

Table 17. Breakdown of Point Values by Groundwater Well - SSA

Total points 95

Well #	Well Name	Well Condition - Indirect Criteria											Well Performance						Water Quality		TOTAL POINTS (14 - 95)	Well #	Score % of total	Risk of failure			
		Age of Well (years)	Points (0 - 10)	Type of Construction	Points (1 - 5)	Depth of Annular / Sanitary Seal (feet)	Points (1 - 10)	Well Casing Diameter (inches)	Points (2 - 10)	Casing Thickness (inches)	Points (2 - 5)	Historical Sand Producer	Points (1 - 5)	Well Condition - Indirect Criteria Total (7 - 45)	Water Production (gpm)	Points (2 - 10)	Well Efficiency (kWh/MG)	Points (2 - 10)	Specific Capacity (gpm/ft)	Points (2 - 10)					Well Performance - Criteria Total (6 - 30)	Historical Water Quality	Water Quality - Criteria Total (1 - 20)
SOUTH SERVICE AREA																											
50	Columbia/Fair Oaks	53	10	Cable tool drilled	5	Unknown	5	12	8	N/A	5	Yes	5	38	500	10	7,963	10	39.8	10	30		1	69	50	73%	High
7	Rubicon/Seely Park	69	10	Cable tool drilled	5	Unknown	5	10	10	N/A	5	Yes	5	40	180	10	7,098	10	81.7	4	24		1	65	7	68%	Medium
14	Marconi South/Fulton	59	10	Cable tool drilled	5	Unknown	5	14	6	0.2188	5	Yes	5	36	570	8	22,298	10	45.4	8	26		1	63	14	66%	Medium
5	Bell/El Camino	28	4	Cable tool drilled	5	Unknown	5	9 1/2	10	0.25	2	Yes	5	31	330	10	12,780	10	30.0	10	30		1	62	5	65%	Medium
51	Sudbury/Elsdon	53	10	Cable tool drilled	5	Unknown	5	N/A	10	N/A	5	No	1	36	285	10	1,239	4	51.6	8	22		1	59	51	62%	Medium
46R	Jonas/Sierra Mills	50	8	Rotary	3	50	2	14	6	0.25	2	Yes	5	26	800	8	8,426	10	27.3	10	28	Nitrate	5	59	46R	62%	Medium
23	Marconi North/Fulton	56	10	Cable tool drilled	5	Unknown	5	14	6	0.2812	2	No	1	29	550	8	9,218	10	24.5	10	28		1	58	23	61%	Medium
24	Becerra/Woodcrest	56	10	Cable tool drilled	5	Unknown	5	14	6	0.2812	2	Yes	5	33	590	8	1,577	4	50.4	8	20	Nitrate	5	58	24	61%	Medium
18	Riding Club/Ladino	57	10	Cable tool drilled	5	Unknown	5	14	6	N/A	5	Yes	5	36	840	8	1,252	4	54.0	8	20		1	57	18	60%	Medium
22	West/Becerra	57	10	Cable tool drilled	5	Unknown	5	12	8	0.2188	5	Yes	5	38	650	8	1,366	4	72.5	6	18		1	57	22	60%	Medium
19	Balmoral/Yorktown	57	10	Cable tool drilled	5	0	10	14	6	N/A	5	Yes	5	41	950	8	724	2	93.3	4	14		1	56	19	59%	Medium
26	Greenwood/Marconi	55	10	Cable tool drilled	5	42	5	14	6	0.2812	2	Yes	5	33	650	8	2,044	6	44.0	8	22		1	56	26	59%	Medium
43	Edison/Truax	51	10	Rotary	3	46	5	14	6	0.25	2	No	1	27	850	8	237,438	10	50.0	8	26		1	54	43	57%	Medium
9	Ravenwood/Eastern	59	10	Cable tool drilled	5	Unknown	5	12	8	N/A	5	No	1	34	625	8	1,280	4	73.3	6	18		1	53	9	56%	Medium
37	Morse/Cottage Park	51	10	Rotary	3	72	2	14	6	0.25	2	Yes	5	28	700	8	48,815	10	69.0	6	24		1	53	37	56%	Medium
45	Jamestown/Middleberry	51	10	Rotary	3	62	2	14	6	0.25	2	Yes	5	28	750	8	43,760	10	73.1	6	24		1	53	45	56%	Medium
12	Hernando/Santa Anita Park	58	10	Cable tool drilled	5	Unknown	5	16	4	0.282	2	No	1	27	540	8	3,063	8	45.8	8	24		1	52	12	55%	Medium
13	Calderwood/Marconi	59	10	Cable tool drilled	5	Unknown	5	14	6	0.104	5	No	1	32	820	8	619	2	50.0	8	18		1	51	13	54%	Medium
25	Thor/Mercury	56	10	Cable tool drilled	5	Unknown	5	14	6	0.104	5	Yes	5	36	750	8	1,325	4	149.2	2	14		1	51	25	54%	Medium
3A	Kubel/Armstrong	46	8	Rotary	3	55	2	14	6	0.25	2	No	1	22	370	10	13,361	10	44.8	8	28		1	51	3A	54%	Medium
28	Red Robin/Darwin	54	10	Cable tool drilled	5	50	2	14	6	0.141	5	Yes	5	33	585	8	1,395	4	91.2	4	16		1	50	28	53%	Medium
35	Ulysses/Mercury	52	10	Cable tool drilled	5	70	5	14	6	0.2812	2	No	1	29	1000	8	1,071	4	45.7	8	20		1	50	35	53%	Medium
76	Larch/Northrop	48	8	Cable tool drilled	5	56	2	14	6	0.172	5	No	1	27	250	10	10	2	13.9	10	22		1	50	76	53%	Medium
30	Rockbridge/Keith	54	10	Cable tool drilled	5	50	2	14	6	0.2812	2	No	1	26	650	8	1,890	4	6.1	10	22		1	49	30	52%	Medium
40	Auburn/Yard	51	10	Rotary	3	60	2	14	6	0.25	2	No	1	24	675	8	150,912	10	66.8	6	24		1	49	40	52%	Medium
41	Albatross/Iris	51	10	Rotary	3	60	2	12	8	0.25	2	No	1	26	600	8	1,543	4	51.6	8	20		1	47	41	49%	Medium
70	Sierra/Blackmer	32	6	Reverse Rotary	1	55	2	16	4	0.25	2	No	1	16	350	10	11,759	10	8.5	10	30		1	47	70	49%	Medium
77	Fulton/Fair Oaks	37	6	Rotary	3	50	2	14	6	0.25	2	No	1	20	400	10	3,562	8	57.3	8	26		1	47	77	49%	Medium
2A	El Prado/Park Estates	44	8	Rotary	3	45	5	14	6	0.25	2	No	1	25	995	8	1,265	4	56.2	8	20		1	46	2A	48%	Medium
38	Watt/Auburn	51	10	Rotary	3	84	2	14	6	0.25	2	No	1	24	500	10	1,524	4	62.0	6	20		1	45	38	47%	Medium
47	Copenhagen/Arden	49	8	Rotary	3	81	2	14	6	0.25	2	No	1	22	885	8	1,568	4	34.1	10	22		1	45	47	47%	Medium
69	Hillsdale/Cooper	31	6	Rotary	3	50	2	14	6	0.3125	2	No	1	20	450	10	1,636	4	13.5	10	24		1	45	69	47%	Medium
60	Whitney/Concetta	43	8	Rotary	3	53	2	14	6	0.25	2	No	1	22	600	8	30	2	72.6	6	16		1	39	60	41%	Medium
66	Eastern/Woodside Church	36	6	Reverse Rotary	1	45	5	14	6	0.25	2	No	1	21	1350	6	1,064	4	74.4	6	16		1	38	66	40%	Medium
20A	Watt/Arden	39	6	Rotary	3	43	5	14	6	0.25	2	No	1	23	1100	6	1,622	4	86.2	4	14		1	38	20A	40%	Medium
68R	Northrop/Dornajo	19	2	Reverse Rotary	1	52	2	14	6	0.25	2	No	1	14	1600	4	2,960,000	10	45.6	8	22		1	37	68R	39%	Low
65	Merrily/Annadale	36	6	Reverse Rotary	1	51	2	14	6	0.25	2	No	1	18	1250	6	965	2	84.4	4	12		1	31	65	33%	Low
55A	Stewart/Lyndale	9	0	Rotary	3	116	1	14	6	0.25	2	No	1	13	2000	4	1,270	4	47.3	8	16		1	30	55A	32%	Low
72	River Walk/NETP	10	0	Rotary	3	180	1	18	2	0.3125	2	No	1	9	1850	4	1,253	4	25.3	10	18		1	28	72	29%	Low
32A	Eden/Root	9	0	Reverse Rotary	1	220	1	18	2	0.3125	2	No	1	7	1905	4	6,019	10	95.2	4	18		1	26	32A	27%	Low
4B	Bell/Marconi	14	2	Reverse Rotary	1	140	1	18	2	0.3125	2	No	1	9	2675	2	1,504	4	54.1	8	14		1	24	4B	25%	Low
75	Enterprise/Northrop	9	0	Reverse Rotary	1	280	1	18	2	0.3125	2	No	1	7	1150	6	2,935	6	N/A	2	14		1	22	75	23%	Low
33A	Auburn/Norris	7	0	Reverse Rotary	1	180	1	18	2	0.3125	2	No	1	7	2675	2	1,388	4	47.6	8	14		1	22	33A	23%	Low
74	River Walk/NETP South	10	0	Rotary	3	170	1	18	2	0.3125	2	No	1	9	2700	2	1,253	4	145.6	2	8		1	18	74	19%	Low
40A	Auburn/Yard	8	0	Reverse Rotary	1	210	1	18	2	0.3125	2	No	1	7	2525	2	1,475	4	89.6	4	10		1	18	40A	19%	Low
71	Rodney T. Franz	10	0	Reverse Rotary	1	100	2	18	2	0.3125	2	No	1	8	2675	2	1,209	4	148.6	2	8		1	17	71	18%	Low
73	River Walk/NETP East	9	0	Reverse Rotary	1	180	1	18	2	0.3125	2	No	1	7	3500	2	1,253	4	102.5	2	8		1	16	73	17%	Low

Risk of Failure based on the following categories:

- High >70% score
- Medium <70% but >40%
- Low <40%

Table 17. Breakdown of Point Values by Groundwater Well - NSA

Well #	Well Name	Well Condition - Indirect Criteria											Well Performance						Water Quality		TOTAL POINTS	Well #	Score % of total	Risk of failure																							
		Age of Well (years)	Points	Type of Construction	Points	Depth of Annular / Sanitary Seal (feet)	Points	Well Casing Diameter (inches)	Points	Casing Thickness (inches)	Points	Historical Sand Producer	Points	Well Condition - Indirect Criteria Total	Water Production, gpm	Points	Well Efficiency (KWH/MG)	Points	Specific Capacity, gpm/ft	Points					Well Performance - Criteria Total	Historical Water Quality	Water Quality - Criteria Total																				
NORTH SERVICE AREA																																															
34	La Cienega/Melrose	52	10	Cable tool drilled	5	50	2	14	6	0.2812	2	Yes	5	30	410	10	3,015	8	47.7	8	26	Iron - Manganese	10	66	34	69%	Medium																				
58	Thirty Second/Elkhorn	44	8	Rotary	3	40	5	14	6	0.25	2	N/A	5	29	650	8	18,318	10	48.1	8	26		1	56	58	59%	Medium																				
N3	Engle	66	10	Rotary	3	60.5	2	14	6	0.25	2	No	1	24	925	8	4,603	10	48.4	8	26		1	51	N3	54%	Medium																				
N1	Evergreen	51	10	Rotary	3	64	2	14	6	0.25	2	No	1	24	880	8	3,008	8	35.7	10	26		1	51	N1	54%	Medium																				
27	Melrose/Channing	55	10	Cable tool drilled	5	45	5	14	6	0.1406	5	No	1	32	680	8	1,500	4	90.4	4	16		1	49	27	52%	Medium																				
N9	Cameron	44	8	Rotary	3	48	5	14	6	0.25	2	No	1	25	1300	6	8,700	10	65.2	6	22		1	48	N9	51%	Medium																				
N15	Cabana	39	6	Rotary	3	64	2	14	6	0.25	2	No	1	20	1000	8	1,520	4	56.5	8	20	TCE	5	45	N15	47%	Medium																				
N20	Cypress	35	6	Reverse Rotary	1	49	5	14	6	0.25	2	No	1	21	1300	6	1,627	4	100.0	4	14	Manganese -	10	45	N20	47%	Medium																				
N8	Field	47	8	Rotary	3	50	2	14	6	0.25	2	No	1	22	1200	6	1,214	4	73.8	6	16	Barium - PCE	5	43	N8	45%	Medium																				
N5	Hillsdale	49	8	Rotary	3	80	2	14	6	0.25	2	No	1	22	850	8	1,864	4	51.9	8	20		1	43	N5	45%	Medium																				
N31	Barrett Meadows	51	10	N/A	5	52	2	14	6	0.25	2	No	1	26	750	8	1,609	4	111.0	2	14	Bacteriological	3	43	N31	45%	Medium																				
N29	Merrihill	51	10	Rotary	3	64	2	14	6	0.25	2	No	1	24	1285	6	1,257	4	89.1	4	14	Nitrate -	5	43	N29	45%	Medium																				
N12	St. Johns	42	8	Rotary	3	50	2	14	6	0.25	2	No	1	22	1350	6	1,200	4	78.2	6	16	Bacteriologic	5	43	N12	45%	Medium																				
N10	Walnut	44	8	Cable tool drilled	5	50	2	14	6	0.25	2	No	1	24	1300	6	1,044	4	60.0	8	18		1	43	N10	45%	Medium																				
39	Thomas/Elkhorn	51	10	Rotary	3	59	2	14	6	0.25	2	No	1	24	600	8	714	2	68.0	6	16		1	41	39	43%	Medium																				
N7	Rosebud	47	8	N/A	5	Unknown	5	14	6	0.25	2	No	1	27	1300	6	879	2	86.4	4	12		1	40	N7	42%	Medium																				
N6	Palm	48	8	Rotary	3	60.5	2	14	6	0.25	2	No	1	22	1040	6	3,550	8	119.0	2	16		1	39	N6	41%	Medium																				
N27	Jamestown	50	8	Rotary	3	86	2	14	6	0.25	2	No	1	22	1225	6	1,423	4	176.9	2	12	Nitrate	5	39	N27	41%	Medium																				
N23	Freeway	33	6	Rotary	3	50	2	14	6	0.25	2	No	1	20	1030	6	1,329	4	47.0	8	18		1	39	N23	41%	Medium																				
52	Weddigen/Gothberg	49	8	Rotary	3	63	2	14	6	0.25	2	No	1	22	840	8	1,511	4	83.0	4	16		1	39	52	41%	Medium																				
N30	Park Oaks	50	8	Rotary	3	76	2	14	6	0.25	2	No	1	22	1125	6	1,439	4	113.0	2	12	Bacteriological	3	37	N30	39%	Low																				
N26	Monument	24	4	Reverse Rotary	1	95	2	16	4	0.3125	2	No	1	14	600	8	1,948	4	5.7	10	22		1	37	N26	39%	Low																				
N25	Sutter	32	6	Rotary	3	50	2	14	6	0.25	2	No	1	20	1900	4	1,669	4	46.7	8	16		1	37	N25	39%	Low																				
N24	Don Julio	32	6	Reverse Rotary	1	50	2	14	6	0.25	2	No	1	18	1190	6	1,603	4	52.4	8	18		1	37	N24	39%	Low																				
64	Galbraith/Antelope Woods	40	6	Reverse Rotary	1	50	2	14	6	0.25	2	Yes	5	22	675	8	1,453	4	138.0	2	14		1	37	64	39%	Low																				
N32C	Poker 3	19	2	Reverse Rotary	1	50	2	16	4	0.3125	2	No	1	12	790	8	1,501	4	15.7	10	22		1	35	N32C	37%	Low																				
N22	River College	33	6	Rotary	3	69	2	14	6	0.25	2	No	1	20	1000	8	1,012	4	110.0	2	14		1	35	N22	37%	Low																				
N14	Orange Grove	40	6	Reverse Rotary	1	50	2	16	4	0.25	2	No	1	16	1200	6	1,107	4	40.1	8	18		1	35	N14	37%	Low																				
N33	Walerga	19	2	Reverse Rotary	1	60	2	16	4	0.3125	2	No	1	12	1275	6	1,668	4	34.0	10	20		1	33	N33	35%	Low																				
N32A	Poker 1	19	2	Reverse Rotary	1	50	2	14	6	0.3125	2	No	1	14	2000	4	1,501	4	85.0	4	12	PCE	5	31	N32A	33%	Low																				
N17	Oakdale	36	6	Reverse Rotary	1	50	2	14	6	0.25	2	No	1	18	1100	6	1,573	4	141.3	2	12		1	31	N17	33%	Low																				
31A	Watt/Elkhorn	23	4	Reverse Rotary	1	50	2	18	2	0.25	2	No	1	12	1600	4	2,242	6	59.8	8	18		1	31	31A	33%	Low																				
N32B	Poker 2	19	2	Reverse Rotary	1	50	5	18	2	0.3125	2	No	1	13	1800	4	1,501	4	317.2	2	10	PCE	5	28	N32B	29%	Low																				
59A	Bainbridge/Holmes School	8	0	Reverse Rotary	1	200	1	18	2	0.3125	2	No	1	7	2950	2	1,580	4	89.9	4	10	Manganese	10	27	59A	28%	Low																				
N34	Cottage	16	2	Reverse Rotary	1	50	5	18	2	0.375	2	No	1	13	2000	4	1,774	4	186.0	2	10		1	24	N34	25%	Low																				
N35	Antelope	7	0	Reverse Rotary	1	50	2	18	2	0.375	2	No	1	8	2000	4	1,756	4	137.6	2	10		1	19	N35	20%	Low																				
56A	Fairbain/Karl	8	0	Reverse Rotary	1	190	1	18	2	0.3125	2	No	1	7	2400	2	1,569	4	116.4	2	8		1	16	56A	17%	Low																				
The Arbors at Antelope																																															
MC-2C	Capehart	50	8	Rotary	3	N/A	5	N/A	10	N/A	5	No	1	32	400	10	2,958	6	58.6	8	24		1	57	MC-2C	60%	Medium																				
MC-3C	Capehart	48	8	Rotary	3	N/A	5	N/A	10	N/A	5	No	1	32	650	8	12,252	10	151.5	2	20		1	53	MC-3C	56%	Medium																				
MC-1C	Capehart	50	8	Rotary	3	90	2	14	6	0.375	2	No	1	22	450	10	1,873	4	19.1	10	24		1	47	MC-1C	49%	Medium																				
McClellan Business Park																																															
MC-10	McClellan	63	10	Rotary	3	N/A	5	10	10	N/A	5	No	1	34	675	8	2,394	6	N/A	2	16		1	51	MC-10	54%	Medium																				

Risk of Failure based on the following categories:
 High >70% score
 Medium <70% but >40%
 Low <40%