	0.00	4622.51
Nov-1986	2.40	0.20	0.57	0.05	23.14	0.00	-29.35	0.00	0.00	4599.38
Dec-1986	1.55	0.13	0.71	0.06	19.83	0.00	-13.39	0.00	0.00	4579.55
Jan-1987	1.55	0.13	1.64	0.14	19.83	0.09	0.19	0.54	0.00	4559.72
Feb-1987	2.52	0.21	2.53	0.21	16.53	0.17	-2.48	0.58	0.00	4543.19
Mar-1987	4.03	0.34	2.55	0.21	19.83	0.17	-26.31	0.38	0.00	4523.36
Apr-1987	5.70	0.48	0.20	0.02	23.14	0.00	-88.08	0.11	0.00	4500.23
May-1987	7.75	0.65	0.08	0.01	29.75	0.00	-122.69	0.03	0.00	4470.48
Jun-1987	8.70	0.73	0.01	0.00	36.36	0.00	-139.01	0.01	0.00	4434.13
Jul-1987	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.00	0.00	4394.47
Aug-1987	8.37	0.70	0.64	0.05	39.66	0.00	-123.63	0.00	0.00	4354.81
Sep-1987	6.30	0.53	0.48	0.04	33.05	0.00	-93.19	0.00	0.00	4321.76
Oct-1987	4.34	0.36	3.10	0.26	29.75	0.25	-23.91	0.00	0.00	4292.01
Nov-1987	2.40	0.20	2.46	0.20	23.14	0.16	-1.59	0.35	0.00	4268.88
Dec-1987	1.55	0.13	1.81	0.15	19.83	0.10	2.65	3.00	0.00	4249.05
Jan-1988	1.55	0.13	3.46	0.29	19.83	0.32	25.40	26.04	222.29	4451.51
Feb-1988	2.52	0.21	1.93	0.16	16.53	0.11	-11.08	23.01	0.00	4434.98
Mar-1988	4.03	0.34	0.71	0.06	19.83	0.00	-53.07	8.14	0.00	4415.15
Apr-1988	5.70	0.48	2.46	0.21	23.14	0.16	-54.33	3.64	0.00	4392.02
May-1988	7.75	0.65	0.35	0.03	29.75	0.00	-118.32	0.81	0.00	4362.27
Jun-1988	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.17	0.00	4325.92
Jul-1988	9.30	0.78	0.02	0.00	39.66	0.00	-148.43	0.04	0.00	4286.26
Aug-1988	8.37	0.70	1.63	0.14	39.66	0.09	-109.05	0.01	0.00	4246.60
Sep-1988	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.01	0.00	4213.55
Oct-1988	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	4183.80
Nov-1988	2.40	0.20	1.07	0.09	23.14	0.01	-21.30	0.00	0.00	4160.67

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-1988	1.55	0.13	2.10	0.17	19.83	0.12	6.93	6.71	10.90	4151.74
Jan-1989	1.55	0.13	1.05	0.09	19.83	0.01	-8.13	5.59	0.00	4131.91
Feb-1989	2.52	0.21	1.17	0.10	16.53	0.01	-21.62	3.43	0.00	4115.39
Mar-1989	4.03	0.34	1.63	0.14	19.83	0.09	-39.61	1.74	0.00	4095.56
Apr-1989	5.70	0.48	0.21	0.02	23.14	0.00	-87.89	0.52	0.00	4072.42
May-1989	7.75	0.65	0.13	0.01	29.75	0.00	-121.94	0.12	0.00	4042.68
Jun-1989	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.03	0.00	4006.32
Jul-1989	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.01	0.00	3966.66
Aug-1989	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	3927.00
Sep-1989	6.30	0.53	0.17	0.01	33.05	0.00	-98.12	0.00	0.00	3893.95
Oct-1989	4.34	0.36	0.35	0.03	29.75	0.00	-63.76	0.00	0.00	3864.21
Nov-1989	2.40	0.20	0.03	0.00	23.14	0.00	-37.90	0.00	0.00	3841.07
Dec-1989	1.55	0.13	0.29	0.02	19.83	0.00	-20.18	0.00	0.00	3821.24
Jan-1990	1.55	0.13	3.03	0.25	19.83	0.24	19.85	18.43	68.10	3869.51
Feb-1990	2.52	0.21	1.76	0.15	16.53	0.10	-13.57	13.59	0.00	3852.98
Mar-1990	4.03	0.34	0.69	0.06	19.83	0.00	-53.44	4.90	0.00	3833.15
Apr-1990	5.70	0.48	0.98	0.08	23.14	0.00	-75.58	1.68	0.00	3810.02
May-1990	7.75	0.65	0.23	0.02	29.75	0.00	-120.38	0.40	0.00	3780.27
Jun-1990	8.70	0.73	0.22	0.02	36.36	0.00	-135.71	0.09	0.00	3743.92
Jul-1990	9.30	0.78	0.11	0.01	39.66	0.00	-147.05	0.02	0.00	3704.26
Aug-1990	8.37	0.70	0.18	0.01	39.66	0.00	-131.05	0.01	0.00	3664.60
Sep-1990	6.30	0.53	0.62	0.05	33.05	0.00	-90.95	0.00	0.00	3631.55
Oct-1990	4.34	0.36	0.04	0.00	29.75	0.00	-68.82	0.00	0.00	3601.80
Nov-1990	2.40	0.20	0.55	0.05	23.14	0.00	-29.54	0.00	0.00	3578.67
Dec-1990	1.55	0.13	1.29	0.11	19.83	0.08	-5.32	0.00	0.00	3558.84
Jan-1991	1.55	0.13	1.34	0.11	19.83	0.08	-4.52	0.00	0.00	3539.01
Feb-1991	2.52	0.21	2.21	0.18	16.53	0.13	-6.97	0.00	0.00	3522.48
Mar-1991	4.03	0.34	12.06	1.01	19.83	3.01	78.57	43.19	2594.09	5495.00
Apr-1991	5.70	0.48	0.05	0.00	23.14	0.00	-90.39	31.83	0.00	5471.87
May-1991	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	3.99	0.00	5442.12
Jun-1991	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.69	0.00	5405.77
Jul-1991	9.30	0.78	0.61	0.05	39.66	0.00	-139.01	0.15	0.00	5366.11
Aug-1991	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.04	0.00	5326.45
Sep-1991	6.30	0.53	0.35	0.03	33.05	0.00	-95.18	0.01	0.00	5293.40
Oct-1991	4.34	0.36	0.58	0.05	29.75	0.00	-60.21	0.01	0.00	5263.65
Nov-1991	2.40	0.20	0.30	0.02	23.14	0.00	-33.66	0.01	0.00	5240.52
Dec-1991	1.55	0.13	2.80	0.23	19.83	0.21	16.72	15.59	54.27	5274.95
Jan-1992	1.55	0.13	2.68	0.22	19.83	0.19	15.13	26.96	255.93	5495.00
Feb-1992	2.52	0.21	5.00	0.42	16.53	0.66	28.82	45.76	1295.75	5495.00

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-1992	4.03	0.34	4.89	0.41	19.83	0.63	3.28	46.04	333.51	5495.00
Apr-1992	5.70	0.48	0.67	0.06	23.14	0.00	-80.41	35.97	0.00	5471.87
May-1992	7.75	0.65	0.23	0.02	29.75	0.00	-120.38	7.06	0.00	5442.12
Jun-1992	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	1.54	0.00	5405.77
Jul-1992	9.30	0.78	0.74	0.06	39.66	0.00	-136.90	0.40	0.00	5366.11
Aug-1992	8.37	0.70	2.03	0.17	39.66	0.12	-103.20	0.15	0.00	5326.45
Sep-1992	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.06	0.00	5293.40
Oct-1992	4.34	0.36	0.24	0.02	29.75	0.00	-65.63	0.03	0.00	5263.65
Nov-1992	2.40	0.20	0.06	0.00	23.14	0.00	-37.46	0.02	0.00	5240.52
Dec-1992	1.55	0.13	4.00	0.33	19.83	0.42	32.20	26.95	334.54	5495.00
Jan-1993	1.55	0.13	18.44	1.54	19.83	5.63	177.36	48.20	9031.91	5495.00
Feb-1993	2.52	0.21	6.45	0.54	16.53	1.05	45.30	48.20	2362.45	5495.00
Mar-1993	4.03	0.34	1.51	0.13	19.83	0.09	-41.46	48.20	0.00	5475.17
Apr-1993	5.70	0.48	0.00	0.00	23.14	0.00	-91.20	12.52	0.00	5452.04
May-1993	7.75	0.65	0.12	0.01	29.75	0.00	-122.13	3.01	0.00	5422.29
Jun-1993	8.70	0.73	0.16	0.01	36.36	0.00	-136.64	0.71	0.00	5385.94
Jul-1993	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.17	0.00	5346.28
Aug-1993	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.05	0.00	5306.62
Sep-1993	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.02	0.00	5273.57
Oct-1993	4.34	0.36	0.30	0.02	29.75	0.00	-64.70	0.01	0.00	5243.82
Nov-1993	2.40	0.20	1.48	0.12	23.14	0.09	-15.92	0.01	0.00	5220.69
Dec-1993	1.55	0.13	1.15	0.10	19.83	0.01	-6.47	0.01	0.00	5200.86
Jan-1994	1.55	0.13	1.68	0.14	19.83	0.09	0.84	1.06	0.00	5181.03
Feb-1994	2.52	0.21	4.11	0.34	16.53	0.45	18.03	18.10	54.06	5218.56
Mar-1994	4.03	0.34	3.11	0.26	19.83	0.25	-18.79	13.91	0.00	5198.73
Apr-1994	5.70	0.48	1.34	0.11	23.14	0.08	-70.92	3.64	0.00	5175.60
May-1994	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.71	0.00	5145.85
Jun-1994	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.15	0.00	5109.50
Jul-1994	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.03	0.00	5069.84
Aug-1994	8.37	0.70	1.21	0.10	39.66	0.08	-115.75	0.01	0.00	5030.18
Sep-1994	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.00	0.00	4997.13
Oct-1994	4.34	0.36	0.19	0.02	29.75	0.00	-66.38	0.00	0.00	4967.38
Nov-1994	2.40	0.20	0.68	0.06	23.14	0.00	-27.55	0.00	0.00	4944.25
Dec-1994	1.55	0.13	0.96	0.08	19.83	0.00	-9.43	0.00	0.00	4924.42
Jan-1995	1.55	0.13	10.03	0.84	19.83	2.24	98.27	46.52	3581.17	5495.00
Feb-1995	2.52	0.21	3.25	0.27	16.53	0.28	7.16	46.98	372.62	5495.00
Mar-1995	4.03	0.34	6.56	0.55	19.83	1.09	22.38	48.20	1186.03	5495.00
Apr-1995	5.70	0.48	1.25	0.10	23.14	0.08	-72.34	48.20	0.00	5471.87
May-1995	7.75	0.65	1.09	0.09	29.75	0.01	-106.59	10.34	0.00	5442.12

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-1995	8.70	0.73	0.48	0.04	36.36	0.00	-131.59	2.30	0.00	5405.77
Jul-1995	9.30	0.78	0.06	0.00	39.66	0.00	-147.86	0.50	0.00	5366.11
Aug-1995	8.37	0.70	0.64	0.05	39.66	0.00	-123.75	0.15	0.00	5326.45
Sep-1995	6.30	0.53	0.28	0.02	33.05	0.00	-96.31	0.06	0.00	5293.40
Oct-1995	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.03	0.00	5263.65
Nov-1995	2.40	0.20	0.08	0.01	23.14	0.00	-37.15	0.02	0.00	5240.52
Dec-1995	1.55	0.13	0.57	0.05	19.83	0.00	-15.75	0.02	0.00	5220.69
Jan-1996	1.55	0.13	1.52	0.13	19.83	0.09	-1.60	0.02	0.00	5200.86
Feb-1996	2.52	0.21	3.17	0.26	16.53	0.26	6.19	6.42	0.00	5184.33
Mar-1996	4.03	0.34	2.73	0.23	19.83	0.20	-23.91	4.00	0.00	5164.50
Apr-1996	5.70	0.48	0.53	0.04	23.14	0.00	-82.78	1.00	0.00	5141.37
May-1996	7.75	0.65	0.07	0.01	29.75	0.00	-122.88	0.21	0.00	5111.62
Jun-1996	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.04	0.00	5075.27
Jul-1996	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.01	0.00	5035.61
Aug-1996	8.37	0.70	0.07	0.01	39.66	0.00	-132.80	0.00	0.00	4995.95
Sep-1996	6.30	0.53	0.03	0.00	33.05	0.00	-100.30	0.00	0.00	4962.90
Oct-1996	4.34	0.36	1.54	0.13	29.75	0.09	-46.00	0.00	0.00	4933.15
Nov-1996	2.40	0.20	0.91	0.08	23.14	0.00	-23.83	0.00	0.00	4910.02
Dec-1996	1.55	0.13	1.97	0.16	19.83	0.11	5.01	4.96	2.30	4892.49
Jan-1997	1.55	0.13	4.29	0.36	19.83	0.49	35.85	31.61	697.55	5495.00
Feb-1997	2.52	0.21	1.51	0.13	16.53	0.09	-17.30	27.11	0.00	5478.48
Mar-1997	4.03	0.34	0.02	0.00	19.83	0.00	-64.17	8.19	0.00	5458.65
Apr-1997	5.70	0.48	0.22	0.02	23.14	0.00	-87.71	2.47	0.00	5435.51
May-1997	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.58	0.00	5405.77
Jun-1997	8.70	0.73	0.07	0.01	36.36	0.00	-138.08	0.13	0.00	5369.41
Jul-1997	9.30	0.78	1.91	0.16	39.66	0.11	-119.74	0.04	0.00	5329.75
Aug-1997	8.37	0.70	0.16	0.01	39.66	0.00	-131.36	0.01	0.00	5290.09
Sep-1997	6.30	0.53	1.74	0.15	33.05	0.10	-74.28	0.01	0.00	5257.04
Oct-1997	4.34	0.36	4.17	0.35	29.75	0.46	-10.32	0.01	0.00	5227.30
Nov-1997	2.40	0.20	0.00	0.00	23.14	0.00	-38.40	0.00	0.00	5204.16
Dec-1997	1.55	0.13	0.00	0.00	19.83	0.00	-24.80	0.00	0.00	5184.33
Jan-1998	1.55	0.13	1.59	0.13	19.83	0.09	-0.58	0.11	0.00	5164.50
Feb-1998	2.52	0.21	10.27	0.86	16.53	2.33	85.20	45.23	2914.75	5495.00
Mar-1998	4.03	0.34	4.36	0.36	19.83	0.50	-3.07	44.87	116.90	5495.00
Apr-1998	5.70	0.48	2.17	0.18	23.14	0.13	-58.40	30.77	0.00	5471.87
May-1998	7.75	0.65	1.16	0.10	29.75	0.01	-105.55	6.20	0.00	5442.12
Jun-1998	8.70	0.73	0.02	0.00	36.36	0.00	-138.83	1.13	0.00	5405.77
Jul-1998	9.30	0.78	0.10	0.01	39.66	0.00	-147.18	0.22	0.00	5366.11
Aug-1998	8.37	0.70	0.20	0.02	39.66	0.00	-130.74	0.06	0.00	5326.45

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 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1998	6.30	0.53	0.20	0.02	33.05	0.00	-97.62	0.02	0.00	5293.40
Oct-1998	4.34	0.36	0.04	0.00	29.75	0.00	-68.88	0.01	0.00	5263.65
Nov-1998	2.40	0.20	1.16	0.10	23.14	0.01	-19.95	0.01	0.00	5240.52
Dec-1998	1.55	0.13	1.41	0.12	19.83	0.08	-3.41	0.01	0.00	5220.69
Jan-1999	1.55	0.13	1.65	0.14	19.83	0.09	0.25	0.59	0.00	5200.86
Feb-1999	2.52	0.21	0.82	0.07	16.53	0.00	-27.18	0.37	0.00	5184.33
Mar-1999	4.03	0.34	0.62	0.05	19.83	0.00	-54.56	0.17	0.00	5164.50
Apr-1999	5.70	0.48	3.28	0.27	23.14	0.28	-43.32	0.10	0.00	5141.37
May-1999	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.03	0.00	5111.62
Jun-1999	8.70	0.73	0.46	0.04	36.36	0.00	-131.90	0.01	0.00	5075.27
Jul-1999	9.30	0.78	0.36	0.03	39.66	0.00	-143.06	0.00	0.00	5035.61
Aug-1999	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	4995.95
Sep-1999	6.30	0.53	0.14	0.01	33.05	0.00	-98.62	0.00	0.00	4962.90
Oct-1999	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	4933.15
Nov-1999	2.40	0.20	0.00	0.00	23.14	0.00	-38.40	0.00	0.00	4910.02
Dec-1999	1.55	0.13	0.21	0.02	19.83	0.00	-21.49	0.00	0.00	4890.19
Jan-2000	1.55	0.13	0.74	0.06	19.83	0.00	-12.96	0.00	0.00	4870.36
Feb-2000	2.52	0.21	4.17	0.35	16.53	0.46	18.75	17.74	53.28	4907.11
Mar-2000	4.03	0.34	1.46	0.12	19.83	0.09	-42.30	9.91	0.00	4887.28
Apr-2000	5.70	0.48	0.46	0.04	23.14	0.00	-83.90	2.07	0.00	4864.14
May-2000	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.43	0.00	4834.40
Jun-2000	8.70	0.73	0.21	0.02	36.36	0.00	-135.89	0.10	0.00	4798.04
Jul-2000	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.02	0.00	4758.38
Aug-2000	8.37	0.70	0.13	0.01	39.66	0.00	-131.86	0.01	0.00	4718.72
Sep-2000	6.30	0.53	0.30	0.02	33.05	0.00	-96.06	0.00	0.00	4685.67
Oct-2000	4.34	0.36	0.64	0.05	29.75	0.00	-59.21	0.00	0.00	4655.93
Nov-2000	2.40	0.20	0.39	0.03	23.14	0.00	-32.22	0.00	0.00	4632.79
Dec-2000	1.55	0.13	0.04	0.00	19.83	0.00	-24.18	0.00	0.00	4612.96
Jan-2001	1.55	0.13	2.90	0.24	19.83	0.22	18.03	16.77	60.06	4653.19
Feb-2001	2.52	0.21	4.08	0.34	16.53	0.44	17.74	29.18	409.76	5046.43
Mar-2001	4.03	0.34	1.75	0.15	19.83	0.10	-37.90	34.43	0.00	5026.60
Apr-2001	5.70	0.48	1.44	0.12	23.14	0.09	-69.27	10.71	0.00	5003.46
May-2001	7.75	0.65	0.03	0.00	29.75	0.00	-123.50	2.10	0.00	4973.72
Jun-2001	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.39	0.00	4937.36
Jul-2001	9.30	0.78	0.12	0.01	39.66	0.00	-146.87	0.07	0.00	4897.70
Aug-2001	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.02	0.00	4858.04
Sep-2001	6.30	0.53	0.24	0.02	33.05	0.00	-96.99	0.01	0.00	4824.99
Oct-2001	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	4795.25
Nov-2001	2.40	0.20	1.10	0.09	23.14	0.01	-20.87	0.00	0.00	4772.11

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Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-2001	1.55	0.13	1.01	0.08	19.83	0.01	-8.69	0.00	0.00	4752.28
Jan-2002	1.55	0.13	0.40	0.03	19.83	0.00	-18.44	0.00	0.00	4732.45
Feb-2002	2.52	0.21	0.12	0.01	16.53	0.00	-38.39	0.00	0.00	4715.93
Mar-2002	4.03	0.34	1.11	0.09	19.83	0.01	-46.77	0.00	0.00	4696.10
Apr-2002	5.70	0.48	0.39	0.03	23.14	0.00	-85.02	0.00	0.00	4672.96
May-2002	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.00	0.00	4643.22
Jun-2002	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.00	0.00	4606.86
Jul-2002	9.30	0.78	0.19	0.02	39.66	0.00	-145.80	0.00	0.00	4567.20
Aug-2002	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	4527.54
Sep-2002	6.30	0.53	1.15	0.10	33.05	0.01	-82.41	0.00	0.00	4494.49
Oct-2002	4.34	0.36	0.01	0.00	29.75	0.00	-69.25	0.00	0.00	4464.75
Nov-2002	2.40	0.20	1.03	0.09	23.14	0.01	-22.04	0.00	0.00	4441.61
Dec-2002	1.55	0.13	1.84	0.15	19.83	0.10	3.17	3.17	0.00	4421.78
Jan-2003	1.55	0.13	0.18	0.01	19.83	0.00	-21.93	1.93	0.00	4401.95
Feb-2003	2.52	0.21	4.05	0.34	16.53	0.43	17.31	18.38	45.70	4431.13
Mar-2003	4.03	0.34	2.17	0.18	19.83	0.13	-31.68	11.79	0.00	4411.30
Apr-2003	5.70	0.48	1.54	0.13	23.14	0.09	-67.70	3.29	0.00	4388.16
May-2003	7.75	0.65	0.90	0.08	29.75	0.00	-109.62	0.78	0.00	4358.42
Jun-2003	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.16	0.00	4322.06
Jul-2003	9.30	0.78	1.91	0.16	39.66	0.11	-119.79	0.05	0.00	4282.40
Aug-2003	8.37	0.70	1.47	0.12	39.66	0.09	-111.50	0.02	0.00	4242.74
Sep-2003	6.30	0.53	0.37	0.03	33.05	0.00	-94.81	0.01	0.00	4209.69
Oct-2003	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	4179.95
Nov-2003	2.40	0.20	0.55	0.05	23.14	0.00	-29.60	0.00	0.00	4156.81
Dec-2003	1.55	0.13	1.25	0.10	19.83	0.08	-5.88	0.00	0.00	4136.98
Jan-2004	1.55	0.13	0.67	0.06	19.83	0.00	-14.01	0.00	0.00	4117.15
Feb-2004	2.52	0.21	4.41	0.37	16.53	0.51	21.75	19.94	105.04	4205.66
Mar-2004	4.03	0.34	0.66	0.05	19.83	0.00	-54.00	11.06	0.00	4185.83
Apr-2004	5.70	0.48	1.32	0.11	23.14	0.08	-71.22	2.57	0.00	4162.70
May-2004	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.50	0.00	4132.95
Jun-2004	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.11	0.00	4096.60
Jul-2004	9.30	0.78	0.14	0.01	39.66	0.00	-146.55	0.02	0.00	4056.94
Aug-2004	8.37	0.70	0.01	0.00	39.66	0.00	-133.73	0.01	0.00	4017.28
Sep-2004	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.00	0.00	3984.23
Oct-2004	4.34	0.36	8.51	0.71	29.75	1.71	38.14	29.99	623.15	4577.63
Nov-2004	2.40	0.20	1.07	0.09	23.14	0.01	-21.30	23.27	0.00	4554.50
Dec-2004	1.55	0.13	4.70	0.39	19.83	0.58	40.70	41.87	1684.60	5495.00
Jan-2005	1.55	0.13	5.12	0.43	19.83	0.69	45.72	48.20	2359.96	5495.00
Feb-2005	2.52	0.21	4.85	0.40	16.53	0.62	26.98	48.20	1404.90	5495.00

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Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-2005	4.03	0.34	1.58	0.13	19.83	0.09	-40.38	48.20	0.00	5475.17
Apr-2005	5.70	0.48	0.58	0.05	23.14	0.00	-81.90	14.09	0.00	5452.04
May-2005	7.75	0.65	0.04	0.00	29.75	0.00	-123.38	3.29	0.00	5422.29
Jun-2005	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.75	0.00	5385.94
Jul-2005	9.30	0.78	0.46	0.04	39.66	0.00	-141.37	0.19	0.00	5346.28
Aug-2005	8.37	0.70	2.51	0.21	39.66	0.17	-96.40	0.08	0.00	5306.62
Sep-2005	6.30	0.53	0.01	0.00	33.05	0.00	-100.61	0.03	0.00	5273.57
Oct-2005	4.34	0.36	0.61	0.05	29.75	0.00	-59.65	0.02	0.00	5243.82
Nov-2005	2.40	0.20	0.11	0.01	23.14	0.00	-36.65	0.01	0.00	5220.69
Dec-2005	1.55	0.13	0.00	0.00	19.83	0.00	-24.80	0.01	0.00	5200.86
Jan-2006	1.55	0.13	0.98	0.08	19.83	0.00	-9.24	0.01	0.00	5181.03
Feb-2006	2.52	0.21	1.29	0.11	16.53	0.08	-20.84	0.01	0.00	5164.50
Mar-2006	4.03	0.34	3.34	0.28	19.83	0.29	-15.84	0.01	0.00	5144.67
Apr-2006	5.70	0.48	2.23	0.19	23.14	0.14	-57.57	0.00	0.00	5121.54
May-2006	7.75	0.65	0.22	0.02	29.75	0.00	-120.51	0.00	0.00	5091.79
Jun-2006	8.70	0.73	0.16	0.01	36.36	0.00	-136.70	0.00	0.00	5055.44
Jul-2006	9.30	0.78	0.52	0.04	39.66	0.00	-140.50	0.00	0.00	5015.78
Aug-2006	8.37	0.70	0.03	0.00	39.66	0.00	-133.42	0.00	0.00	4976.12
Sep-2006	6.30	0.53	0.07	0.01	33.05	0.00	-99.68	0.00	0.00	4943.07
Oct-2006	4.34	0.36	0.36	0.03	29.75	0.00	-63.70	0.00	0.00	4913.32
Nov-2006	2.40	0.20	0.17	0.01	23.14	0.00	-35.72	0.00	0.00	4890.19
Dec-2006	1.55	0.13	1.18	0.10	19.83	0.08	-7.00	0.00	0.00	4870.36
Jan-2007	1.55	0.13	0.74	0.06	19.83	0.00	-12.96	0.00	0.00	4850.53
Feb-2007	2.52	0.21	3.05	0.25	16.53	0.24	4.59	5.02	0.00	4834.00
Mar-2007	4.03	0.34	0.22	0.02	19.83	0.00	-60.99	1.52	0.00	4814.17
Apr-2007	5.70	0.48	0.76	0.06	23.14	0.00	-79.05	0.48	0.00	4791.04
May-2007	7.75	0.65	0.04	0.00	29.75	0.00	-123.38	0.11	0.00	4761.29
Jun-2007	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.02	0.00	4724.94
Jul-2007	9.30	0.78	0.18	0.01	39.66	0.00	-145.93	0.00	0.00	4685.28
Aug-2007	8.37	0.70	0.13	0.01	39.66	0.00	-131.86	0.00	0.00	4645.62
Sep-2007	6.30	0.53	0.01	0.00	33.05	0.00	-100.61	0.00	0.00	4612.57
Oct-2007	4.34	0.36	0.17	0.01	29.75	0.00	-66.76	0.00	0.00	4582.82
Nov-2007	2.40	0.20	0.32	0.03	23.14	0.00	-33.28	0.00	0.00	4559.69
Dec-2007	1.55	0.13	2.66	0.22	19.83	0.19	14.76	13.80	45.61	4585.46
Jan-2008	1.55	0.13	7.22	0.60	19.83	1.29	69.24	45.39	2773.53	5495.00
Feb-2008	2.52	0.21	2.85	0.24	16.53	0.21	1.94	45.69	152.66	5495.00
Mar-2008	4.03	0.34	0.51	0.04	19.83	0.00	-56.37	36.55	0.00	5475.17
Apr-2008	5.70	0.48	0.00	0.00	23.14	0.00	-91.20	9.37	0.00	5452.04
May-2008	7.75	0.65	0.26	0.02	29.75	0.00	-119.88	2.11	0.00	5422.29

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-2008	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.43	0.00	5385.94
Jul-2008	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.09	0.00	5346.28
Aug-2008	8.37	0.70	1.34	0.11	39.66	0.08	-113.64	0.03	0.00	5306.62
Sep-2008	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.01	0.00	5273.57
Oct-2008	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.01	0.00	5243.82
Nov-2008	2.40	0.20	1.79	0.15	23.14	0.10	-11.24	0.01	0.00	5220.69
Dec-2008	1.55	0.13	6.15	0.51	19.83	0.96	57.43	38.62	1472.26	5495.00
Jan-2009	1.55	0.13	0.20	0.02	19.83	0.00	-21.62	33.43	0.00	5475.17
Feb-2009	2.52	0.21	3.66	0.31	16.53	0.35	12.47	38.76	560.38	5495.00
Mar-2009	4.03	0.34	0.09	0.01	19.83	0.00	-63.04	26.75	0.00	5475.17
Apr-2009	5.70	0.48	0.24	0.02	23.14	0.00	-87.39	5.23	0.00	5452.04
May-2009	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	1.04	0.00	5422.29
Jun-2009	8.70	0.73	0.03	0.00	36.36	0.00	-138.70	0.22	0.00	5385.94
Jul-2009	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.05	0.00	5346.28
Aug-2009	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.01	0.00	5306.62
Sep-2009	6.30	0.53	0.03	0.00	33.05	0.00	-100.30	0.01	0.00	5273.57
Oct-2009	4.34	0.36	0.03	0.00	29.75	0.00	-68.94	0.00	0.00	5243.82
Nov-2009	2.40	0.20	0.69	0.06	23.14	0.00	-27.30	0.00	0.00	5220.69
Dec-2009	1.55	0.13	4.82	0.40	19.83	0.61	42.18	32.06	771.63	5495.00
Jan-2010	1.55	0.13	6.54	0.55	19.83	1.08	61.81	46.98	3085.78	5495.00
Feb-2010	2.52	0.21	5.08	0.42	16.53	0.68	29.74	48.20	1547.18	5495.00
Mar-2010	4.03	0.34	1.36	0.11	19.83	0.08	-43.89	48.20	0.00	5475.17
Apr-2010	5.70	0.48	2.34	0.19	23.14	0.15	-56.08	20.16	0.00	5452.04
May-2010	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	4.42	0.00	5422.29
Jun-2010	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.98	0.00	5385.94
Jul-2010	9.30	0.78	0.07	0.01	39.66	0.00	-147.68	0.23	0.00	5346.28
Aug-2010	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.06	0.00	5306.62
Sep-2010	6.30	0.53	0.08	0.01	33.05	0.00	-99.55	0.03	0.00	5273.57
Oct-2010	4.34	0.36	3.20	0.27	29.75	0.27	-22.63	0.02	0.00	5243.82
Nov-2010	2.40	0.20	1.18	0.10	23.14	0.08	-20.67	0.02	0.00	5220.69
Dec-2010	1.55	0.13	8.15	0.68	19.83	1.59	79.05	44.04	2579.44	5495.00
Jan-2011	1.55	0.13	0.24	0.02	19.83	0.00	-20.99	40.11	0.00	5475.17
Feb-2011	2.52	0.21	4.89	0.41	16.53	0.63	27.44	46.17	1418.77	5495.00
Mar-2011	4.03	0.34	1.63	0.14	19.83	0.09	-39.67	46.15	0.00	5475.17
Apr-2011	5.70	0.48	0.39	0.03	23.14	0.00	-85.02	12.76	0.00	5452.04
May-2011	7.75	0.65	0.71	0.06	29.75	0.00	-112.59	3.37	0.00	5422.29
Jun-2011	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.77	0.00	5385.94
Jul-2011	9.30	0.78	0.22	0.02	39.66	0.00	-145.31	0.19	0.00	5346.28
Aug-2011	8.37	0.70	1.27	0.11	39.66	0.08	-114.75	0.06	0.00	5306.62

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Campo Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-2011	6.30	0.53	0.22	0.02	33.05	0.00	-97.31	0.03	0.00	5273.57
Oct-2011	4.34	0.36	0.64	0.05	29.75	0.00	-59.27	0.02	0.00	5243.82
Nov-2011	2.40	0.20	3.36	0.28	23.14	0.30	10.55	10.44	6.02	5226.70
Dec-2011	1.55	0.13	1.61	0.13	19.83	0.09	-0.35	10.56	0.00	5206.87
Jan-2012	1.55	0.13	0.73	0.06	19.83	0.00	-13.21	7.68	0.00	5187.04
Feb-2012	2.52	0.21	2.00	0.17	16.53	0.11	-10.06	6.33	0.00	5170.52
Mar-2012	4.03	0.34	2.86	0.24	19.83	0.21	-22.17	4.32	0.00	5150.69
Apr-2012	5.70	0.48	2.83	0.24	23.14	0.21	-49.31	2.01	0.00	5127.55
May-2012	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.40	0.00	5097.81
Jun-2012	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.08	0.00	5061.45

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	48.20	0.00	5455.34
Aug-1982	8.37	0.70	0.68	0.06	39.66	0.00	-123.05	8.46	0.00	5415.68
Sep-1982	6.30	0.53	0.32	0.03	33.05	0.00	-95.68	2.84	0.00	5382.63
Oct-1982	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	1.35	0.00	5352.89
Nov-1982	2.40	0.20	0.71	0.06	23.14	0.00	-27.05	1.02	0.00	5329.75
Dec-1982	1.55	0.13	0.00	0.00	19.83	0.00	-24.80	0.79	0.00	5309.92
Jan-1983	1.55	0.13	1.92	0.16	19.83	0.11	4.34	5.13	0.00	5290.09
Feb-1983	2.52	0.21	3.35	0.28	16.53	0.30	8.47	13.54	2.75	5276.31
Mar-1983	4.03	0.34	8.32	0.69	19.83	1.65	41.17	38.67	1314.51	5495.00
Apr-1983	5.70	0.48	1.36	0.11	23.14	0.08	-70.57	29.54	0.00	5471.87
May-1983	7.75	0.65	0.12	0.01	29.75	0.00	-122.08	3.94	0.00	5442.12
Jun-1983	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.69	0.00	5405.77
Jul-1983	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.13	0.00	5366.11
Aug-1983	8.37	0.70	1.18	0.10	39.66	0.08	-116.15	0.04	0.00	5326.45
Sep-1983	6.30	0.53	0.95	0.08	33.05	0.00	-85.64	0.02	0.00	5293.40
Oct-1983	4.34	0.36	1.06	0.09	29.75	0.01	-52.54	0.01	0.00	5263.65
Nov-1983	2.40	0.20	1.42	0.12	23.14	0.09	-16.83	0.01	0.00	5240.52
Dec-1983	1.55	0.13	0.00	0.00	23.66	0.00	-24.80	0.01	0.00	5216.86
Jan-1984	1.55	0.13	0.24	0.02	23.66	0.00	-20.96	0.01	0.00	5193.20
Feb-1984	2.52	0.21	0.00	0.00	20.36	0.00	-40.32	0.00	0.00	5172.84
Mar-1984	4.03	0.34	0.04	0.00	23.66	0.00	-63.84	0.00	0.00	5149.18
Apr-1984	5.70	0.48	0.12	0.01	26.97	0.00	-89.28	0.00	0.00	5122.22
May-1984	7.75	0.65	0.00	0.00	33.58	0.00	-124.00	0.00	0.00	5088.64
Jun-1984	8.70	0.73	0.12	0.01	40.19	0.00	-137.28	0.00	0.00	5048.46
Jul-1984	9.30	0.78	2.80	0.23	43.49	0.21	-107.28	0.00	0.00	5004.97
Aug-1984	8.37	0.70	0.00	0.00	43.49	0.00	-133.92	0.00	0.00	4961.48
Sep-1984	6.30	0.53	0.00	0.00	36.88	0.00	-100.80	0.00	0.00	4924.60
Oct-1984	4.34	0.36	0.04	0.00	33.58	0.00	-68.80	0.00	0.00	4891.02
Nov-1984	2.40	0.20	0.83	0.07	26.97	0.00	-25.14	0.00	0.00	4864.06
Dec-1984	1.55	0.13	3.62	0.30	27.44	0.35	27.46	23.92	205.87	5042.49
Jan-1985	1.55	0.13	0.98	0.08	27.44	0.00	-9.17	20.91	0.00	5015.05
Feb-1985	2.52	0.21	0.00	0.00	24.14	0.00	-40.32	9.08	0.00	4990.91
Mar-1985	4.03	0.34	0.00	0.00	27.44	0.00	-64.48	3.34	0.00	4963.47
Apr-1985	5.70	0.48	0.00	0.00	24.74	0.00	-91.20	1.05	0.00	4938.74
May-1985	7.75	0.65	0.00	0.00	37.36	0.00	-124.00	0.26	0.00	4901.38
Jun-1985	8.70	0.73	0.04	0.00	43.97	0.00	-138.56	0.06	0.00	4857.42
Jul-1985	9.30	0.78	1.10	0.09	40.46	0.01	-131.27	0.02	0.00	4816.96
Aug-1985	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	4777.30

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC

Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1985	6.30	0.53	0.51	0.04	33.05	0.00	-92.64	0.00	0.00	4744.25
Oct-1985	4.34	0.36	0.47	0.04	29.75	0.00	-61.92	0.00	0.00	4714.50
Nov-1985	2.40	0.20	3.51	0.29	23.14	0.32	12.45	12.15	14.46	4705.82
Dec-1985	1.55	0.13	0.39	0.03	19.83	0.00	-18.56	8.05	0.00	4685.99
Jan-1986	1.55	0.13	0.51	0.04	19.83	0.00	-16.64	5.61	0.00	4666.16
Feb-1986	2.52	0.21	2.25	0.19	16.53	0.14	-6.42	5.09	0.00	4649.64
Mar-1986	4.03	0.34	2.21	0.18	19.83	0.13	-31.15	3.05	0.00	4629.81
Apr-1986	5.70	0.48	0.04	0.00	23.14	0.00	-90.56	0.86	0.00	4606.67
May-1986	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.20	0.00	4576.93
Jun-1986	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.04	0.00	4540.57
Jul-1986	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.01	0.00	4500.91
Aug-1986	8.37	0.70	0.16	0.01	39.66	0.00	-131.36	0.00	0.00	4461.25
Sep-1986	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.00	0.00	4428.20
Oct-1986	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	4398.46
Nov-1986	2.40	0.20	0.67	0.06	23.14	0.00	-27.69	0.00	0.00	4375.32
Dec-1986	1.55	0.13	0.43	0.04	19.83	0.00	-17.92	0.00	0.00	4355.49
Jan-1987	1.55	0.13	1.50	0.13	19.83	0.09	-1.98	0.00	0.00	4335.66
Feb-1987	2.52	0.21	0.63	0.05	16.53	0.00	-30.25	0.00	0.00	4319.14
Mar-1987	4.03	0.34	0.00	0.00	19.83	0.00	-64.48	0.00	0.00	4299.31
Apr-1987	5.70	0.48	0.16	0.01	23.14	0.00	-88.64	0.00	0.00	4276.17
May-1987	7.75	0.65	0.12	0.01	29.75	0.00	-122.08	0.00	0.00	4246.43
Jun-1987	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.00	0.00	4210.07
Jul-1987	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.00	0.00	4170.41
Aug-1987	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	4130.75
Sep-1987	6.30	0.53	0.39	0.03	33.05	0.00	-94.56	0.00	0.00	4097.70
Oct-1987	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	4067.96
Nov-1987	2.40	0.20	0.91	0.08	23.14	0.00	-23.87	0.00	0.00	4044.82
Dec-1987	1.55	0.13	1.69	0.14	19.83	0.09	0.92	1.12	0.00	4024.99
Jan-1988	1.55	0.13	2.60	0.22	19.83	0.18	13.99	14.23	42.22	4047.38
Feb-1988	2.52	0.21	2.09	0.17	16.53	0.12	-8.71	11.84	0.00	4030.86
Mar-1988	4.03	0.34	0.43	0.04	19.83	0.00	-57.60	3.92	0.00	4011.03
Apr-1988	5.70	0.48	1.38	0.12	23.14	0.08	-70.25	1.46	0.00	3987.89
May-1988	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.33	0.00	3958.15
Jun-1988	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.07	0.00	3921.79
Jul-1988	9.30	0.78	0.24	0.02	39.66	0.00	-144.96	0.02	0.00	3882.13
Aug-1988	8.37	0.70	0.79	0.07	39.66	0.00	-121.30	0.01	0.00	3842.47
Sep-1988	6.30	0.53	0.32	0.03	33.05	0.00	-95.68	0.00	0.00	3809.42
Oct-1988	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	3779.68
Nov-1988	2.40	0.20	0.47	0.04	23.14	0.00	-30.88	0.00	0.00	3756.54

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 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC

Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-1988	1.55	0.13	1.18	0.10	19.83	0.08	-7.03	0.00	0.00	3736.71
Jan-1989	1.55	0.13	0.59	0.05	19.83	0.00	-15.36	0.00	0.00	3716.88
Feb-1989	2.52	0.21	0.04	0.00	16.53	0.00	-39.68	0.00	0.00	3700.36
Mar-1989	4.03	0.34	0.00	0.00	19.83	0.00	-64.48	0.00	0.00	3680.53
Apr-1989	5.70	0.48	0.00	0.00	23.14	0.00	-91.20	0.00	0.00	3657.39
May-1989	7.75	0.65	0.12	0.01	29.75	0.00	-122.08	0.00	0.00	3627.65
Jun-1989	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.00	0.00	3591.29
Jul-1989	9.30	0.78	0.35	0.03	39.66	0.00	-143.20	0.00	0.00	3551.63
Aug-1989	8.37	0.70	0.87	0.07	39.66	0.00	-120.03	0.00	0.00	3511.97
Sep-1989	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.00	0.00	3478.92
Oct-1989	4.34	0.36	1.62	0.14	29.75	0.09	-44.78	0.00	0.00	3449.18
Nov-1989	2.40	0.20	0.08	0.01	23.14	0.00	-37.12	0.00	0.00	3426.04
Dec-1989	1.55	0.13	0.12	0.01	19.83	0.00	-22.88	0.00	0.00	3406.21
Jan-1990	1.55	0.13	1.82	0.15	19.83	0.10	2.86	2.86	0.00	3386.38
Feb-1990	2.52	0.21	0.71	0.06	16.53	0.00	-28.97	1.54	0.00	3369.86
Mar-1990	4.03	0.34	0.55	0.05	19.83	0.00	-55.68	0.63	0.00	3350.03
Apr-1990	5.70	0.48	0.75	0.06	23.14	0.00	-79.22	0.22	0.00	3326.89
May-1990	7.75	0.65	0.32	0.03	29.75	0.00	-118.88	0.06	0.00	3297.15
Jun-1990	8.70	0.73	2.76	0.23	36.36	0.20	-98.22	0.02	0.00	3260.79
Jul-1990	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.00	0.00	3221.13
Aug-1990	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	3181.47
Sep-1990	6.30	0.53	0.16	0.01	33.05	0.00	-98.24	0.00	0.00	3148.42
Oct-1990	4.34	0.36	0.16	0.01	29.75	0.00	-66.88	0.00	0.00	3118.68
Nov-1990	2.40	0.20	0.43	0.04	23.14	0.00	-31.52	0.00	0.00	3095.54
Dec-1990	1.55	0.13	0.59	0.05	19.83	0.00	-15.36	0.00	0.00	3075.71
Jan-1991	1.55	0.13	1.06	0.09	19.83	0.01	-7.90	0.00	0.00	3055.88
Feb-1991	2.52	0.21	3.23	0.27	16.53	0.27	6.91	7.02	0.00	3039.36
Mar-1991	4.03	0.34	5.91	0.49	19.83	0.90	15.10	19.96	164.09	3183.62
Apr-1991	5.70	0.48	0.00	0.00	23.14	0.00	-91.20	10.89	0.00	3160.48
May-1991	7.75	0.65	0.04	0.00	29.75	0.00	-123.36	0.94	0.00	3130.74
Jun-1991	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.16	0.00	3094.38
Jul-1991	9.30	0.78	0.20	0.02	39.66	0.00	-145.60	0.03	0.00	3054.72
Aug-1991	8.37	0.70	0.32	0.03	39.66	0.00	-128.80	0.01	0.00	3015.06
Sep-1991	6.30	0.53	0.43	0.04	33.05	0.00	-93.92	0.00	0.00	2982.01
Oct-1991	4.34	0.36	0.43	0.04	29.75	0.00	-62.56	0.00	0.00	2952.27
Nov-1991	2.40	0.20	0.16	0.01	23.14	0.00	-35.84	0.00	0.00	2929.13
Dec-1991	1.55	0.13	2.36	0.20	19.83	0.15	10.66	10.08	27.46	2936.76
Jan-1992	1.55	0.13	1.85	0.15	19.83	0.10	3.31	13.30	4.21	2921.14
Feb-1992	2.52	0.21	3.31	0.28	16.53	0.29	7.95	20.45	59.31	2963.93

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-1992	4.03	0.34	4.73	0.39	19.83	0.59	1.43	32.38	131.86	3075.96
Apr-1992	5.70	0.48	0.47	0.04	23.14	0.00	-83.68	21.59	0.00	3052.83
May-1992	7.75	0.65	0.63	0.05	29.75	0.00	-113.93	4.28	0.00	3023.08
Jun-1992	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.89	0.00	2986.73
Jul-1992	9.30	0.78	0.75	0.06	39.66	0.00	-136.82	0.22	0.00	2947.07
Aug-1992	8.37	0.70	1.69	0.14	39.66	0.09	-108.20	0.08	0.00	2907.41
Sep-1992	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.03	0.00	2874.36
Oct-1992	4.34	0.36	0.28	0.02	29.75	0.00	-64.96	0.02	0.00	2844.61
Nov-1992	2.40	0.20	0.08	0.01	23.14	0.00	-37.12	0.01	0.00	2821.48
Dec-1992	1.55	0.13	2.76	0.23	19.83	0.20	16.18	15.10	51.87	2853.51
Jan-1993	1.55	0.13	9.89	0.82	19.83	2.19	96.90	47.49	4285.19	5495.00
Feb-1993	2.52	0.21	5.24	0.44	16.53	0.72	31.59	48.20	1644.42	5495.00
Mar-1993	4.03	0.34	0.79	0.07	19.83	0.00	-51.86	48.20	0.00	5475.17
Apr-1993	5.70	0.48	0.00	0.00	23.14	0.00	-91.20	12.52	0.00	5452.04
May-1993	7.75	0.65	0.20	0.02	29.75	0.00	-120.80	3.06	0.00	5422.29
Jun-1993	8.70	0.73	0.20	0.02	36.36	0.00	-136.00	0.73	0.00	5385.94
Jul-1993	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.17	0.00	5346.28
Aug-1993	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.05	0.00	5306.62
Sep-1993	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.02	0.00	5273.57
Oct-1993	4.34	0.36	0.08	0.01	29.75	0.00	-68.16	0.01	0.00	5243.82
Nov-1993	2.40	0.20	1.30	0.11	23.14	0.08	-18.71	0.01	0.00	5220.69
Dec-1993	1.55	0.13	0.63	0.05	19.83	0.00	-14.73	0.01	0.00	5200.86
Jan-1994	1.55	0.13	1.02	0.09	19.83	0.01	-8.53	0.01	0.00	5181.03
Feb-1994	2.52	0.21	3.70	0.31	16.53	0.36	12.95	12.67	13.73	5178.23
Mar-1994	4.03	0.34	2.32	0.19	19.83	0.15	-29.59	6.90	0.00	5158.40
Apr-1994	5.70	0.48	0.75	0.06	23.14	0.00	-79.22	1.83	0.00	5135.27
May-1994	7.75	0.65	0.08	0.01	29.75	0.00	-122.72	0.39	0.00	5105.52
Jun-1994	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.08	0.00	5069.17
Jul-1994	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.02	0.00	5029.51
Aug-1994	8.37	0.70	1.69	0.14	39.66	0.09	-108.20	0.01	0.00	4989.85
Sep-1994	6.30	0.53	0.39	0.03	33.05	0.00	-94.56	0.00	0.00	4956.80
Oct-1994	4.34	0.36	0.04	0.00	29.75	0.00	-68.80	0.00	0.00	4927.05
Nov-1994	2.40	0.20	0.47	0.04	23.14	0.00	-30.88	0.00	0.00	4903.92
Dec-1994	1.55	0.13	1.65	0.14	19.83	0.09	0.31	0.63	0.00	4884.09
Jan-1995	1.55	0.13	6.50	0.54	19.83	1.07	61.36	40.26	1680.53	5495.00
Feb-1995	2.52	0.21	3.15	0.26	16.53	0.26	5.86	41.79	309.92	5495.00
Mar-1995	4.03	0.34	3.66	0.31	19.83	0.35	-11.71	41.40	0.00	5475.17
Apr-1995	5.70	0.48	0.55	0.05	23.14	0.00	-82.40	11.29	0.00	5452.04
May-1995	7.75	0.65	0.79	0.07	29.75	0.00	-111.38	2.79	0.00	5422.29

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 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-1995	8.70	0.73	0.20	0.02	36.36	0.00	-136.00	0.59	0.00	5385.94
Jul-1995	9.30	0.78	0.04	0.00	39.66	0.00	-148.16	0.12	0.00	5346.28
Aug-1995	8.37	0.70	0.55	0.05	39.66	0.00	-125.12	0.04	0.00	5306.62
Sep-1995	6.30	0.53	0.47	0.04	33.05	0.00	-93.28	0.01	0.00	5273.57
Oct-1995	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.01	0.00	5243.82
Nov-1995	2.40	0.20	0.00	0.00	23.14	0.00	-38.40	0.01	0.00	5220.69
Dec-1995	1.55	0.13	0.28	0.02	19.83	0.00	-20.32	0.00	0.00	5200.86
Jan-1996	1.55	0.13	1.18	0.10	19.83	0.08	-7.03	0.00	0.00	5181.03
Feb-1996	2.52	0.21	5.16	0.43	16.53	0.70	30.65	26.00	293.08	5457.58
Mar-1996	4.03	0.34	1.58	0.13	19.83	0.09	-40.43	15.48	0.00	5437.75
Apr-1996	5.70	0.48	0.08	0.01	23.14	0.00	-89.92	3.11	0.00	5414.62
May-1996	7.75	0.65	0.16	0.01	29.75	0.00	-121.44	0.68	0.00	5384.87
Jun-1996	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.15	0.00	5348.52
Jul-1996	9.30	0.78	0.04	0.00	39.66	0.00	-148.16	0.03	0.00	5308.86
Aug-1996	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.01	0.00	5269.20
Sep-1996	6.30	0.53	0.16	0.01	33.05	0.00	-98.24	0.00	0.00	5236.15
Oct-1996	4.34	0.36	0.87	0.07	29.75	0.00	-55.55	0.00	0.00	5206.40
Nov-1996	2.40	0.20	0.87	0.07	23.14	0.00	-24.51	0.00	0.00	5183.27
Dec-1996	1.55	0.13	1.42	0.12	19.83	0.09	-3.23	0.00	0.00	5163.44
Jan-1997	1.55	0.13	3.58	0.30	19.83	0.34	26.95	23.57	195.15	5338.76
Feb-1997	2.52	0.21	1.02	0.09	16.53	0.01	-24.05	16.98	0.00	5322.24
Mar-1997	4.03	0.34	0.04	0.00	19.83	0.00	-63.84	4.94	0.00	5302.41
Apr-1997	5.70	0.48	0.43	0.04	23.14	0.00	-84.32	1.54	0.00	5279.27
May-1997	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.36	0.00	5249.53
Jun-1997	8.70	0.73	0.55	0.05	36.36	0.00	-130.40	0.09	0.00	5213.17
Jul-1997	9.30	0.78	0.08	0.01	39.66	0.00	-147.52	0.02	0.00	5173.51
Aug-1997	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.01	0.00	5133.85
Sep-1997	6.30	0.53	1.97	0.16	33.05	0.11	-70.93	0.00	0.00	5100.80
Oct-1997	4.34	0.36	0.08	0.01	29.75	0.00	-68.16	0.00	0.00	5071.06
Nov-1997	2.40	0.20	1.38	0.12	23.14	0.08	-17.45	0.00	0.00	5047.92
Dec-1997	1.55	0.13	2.68	0.22	19.83	0.19	15.09	14.10	47.06	5075.15
Jan-1998	1.55	0.13	1.42	0.12	19.83	0.09	-3.23	13.07	0.00	5055.32
Feb-1998	2.52	0.21	7.76	0.65	16.53	1.46	59.45	43.01	2222.37	5495.00
Mar-1998	4.03	0.34	3.66	0.31	19.83	0.35	-11.71	44.27	0.00	5475.17
Apr-1998	5.70	0.48	1.69	0.14	23.14	0.09	-65.48	15.82	0.00	5452.04
May-1998	7.75	0.65	1.30	0.11	29.75	0.08	-104.31	4.46	0.00	5422.29
Jun-1998	8.70	0.73	0.04	0.00	36.36	0.00	-138.56	1.01	0.00	5385.94
Jul-1998	9.30	0.78	0.08	0.01	39.66	0.00	-147.52	0.24	0.00	5346.28
Aug-1998	8.37	0.70	1.65	0.14	39.66	0.09	-108.81	0.09	0.00	5306.62

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 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC

Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-1998	6.30	0.53	0.32	0.03	33.05	0.00	-95.68	0.04	0.00	5273.57
Oct-1998	4.34	0.36	0.04	0.00	29.75	0.00	-68.80	0.02	0.00	5243.82
Nov-1998	2.40	0.20	1.38	0.12	23.14	0.08	-17.45	0.02	0.00	5220.69
Dec-1998	1.55	0.13	1.42	0.12	19.83	0.09	-3.23	0.02	0.00	5200.86
Jan-1999	1.55	0.13	1.58	0.13	19.83	0.09	-0.75	0.08	0.00	5181.03
Feb-1999	2.52	0.21	0.87	0.07	16.53	0.00	-26.43	7.54	0.00	5164.50
Mar-1999	4.03	0.34	0.71	0.06	19.83	0.00	-53.13	4.84	0.00	5144.67
Apr-1999	5.70	0.48	1.73	0.14	23.14	0.10	-64.88	2.84	0.00	5121.54
May-1999	7.75	0.65	0.20	0.02	29.75	0.00	-120.80	1.04	0.00	5091.79
Jun-1999	8.70	0.73	0.32	0.03	36.36	0.00	-134.08	0.34	0.00	5055.44
Jul-1999	9.30	0.78	0.87	0.07	39.66	0.00	-134.91	0.11	0.00	5015.78
Aug-1999	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.04	0.00	4976.12
Sep-1999	6.30	0.53	0.08	0.01	33.05	0.00	-99.52	0.02	0.00	4943.07
Oct-1999	4.34	0.36	0.20	0.02	29.75	0.00	-66.24	0.01	0.00	4913.32
Nov-1999	2.40	0.20	0.04	0.00	23.14	0.00	-37.76	0.01	0.00	4890.19
Dec-1999	1.55	0.13	0.20	0.02	19.83	0.00	-21.60	0.01	0.00	4870.36
Jan-2000	1.55	0.13	0.71	0.06	19.83	0.00	-13.45	0.00	0.00	4850.53
Feb-2000	2.52	0.21	3.58	0.30	16.53	0.34	11.43	11.29	6.98	4840.98
Mar-2000	4.03	0.34	1.14	0.10	19.83	0.01	-46.31	4.45	0.00	4821.15
Apr-2000	5.70	0.48	0.55	0.05	23.14	0.00	-82.40	1.22	0.00	4798.02
May-2000	7.75	0.65	0.04	0.00	29.75	0.00	-123.36	0.27	0.00	4768.27
Jun-2000	8.70	0.73	0.28	0.02	36.36	0.00	-134.72	0.06	0.00	4731.92
Jul-2000	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.01	0.00	4692.26
Aug-2000	8.37	0.70	0.79	0.07	39.66	0.00	-121.30	0.00	0.00	4652.60
Sep-2000	6.30	0.53	0.16	0.01	33.05	0.00	-98.24	0.00	0.00	4619.55
Oct-2000	4.34	0.36	0.67	0.06	29.75	0.00	-58.73	0.00	0.00	4589.80
Nov-2000	2.40	0.20	0.28	0.02	23.14	0.00	-33.92	0.00	0.00	4566.67
Dec-2000	1.55	0.13	0.08	0.01	19.83	0.00	-23.52	0.00	0.00	4546.84
Jan-2001	1.55	0.13	1.69	0.14	19.83	0.09	0.92	1.12	0.00	4527.01
Feb-2001	2.52	0.21	2.56	0.21	16.53	0.17	-2.08	1.36	0.00	4510.48
Mar-2001	4.03	0.34	0.87	0.07	19.83	0.00	-50.59	0.53	0.00	4490.65
Apr-2001	5.70	0.48	1.02	0.09	23.14	0.01	-74.93	0.18	0.00	4467.52
May-2001	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.04	0.00	4437.77
Jun-2001	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.01	0.00	4401.42
Jul-2001	9.30	0.78	0.04	0.00	39.66	0.00	-148.16	0.00	0.00	4361.76
Aug-2001	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	4322.10
Sep-2001	6.30	0.53	2.44	0.20	33.05	0.16	-64.22	0.00	0.00	4289.05
Oct-2001	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	4259.30
Nov-2001	2.40	0.20	0.59	0.05	23.14	0.00	-28.96	0.00	0.00	4236.17

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 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC

Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Dec-2001	1.55	0.13	1.10	0.09	19.83	0.01	-7.27	0.00	0.00	4216.34
Jan-2002	1.55	0.13	0.32	0.03	19.83	0.00	-19.68	0.00	0.00	4196.51
Feb-2002	2.52	0.21	0.16	0.01	16.53	0.00	-37.76	0.00	0.00	4179.98
Mar-2002	4.03	0.34	0.67	0.06	19.83	0.00	-53.77	0.00	0.00	4160.15
Apr-2002	5.70	0.48	0.43	0.04	23.14	0.00	-84.32	0.00	0.00	4137.02
May-2002	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.00	0.00	4107.27
Jun-2002	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.00	0.00	4070.92
Jul-2002	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.00	0.00	4031.26
Aug-2002	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	3991.60
Sep-2002	6.30	0.53	0.95	0.08	33.05	0.00	-85.64	0.00	0.00	3958.55
Oct-2002	4.34	0.36	0.16	0.01	29.75	0.00	-66.88	0.00	0.00	3928.80
Nov-2002	2.40	0.20	1.46	0.12	23.14	0.09	-16.20	0.00	0.00	3905.67
Dec-2002	1.55	0.13	1.38	0.12	19.83	0.08	-3.85	0.00	0.00	3885.84
Jan-2003	1.55	0.13	0.16	0.01	19.83	0.00	-22.24	0.00	0.00	3866.01
Feb-2003	2.52	0.21	3.62	0.30	16.53	0.35	11.94	11.74	9.24	3858.72
Mar-2003	4.03	0.34	1.42	0.12	19.83	0.09	-42.91	4.91	0.00	3838.89
Apr-2003	5.70	0.48	1.50	0.13	23.14	0.09	-68.38	1.62	0.00	3815.75
May-2003	7.75	0.65	0.83	0.07	29.75	0.00	-110.74	0.40	0.00	3786.01
Jun-2003	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.08	0.00	3749.65
Jul-2003	9.30	0.78	0.20	0.02	39.66	0.00	-145.60	0.02	0.00	3709.99
Aug-2003	8.37	0.70	1.93	0.16	39.66	0.11	-104.63	0.01	0.00	3670.33
Sep-2003	6.30	0.53	0.04	0.00	33.05	0.00	-100.16	0.00	0.00	3637.28
Oct-2003	4.34	0.36	0.00	0.00	29.75	0.00	-69.44	0.00	0.00	3607.54
Nov-2003	2.40	0.20	0.55	0.05	23.14	0.00	-29.60	0.00	0.00	3584.40
Dec-2003	1.55	0.13	1.50	0.13	19.83	0.09	-1.98	0.00	0.00	3564.57
Jan-2004	1.55	0.13	0.59	0.05	19.83	0.00	-15.36	0.00	0.00	3544.74
Feb-2004	2.52	0.21	3.66	0.31	16.53	0.35	12.45	12.21	11.49	3539.71
Mar-2004	4.03	0.34	1.54	0.13	19.83	0.09	-41.05	5.27	0.00	3519.88
Apr-2004	5.70	0.48	0.66	0.06	23.14	0.00	-80.65	1.46	0.00	3496.74
May-2004	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.31	0.00	3467.00
Jun-2004	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.07	0.00	3430.64
Jul-2004	9.30	0.78	0.24	0.02	39.66	0.00	-144.96	0.01	0.00	3390.98
Aug-2004	8.37	0.70	0.51	0.04	39.66	0.00	-125.76	0.00	0.00	3351.32
Sep-2004	6.30	0.53	0.04	0.00	33.05	0.00	-100.16	0.00	0.00	3318.27
Oct-2004	4.34	0.36	6.58	0.55	29.75	1.09	17.60	16.77	61.89	3350.42
Nov-2004	2.40	0.20	0.67	0.06	23.14	0.00	-27.69	12.36	0.00	3327.28
Dec-2004	1.55	0.13	4.14	0.35	19.83	0.45	33.96	34.20	922.61	4230.06
Jan-2005	1.55	0.13	3.55	0.30	19.83	0.33	26.57	42.98	1296.42	5495.00
Feb-2005	2.52	0.21	4.18	0.35	16.53	0.46	18.93	48.20	979.15	5495.00

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC

Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Mar-2005	4.03	0.34	1.02	0.09	19.83	0.01	-48.21	45.72	0.00	5475.17
Apr-2005	5.70	0.48	0.39	0.03	23.14	0.00	-84.96	12.33	0.00	5452.04
May-2005	7.75	0.65	0.04	0.00	29.75	0.00	-123.36	2.75	0.00	5422.29
Jun-2005	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.59	0.00	5385.94
Jul-2005	9.30	0.78	0.55	0.05	39.66	0.00	-140.00	0.14	0.00	5346.28
Aug-2005	8.37	0.70	3.19	0.27	39.66	0.27	-87.21	0.06	0.00	5306.62
Sep-2005	6.30	0.53	0.08	0.01	33.05	0.00	-99.52	0.02	0.00	5273.57
Oct-2005	4.34	0.36	0.59	0.05	29.75	0.00	-60.00	0.01	0.00	5243.82
Nov-2005	2.40	0.20	0.04	0.00	23.14	0.00	-37.76	0.01	0.00	5220.69
Dec-2005	1.55	0.13	0.12	0.01	19.83	0.00	-22.88	0.01	0.00	5200.86
Jan-2006	1.55	0.13	0.51	0.04	19.83	0.00	-16.64	0.01	0.00	5181.03
Feb-2006	2.52	0.21	1.06	0.09	16.53	0.01	-23.42	0.01	0.00	5164.50
Mar-2006	4.03	0.34	2.64	0.22	19.83	0.18	-25.14	0.00	0.00	5144.67
Apr-2006	5.70	0.48	1.73	0.14	23.14	0.10	-64.88	0.00	0.00	5121.54
May-2006	7.75	0.65	0.08	0.01	29.75	0.00	-122.72	0.00	0.00	5091.79
Jun-2006	8.70	0.73	0.16	0.01	36.36	0.00	-136.64	0.00	0.00	5055.44
Jul-2006	9.30	0.78	0.35	0.03	39.66	0.00	-143.20	0.00	0.00	5015.78
Aug-2006	8.37	0.70	0.08	0.01	39.66	0.00	-132.64	0.00	0.00	4976.12
Sep-2006	6.30	0.53	0.04	0.00	33.05	0.00	-100.16	0.00	0.00	4943.07
Oct-2006	4.34	0.36	0.24	0.02	29.75	0.00	-65.60	0.00	0.00	4913.32
Nov-2006	2.40	0.20	0.08	0.01	23.14	0.00	-37.12	0.00	0.00	4890.19
Dec-2006	1.55	0.13	0.79	0.07	19.83	0.00	-12.18	0.00	0.00	4870.36
Jan-2007	1.55	0.13	0.35	0.03	19.83	0.00	-19.20	0.00	0.00	4850.53
Feb-2007	2.52	0.21	1.30	0.11	16.53	0.08	-20.63	0.00	0.00	4834.00
Mar-2007	4.03	0.34	0.39	0.03	19.83	0.00	-58.24	0.00	0.00	4814.17
Apr-2007	5.70	0.48	0.32	0.03	23.14	0.00	-86.08	0.00	0.00	4791.04
May-2007	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.00	0.00	4761.29
Jun-2007	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.00	0.00	4724.94
Jul-2007	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.00	0.00	4685.28
Aug-2007	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.00	0.00	4645.62
Sep-2007	6.30	0.53	0.16	0.01	33.05	0.00	-98.24	0.00	0.00	4612.57
Oct-2007	4.34	0.36	0.16	0.01	29.75	0.00	-66.88	0.00	0.00	4582.82
Nov-2007	2.40	0.20	1.65	0.14	23.14	0.09	-13.29	0.00	0.00	4559.69
Dec-2007	1.55	0.13	0.79	0.07	19.83	0.00	-12.18	0.00	0.00	4539.86
Jan-2008	1.55	0.13	4.32	0.36	19.83	0.49	36.17	29.02	499.54	5019.56
Feb-2008	2.52	0.21	2.09	0.17	16.53	0.12	-8.71	26.98	0.00	5003.04
Mar-2008	4.03	0.34	0.32	0.03	19.83	0.00	-59.36	8.69	0.00	4983.21
Apr-2008	5.70	0.48	0.00	0.00	23.14	0.00	-91.20	2.43	0.00	4960.07
May-2008	7.75	0.65	0.20	0.02	29.75	0.00	-120.80	0.58	0.00	4930.33

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC

Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jun-2008	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.13	0.00	4893.97
Jul-2008	9.30	0.78	0.00	0.00	39.66	0.00	-148.80	0.03	0.00	4854.31
Aug-2008	8.37	0.70	0.24	0.02	39.66	0.00	-130.08	0.01	0.00	4814.65
Sep-2008	6.30	0.53	0.63	0.05	33.05	0.00	-90.73	0.00	0.00	4781.60
Oct-2008	4.34	0.36	0.04	0.00	29.75	0.00	-68.80	0.00	0.00	4751.86
Nov-2008	2.40	0.20	1.38	0.12	23.14	0.08	-17.45	0.00	0.00	4728.72
Dec-2008	1.55	0.13	5.39	0.45	19.83	0.76	48.84	35.27	1074.25	5495.00
Jan-2009	1.55	0.13	0.08	0.01	19.83	0.00	-23.52	29.46	0.00	5475.17
Feb-2009	2.52	0.21	2.56	0.21	16.53	0.17	-2.08	28.43	13.88	5472.52
Mar-2009	4.03	0.34	0.00	0.00	19.83	0.00	-64.48	17.66	0.00	5452.69
Apr-2009	5.70	0.48	0.16	0.01	23.14	0.00	-88.64	3.50	0.00	5429.56
May-2009	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.68	0.00	5399.81
Jun-2009	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.14	0.00	5363.46
Jul-2009	9.30	0.78	0.32	0.03	39.66	0.00	-143.68	0.03	0.00	5323.80
Aug-2009	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.01	0.00	5284.14
Sep-2009	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.00	0.00	5251.09
Oct-2009	4.34	0.36	0.04	0.00	29.75	0.00	-68.80	0.00	0.00	5221.34
Nov-2009	2.40	0.20	0.43	0.04	23.14	0.00	-31.52	0.00	0.00	5198.21
Dec-2009	1.55	0.13	3.31	0.28	19.83	0.29	23.47	21.20	122.11	5300.49
Jan-2010	1.55	0.13	5.75	0.48	19.83	0.85	52.97	43.90	2301.62	5495.00
Feb-2010	2.52	0.21	2.76	0.23	16.53	0.20	0.66	44.69	108.76	5495.00
Mar-2010	4.03	0.34	1.18	0.10	19.83	0.08	-46.71	32.53	0.00	5475.17
Apr-2010	5.70	0.48	1.46	0.12	23.14	0.09	-69.00	10.91	0.00	5452.04
May-2010	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	2.24	0.00	5422.29
Jun-2010	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.46	0.00	5385.94
Jul-2010	9.30	0.78	0.04	0.00	39.66	0.00	-148.16	0.10	0.00	5346.28
Aug-2010	8.37	0.70	0.00	0.00	39.66	0.00	-133.92	0.03	0.00	5306.62
Sep-2010	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.01	0.00	5273.57
Oct-2010	4.34	0.36	4.10	0.34	29.75	0.44	-11.17	0.01	0.00	5243.82
Nov-2010	2.40	0.20	0.83	0.07	23.14	0.00	-25.14	0.01	0.00	5220.69
Dec-2010	1.55	0.13	4.10	0.34	19.83	0.44	33.47	27.67	377.60	5495.00
Jan-2011	1.55	0.13	0.47	0.04	19.83	0.00	-17.28	23.93	0.00	5475.17
Feb-2011	2.52	0.21	4.52	0.38	16.53	0.54	23.07	35.72	1031.15	5495.00
Mar-2011	4.03	0.34	1.65	0.14	19.83	0.09	-39.37	44.70	0.00	5475.17
Apr-2011	5.70	0.48	0.24	0.02	23.14	0.00	-87.36	11.84	0.00	5452.04
May-2011	7.75	0.65	0.71	0.06	29.75	0.00	-112.65	3.13	0.00	5422.29
Jun-2011	8.70	0.73	0.16	0.01	36.36	0.00	-136.64	0.74	0.00	5385.94
Jul-2011	9.30	0.78	0.55	0.05	39.66	0.00	-140.00	0.19	0.00	5346.28
Aug-2011	8.37	0.70	0.34	0.03	39.66	0.00	-128.48	0.06	0.00	5306.62

Groundwater Resources Investigation Report, Jacumba Community Services District
 Tierra del Sol Solar Farm LLC and Rugged Solar Farm LLC
Scenario 3—Existing, Off-site and Build-out Demand Condition (Tierra del Sol Precipitation)

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Sep-2011	6.30	0.53	0.00	0.00	33.05	0.00	-100.80	0.02	0.00	5273.57
Oct-2011	4.34	0.36	0.50	0.04	29.75	0.00	-61.44	0.01	0.00	5243.82
Nov-2011	2.40	0.20	2.71	0.23	23.14	0.19	1.90	2.78	0.00	5220.69
Dec-2011	1.55	0.13	1.95	0.16	19.83	0.11	4.78	7.53	1.28	5202.14
Jan-2012	1.55	0.13	0.77	0.06	19.83	0.00	-12.50	14.86	0.00	5182.31
Feb-2012	2.52	0.21	1.26	0.11	16.53	0.08	-21.27	10.69	0.00	5165.78
Mar-2012	4.03	0.34	1.87	0.16	19.83	0.11	-36.08	6.54	0.00	5145.95
Apr-2012	5.70	0.48	1.77	0.15	23.14	0.10	-64.28	2.87	0.00	5122.82
May-2012	7.75	0.65	0.00	0.00	29.75	0.00	-124.00	0.62	0.00	5093.07
Jun-2012	8.70	0.73	0.00	0.00	36.36	0.00	-139.20	0.12	0.00	5056.72

APPENDIX C
Well 6 Pump Test Results

Figure 1
JCSD#6: Drawdown

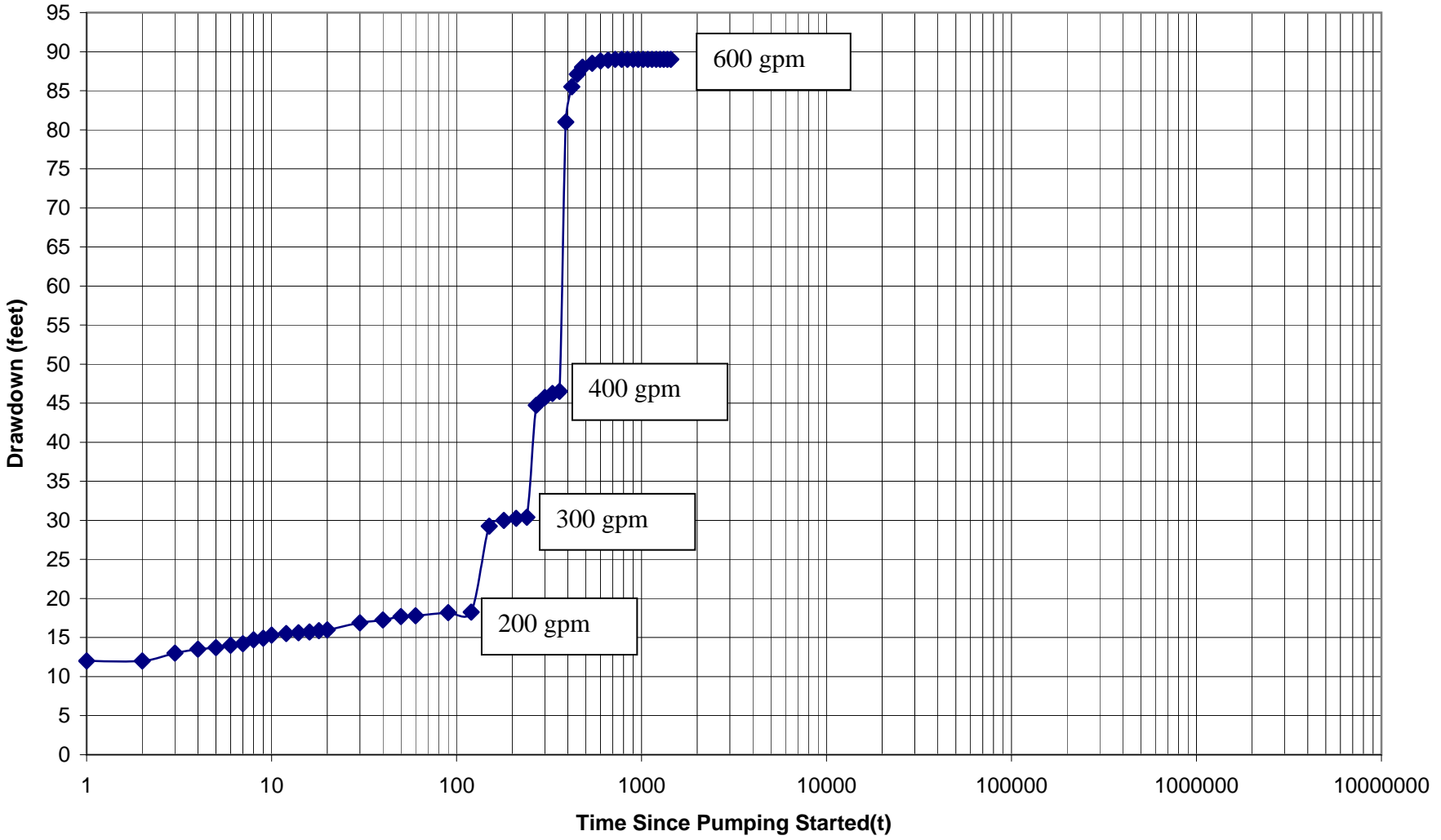


Figure 2
JCSD#6: Recovery

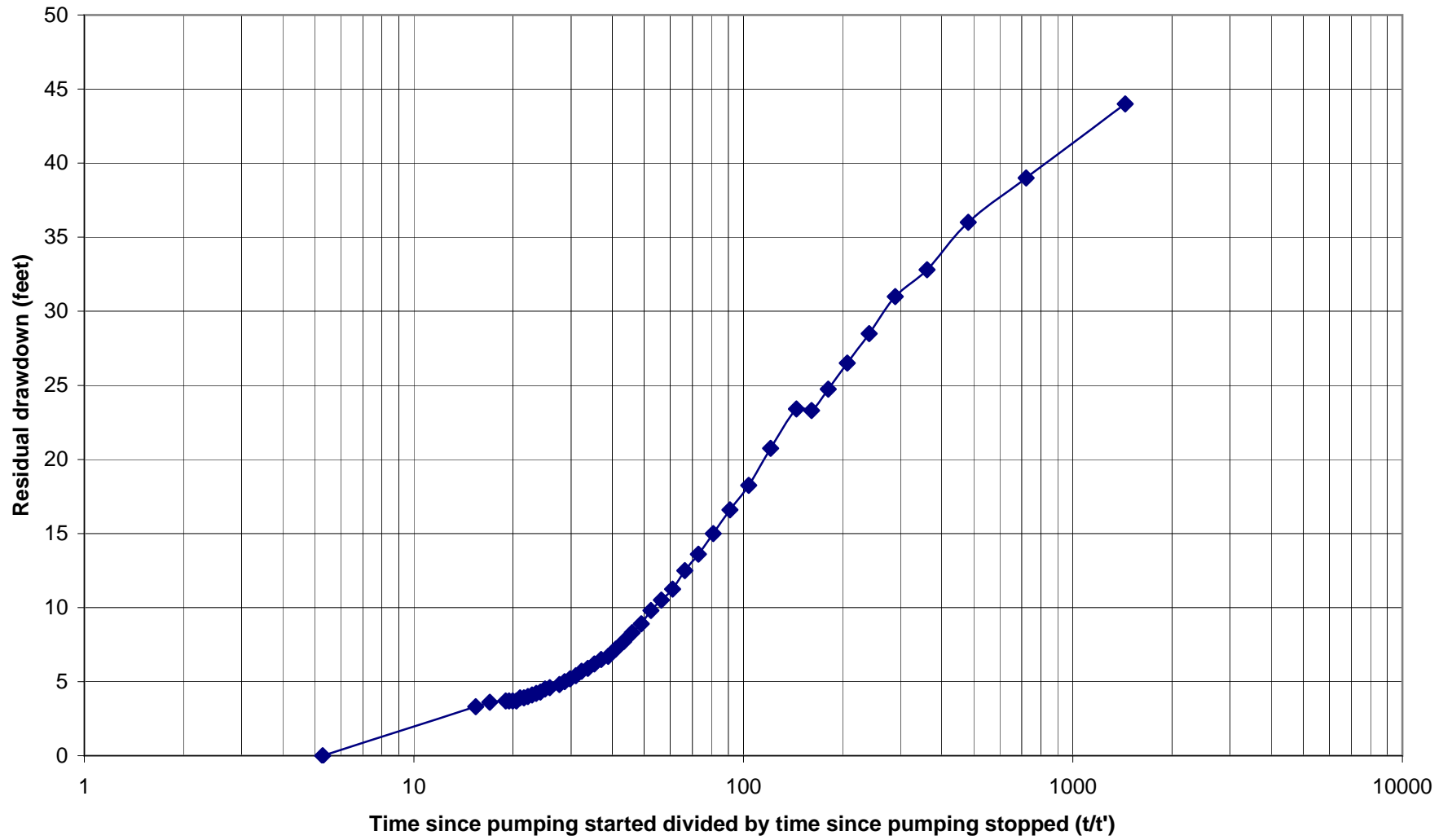
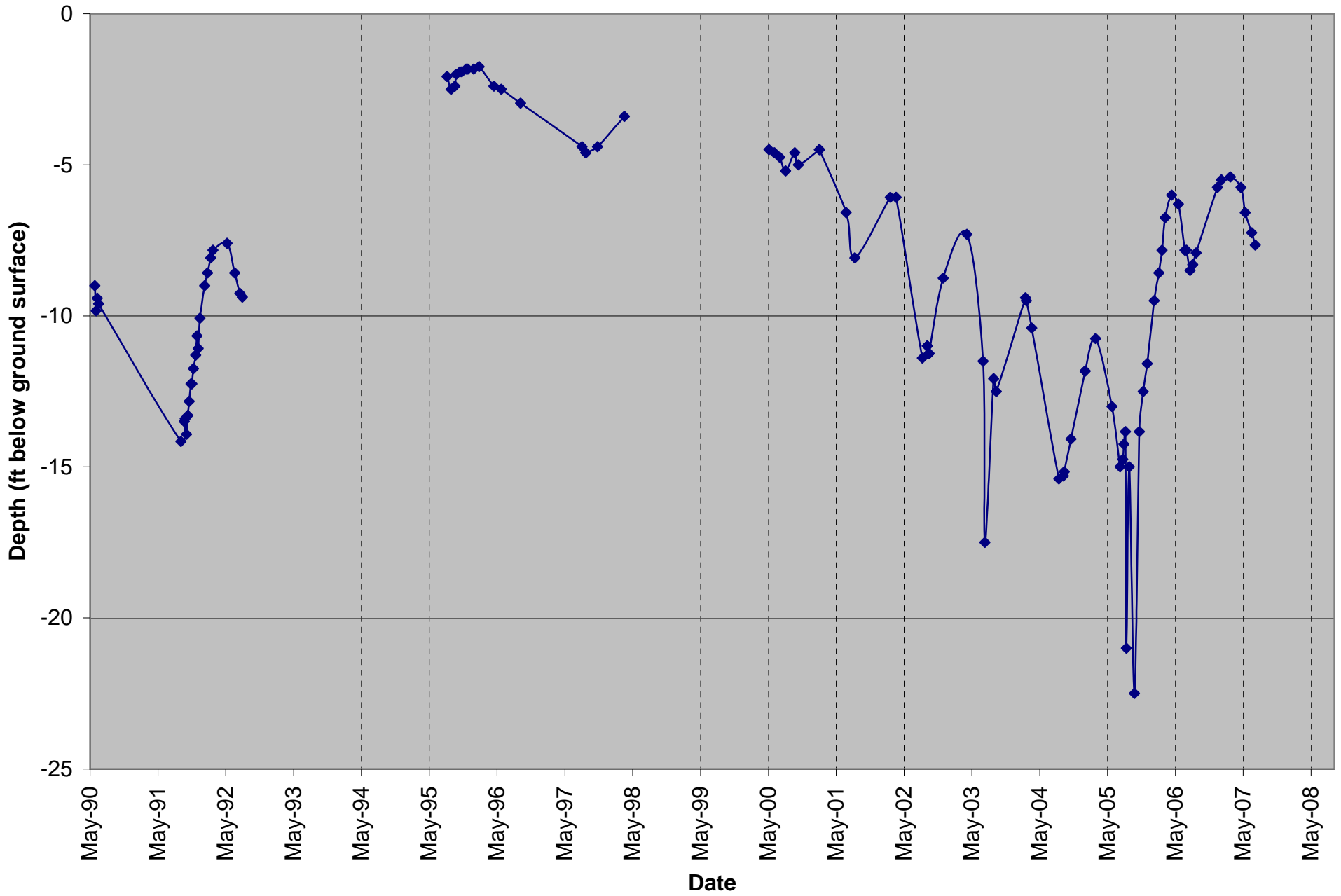


Figure 3
JCSD Well #4 Hydrograph



APPENDIX D

Well 6 Laboratory Water Quality Results



Institute for Environmental Health
Environmental Engineering Laboratory, Inc.

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TEST REPORT

Recipient: Tom Lindenmeyer
JACUMBA COMM.SERVICE DIST.
P.O. BOX 425
JACUMBA, CA 91934

Reference: 0736168
Lab ID: 0736168-001
Sample #:
Project#:
Comment:

Report Date: 09/20/2007
Matrix: WATER
Sampled: 08/22/2007 8:20
Received: 08/22/2007 11:41
Collection Address:
Sample Location: Well #4 "Other"
Description:
Date Started: 08/22/2007
Date Completed: 09/20/2007
PS Code: WAT

RECEIVED SEP 25 2007

Coliform Total (2-10) Colilert

Parameter	Result	Units	RL	MCL	Dilution		Method	Analyzed	Analyst
					Factor	Method			
Coliform, E. Coli.	Absent	None	0	0	1	SM 9223	08/22/2007 14:15	HD	
Total Coliform	Absent	None	0	0	1	SM 9223	08/22/2007 14:15	HD	

Recipient: Tom Lindenmeyer
JACUMBA COMM.SERVICE DIST.
P.O. BOX 425
JACUMBA, CA 91934

Reference: 0736168
Lab ID: 0736168-002
Sample #:
Project#:
Comment:

Report Date: 09/20/2007
Matrix: WATER
Sampled: 08/22/2007 8:15
Received: 08/22/2007 11:41
Collection Address:
Sample Location: Well #6 "Other"
Description:
Date Started: 08/22/2007
Date Completed: 09/20/2007
PS Code: WAT

Coliform Total (2-10) Colilert

Parameter	Result	Units	RL	MCL	Dilution		Method	Analyzed	Analyst
					Factor	Method			
Coliform, E. Coli.	Absent	None	0	0	1	SM 9223	08/22/2007 14:15	HD	
Total Coliform	Absent	None	0	0	1	SM 9223	08/22/2007 14:15	HD	

Recipient: Tom Lindenmeyer
JACUMBA COMM.SERVICE DIST.
P.O. BOX 425
JACUMBA, CA 91934

Reference: 0736168
Lab ID: 0736168-003
Sample #:
Project#:
Comment:

Report Date: 09/20/2007
Matrix: WATER
Sampled: 08/22/2007 8:00
Received: 08/22/2007 11:41
Collection Address:
Sample Location: Sample Station #4
Description:
Date Started: 08/22/2007
Date Completed: 09/20/2007
PS Code: WAT

Coliform Total (2-10) Colilert

Parameter	Result	Units	RL	MCL	Dilution		Method	Analyzed	Analyst
					Factor	Method			
Coliform, E. Coli.	Absent	None	0	0	1	SM 9223	08/22/2007 14:15	HD	
Total Coliform	Absent	None	0	0	1	SM 9223	08/22/2007 14:15	HD	

L = Reporting Limit

MCL = Maximum Contaminant Level

MDL = Method Detection Limit

N/A = Not Applicable

Page 1 of 5

These results relate only to the portion of the sample which was tested in this report. Interpretation of these results is the sole responsibility of the Customer. This report shall not be reproduced except in full, without written approval of the laboratory.

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TEST REPORT

Recipient: Tom Lindenmeyer
JACUMBA COMM.SERVICE DIST.
BOX 425
JACUMBA, CA 91934

Reference: 0735093
Lab ID: 0735093-002
Sample #:
Project#:
Comment:

Report Date: 07/05/2007
Matrix: WATER
Sampled: 05/09/2007
Received: 05/09/2007 11:24
Collection Address:
Sample Location: PS Code 3710011-006(Well #6)
Description:
Date Started: 05/09/2007
Date Completed:
PS Code: 3710011-006

Radium (228)


Parameter	Result	Units	RL	MCL	Dilution		Analyzed	Analyst
					Factor	Method		
Radium 228	0.0363	pCi/L	1.0	2.0	1	EPA Ra5	06/01/2007	FGL
Radium 228 Counting Error	0.576	pCi/L	-	-	1	EPA Ra5	06/01/2007	FGL

Test Parameters

Parameter	Result	Units	RL	MCL	Dilution		Analyzed	Analyst
					Factor	Method		
Uranium	ND	pCi/L	2.0	20	1	EPA200.8	05/17/2007	BSK

U = The analyte was analyzed for but not detected at the sample specific level reported.

Approval:


QA/QC Officer


Director

RL = Reporting Limit

MCL = Maximum Contaminant Level

MDL = Method Detection Limit

N/A = Not Applicable

Page 2 of 4

These results relate only to the portion of the sample which was tested in this report. Interpretation of these results is the sole responsibility of the Customer. This report shall not be reproduced except in full, without written approval of the laboratory.



ENVIRONMENTAL ENGINEERING LABORATORY, INC.

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Recipient: Tom Lindenmeyer
JACUMBA COMM.SERVICE DIST.
BOX 425
JACUMBA, CA 91934

Reference: 0632439

Lab ID: 0632439-005

Sample #:

Project#:

Comment:

Matrix: WATER

Sampled: 07/19/2006 8:40

Received: 07/19/2006 11:15

Collection Address:

Sample Location: well # 6 other

Description:

Date Started: 07/19/2006

Date Completed: 08/08/2006

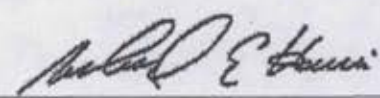
PS Code: WAT

Coliform Total (2-10) Collert

Parameter	Result	Units	RL	MCL	Dilution		Method	Analyzed	Analyst
					Factor				
Chlorine Residual	NA	mg/L	0.1	0	1		SM4500G	07/19/2006 15:05	Jli
Coliform, E. Coli.	Absent	None	0	0	1		SM 9223	07/19/2006 15:05	Jli
Total Coliform	Absent	None	0	0	1		SM 9223	07/19/2006 15:05	Jli

U = The analyte was analyzed for but not detected at the sample specific level reported.

Report Date: 08/08/2006

Approval: 
Director

Environmental Engineering Laboratory
3538 Hancock Street
San Diego, CA 92110
(619) 298-6131

RECEIVED JUN 11 2003

ELAP certificate number 1738

JACUMBA COMM.SERVICE DIST.
BOX 425
JACUMBA, CA
92034

Customer #: 47 Sample #: 30406312
Reference: WELL #6
Sampled: 04/24/03 08:30AM
Received: 04/24/03 11:05AM P.O. #
Comment: COPY: STATE HEALTH DEPT.

Date Started: 04/24/03
Date Completed: 06/05/03

Test Run:	Result:	MCL	DL	Method:
Sulfide, Iodometric	5.8 mg/L		0.1	SM4500
Arsenic	ND ug/L	50	2.0	SM3120B
Barium	ND ug/L	1000	100.0	SM3120B
Cadmium	ND ug/L	5	1.0	SM3120B
Chromium, Total	1.1 ug/L	50	1.0	SM3120B
Fluoride	2.72 mg/L	2.0	0.1	EPA300.
Lead	ND ug/L	15	5.0	SM3113B
Mercury	ND ug/L	2	1.0	SM3112B
Nitrogen, Nitrate (as NO ₃)	ND mg/L	45	0.18	EPA300.
Selenium	ND ug/L	50	5.0	SM3113B
Silver	ND ug/L	100	10.0	SM3120B
Aluminum	ND ug/L	1000	50.0	SM3120B
Thallium	ND ug/L	2	1.0	EP200.9
Antimony	ND ug/L	6	6.0	SM3113B
Bromodichloromethane	ND ug/L		0.5	524.2
Bromoform	ND ug/L		0.5	524.2
Chloroform	ND ug/L		0.5	524.2
Dibromochloromethane	ND ug/L		0.5	524.2
Total Trihalomethanes	ND ug/L	100	0.5	524.2
Benzene	ND ug/L	1.0	0.5	524.2
Carbon Tetrachloride	ND ug/L	0.5	0.5	524.2
1,2-Dichlorobenzene	ND ug/L	600	0.5	524.2
1,4-Dichlorobenzene	ND ug/L	5	0.5	524.2
1,1-Dichloroethane	ND ug/L	5	0.5	524.2
1,2-Dichloroethane	ND ug/L	0.5	0.5	524.2

ND = None Detected DL = Detection Limit MCL = Max Contaminant Levels

Reported by Robert L. Chambers M.S.

Michael M. Chambers M.S., P.E.

Michael Harris PhD

06/10/03
Date

JACUMBA COMM.SERVICE DIST.

Received : 04/24/03 11:05AM Sample# 30406312

1,1-Dichloroethylene	ND ug/L	6	0.5	524.2
cis-1,2-Dichloroethylene	ND ug/L	6	0.5	524.2
trans-1,2-Dichloroethylene	ND ug/L	10	0.5	524.2
Dichloromethane	ND ug/L	5	0.5	524.2
1,2-Dichloropropane	ND ug/L	5	0.5	524.2
1,3-Dichloropropane	ND ug/L	0.5	0.5	524.2
Ethylbenzene	ND ug/L	700	0.5	524.2
Monochlorobenzene	ND ug/L	70	0.5	524.2
Styrene	ND ug/L	100	0.5	524.2
1,1,2,2-Tetrachloroethane	ND ug/L	1	0.5	524.2
Tetrachloroethylene (PCE)	ND ug/L	5	0.5	524.2
Toluene	ND ug/L	150	0.5	524.2
1,2,4-Trichlorobenzene	ND ug/L	70	0.5	524.2
1,1,1-Trichloroethane	ND ug/L	200	0.5	524.2
1,1,2-Trichloroethane	ND ug/L	5	0.5	524.2
Trichloroethylene (TCE)	ND ug/L	5	0.5	524.2
Trichlorofluoromethane	ND ug/L	150	5.00	524.2
Trichlorotrifluoromethane (Freon 113)	ND ug/L	1200	10.0	524.2
Vinyl Chloride	ND ug/L	0.5	0.5	524.2
Xylenes	ND ug/L	1750	0.5	524.2
Methyl tert-Butyl Ether (MTBE)	ND ug/L	5	3.0	524.2
Bromochloromethane	ND ug/L		0.5	524.2
Bromobenzene	ND ug/L		0.5	524.2
n-Butylbenzene	ND ug/L		0.5	524.2
sec-Butylbenzene	ND ug/L		0.5	524.2
Bromomethane	ND ug/L		0.5	524.2
Chlorodibromomethane	ND ug/L		0.5	524.2
Chloroethane	ND ug/L		0.5	524.2
tert-Butylbenzene	ND ug/L		0.5	524.2
Chloromethane	ND ug/L		0.5	524.2
2-Chlorotoluene	ND ug/L		0.5	524.2
4-Chlorotoluene	ND ug/L		0.5	524.2
Dibromomethane	ND ug/L		0.5	524.2
1,3-Dichlorobenzene	ND ug/L		0.5	524.2
Dichlorodifluoromethane	ND ug/L		0.5	524.2
1,3-Dichloropropane	ND ug/L		0.5	524.2
2,2-Dichloropropane	ND ug/L		0.5	524.2
1,1-Dichloropropane	ND ug/L		0.5	524.2
1,1,1,2-Tetrachloroethane	ND ug/L		0.5	524.2
1,2,3-Trichloropropane	ND ug/L		0.5	524.2
Hexachlorobutadiene	ND ug/L		0.5	524.2
Isopropylbenzene (Cumene)	ND ug/L		0.5	524.2
p-Isopropyltoluene	ND ug/L		0.5	524.2
Naphthalene	ND ug/L		0.5	524.2
n-Propylbenzene	ND ug/L		0.5	524.2
1,2,3-Trichlorobenzene	ND ug/L		0.5	524.2

ND = None Detected DL = Detection Limit MCL = Max Contaminant Levels

Reported by Robert L. Chambers M.S.

Michael M. Chambers M.S., P.E.

Michael Harris PhD

06/10/03
Date

JACUMBA COMM.SERVICE DIST.

Received : 04/24/03 11:05AM Sample# 30406312

1,3,5-Trichlorobenzene	ND ug/L		0.5	524.2
1,2,3-Trimethylbenzene	ND ug/L		0.5	524.2
1,2,4-Trimethylbenzene	ND ug/L		0.5	524.2
1,3,5-Trimethylbenzene	ND ug/L		0.5	524.2
cis-1,3-Dichloropropene	ND ug/L		0.5	524.2
trans-1,3-Dichloropropene	ND ug/L		0.5	524.2
Spike-Vinyl Chloride	82.3 %			524.2
Spike-1,1-Dichloroethene	107 %			524.2
Spike-Benzene	97.6 %			524.2
Spike-Chlorobenzene	96.0 %			524.2
Spike-Toluene	100 %			524.2
Spike-Trichloroethylene (TCE)	97.3 %			524.2
Surrogate-4-Bromofluorobenzene	112 %			524.2
Surrogate-1,2-Dichlorobenzened4	108 %			524.2
Alkalinity - Total	65.2 mg/L		0.2	SM2320B
Alkalinity - Hydroxide	0.0 mg/L		0.2	SM2320B
Alkalinity - Carbonate	8.4 mg/L		0.2	SM2320B
Alkalinity - Bicarbonate	62.5 mg/L		0.2	SM2320B
Calcium	2.8 mg/L		1.0	SM3120B
Chloride	84.4 mg/L		0.2	EPA300.
Conductance, Specific	498 uMHO		1	SM2510B
Copper	ND ug/L	1000	50.0	SM3120B
Hardness	8.1 mg/L		2.0	SM2340B
Iron	ND ug/L	300	100.0	SM3120B
Magnesium	0.28 mg/L		1	SM3120B
Manganese	ND ug/L	50	20.0	SM3120B
Ph	9.48			EPA150.
Sodium	105 mg/L		1	SM3120B
Solids, Dissolved	296 mg/L		10	SM2450C
Sulfate	21.4 mg/L		0.5	EPA300.
Sulfonated Detergent - MBAS	ND mg/L	0.5	0.05	SM5540C
Zinc	ND ug/L	5000	50.0	SM3120B
Color, Visual	ND UNITS		3	SM2120B
Odor	8 UNITS		1	EPA2150
Turbidity	0.22 NTU	1.0	0.10	SM2130B
Dibromochloropropane (DBCP)	ND ug/L			EPA 504
Ethylene Dibromide (EDB)	ND ug/L			EPA 504
Glyphosate	ND ug/L	700	25	547
Endothall	ND ug/L	100	45	548.1
Diquat	ND ug/L	20	4.0	549
Additional Test	SEE REPORT			
2,3,7,8-TCDD (Dioxin)	ND ug/L	0.005	.000006	EPA1613
Cyanide, Total	ND ug/L	200	100	SM4500E
Nitrogen, Nitrite	ND ug/L	1000	400	EPA300.
Agressive Index	12.1 mg/L			
Langlier Index	0.16 mg/L			

ND - None Detected DL - Detection Limit MCL - Max Contaminant Levels

Reported by Robert L. Chambers M.S.

Michael M. Chambers M.S., P.E.

Michael Harris PhD

06/10/03
Date

JACUMBA COMM.SERVICE DIST.

Received : 04/24/03 11:05AM Sample# 30406312

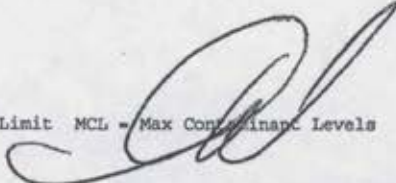
Perchlorate

ND ug/L

4.0

EPA 314

ND = None Detected DL = Detection Limit MCL = Max Contaminant Levels

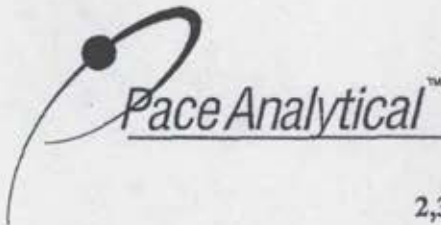


Reported by Robert L. Chambers M.S.

Michael M. Chambers M.S., P.E.

Michael Harris PhD

06/10/03
Date



Pace Analytical Services, Inc.
 1700 Elm Street - Suite 200
 Minneapolis, MN 55414

Drinking Water Analysis Results
2,3,7,8-TCDD – USEPA Method 1613B

Tel: 612-607-1700
 Fax: 612-607-6444

Sample ID.....6312 WELL 6
 Client.....Environmental Engineering Lab
 Lab Sample ID.....104462098

Date Collected.....04/24/2003
 Date Received.....04/29/2003
 Date Extracted.....04/30/2003

	Sample 104462098	Method Blank	Lab Spike	Lab Spike Dup
[2,3,7,8-TCDD]	ND	ND	--	--
PRL	5 pg/L	5 pg/L	--	--
2,3,7,8-TCDD Recovery	--	--	83%	85%
Spike Recovery Limit	--	--	73-146%	73-146%
RPD				3.2%
IS Recovery	82%	90%	92%	90%
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	88%	90%	83%	87%
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	A30501C_1	A30501B_3	A30501B_1	A30501B_2
Analysis Date	05/01/2003	05/01/2003	05/01/2003	05/01/2003
Analysis Time	18:50	17:39	16:39	17:09
Analyst	BAL	CMP	CMP	CMP
Volume	1.000L	0.980L	1.006L	1.014L
Dilution	NA	NA	NA	NA
CCAL Filename	A30501A_2	A30501A_2	A30501A_2	A30501A_2

- ! = Outside the Control Limits
- ND = Not Detected
- PRL = Pace Reporting Limit
- Limits = Control Limits from Method 1613 (10/94 Revision), Tables 6A and 7A
- RPD = Relative Percent Difference of Lab Spike Recoveries
- IS = Internal Standard [2,3,7,8-TCDD-¹³C₁₂]
- CS = Cleanup Standard [2,3,7,8-TCDD-³⁷Cl₄]

Project No.....1072035

BSK ANALYTICAL LABORATORIES

Mike Chambers
 Environmental Engineering Laboratory
 3538 Hancock Street
 San Diego, CA 92110

Certificate of Analysis

ELAP Certificate #1180

Report Issue Date: 05/16/2003

BSK Submission #: 2003041665

BSK Sample ID #: 315982

Project ID:

Project Desc:

Submission Comments:

Sample Type: Liquid

Date Sampled: 04/24/2003

Sample Description: 6312

Time Sampled: 0830

Sample Comments:

Date Received: 04/25/2003

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Conductivity - Specific (EC)	SM 2510 B	510	µmho/cm	1	1	1	04/25/03	04/25/03
Perchlorate (ClO4)	EPA 314.0	ND	µg/L	4	1	4	05/01/03	05/01/03

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Dibromochloropropane	EPA 504.1	ND	µg/L	0.01	1	0.01	04/29/03	05/05/03
Ethylendibromide	EPA 504.1	ND	µg/L	0.02	1	0.02	04/29/03	05/05/03
Aldrin	EPA 505	ND	µg/L	0.075	1	0.075	04/29/03	05/07/03
Chlordane	EPA 505	ND	µg/L	0.1	1	0.1	04/29/03	05/07/03
Chlorothalonil (Daconil, Bravo)	EPA 505	ND	µg/L	5.0	1	5	04/29/03	05/07/03
Dieldrin	EPA 505	ND	µg/L	0.02	1	0.02	04/29/03	05/07/03
Endrin	EPA 505	ND	µg/L	0.1	1	0.1	04/29/03	05/07/03
Heptachlor	EPA 505	ND	µg/L	0.01	1	0.01	04/29/03	05/07/03
Heptachlor epoxide	EPA 505	ND	µg/L	0.01	1	0.01	04/29/03	05/07/03
Hexachlorobenzene	EPA 505	ND	µg/L	0.50	1	0.5	04/29/03	05/07/03
Hexachlorocyclopentadiene	EPA 505	ND	µg/L	1	1	1	04/29/03	05/07/03
Lindane	EPA 505	ND	µg/L	0.2	1	0.2	04/29/03	05/07/03
Methoxychlor	EPA 505	ND	µg/L	10	1	10	04/29/03	05/07/03
PCBs: Arochlor Screen	EPA 505	ND	µg/L	0.2	1	0.2	04/29/03	05/07/03
Toxaphene	EPA 505	ND	µg/L	1.0	1	1	04/29/03	05/07/03
Trifluralin	EPA 505	ND	µg/L	1.0	1	1	04/29/03	05/07/03
2,4,5-T	EPA 515.3	ND	µg/L	1.0	1	1	04/30/03	05/02/03
2,4,5-TP (Silvex)	EPA 515.3	ND	µg/L	1.0	1	1	04/30/03	05/02/03
2,4-D	EPA 515.3	ND	µg/L	10	1	10	04/30/03	05/02/03
Bentazon (Basagran)	EPA 515.3	ND	µg/L	2.0	1	2	04/30/03	05/02/03
Dalapon	EPA 515.3	ND	µg/L	10	1	10	04/30/03	05/02/03
Dicamba (Banvel)	EPA 515.3	ND	µg/L	1.5	1	1.5	04/30/03	05/02/03
Dinoseb (DNBP)	EPA 515.3	ND	µg/L	2.0	1	2	04/30/03	05/02/03
Pentachlorophenol (PCP)	EPA 515.3	ND	µg/L	0.2	1	0.2	04/30/03	05/02/03

mg/L: Milligrams/Liter (ppm)

mg/Kg: Milligrams/Kilogram (ppm)

µg/L: Micrograms/Liter (ppb)

µg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit

DLR: Detection Limit for Reporting

: PQL x Dilution

ND: None Detected at DLR

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Cover Letter for comments.

E: Analysis performed by External laboratory.

See External Laboratory Report attachments.

Report Authentication Code:



Page 1 of 3

BSK ANALYTICAL LABORATORIES

Mike Chambers
 Environmental Engineering Laboratory
 3538 Hancock Street
 San Diego, CA 92110

Certificate of Analysis ELAP Certificate #1180

Report Issue Date: 05/16/2003

BSK Submission #: 2003041665

BSK Sample ID #: 315982

Project ID:

Project Desc:

Submission Comments:

Sample Type: Liquid

Sample Description: 6312

Sample Comments:

Date Sampled: 04/24/2003

Time Sampled: 0830

Date Received: 04/25/2003

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Picloram	EPA 515.3	ND	µg/L	1.0	1	1	04/30/03	05/02/03
Alachlor (Alanex)	EPA 525.2	ND	µg/L	1.0	1	1	05/01/03	05/04/03
Atrazine (AAtrex)	EPA 525.2	ND	µg/L	1.0	1	1	05/01/03	05/04/03
Benzo(a)pyrene	EPA 525.2	ND	µg/L	0.1	1	0.1	05/01/03	05/04/03
bis(2-ethylhexyl) adipate	EPA 525.2	ND	µg/L	3.0	1	3	05/01/03	05/04/03
bis(2-ethylhexyl) phthalate	EPA 525.2	ND	µg/L	3.0	1	3	05/01/03	05/04/03
Bromacil (Hyvar)	EPA 525.2	ND	µg/L	10	1	10	05/01/03	05/04/03
Butachlor	EPA 525.2	ND	µg/L	0.38	1	0.38	05/01/03	05/04/03
Diazinon	EPA 525.2	ND	µg/L	0.25	1	0.25	05/01/03	05/04/03
Dimethoate (Cygon)	EPA 525.2	ND	µg/L	10	1	10	05/01/03	05/04/03
Metolachlor	EPA 525.2	ND	µg/L	0.5	1	0.5	05/01/03	05/04/03
Metribuzin	EPA 525.2	ND	µg/L	0.5	1	0.5	05/01/03	05/04/03
Molinate (Ordram)	EPA 525.2	ND	µg/L	2.0	1	2	05/01/03	05/04/03
Prometryn (Caparol)	EPA 525.2	ND	µg/L	2.0	1	2	05/01/03	05/04/03
Propachlor	EPA 525.2	ND	µg/L	0.5	1	0.5	05/01/03	05/04/03
Simazine (Princep)	EPA 525.2	ND	µg/L	1.0	1	1	05/01/03	05/04/03
Thiobencarb (Bolero)	EPA 525.2	ND	µg/L	1.0	1	1	05/01/03	05/04/03
3-Hydroxycarbofuran	EPA 531.1	ND	µg/L	3.0	1	3	05/08/03	05/09/03
Aldicarb	EPA 531.1	ND	µg/L	3.0	1	3	05/08/03	05/09/03
Aldicarb Sulfone	EPA 531.1	ND	µg/L	2.0	1	2	05/08/03	05/09/03
Aldicarb Sulfoxide	EPA 531.1	ND	µg/L	3.0	1	3	05/08/03	05/09/03
Carbaryl	EPA 531.1	ND	µg/L	5.0	1	5	05/08/03	05/09/03
Carbofuran	EPA 531.1	ND	µg/L	5.0	1	5	05/08/03	05/09/03
Methomyl	EPA 531.1	ND	µg/L	2.0	1	2	05/08/03	05/09/03
Oxamyl	EPA 531.1	ND	µg/L	20.0	1	20	05/08/03	05/09/03
Glyphosate	EPA 547	ND	µg/L	25	1	25	05/05/03	05/06/03
Endothall	EPA 548.1	ND	µg/L	45	1	45	04/28/03	04/29/03
Diquat	EPA 549.1	ND	µg/L	4	1	4	04/26/03	05/06/03

mg/L: Milligrams/Liter (ppm)

mg/Kg: Milligrams/Kilogram (ppm)

µg/L: Micrograms/Liter (ppb)

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Report Authentication Code:



Page 2 of 3

BSK ANALYTICAL LABORATORIES

Mike Chambers
 Environmental Engineering Laboratory
 3538 Hancock Street
 San Diego, CA 92110

Certificate of Analysis

ELAP Certificate #1180

Report Issue Date: 05/16/2003

BSK Submission #: 2003041665

BSK Sample ID #: 315982

Project ID:

Project Desc:

Submission Comments:

Sample Type: Liquid

Date Sampled: 04/24/2003

Sample Description: 6312

Time Sampled: 0830

Sample Comments:

Date Received: 04/25/2003

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date	Analysis Date
Surrogate								
Bromoform	EPA 504.1	112.0	% Rec	-	1	N/A	04/29/03	05/05/03
Tetrachloro-m-xylene	EPA 505	87	% Rec		1	N/A	04/29/03	05/07/03
DCPAA	EPA 515.3	75	% Rec		1	N/A	04/30/03	05/02/03
1,3-Dimethyl-2-nitrobenzene	EPA 525.2	100	%Rec		1	N/A	05/01/03	05/04/03
BDMC	EPA 531.1	97	% Rec	-	1	N/A	05/08/03	05/09/03
AMPA	EPA 547	124.1	% Rec	-	1	N/A	05/05/03	05/06/03

mg/L: Milligrams/Liter (ppm)
 mg/Kg: Milligrams/Kilogram (ppm)
 µg/L: Micrograms/Liter (ppb)
 µg/Kg: Micrograms/Kilogram (ppb)
 %Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
 DLR: Detection Limit for Reporting
 : PQL x Dilution
 ND: None Detected at DLR

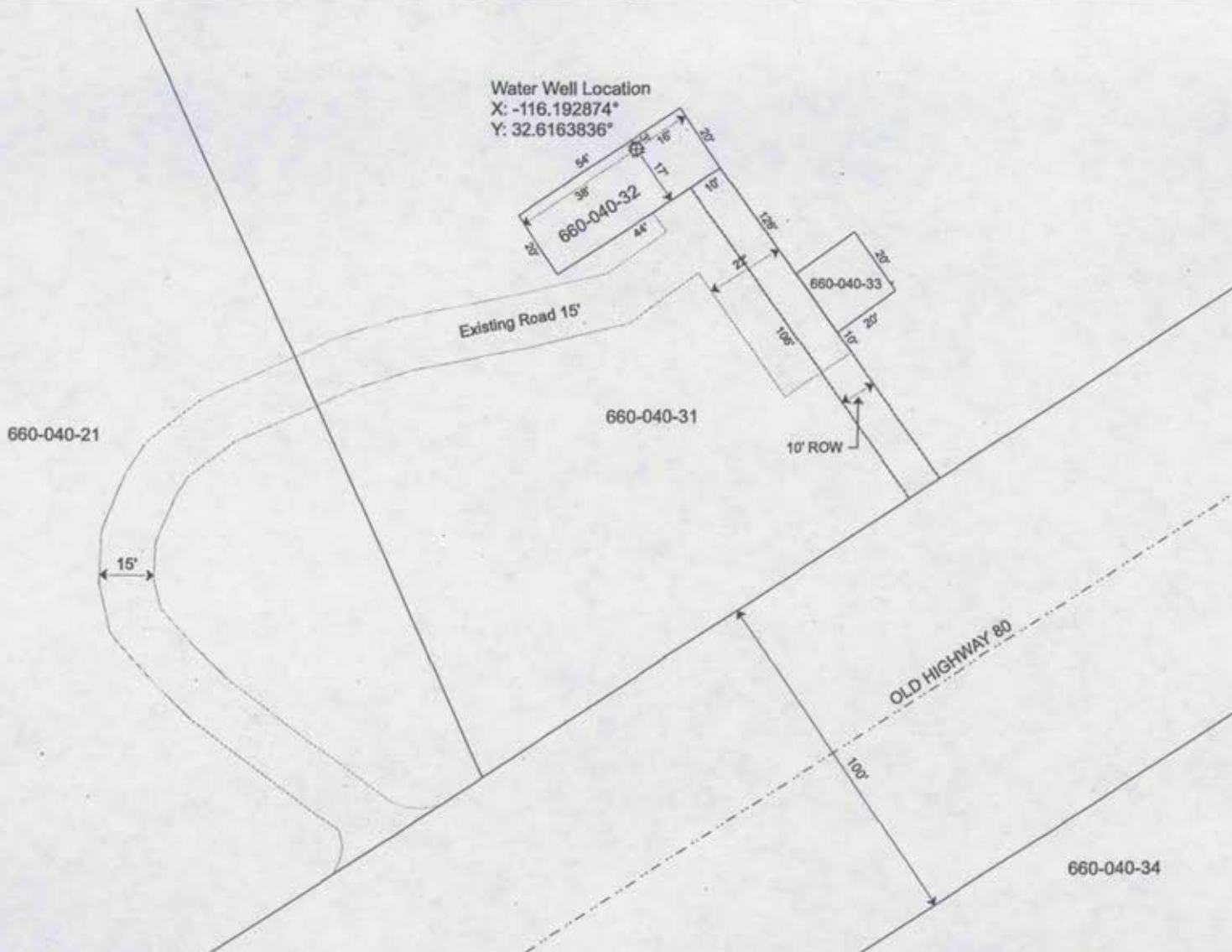
H: Analyzed outside of hold time
 P: Preliminary result
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 E: Analysis performed by External laboratory.
 See External Laboratory Report attachments.

Report Authentication Code:



Page 3 of 3

Water Well Location
X: -116.192874°
Y: 32.6163836°



Water Well Location units in decimal degrees.
Coordinate System:
NAD_1983_StatePlane_California_VI_FIPS_D406_Feet
Datum: D_North_American_1983

