

Harold Snyder
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October 20, 2006
Nipomo Community Services District
148 Wilson Street
P.O. Box 326
Nipomo, CA 93444

(805) 929-1133 Phone
(805) 929-1932 Fax

Dear Bruce Buel:

On page two line 7 of the attached Technical Memorandum dated October 9th 2006 it states "the NCSD data from April 2006 were used in this analysis". I am making a public record request for the transmittal of the April 2006 data from NCSD to SAIC (be it by letter, email, Fax or other method).

Thank You

Harold Snyder

Hand Delivered.



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TECHNICAL MEMORANDUM

TO: Bruce Buel, General Manager, Nipomo Community Services District
FROM: Joel Degner, Brad Newton,
RE: Groundwater in storage underneath the Nipomo Mesa Management Area as of April 2006, 01-0236-00-9100
DATE: October 9, 2006

INTRODUCTION

Nipomo Community Services District (NCSD) directed SAIC to (1) determine the amount of groundwater that is in storage within the deep aquifer underneath Nipomo Mesa Management Area (NMMA) based on groundwater elevation data collected April 2006 (2) compare the storage in 2006 to 2000 and (3) compute the above sea level and below sea level volume. The following figures and tables are attached.

- Table 2: Well Measurements in April 2006
- Figure 1: Well Locations and NMMA Boundaries
- Figure 2: NMMA Groundwater Level in 2006
- Figure 3: NMMA Groundwater Level in 2000
- Figure 4: Change in storage between 2006 and 2000
- Figure 5: Water Levels in a Confined Aquifer

RESULTS

Table 1: Groundwater in Storage underneath Nipomo Mesa Management Area

Boundary	Volume of groundwater in storage above sea level (AF)			Volume of groundwater in storage below sea level (AF)
	April 2006	April 2000	2000 (DWR)	2000, 2006
Nipomo Mesa Management Area (Phase III)	121,000	124,000	N/A	790,000
Nipomo Mesa Hydrologic Sub-area (DWR)	96,000	99,000	84,000	720,000

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To: Bruce Buel, Nipomo Community Services District General Manager
Re: Groundwater in Storage Underneath the Nipomo Mesa as of April 2006
Date: October 9, 2006
Page 2 of 3

1 **METHODOLOGY**

2 *Well Measurements*

3 Groundwater level data were originated from the San Luis Obispo County Department
4 of Public Works (SLO DPW) and from NCSD. SLO DPW measures the groundwater levels in
5 monitoring wells in the spring and the fall of each year. Their most recent data are from April
6 2006 and were used in this analysis. NCSD measures the levels in its wells monthly. The NCSD
7 data from April 2006 were used in this analysis. Table 1 lists the data from April 2006 and
8 Figure 1 displays the well locations and the measured groundwater elevations. Well data for
9 April 2000 from SLO DPW and NCSD were also used in this analysis for the comparison of
10 water levels in 2000 and 2006.

11 The groundwater level data were evaluated for accuracy. Well completion records and
12 historical hydrographic records were reviewed to flag data that appeared to be anomalous. Data
13 that did not follow the historical trend in well hydrographs were removed. Data measured from
14 shallow wells were also removed because of concerns that data measured a perched shallow
15 aquifer and did not represent the water level of the deep aquifer that is the subject of this
16 analysis. Table 1 lists the data that were used for the analysis and which data were removed
17 due to data quality concerns.

18 Well locations were based on the California Department of Water Resources (DWR)
19 records for the wells where available and NCSD well data from earlier SAIC study. When the
20 DWR well locations were compared to other available well locations (SLO DPW, USGS) there
21 were small discrepancies in some well locations. Therefore there is some uncertainty in the
22 accuracy of the locations of the measured wells. The well ground surface elevations were based
23 on DWR records and SLO DPW records. Based on the current analysis and previous analysis
24 by SAIC the well elevations are not accurate and could vary +/- 20 feet.

25 *Groundwater Surface Interpolation*

26 The well measurements were interpolated using an inverse distance weighting method
27 in ArcView 9.1 (Power=2, Number of points = 12). The interpolation was based on the data
28 points and was not interpreted based on assumptions related to structural geology. The
29 representation of the groundwater surface in April 2006 and in April 2000 is shown in Figure 2
30 and Figure 3 respectively. In their 2002 report, DWR assumed that the Santa Maria River fault
31 acts as a barrier to groundwater flow. This results in a lower estimate of groundwater in
32 storage and explains the difference between the estimate using only the data points (99,000AF)
33 and DWR estimates using an interpretation of the structural geology for 2000 (84,000 AF) (See
34 Table 1).

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To: Bruce Buel, Nipomo Community Services District General Manager
Re: Groundwater in Storage Underneath the Nipomo Mesa as of April 2006
Date: October 9, 2006
Page 3 of 3

1 ***Groundwater Volume Estimate***

2 The groundwater volume above sea level as shown in Table 1 was estimated by
3 subtracting sea level surface (elevation equals zero) from the representation of the groundwater
4 surface and subtracting the volume of bedrock above sea level. (The bedrock surface originated
5 from Figure 11: Base of Potential Water-Bearing Sediments (DWR 2002)). The groundwater
6 volume below sea level was estimated by subtracting the bed rock surface from the sea level
7 surface. The total volume of the groundwater was multiplied by the specific yield to estimate
8 the amount of groundwater in storage. The specific yield used was 11.7%, based on the average
9 weighted specific yield for the Nipomo Mesa Hydrologic Sub-area estimated by DWR (DWR
10 2002, pg. 86).

11 The amount of groundwater in storage under the Nipomo Mesa depends on the
12 boundary that is used to describe the Nipomo Mesa. Figure 1 displays the Nipomo Mesa
13 Hydrologic Sub-area (HSA) boundary that the DWR used in its 2002 Report, the NMMA
14 boundary used in Phase III of the Santa Maria Groundwater Adjudication, and the NMMA
15 boundary provide in Exhibit C of the proposed stipulation in the Santa Maria Groundwater
16 Adjudication. For this analysis, the NMMA from Phase III of the trial was used for continuity
17 with previous analysis that SAIC had done in 2003. The storage was also calculated with the
18 HSA to provide a comparison to previous estimates that were made by the DWR (See Table 1).

19 ***Change in Storage Comparison to 2006 and 2000***

20 The groundwater in storage in April 2006 was compared to storage levels in April 2000,
21 by subtracting the groundwater elevation surface in 2006 from 2000 (See Figure 4).

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NIPOMO COMMUNITY

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October 30, 2006

Mr. Harold Snyder
PO Box 926
Nipomo, CA 93444

SUBJECT: OCTOBER 25, 2006 PUBLIC RECORDS REQUESTS RE TECHNICAL MEMO

Dear Mr. Snyder,


This letter responds to your October 25, 2006 public records request regarding the October 9, 2006 SAIC Technical Memorandum. Attached is the data that NCSD provided to SAIC.

Also attached is a printout of April 2000 water levels used by SAIC to estimate NMMA storage volumes as of April 2000.

If you have any questions, please don't hesitate to call me.

Sincerely,

NIPOMO COMMUNITY SERVICES DISTRICT



Bruce Buel
General Manager

cc: File

Bruce Buel

From: Bruce Buel
Sent: Monday, October 02, 2006 9:47 AM
To: Beeby, Bob; Newton, Bradley; 'degnerjs@saic.com'
Subject: Recent NCSD Production
Attachments: ANNUAL PRODUCTION.xls; 2005.xls; 2004.xls; 2003 Annual .XLS

Bob/Brad/Joel

Attached is a summary of recent NCSD well production by well, per your request.

Bruce Buel

**NIPOMO COMMUNITY SERVICES DISTRICT
GROSS WELL PRODUCTION
JANUARY 1, 2006 TO DECEMBER 31, 2006**

TOWN DIVISION											SUBTOTAL	BYPASS	TOTAL	TOTAL
	EUREKA	VIA CONCHA	BEVINGTON	SUNDALE	OMIYA	OLYMPIC	CHURCH	KNOLLWOOD	DANA(MANDI)	DANA(CHEY)	TOTAL GALLONS	TO BLACKLAKE	GALLONS TOWN	ACRE FEET TOWN
JANUARY	708,356	30,652,292	2,138,532	0	0	656,145	0	8,976	0	0	34,164,301	0	34,164,301	104.88
FEBRUARY	627,572	28,536,200	6,501,616	0	0	597,951	0	9,731,554	0	0	45,994,893	0	45,994,893	141.20
MARCH	19,318	16,148,362	1,237,095	0	0	662,682	3,121	6,620,055	0	0	24,690,633	0	24,690,633	75.80
APRIL	10,472	20,647,792	1,668,788	5,761,096	0	175,780	10,662	10,367,280	0	0	38,641,870	0	38,641,870	118.63
MAY	2,255,220	13,912,052	1,005,312	36,405,160	0	355,894	10,621	10,366,457	0	0	64,310,716	(2,992)	64,307,724	197.42
JUNE	17,916,096	25,167,208	1,881,968	33,018,964	0	596,978	3,515	9,680,915	0	0	88,265,644	(98,736)	88,166,908	270.67
JULY	12,364,440	23,865,688	8,211,544	47,287,064	0	97,315	3,516	8,725,420	0	0	100,554,987	(2,075,700)	98,479,287	302.33
AUGUST	8,525,704	25,096,148	13,716,076	36,722,312	0	0	0	9,742,999	0	0	93,803,239	(1,525,172)	92,278,067	283.29
SEPTEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
OCTOBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
NOVEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
DECEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL M.G.	42,427,178	184,025,742	36,360,931	159,194,596	0	3,142,745	31,435	65,243,656	0	0	490,426,283	(3,702,600)	486,723,683	1494.24
TOTAL AF	130.25	564.96	111.63	488.73	0.00	9.65	0.10	200.30	0.00	0.00	1505.61	(11.37)	1494.24	1494.24

BLACKLAKE DIVISION			SUBTOTAL	BYPASS	TOTAL	TOTAL
	BL #3	BL #4	TOTAL GALLONS	FROM TOWN	GALLONS BL	ACRE FEET BLACKLAKE
JANUARY	3,940,389	1,337,499	5,277,888	0	5,277,888	16.20
FEBRUARY	4,265,918	4,065,828	8,331,746	0	8,331,746	25.58
MARCH	4,823,628	601,990	5,425,618	0	5,425,618	16.66
APRIL	4,423,223	1,581,870	6,005,093	0	6,005,093	18.44
MAY	5,045,409	6,111,608	11,157,017	2,992	11,160,009	34.26
JUNE	5,036,358	9,225,158	14,261,516	98,736	14,360,252	44.09
JULY	4,780,094	9,115,726	13,895,820	2,075,700	15,971,520	49.03
AUGUST	4,587,783	9,623,244	14,211,027	1,525,172	15,736,199	48.31
SEPTEMBER	0	0	0	0	0	0.00
OCTOBER	0	0	0	0	0	0.00
NOVEMBER	0	0	0	0	0	0.00
DECEMBER	0	0	0	0	0	0.00
TOTAL M.G.	36,902,802	41,662,923	78,565,725	3,702,600	82,268,325	252.56
TOTAL AF	113.29	127.91	241.20	11.37	252.56	252.56

TOTAL TOWN AND BLACKLAKE			TOTAL	TOTAL
	TOWN	BLACKLAKE	GALLONS	ACRE FEET
JANUARY	34,164,301	5,277,888	39,442,189	121.09
FEBRUARY	45,994,893	8,331,746	54,326,639	166.78
MARCH	24,690,633	5,425,618	30,116,251	92.46
APRIL	38,641,870	6,005,093	44,646,963	137.07
MAY	64,307,724	11,160,009	75,467,733	231.69
JUNE	88,166,908	14,360,252	102,527,160	314.76
JULY	98,479,287	15,971,520	114,450,807	351.36
AUGUST	92,278,067	15,736,199	108,014,266	331.60
SEPTEMBER	0	0	0	0.00
OCTOBER	0	0	0	0.00
NOVEMBER	0	0	0	0.00
DECEMBER	0	0	0	0.00
TOTAL M.G.	486,723,683	82,268,325	568,992,008	1746.81
TOTAL AF	1494.24	252.56	1746.81	1746.81

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**NIPOMO COMMUNITY SERVICES DISTRICT
GROSS WELL PRODUCTION
JANUARY 1, 2005 TO DECEMBER 31, 2005**

TOWN DIVISION											SUBTOTAL	BYPASS	TOTAL	TOTAL
	EUREKA	VIA CONCHA	BEVINGTON	SUNDALE	OMIYA	OLYMPIC	CHURCH	KNOLLWOOD	DANA(MANDI)	DANA(CHEY)	TOTAL GALLONS	TO BLACKLAKE	GALLONS TOWN	ACRE FEET TOWN
JANUARY	4,772,240	0	0	21,792,232	0	0	0	3,378,716	0	0	29,943,188	(71,060)	29,872,128	91.71
FEBRUARY	4,678,740	8,228	5,236	25,888,280	0	0	748	1,069,640	0	0	31,650,872	0	31,650,872	97.17
MARCH	2,809,488	0	0	31,457,888	0	0	0	1,287,308	0	0	35,554,684	0	35,554,684	109.15
APRIL	12,300,000	213,180	0	23,464,012	2,244	12,716	0	10,810,096	0	0	46,802,248	0	46,802,248	143.68
MAY	7,917,580	19,396,338	0	33,627,088	0	0	0	12,319,635	0	0	73,260,641	(323,435)	72,937,206	223.92
JUNE	14,626,392	30,564,776	0	34,228,480	0	424,588	0	9,391,140	0	0	89,235,376	(5,003,372)	84,232,004	258.59
JULY	22,573,144	31,962,040	163,812	32,228,588	0	0	0	9,623,788	0	0	96,551,352	(4,065,380)	92,485,972	283.93
AUGUST	38,377,636	15,976,532	3,494,656	30,065,112	0	0	0	5,034,788	0	0	92,948,724	(5,835,424)	87,113,300	267.44
SEPTEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
OCTOBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
NOVEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
DECEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL GAL	108,055,220	98,121,094	3,663,704	232,751,680	2,244	437,304	748	52,915,091	0	0	495,947,085	(15,298,671)	-180,648,414	1475.59
TOTAL AF	331.73	301.23	11.25	714.55	0.01	1.34	0.00	162.45	0.00	0.00	1522.56	(46.97)	1475.59	1475.59

BLACKLAKE DIVISION		SUBTOTAL	BYPASS	TOTAL	TOTAL	WITH DANA SCHOOL WELL		DANA PROD	Total Prod
BL #3	BL #4	TOTAL GALLONS	FROM TOWN	GALLONS BL	ACRE FEET BLACKLAKE	Percent of Supply	Town	BL	Town w/Dana
JANUARY	187,897	4,447,608	4,635,505	71,060	4,706,565	EUREKA	21.79%	0.00%	21.08%
FEBRUARY	97,240	5,330,996	5,428,236	0	5,428,236	VIA CONCHA	19.78%	0.00%	19.14%
MARCH	0	4,929,768	4,929,768	0	4,929,768	BEVINGTON	0.74%	0.00%	0.71%
APRIL	3,763,188	6,827,744	10,590,932	0	10,590,932	SUNDALE	46.93%	0.00%	45.41%
MAY	743,512	8,033,520	8,777,032	323,435	9,100,467	OMIYA	0.00%	0.00%	0.00%
JUNE	905,080	8,055,960	8,961,040	5,073,372	13,964,412	OLYMPIC	0.09%	0.00%	0.09%
JULY	6,264,500	3,870,152	10,134,652	4,065,380	14,200,032	CHURCH	0.00%	0.00%	0.00%
AUGUST	6,319,104	2,552,176	8,871,280	5,835,424	14,706,704	KNOLLWOOD	10.67%	0.00%	10.32%
SEPTEMBER	0	0	0	0	0	DANA SCH			3.25%
OCTOBER	0	0	0	0	0	BL #3	0.00%	23.55%	
NOVEMBER	0	0	0	0	0	BL #4	0.00%	56.74%	
DECEMBER	0	0	0	0	0	BYPASS	0.00%	19.71%	
TOTAL M.G.	18,280,521	44,047,924	62,328,445	15,298,671	77,627,116	TOTAL	100.00%	100.00%	100.00%
TOTAL AF	56.12	135.23	191.35	46.97	238.32				

TOTAL TOWN AND BLACKLAKE			
	TOWN	BLACKLAKE	TOTAL
			GALLONS
			ACRE FEET
JANUARY	29,872,128	4,706,565	34,578,693
FEBRUARY	31,650,872	5,428,236	37,079,108
MARCH	35,554,684	4,929,768	40,484,452
APRIL	46,802,248	10,590,932	57,393,180
MAY	72,937,206	9,100,467	82,037,673
JUNE	84,232,004	13,964,412	98,196,416
JULY	92,485,972	14,200,032	106,686,004
AUGUST	87,113,300	14,706,704	101,820,004
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	0
DECEMBER	0	0	0
TOTAL M.G.	480,648,414	77,627,116	558,275,530
TOTAL AF	1475.59	238.32	1713.91

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NIPOMO COMMUNITY SERVICES DISTRICT
GROSS WELL PRODUCTION
JANUARY 1, 2004 TO DECEMBER 31, 2004

TOWN DIVISION											SUBTOTAL	BYPASS	TOTAL	TOTAL	
	EUREKA	VIA CONCHA	BEVINGTON	SUNDALE	OMIYA	OLYMPIC	CHURCH	KNOLLWOOD	DANA(MANDI)	DANA(CHEY)	TOTAL GALLONS	TO BLACKLAKE	GALLONS TOWN	ACRE FEET TOWN	
JANUARY	6,270,750	7,374,700	0	25,268,250	0	0	0	0	0	0	0	38,913,700	0	38,913,700	119.47
FEBRUARY	9,210,872	1,196,052	0	23,158,080	0	0	1,478,048	0	0	0	0	35,043,052	0	35,043,052	107.58
MARCH	17,967,708	6,732	0	28,662,612	0	0	6,068,524	0	0	0	0	52,705,576	0	52,705,576	161.81
APRIL	24,657,820	9,477,160	7,078,000	28,044,016	0	0	2,256,716	0	0	0	0	71,513,712	0	71,513,712	219.55
MAY	13,967,404	31,206,560	10,781,152	30,120,464	0	0	0	0	0	0	0	86,075,580	(1,738,352)	84,337,228	258.92
JUNE	16,643,748	31,006,096	15,049,760	30,475,016	0	0	0	0	0	0	0	93,174,620	(680,680)	92,493,940	283.96
JULY	14,865,000	32,301,632	14,906,144	27,150,904	0	108,268	0	0	0	0	0	89,331,948	0	89,331,948	274.25
AUGUST	10,531,840	31,492,296	15,071,452	31,846,840	0	0	0	0	0	0	0	88,942,428	0	88,942,428	273.05
SEPTEMBER	11,467,284	30,623,868	7,996,120	28,578,088	0	2,234,276	0	3,427,336	0	0	0	84,326,972	0	84,326,972	258.88
OCTOBER	2,728,704	14,937,560	37,400	35,398,352	0	748	0	6,704,847	0	0	0	59,807,611	0	59,807,611	183.61
NOVEMBER	10,050,876	0	0	35,124,584	0	0	0	0	0	0	0	45,175,460	0	45,175,460	138.69
DECEMBER	9,850,412	0	0	37,189,064	0	0	0	0	0	0	0	47,039,476	(539,308)	46,500,168	142.76
TOTAL M.G.	148,212,418	189,622,656	70,920,028	361,016,270	0	2,343,292	9,803,288	10,132,183	0	0	792,050,135	(2,958,340)	789,091,795	2422.51	
TOTAL AF	455.01	582.14	217.72	1108.32	0.00	7.19	30.10	31.11	0.00	0.00	2431.59	(9.08)	2422.51	2422.51	

BLACKLAKE DIVISION			SUBTOTAL	BYPASS	TOTAL	TOTAL
	BL #3	BL #4	TOTAL GALLONS	FROM TOWN	GALLONS BL	ACRE FEET BLACKLAKE
JANUARY	0	7,075,000	7,075,000	0	7,075,000	21.72
FEBRUARY	0	6,148,164	6,148,164	0	6,148,164	18.87
MARCH	0	9,575,896	9,575,896	0	9,575,896	29.40
APRIL	2,831,180	10,003,004	12,834,184	0	12,834,184	39.40
MAY	9,997,020	7,193,516	17,190,536	1,738,352	18,928,888	58.11
JUNE	7,580,755	10,015,346	17,596,101	680,680	18,276,781	56.11
JULY	7,660,268	10,627,135	18,287,403	0	18,287,403	56.14
AUGUST	9,944,700	14,690,300	24,635,000	0	24,635,000	75.63
SEPTEMBER	6,033,368	9,666,030	15,699,398	0	15,699,398	48.20
OCTOBER	4,653,981	4,793,258	9,447,239	0	9,447,239	29.00
NOVEMBER	0	8,466,013	8,466,013	0	8,466,013	25.99
DECEMBER	64,328	8,105,328	8,169,656	539,308	8,708,964	26.74
TOTAL M.G.	48,765,600	106,358,990	155,124,590	2,958,340	158,082,930	485.31
TOTAL AF	149.71	326.52	476.23	9.08	485.31	485.31

TOTAL TOWN AND BLACKLAKE			TOTAL	TOTAL
	TOWN	BLACKLAKE	GALLONS	ACRE FEET
JANUARY	38,913,700	7,075,000	45,988,700	141.19
FEBRUARY	35,043,052	6,148,164	41,191,216	126.46
MARCH	52,705,576	9,575,896	62,281,472	191.20
APRIL	71,513,712	12,834,184	84,347,896	258.95
MAY	84,337,228	18,928,888	103,266,116	317.03
JUNE	92,493,940	18,276,781	110,770,721	340.07
JULY	89,331,948	18,287,403	107,619,351	330.39
AUGUST	88,942,428	24,635,000	113,577,428	348.68
SEPTEMBER	84,326,972	15,699,398	100,026,370	307.08
OCTOBER	59,807,611	9,447,239	69,254,850	212.61
NOVEMBER	45,175,460	8,466,013	53,641,473	164.68
DECEMBER	46,500,168	8,708,964	55,209,132	169.49
TOTAL M.G.	789,091,795	158,082,930	947,174,725	2907.83
TOTAL AF	2422.51	485.31	2907.83	2907.83

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NIPOMO COMMUNITY SERVICES DISTRICT
GROSS WELL PRODUCTION
JANUARY 1, 2003 - DECEMBER 31, 2003

	EURKEA	BEVINGTON	OMYIA	OLYMPIC	SAVAGE	CHURCH	VIA CONCHA	SUN DALE	SUBTOTAL TOTAL GALLONS	TOWN SUBTOTAL TOTAL ACRE FT	BYPASS TO BLACKLAKE TOTAL GALLONS	BYPASS TO BLACKLAKE ACRE FEET	TOTAL GALLONS TOWN	TOTAL ACRE FT TOWN	BLACKLAKE #3
JANUARY	22,555,940	18,586,000	5,236	0	OFF	0	11,968	540,056	41,699,200	128.02	0	0.00	41,699,200	128.02	876,000
FEBRUARY	26,018,432	3,300,000	5,984	15,708	OFF	0	23,936	7,965,452	37,329,512	114.60	0	0.00	37,329,512	114.60	798,000
MARCH	20,800,384	519,000	0	0	OFF	4,716,888	20,467,524	0	46,503,796	142.77	0	0.00	46,503,796	142.77	1,392,000
APRIL	18,891,488	1,755,000	0	0	OFF	5,856,092	22,705,504	1,114,520	50,322,604	154.49	0	0.00	50,322,604	154.49	2,794,000
MAY	4,552,328	0	0	0	OFF	5,697,516	15,227,784	39,270,000	64,747,628	198.78	0	0.00	64,747,628	198.78	3,555,000
JUNE	10,187,012	3,311,000	0	0	OFF	5,233,008	24,259,884	37,122,492	80,113,396	245.95	-1,069,640	-3.28	79,043,756	242.66	4,475,000
JULY	7,341,620	15,162,000	2,992	4,488	OFF	4,489,496	26,007,212	35,195,644	88,203,452	270.78	-2,818,464	-8.65	85,384,988	262.13	5,063,000
AUGUST	14,446,872	9,922,000	0	0	OFF	3,888,104	24,167,880	37,255,636	89,680,492	275.32	-533,324	-1.64	89,147,168	273.68	10,661,000
SEPTEMBER	21,459,372	3,977,864	0	0	OFF	462,264	22,568,656	27,472,544	75,940,700	233.14	-758,492	-2.33	75,182,208	230.81	9,947,000
OCTOBER	7,031,160	0	0	0	OFF	2,992	26,966,095	21,923,250	55,923,497	171.69	0	0.00	55,923,497	171.69	10,404,000
NOVEMBER	14,200,000	0	0	0	OFF	0	18,720,000	18,657,000	51,577,000	158.34	0	0.00	51,577,000	158.34	1,165,000
DECEMBER	17,283,691	0	0	0	OFF	0	603,000	16,228,608	34,115,299	104.73	0	0.00	34,115,299	104.73	0
TOTAL M.G.	184,768,299	56,532,864	14,212	20,196	0	30,346,360	201,729,443	242,745,202	716,156,576	2,198.60	-5,179,920	-15.90	710,976,656	2,182.70	51,130,000
TOTAL ACRE FT	567.24	173.56	0.04	0.06	0.00	93.16	619.31	745.23	2,198.60	-15.90	-15.90	2,182.70	2,182.70	156.97	

BLACKLAKE #4	BYPASS	SUBTOTAL BL TOTAL GAL	SUBTOTAL TOTAL ACRE FT	GRAND TOTAL GALLONS	GRAND TOTAL ACRE FEET
7,483,000	0	8,359,000	25.66	50,058,200	153.68
5,947,000	0	6,745,000	20.71	44,074,512	135.31
8,311,000	0	9,703,000	29.79	56,206,796	172.55
8,708,000	0	11,502,000	35.31	61,824,604	189.80
9,866,000	0	13,421,000	41.20	78,168,628	239.98
9,504,000	1,069,640	15,048,640	46.20	94,092,396	288.86
8,928,000	2,818,464	16,809,464	51.61	102,194,452	313.74
6,848,000	533,324	18,042,324	55.39	107,189,492	329.07
5,465,000	758,492	16,170,492	49.64	91,352,700	280.45
5,046,000	0	15,450,000	47.43	71,373,497	219.12
8,006,000	0	9,171,000	28.15	60,748,000	186.50
6,365,000	0	6,365,000	19.54	40,480,299	124.27
90,477,000	5,179,920	146,786,920	450.64	857,763,576	2,633.33
277.76	15.90		450.64		2,633.33

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Table 3: Measurements in April 2000

State Well Number	Common Name	Production Depth	Reporting Agency	Ground Surface Elevation (ft MSL)	Depth to Water Surface (ft)	Date	Water Surface Elevation (ft MSL)
Measurements used in the analysis							
11N34W05J01	C & M NURSERY #2		SLO DPW	396	11.0	4/21/2000	385
11N34W05K01	TODD DOMESTIC		SLO DPW	378	23.4	4/21/2000	355
11N34W05K02	TODD IRRIGATION		SLO DPW	401	60.2	4/21/2000	341
11N34W06L01	MEHLSCHAU		SLO DPW	350	124.2	4/21/2000	226
11N34W09P01	FOOTHILL FARMS		SLO DPW	375	64.2	4/21/2000	311
11N34W19Q01	BLNNY - DIVISION	315' depth	SLO DPW	305	230.0	4/21/2000	75
11N34W20J02	EGG FARM		SLO DPW	316	224.4	4/21/2000	91
11N34W27D01	P G & E	Sounded 135'11/74	SLO DPW	295	97.6	4/21/2000	197
11N34W27E01	LAMPHIER - MESA	285' deep	SLO DPW	303	171.9	4/21/2000	131
11N35W02F01	WILLIAMS - POMEROY	370-390'	SLO DPW	380	330.3	4/20/2000	50
11N35W03B01	FITZPATRICK - FRANKIE	290-310'	SLO DPW	320	229.8	4/20/2000	90
11N35W05G01	ANDREWS - FOWLER LANE	250-265',165'deep	SLO DPW	140	109.6	4/19/2000	30
11N35W05G02	WHITE - FOWLER LANE	140'+ pump	SLO DPW	135	108.9	4/19/2000	26
11N35W05L01	SACKMAN - HWY #1	200' deep,then clay	SLO DPW	108	101.9	4/19/2000	6
11N35W05L03	SACKMAN		SLO DPW	127	100.8	4/19/2000	26
11N35W05N02	ALVES - CALLENDER	278' deep	SLO DPW	100	66.9	4/19/2000	33
11N35W05R01	GATES - CALLENDER	240' deep	SLO DPW	139	116.2	4/19/2000	23
11N35W06J01	RUDD - HWY #1	0	SLO DPW	100	69.8	4/19/2000	30
11N35W09K04	CASANO - HWY#1/WILLOW	274' deep	SLO DPW	182	140.7	4/19/2000	41
11N35W10G01	BLACK LAKE GOLF - EAST	460' deep	SLO DPW	354	317.3	4/19/2000	37
11N35W11B01	NASHOLM - MESA	315-320/366-372	SLO DPW	385	336.8	4/21/2000	48
11N35W11C01	NASHOLM - MESA	210-233/320-324	SLO DPW	261	258.5	4/21/2000	2
11N35W11C02	SIRUBLE - MESA	312' deep	SLO DPW	285	257.3	4/21/2000	28
11N35W11J01	CAMACHO - MESA	257-267/287-297/-313	SLO DPW	352	257.6	4/20/2000	94
11N35W12E04	NOLLER		SLO DPW	410	320.9	4/20/2000	89
11N35W13C01	ARLT - POMEROY	500'	SLO DPW	345	282.7	4/20/2000	62
11N35W13D01	KAMINAKA	0	SLO DPW	330	263.7	4/20/2000	66
11N35W13E02	KAMINAKA - SOUTH	PR form. 430' deep	SLO DPW	305	232.1	4/20/2000	73
11N35W13E03	KAMINAKA - NORTH	PR formations	SLO DPW	305	233.6	4/20/2000	71
11N35W23L01	BAILEY		SLO DPW	279	196.3	4/21/2000	82
11N36W12C01	PISMO BEACH WEST	280-290'	SLO DPW	20	8.1	4/28/2000	11
12N34W31F01	FITZGERALD - NIPOMO		SLO DPW	440	73.5	4/21/2000	367
12N35W28J02	BARNETT - HALCYON	0	SLO DPW	180	38.6	4/13/2000	141
12N35W29N01	SILVA - HALCYON	0	SLO DPW	29	5.8	4/19/2000	23
12N35W30K03	IKEDA BROS-CIENEGA VALLEY	40-58/85-87/94-100'	SLO DPW	30	5.1	4/19/2000	25
12N35W30M02	PHELAN & TAYLOR	0	SLO DPW	22	6.0	4/19/2000	16
12N35W30M04	22ST./PRODUCE PLACE		SLO DPW	23	6.2	4/19/2000	16
12N35W30P02	IKEDA BROS-CIENEGA VALLEY	0	SLO DPW	26	3.1	4/19/2000	23
12N35W32G01	COLE - HALCYON	320' depth	SLO DPW	189	174.5	4/20/2000	15
12N35W33D01	PHIL BEN		SLO DPW	240	131.1	4/13/2000	109
12N35W33E01	RENO - HALCYON	0	SLO DPW	259	140.4	4/20/2000	118
12N35W33J02	DICK - FERNDALF	443'dp/pump @ 320'	SLO DPW	300	257.6	4/20/2000	42
12N35W33J03	FAGUNDES - FERNDALF	407' deep	SLO DPW	270	251.5	4/20/2000	18
12N35W33L01	JOHNSON - HALCYON	0	SLO DPW	305	285.6	4/20/2000	19
12N35W34G08	OLIVER - LOS BERROS	0	SLO DPW	189	24.5	4/17/2000	165
12N35W35P01	JOHNSON - APPLGATE RANCH	220'	SLO DPW	390	197.7	4/20/2000	192
12N35W35P03	SEVERENCE - DOMESTIC		SLO DPW	410	228.8	4/20/2000	181

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Table 3: Measurements in April 2000

State Well Number	Common Name	Production Depth	Reporting Agency	Ground Surface Elevation (ft MSL)	Depth to Water Surface (ft)	Date	Water Surface Elevation (ft MSL)
12N36W36L02	PISMO BEACH - WEST	535-545'	SLO DPW	22	3.4	4/28/2000	19
32S13E33A05	GARING - LOS BERROS	38'deep	SLO DPW	80	5.3	4/13/2000	75
32S13E33A06	GARING NEW DOM		SLO DPW	80	20.5	4/13/2000	60
32S13E33K03	WALLER SEED COMPANY	64-82' 96'deep	SLO DPW	52	28.5	4/14/2000	23
32S13E33L02	TAYLOR #1		SLO DPW	42	14.9	4/19/2000	27
11N35W09K05	Eureka	220-575' Depth 575'	NCSD	174	147.0	4/26/2000	27
11N35W10J02	Bevington		NCSD	317	376.0	4/27/2000	-59
11N35W10L01	Via Concha		NCSD	264	298.0	4/28/2000	-34
11N35W13M02	Dana #1		NCSD	321	272.0	4/29/2000	49
11N35W14J01	Dana #2		NCSD	308	236.0	4/30/2000	72
	Black Lake #3		NCSD	319	286.0	5/1/2000	33
	Black Lake #4		NCSD	301	337.0	5/2/2000	-36
	Sundale		NCSD	251	214.0	5/3/2000	37
	Omiya		NCSD	390	298.0	5/4/2000	92
	Olympic		NCSD	346	312.0	5/5/2000	34
	Savage		NCSD	310	19.0	5/6/2000	291
	Church		NCSD	300	84.5	5/7/2000	216
Measurements that were removed from the analysis							
11N34W17B04	NCSD SAVAGE #1 OLD	225' DEPTH	SLO DPW	325	18	4/21/2000	307.0
Reason: Measurements did not correspond to nearby well measurements, but cause unknown							
11N35W02G01	SMITH OBSFRVATION	130' sounded	SLO DPW	400	89	4/20/2000	310.4
Reason: Shallow well, nearby deep aquifer well had a much lower measurement							
11N35W09K02	SCHAEFER HWY#1/WILLOW	356' deep	SLO DPW	190	110	4/19/2000	80.0
Reason: Measurements did not correspond to nearby well measurements							
12N35W33Q02	LAYMAN - HALCYON ROAD		SLO DPW	339	190	4/20/2000	148.9
Reason: Measurements did not correspond to nearby well measurements, could be a shallow well							
12N36W36L01	PISMO BEACH - EAST	227-237'	SLO DPW	22	15	4/28/2000	7.1
Reason: Same location as well 12N36W36L02, 36L02 was perforated deeper in the aquifer, so it was used instead							