



Koch California Ltd.

662 Eucalyptus Road, P.O. Box 1127
Nipomo, CA 93444

Phone: (805) 929-4153
Fax: (805) 929-5598
Email: kochcal@earthlink.net

September 16, 1999

CITY OF PISMO BEACH

Michael Fuson, City Manager
The City of Pismo Beach
760 Mattie Road
Pismo Beach, CA 93449

SEP 17 1999

RECEIVED
CITY CLERK

(805) 773-4657 Phone
(805) 773-7006 Phone

Re: **Request to Inspect and Copy Public Records**

Dear Michael Fuson:

This letter is a request to inspect public records which are in the possession of the **CITY OF PISMO BEACH** pursuant to the California Public Records Act (Govt. Code §6250, et seq.). **Following the inspection, we may request copies** of some or all of the records. In the event we request copying by the **CITY OF PISMO BEACH** we will, at that time, tender any required copying charges. However, we reserve the right to have copies of the records made at your location by an independent copying service of our choosing.

Please make the records available for inspection beginning on **October 8th, 1999 at 10:00 a.m.** Unless we are notified otherwise, we shall expect that the records will be available for inspection in the **CITY OF PISMO BEACH** office. The following is a list of the reasonably identifiable public records which we desire to inspect on or after **October 8th, 1999 at 10:00 a.m.**

1. **All "Well Completion Reports" for each water well owned and/or operated by CITY OF PISMO BEACH.**
2. **For any water well for which a Well Completion Report is not in the possession of CITY OF PISMO BEACH, such other documents as are in the possession of CITY OF PISMO BEACH which show any of the following information: a) the well location, b) the name and address of the well driller, c) the date the well was completed, d) depth to first water below surface e) total depth of completed well.**
3. **Documents which show the amount of water produced from each water well owned and/or operated by CITY OF PISMO BEACH for each month from the completion of the well through to July 31st 1999.**
4. **All reports of hydraulic test results for each water well owned and/or operated by CITY OF PISMO BEACH, for the period beginning with the construction of the each well and ending July 31, 1999, which show any of the following information: a) standing water level, b)**

pumping water level, c) pumping amount, capacity or GPM.

- 5. All reports created during repair or maintenance of CITY OF PISMO BEACH wells with a measure of: a) standing water level, b) pumping water level, c) pumping capacity or GPM during pumping water levels (such as those commonly found on Floyd wells or other contractor's Invoice, Repair order Invoice, or Well Drilling logs etc.) for the period beginning with the construction of the each well and ending July 31, 1999.**

If a portion of the information contained in the records we have requested is exempt from disclosure by express provisions of law, Govt. Code §6254 requires segregation and deletion of that material in order that the remainder of the information may be released.

Please take note that Govt. Code §6256 requires the **CITY OF PISMO BEACH** to determine, within ten (10) days after receipt of this request, whether the **CITY OF PISMO BEACH** will comply with this request. If the **CITY OF PISMO BEACH** decides not to comply with all or any portion of this request, Govt. Code §6256 requires notification to us of the reasons for the determination not later than ten (10) days from your receipt of this request. Further, Govt. Code §6256.2 prohibits the use of any provision of the Public Records Act to delay access for the purposes of inspecting public records. Govt. Code §6256.2 also requires that any notification of denial of this request for records must set forth the names and titles or positions of each person responsible for the denial.

Thank you for your timely attention to our request.



John Snyder
Vice President



City of Pismo Beach
760 Mattie Road
Pismo Beach, CA 93449
(805)773-4657 Fax: (805) 773-7006

September 29, 1999

Mr. John Snyder, Vice President
Koch California Ltd.
662 Eucalyptus Road
P.O. Box 1127
Nipomo, CA 93444

Re: Request to Inspect and Copy Public Records

Dear Mr. Snyder:

My office received your request to inspect and copy records on September 17, 1999. I apologize for the delay in getting back to you. Your request has been forwarded to the pertinent staff.

Pursuant to the Public Records Act, we are requesting a 10-day extension on complying with the request. I will call you as soon as the records are available for inspection at City Hall.

There will be a charge for copies but no charge for viewing the documents. The charge is 75 cents for the first page and 20 cents for each page after that, plus clerical staff time to copy at an hourly rate of approx. \$10.00.

If you have any questions, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "Sharon Jones".

Sharon Jones
City Clerk

cc: File



Koch California Ltd.

662 Eucalyptus Road, P.O. Box 1127
Nipomo, CA 93444

*cc: City Clerk
D. Belzeit
R. Rogers*

Phone: (805) 929-4153
Fax: (805) 929-5598
Email: kochcal@earthlink.net

September 16, 1999

Michael Fuson, City Manager
The City of Pismo Beach
760 Mattie Road
Pismo Beach, CA 93449

CITY OF PISMO BEACH

SEP 17 1999

*Hand
delivered*

RECEIVED
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Thank you for your timely attention to our request.



John Snyder
Vice President

WELL METER READINGS

DATE	WELL #5		WELL #23		WELL #9		WELL #10	
	CUBIC FT.	DIFF.	CUBIC FT.	DIFF	GALLONS	DIFF	GALLONS	DIFF
2/1/97	43359520	∅	04496110	48.15				
3/1/97	44285000	21.25	06679635	50.13	877597.60		meter not operating 312013.59	3/12 509 Samples
4/1/97	46166410	43.19	08937940	51.84				
5/1/97	46916040	15.5	11085358	42.3				
	well 5 meter noisy 4/11; readings not accurate - 570/630gpm = 90% (adjusted use) new meter installed 5/9/97							
5/4/97	00003800	4.6	avg april use x 9 days in may = 5.13 AF x .9 = 4.6 AF ← 4.6 AF + (32.719 AF from 5/9-6/1) = 37.4 AF					
6/1/97	01433400	37.4	13194810	48.43				
7/1/97	03477840	46.93	15105400	50.75				
8/1/97	04728938	28.72	18684513	75.28				
9/1/97	01259648	58.1	20193180	34.63				
10/1/97	08703500	33.1	21270170	24.7				
11/1/97	09087482	8.8	21950100	15.61				
12/1/97	09247718	3.7	22154681	4.7				
1/1/98	09275365	0.635	22565992	9.44				
2/1/98	09501868	5.20	22953130	8.89				
3/1/98	09865331	8.34	23044863	2.11				
4/1/98	10072431	4.75	23265231	5.06				
4/23/98			Huber off due to coliform positive					
4/24/98	10515610	10.17	23664124	9.16				
5/4/98			→ Huber back on line					
4/30/98	10737578	15.27	23664288	9.16				
6/1/98	11524519	18.07	24005660	7.84				

- 43560

WELL METER READINGS

DATE	WELL #5		WELL #9		WELL #10		WELL #23	
	CUBIC FT.	DIFF	GALLONS	DIFF	GALLONS	DIFF	GALLONS	DIFF
3/1/95	13674200	1.86	87727204	∅	30475535	∅	158964000	20.15
4/1/95	14259456	13.44	—				160362250	4.29
5/1/95	14801819	12.45	—				172333800	30.67
6/1/95	15421972	14.24	—				180689000	20.56
7/1/95	16386720	22.15	—				193121000	30.81
8/1/95	18565850	50.02	—				206886000	42.24
9/1/95	20466900	43.64	—				221166400	43.52
10/1/95	22626600	49.58	87732656	∅	30487063	∅	238516000	53.24
11/1/95	24491280	42.81					257987500	51.76
12/1/95	26092050	36.75	87760524	∅	31190851	∅	265700000	23.67
1/1/96	26112030	0.46					277474500	36.13
2/1/96	26603600	11.28					285687330	25.20
3/1/96	27204162	13.79					288901620	9.86
4/1/96	28045120	19.32					291000000	8.30
5/1/96		42.15						21.7
	295250	38.6						42.77
		—						
		—						
5/1/96	36177000	58.9					336913000	38.6
9/1/96	37756820	36.27					356256400	51.45
9/23/96	—	—					meter changed out to cu ft ³	
12/1/96	39589650	42.08					363039000	20.12
							1643	
							3531	8.07
11/1	41990009	55.10	87760635	∅	well down for repair back on line 427622 3191289		00531470	4.09
12/1/96	42870859	20.22	87759871	∅	after MBE samples 31207359	∅	00676030	3.32
1/1/97	43359340	11.2					02496100	4.78

÷ 43540

8 digit meter reading

÷ 325851
05 of 9/23 use for 3 (all)

9-digit meter read

WELL METER READINGS

DATE	WELL #5		WELL #9		WELL #10		WELL #23	
	CUBIC FT.	DIFF	GALLONS	DIFF	GALLONS	DIFF	GALLONS	DIFF
1/4/93	33453500	55.9	flushed well for general mineral & phys tests* 87598400	.026 *	30248900	.063	102663780	.75
2/1/93	346696300	27.9	87598400	∅	30248900	∅	102927610	.81
3/1/93	34770800	2.3	87598400	∅	30248900	∅	109914650	21.4
4/1/93	34770800	∅	87598400	∅	30248900	∅	111793000	5.76
3478 5/1/93	5600 gal used to flush = .34	3.2	87598400	∅	30248900	∅	122794000	338
6/1/93	37960700	69.69	87598400	∅	30248900	∅	125619750	37
7/1/93	40167200	51.0	87598400	∅	30248900	New meter	131404000 003584000	29.1 (17)
8/1/93	43293700	72	87598400	∅	30248900	∅	011933000	26
9/1/93	45412553	48.6	87598400	∅	30248900	∅	026006170	43.0
10/1/93	46368668	21.9	87598400	∅	30248900	∅	043021000	52.2
11/1/93	46370121	0.03	87598400	∅	30248900	∅	061901320	57.9
12/1/93	47300300	21.4	87598400	∅	30248900	∅	069790500	42
1/1/94	48023400	17.0	flushed 12/01 for radiocitivity testing 87650500	∅	303396	∅	071453000	5.1
2/1/94	48653000 50175000	14.45 0.45	87650500	∅	303396	∅	073494000	6.26
3/1/94	New meter 00317260	6.88	87650500	∅	303396	∅	075716780	5.59
4/1/94	50810733	11.3	flush for radiocitivity testing 87687140	∅	304074	∅	076807970	4.58 13.4
5/1/94	51426987	14.15	∅	∅	∅	∅	081175250	26.6
6/1/94	52287107	19.75	∅	∅	∅	∅	089831330	56.6
7/1/94	53493433	27.69	∅	∅	∅	∅	108273620	36.1
8/1/94	55547161	47.15	87705198	∅	30434591	∅	120031920	41.2
9/1/94	58026195	56.9	∅	∅	∅	∅	133456690	16.5
10/1/94	10088400	47.34	∅	∅	∅	∅	138818500	10.5
11/1/94	11563980	33.87	87726447	∅	30473502	∅	142568100	10.5
12/1/94	12516100	21.86	—	∅	—	∅	144571100	6.15
1/1/95	13069400	12.70	—	—	—	—	148642910	12.50
2/1/95	13593085	12.02	—	—	—	—	151974100	10.22

WELL METER READINGS

DATE	WELL #5		WELL #9		WELL #10		WELL #22 #23		
	CUBIC FT.	DIFF	GALLONS	DIFF	GALLONS	DIFF	GALLONS	DIFF	
12-1-91	86131700	53.8	2151200	8.6	62952100	7.91			
1-2-91	891412800	55.44	24053500	1.1	65951700	7.20			
2-1-91	905717000	31.97	2611000	7.1-1	68532400	7.93			
3-1-91	919611000	70.0	21120000	4.21	70211500	5.34	000754000	2.3	
3-27-91	94207600	53.76	27430200	.05	70276600	∅	same	∅	
4-8-91	Well # 22 on line - into distribution						000804000	.05	} full well line
5-1-91	96725400	57.6	same	∅	same	∅	02890.000	6.6	
		60		22		1.43	77510		
7-2-91	101800800	56.6	40560000	18.2	74916700	12.8	06025000	17.5	
8-9-91	03531800	39.7	45066500	13.8	82107800	22.1	14745000	26.16	
9-3-91	04933500	32.2	53389200	25.5	92783400	32.76	21446000	20.56	
10-1-91	06801100	42.9	59848000	17.8	99406600	20.33	22132330	2.11	
11-1-91	09465300	59.8	same	∅	same	∅	23361000	10.5	
12-2-91	10599400	27.41	66119800	19.24	06643500	22.21	27691000	6.51	
1-1-92	11508200	20.86	73178200	21.66	16100000	29.02	28003000	0.96	
1-31-92	12409800	21	78849500	17.4	24869200	27.0	28119000	0.36	
3-2-92	13790900	31.71	78849500	0.0	24892100	0.70	28119000	0.0	
4-1-92	15152700	31.26	can't read 78849500	?	24892100	0/0	28119000	0.0	
5-1-92	16861800	39.24	83573900	14.49	30128700	16.07	29665260	4.75	
6-2-92	19332300	56.71	87387500	11.70	30128700	∅	31214600	4.75	
7-1-92	21963700	60.41	same	∅	same	∅	32838250	4.98	
7-31-92	23926600	45.06	pumped to waste for analytical test*			30164800	.11	47023000	43.5
9-01-92	24345300	9.6	87414700	.0002	30164800	∅	77359000	93.1	
10-01-92	26214100	42.9	87457600	.13	pumped to waste for analytical test*			∅	
11-02-92	28889400	61.4	87590000	.41	30228400	∅	099675260	20.9	
12-01-92	3018960	48.9	87590000	∅	30228400	∅	100217940	1.67	

WELL READINGS

DATE	WELL # 5		WELL # 9		WELL # 10	
	CUBIC FT	DIFF	GALLONS	DIFF	GALLONS	DIFF
9-1-88						
10-1-88	37689700		68509700		12008500	
11-1-88	39344800	1655100	74286600	576900 12.73	16443100	4434600 13.21
12-1-88	41133800	1,789,000 21.07	77130800	2,200,000 31.72	22393700	5950,000 13.72
1-1-89	42754800	1621000 57.21				
2-1	44,128,400	1,373,600 31.52	77130800	0	22315700	0
3-1	45,179,100	24.12	78,169,800	3.19	23,741,600	4.14
4-1	46,728,000	35.56	82,163,700	12.26	29,051,900	16.3
5-1	48,550,900	41.35	83,852,800	5.18	32,242,300	9.74
6-1	51,224,200	31.61	91,106,795	22.26	42,161,440	30.45
7-1-89	51,208,000	37.37	94,219,400	7.55	45,836,700	11.26
8-1-89	53,873,000	63.16	101,730,100	23.05	55,160,600	28.63
9-1-89	56,460,700	62.16	107,774,200	35.17	62,500,200	30.56
10-1-89	58,424,700	75.74	117,521,200	11.52	74,721,200	
11-1-89		22.47	120,000	12.45		
10-1-89	24,000,000		11-1-89	25,500,000	31.72 AFT	
BACKWASH	10-1-89	019222000	11-1-89	019937000	- 2 19 AFT =	33.03
	12,152,700	42.49	3,025,000	21.76	8,271,000	25.83
1-1-90	63,796,800	37.60	393,554,000	24.73	91,176,200	24.11
2-1-90	64,954,400	26.57	475,846,000	25.25	98,628,300	22.87
3-1-90	67,000,000	41.16	475,846,000	5.66	100,000,000	7.21
4-1-90	68,625,500	36.78	500,000,000	21.57	106,274,800	18.60
5-1-90	70,440,400	41.66	660,607,000	29.47	139,216,300	23.42
6-1-90	72,517,500	47.68	757,225,000	30.27	217,329,000	23.16
7-2-90	75,074,500	57.27	804,000,000	20.57	271,712,000	21.17
8-1-90	77,646,000	58.51	957,014,000	30.22	360,994,000	25.33
8-31-90	80,720,500	57.22	1,027,027,000	23.72	423,147,000	22.37
10-02-90	82,422,200	51.84	1,187,190,000	25.39	533,965,000	24.50
11-01-90	84,387,000	43.69	1,871,150,000	20.91	597,230,000	19.42

$\div 43560$
 $\div (7.48 \times 43560)$
 $\div (7.48 \times 43560)$

	effluent
5/1/92	536313
6/2/92	539555
-	
7/31/92	539555
9/1/92	539555

BW	
035018570	
035215000	
35215000	pumped to waste for water quality testing
35215000	
<u>33753000</u>	1/92 meter
1462900	or 4.48AF

Huber 122794000 5/1/93
122909000 5/3

'well 5 @/

4/29 instant

34785600

5-1 34925000

~~5-2 349823000~~

4/1

34770800

1/1/90

1/1/90

(

10 L #1

700,000

300,000

300,000

700,000

300,000

300,000

619,000

2,137,000

2,137,000

500,000

2,555,000

2,555,000

500,000

1,000,000

1,000,000

2/1/90

5/1/90

5/1/90

98,223,000

66,060,700

75,922,500

4,735,000

13,926,300

21,732,100

6,500,000

24,205,000

10,287,000

32,725,000

34,342,300

7,040,400

12,017,300

7 2/90

2/1/90

836,110,000

2,132,000

diff.

15,500

2,000

7,750

5,000

2,000

2,000

2,000

1/21/90

10/2/90

11/1/90

50,000,000

50,736,400

028,231,000

diff 40,119,200

41,262,900

2,100,000

18,711,500

5,000,000

59,723,100

#5

824,000

84,387,000

WELL READINGS

100 23
9 25 40
10 15 30
10 30 30

DATE	WELL # 5		WELL # 9		WELL # 10	
	CUBIC FT.	DIFF. gal	GALLONS	DIFF. gal	GALLONS	DIFF. gal
1-1-88	19,297.30		252,724		212,816	
2-1-88	19,834.50	12.45	267,357	4.49	220,714	3.42
3-1	20,526.00	22.65	362,318	* 29.14	254,589	10.40
4-1	22,943.70	48.61	378,322	4.91	30,568.4	15.68
5-1	25,307.00	51.26	394,326	4.91	35,678.0	15.68
6-1	28,059.50	63.18	461,860	20.71	636,100	* 154.75
4-1			362,317.00		0116,7200	
5-1			394,326.00		0356,7800	
5-15		4295.3400	4		0356,7100	
6-13			476,317.00		106,726.00	
6-23			494,430.00		131,459.00	
					26,100.00	13.92
					453,590.00	
6-1			WTP PIT MTR		089,320,000	

1/2
in down
0550
PIT
05130

* No - like y

÷ 43560

÷ (748 x 43560)

÷ (748 x 43560)

WELL READINGS

DATE	WELL # 5		WELL # 9		WELL # 10		P.C.
	CUBIC FT	DIFF	GALLONS	DIFF	GALLONS	DIFF	
Sept 30 ³¹	13298600		22.98 AF			30.45 A.F	
Sept 30 ¹⁰⁻⁵			21.37		13475300	32.06	
10-17			11544000		13475300		026058-
10-18			11844400		"		0264300-
10-19			12679100		"		0263530-
10-22			13524400		"		0265910-
10-23			13706400		"		
10-26			14582000		"		129530-
10-31	15108700	41.55	16274300	29.95		32.06	0314020-
11-1			16374300	21.37		29.30	0314020-
11-6			17716400		"		0229920-
11-7			18017100		13568100		0333220-
11-10			18882400		OFF		034276-
11-11			OFF				
11-12			OFF				
11-13			18882400		"		034276-
11-14			19370100				035112-
11-15			1939400				
11-22			20593100		14822300		037472-
11-23			20842300	14.02	15183700	Nov 5.00	0380220-
11-30	17131900	46.45					
12-31			25272400	13.60	21281000	18.72	
1-1	19297300	49.71					
2-1	19834400	12.33	28851000	10.63	22565100	Jan 3.74	
3-1	20826100	22.77	31541000	8.92	24051600	Feb 4.56	
4-1	22743700	48.61	36231700	14.09	26593000	Mar 7.46	
5-1	25221300	52.29	39432600	9.82	35678000	Apr 27.20	
6-1	28054500	65.16	49410500	30.64	13145900	May 22.30	
7-1	30452400	54.93	51336700	5.90	15787400	Jun 20.57	
8-1	32915700	56.55	52423000	21.79	17344300	Jul 17.00	
9-1	35526900	59.94	61102400	8.13	11828700	Aug 18.31	

10-1 37,689,700 ÷ 43560 = 865.45
 12-1 12,008,000 ÷ 43560 = 275.64
 12-1 12,008,000 ÷ 43560 = 275.64

Well #9 & #10 Reads

Well #10

Plants

Well #9

8/29/88 11,828,700
 8/30 11,828,700
 8/31 11,828,700
 9/3 11,828,700
 9/4 11,828,700
 9/5 11,828,700
 9/6 11,828,700

128,867,000
 129,140,000
 129,438,000
 130,323,000
 130,635,000
 130,929,000
 131,304,000

60,604,600
 60,842,500
 61,102,400 *Reading
 given at
 Hall*
 61,870,300
 62,147,100
 62,403,200

9-17 11,828,700
 9-18 11,828,700
 9-19 11,828,700
 9-20
 9-21

132,701,000
 134,068,000
 134,399,000

64,853,400
 65,122,000
 65,408,900

9-22 11,828,700
 9-23 11,828,700
 9-24 11,828,700
 9-25 11,828,700
 9-27 11,828,700
 9-28 11,828,700

135,241,000
 135,517,000
 135,817,000
 136,101,000
 136,742,000
 137,043,000

66,147,300
 66,387,300
 66,648,500
 66,895,500
 67,454,200
 67,716,300

9-29 11,845,100
 10/1 12,008,500
 10/2 12,008,500

137,297,000
 138,124,000
 138,405,000

67,922,800
 68,509,700
 68,754,400 *Reading
 given at
 Hall*

10/3 12,008,400
 10/6 12,447,700

138,607,000
 138,907,000

68,929,900
 69,693,300

10/8 12,447,600
 10/11 12,447,500

140,406,000
 140,703,000

70,131,300
 70,388,900

10/10 13,112,400
 10/13 13,807,600

141,981,000
 143,437,000

70,934,000
 71,610,700

10-15 13,507,000
 10-16 13,977,600
 10-17 13,879,400

143,715,000
 144,096,000
 144,433,000

71,851,900
 72,193,700
 72,413,900

	#10	#9	Plant
8/0/9	14,547,100	72,901,400	145,649,000
10/23	15,785,200	73,805,700	147,911,000
10/24	16,516,400	74,077,100	148,591,000
10/25	16,443,100	74,286,600	149,116,000
10/31	16,443,100	74,286,600	149,116,000
11/8	17,790,600	74,629,600	149,864,000
	<i>7/26</i> Much of this water ran into sewer system		
11/29	22,239,500	77,036,700	155,172,000
12/1	22,393,700	77,130,800	155,331,000
1/14	23,141,600	78,168,800	157,722,000
3/16	24,805,500	78,377,000	
3/25/89	27,839,300	81,224,500	
3/26/89	28,107,800	81,432,300	BACKDASH METER
5/1/89	32,240,300	83,852,800	015165000
6-8-89	42,161,400	91,106,900	
6-13-89	"off"	91,341,600	

DAILY WATER REPORT

DATE 26 July 99 INITIAL W 1085
 TIME 08:30/15:45

DISPLAY	FACILITY	FLOW RATE AM/PM	METER AM/PM
30	WELL #5	<u>511 / 505</u>	<u>249.3 / 270.8</u>
28	WELL #9	<u>Ø / 1190</u>	<u>691.4 / 691.6</u>
28	WELL 10 <u>purge H₂S 2hrs</u>	<u>244 / 221</u>	<u>5240 / 5242</u>
	SET POINT		
	AM / PM		
10	P. OAKS T.O. <u>F. OFF / Ø</u>	<u>2233 / Ø</u>	<u>2233 / 2233</u> ^{5200'}
10	BELLO T.O. <u>600 / 200</u>	<u>Ø / Ø</u>	<u>2500 / 2500</u>
10	SH. BCH T.O. <u>F. OFF / 1400</u>	<u>Ø / 1415</u>	<u>0946 / 0972</u>
10	PAL. T.O. <u>F. OFF / Ø</u>	<u>Ø / Ø</u>	<u>9777 / 9777</u>

COMMENTS: Per Lopez Request to 50 total flow for 24 hrs.
08:30 hrs. ~~50~~ V.D.M.T. off. Pal. Off. P. Oaks off.
Pac. Est. Bot. off. P-2.
Turner Dist. on P. Oaks @ 1600 hrs.

GATE Valve Closed AT Dist P. Oaks. 1 PM 7-25-99

(DISPLAY 11)

LEVEL AM / PM

PISMO OAKS RES. HT. 20'	<u>14.6 / 12.6</u>
BELLO RES. HT. 14'	<u>11.0 / 10.9</u>
CHARLES ST. RES. HT. 24'	<u>18.5 / 18.6</u>
PISMO HTS. #2 RES. HT. 10'	<u>6.5 / 6.6</u>
PISMO HTS. #3 RES. HT. 20'	<u>15.5 / 16.4</u>
PACIFIC ESTATES HT. 20'	<u>16.2 / 15.7</u>
SHELL BEACH RES. HT. 27'	<u>22.4 / 16.9</u>
PALISADES RES.	<u>1.0 / 1.0</u>

RESERVOIR COMMENTS: *Buy at Boost off @ boost site. due to
low level @ Bella Res.

WATER PRODUCTION REPORT

Calendar Year 19__
 All figures shown are in acre feet

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL 5)	ARROYO GRANDE BASIN (WELL 33)	PIEMO BASIN (WELL 9)	PIEMO BASIN (WELL 10)	MONTH	YEAR
JAN	_____	_____	_____	_____	_____	_____	_____
FEB	_____	_____	_____	_____	_____	_____	_____
MAR	_____	_____	_____	_____	_____	_____	_____
Water Year Totals _____							
APR	_____	_____	_____	_____	_____	_____	_____
MAY	_____	_____	_____	_____	_____	_____	_____
JUN	_____	_____	_____	_____	_____	_____	_____
JUL	_____	_____	_____	_____	_____	_____	_____
AUG	_____	_____	_____	_____	_____	_____	_____
SEP	_____	_____	_____	_____	_____	_____	_____
OCT	_____	_____	_____	_____	_____	_____	_____
NOV	_____	_____	_____	_____	_____	_____	_____
DEC	_____	_____	_____	_____	_____	_____	_____
TOTALS	_____	_____	_____	_____	_____	_____	_____

Previous Year Comparisons

		Produced Water	Water Sold
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____

WATER PRODUCTION RECORD

Calendar Year 19__

All figures shown are in acre feet

MONTH	LIFEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL 5) (WELL 33)		PIEDRO BASIN (WELL 9) (WELL 10)		MONTH	YEAR
JAN	_____	_____	_____	_____	_____	_____	_____
FEB	_____	_____	_____	_____	_____	_____	_____
MAR	_____	_____	_____	_____	_____	_____	_____
Water Year Totals _____							
APR	_____	_____	_____	_____	_____	_____	_____
MAY	_____	_____	_____	_____	_____	_____	_____
JUN	_____	_____	_____	_____	_____	_____	_____
JUL	_____	_____	_____	_____	_____	_____	_____
AUG	_____	_____	_____	_____	_____	_____	_____
SEP	_____	_____	_____	_____	_____	_____	_____
OCT	_____	_____	_____	_____	_____	_____	_____
NOV	_____	_____	_____	_____	_____	_____	_____
DEC	_____	_____	_____	_____	_____	_____	_____
TOTALS	_____	_____	_____	_____	_____	_____	_____

Previous Year Comparisons

		Produced Water	Water Sold
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____

Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____

Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____

WATER PRODUCTION REPORT

Calendar Year 19__
 (All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL 5) (WELL 23)		PIEMO BASIN (WELL 9) (WELL 10)		MONTH	YEAR
JAN	_____	_____	_____	_____	_____	_____	_____
FEB	_____	_____	_____	_____	_____	_____	_____
MAR	_____	_____	_____	_____	_____	_____	_____
Water Year Totals _____							
APR	_____	_____	_____	_____	_____	_____	_____
MAY	_____	_____	_____	_____	_____	_____	_____
JUN	_____	_____	_____	_____	_____	_____	_____
JUL	_____	_____	_____	_____	_____	_____	_____
AUG	_____	_____	_____	_____	_____	_____	_____
SEP	_____	_____	_____	_____	_____	_____	_____
OCT	_____	_____	_____	_____	_____	_____	_____
NOV	_____	_____	_____	_____	_____	_____	_____
DEC	_____	_____	_____	_____	_____	_____	_____
TOTALS	_____	_____	_____	_____	_____	_____	_____

Previous Year Comparisons

		Produced Water	Water Sold
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____

Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____

Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____

WATER PRODUCTION RECORD

Calendar Year 19__
 (All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL 8)	ARROYO GRANDE BASIN (WELL 9)	SIEMO BASIN (WELL 7)	SIEMO BASIN (WELL 10)	MONTH	YEAR
JAN	_____	_____	_____	_____	_____	_____	_____
FEB	_____	_____	_____	_____	_____	_____	_____
MAR	_____	_____	_____	_____	_____	_____	_____
Water Year Totals _____							
APR	_____	_____	_____	_____	_____	_____	_____
MAY	_____	_____	_____	_____	_____	_____	_____
JUN	_____	_____	_____	_____	_____	_____	_____
JUL	_____	_____	_____	_____	_____	_____	_____
AUG	_____	_____	_____	_____	_____	_____	_____
SEP	_____	_____	_____	_____	_____	_____	_____
OCT	_____	_____	_____	_____	_____	_____	_____
NOV	_____	_____	_____	_____	_____	_____	_____
DEC	_____	_____	_____	_____	_____	_____	_____
TOTALS	_____	_____	_____	_____	_____	_____	_____

Previous Year Comparisons

		Produced Water	Water Sold
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____

WATER PRODUCTION RECORDS

Calendar Year 19__

(All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARRAGO BRANCH BASIN (WELL 8) (WELL 9)		RISNO BASIN (WELL 7) (WELL 10)		MONTH	YEAR
JAN	_____	_____	_____	_____	_____	_____	_____
FEB	_____	_____	_____	_____	_____	_____	_____
MAR	_____	_____	_____	_____	_____	_____	_____
Water Year Totals _____							
APR	_____	_____	_____	_____	_____	_____	_____
MAY	_____	_____	_____	_____	_____	_____	_____
JUN	_____	_____	_____	_____	_____	_____	_____
JUL	_____	_____	_____	_____	_____	_____	_____
AUG	_____	_____	_____	_____	_____	_____	_____
SEP	_____	_____	_____	_____	_____	_____	_____
OCT	_____	_____	_____	_____	_____	_____	_____
NOV	_____	_____	_____	_____	_____	_____	_____
DEC	_____	_____	_____	_____	_____	_____	_____
TOTALS	_____	_____	_____	_____	_____	_____	_____

Previous Year Comparisons

		Produced Water	Water Sold
Water Year 19__ - 19__	_____	_____	_____
Water Year 19__ - 19__	_____	_____	_____
Water Year 19__ - 19__	_____	_____	_____
Fiscal Year 19__ - 19__	_____	_____	_____
Fiscal Year 19__ - 19__	_____	_____	_____
Fiscal Year 19__ - 19__	_____	_____	_____
Calendar Year 19__	_____	_____	_____
Calendar Year 19__	_____	_____	_____
Calendar Year 19__	_____	_____	_____

WATER PRODUCTION RECEIPTS

Calendar Year 19__
 (All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL 5) (WELL 23)		FISMO BASIN (WELL 9) (WELL 10)		MONTH	YEAR
JAN	_____	_____	_____	_____	_____	_____	_____
FEB	_____	_____	_____	_____	_____	_____	_____
MAR	_____	_____	_____	_____	_____	_____	_____
Water Year							
Totals _____							
APR	_____	_____	_____	_____	_____	_____	_____
MAY	_____	_____	_____	_____	_____	_____	_____
JUN	_____	_____	_____	_____	_____	_____	_____
JUL	_____	_____	ORIGINAL DO NOT USE	_____	_____	_____	_____
AUG	_____	_____	_____	_____	_____	_____	_____
SEP	_____	_____	_____	_____	_____	_____	_____
OCT	_____	_____	_____	_____	_____	_____	_____
NOV	_____	_____	_____	_____	_____	_____	_____
DEC	_____	_____	_____	_____	_____	_____	_____
TOTALS	_____	_____	_____	_____	_____	_____	_____

Previous Year Comparisons

		Produced Water	Water Sold
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____

Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____

Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____

EXHIBIT "A"
HISTORICAL PISMO BEACH WATER USE

	<u>Lopez Contract</u>	<u>Lopez Surplus</u>	<u>19.56% Pismo Share</u>	<u>Lopez Surplus Water Use</u>	<u>Total Lopez Use</u>	<u>Well # 5</u>	<u>Well # 9</u>	<u>Well # 10</u>	<u>Total Pismo Water Use</u>
71-72	886			-0-	718.0	-0-			718.0
72-73	886			-0-	789.2	2.0			791.2
73-74	886			-0-	822.8	7.0			829.8
74-75	886			-0-	823.0	349.0			857.9
75-76	886			76.9	962.9	212.6			1175.5
76-77	886			129.81	1015.81	153.46			1169.27
77-78	886			145.39	1031.39	40.59			1071.98
78-79	886			182.90	1068.90	89.73			1158.63
79-80	886			164.70	1050.87	64.46			1115.33
80-81	886			203.12	1089.12	40.51			1129.63
81-82	886			121.85	1007.85	171.66			1179.51
82-83	886			-0-	871.80	293.95			1165.75
83-84	886	1200	234.72	271.04*	1157.04	94.68			1251.72
84-85	886	1200	234.72	169.60*	1055.60	386.19			1460.12
85-86	886	500	97.8	320.75*	1206.75	245.88			1452.63
86-86	886	500	97.8	237.21*	1123.21	494.81			1618.02
87-88	886	1016.02	198.73	201.16**	1087.16	526.81	111.21	81.31	1806.49***
88-89	886	1621	317.07	255.12**	1141.12	545.51	112.81	136.18	1935.62***
89-90	886	1388.63	271.62						

*INDICATES USE OF LOPEZ SURPLUS WATER AND NEED FOR GREATER USE OF GROUND WATER.

**NEW METHOD AND YEAR ESTABLISHED FOR DETERMINING SURPLUS WHICH IS BASED UPON RAINFALL PRIOR TO MARCH 31ST AND DEPENDENT UPON PREVIOUS YEAR USAGE AND DOWNSTREAM RELEASES.

***HIGH AMOUNT IS PARTIALLY DUE TO ERRORS IN READING METERS AND DUE TO INCREASED WATER LINE LEAKAGE IN DOWNTOWN AREA AND IN SAFEWAY SHOPPING CENTER.

Water Year Total

Apr-89	120.96	41.85	5.18	9.79	177.78
May-89	129.11	21.60	22.26	30.45	203.42
Jun-89	125.37	37.39	9.55	11.26	183.57
Jul-89	116.16	63.16	23.05	28.63	230.99
Aug-89	107.08	63.16	25.19	30.86	226.29
Sep-89	75.95	45.34	24.32	27.95	173.56
Oct-89	73.35	42.97	19.45	13.08	148.85
Nov-89	68.89	42.49	21.76	25.83	158.97
Dec-89	68.31	37.60	24.73	24.11	154.75
	1164.75	486.74	190.94	222.4	2064.85

WATER PRODUCTION 1990

MONTH	LOPEZ DAM DELIVERY	WELL #5	WELL #9	WELL #10	MONTH
JANUARY - 90	57.90	26.57	25.25	22.87	132.59
FEBRUARY - 90	56.61	47.40	5.66	9.87	119.54
MARCH - 90	<u>67.18</u>	<u>36.88</u>	<u>21.57</u>	<u>18.60</u>	<u>144.23</u>
	<i>1066.74</i>	<i>506.71</i>	<i>227.97</i>	<i>253.30</i>	<i>2054.72</i>

Apr-89	120.96	41.85	5.18	9.79	177.78
May-89	129.11	21.60	22.26	30.45	203.42
Jun-89	125.37	37.39	9.55	11.26	183.57
Jul-89	116.16	63.16	23.05	28.63	230.99
Aug-89	107.08	63.16	25.19	30.86	226.29
Sep-89	75.95	45.34	24.32	27.95	173.56
Oct-89	73.35	42.97	19.45	13.08	148.85
Nov-89	68.89	42.49	21.76	25.83	158.97
Dec-89	68.31	37.60	24.73	24.11	154.75
	1164.75	486.74	190.94	222.4	2064.85

WATER PRODUCTION 1990

MONTH	LOPEZ DAM DELIVERY	WELL #5	WELL #9	WELL #10	MONTH
JANUARY	57.90	26.57	25.25	22.87	132.59
FEBRUARY	56.61	47.40	5.66	9.87	
MARCH	67.18	36.88	21.57	18.60	

Apr-89	120.96	41.85	5.18	9.79	177.78
May-89	129.11	21.60	22.26	30.45	203.42
Jun-89	125.37	37.39	9.55	11.26	183.57
Jul-89	116.16	63.16	23.05	28.63	230.99

CITY OF PISMO BEACH
 WATER PRODUCTION READINGS 1989 IN ACER FEET

MONTH	LOPEZ DAM DELIVERY	WELL #5	WELL #9	WELL #10	MONTH	YEAR TOTAL
Jan-89	105.47	31.53	0	0	137.00	* 137.00 *
Feb-89	80.76	24.12	3.19	4.14	112.21	* 249.12 *
Mar-89	93.34	35.53	12.26	16.30	157.46	* 406.58 *
Apr-89	120.96	41.85	5.18	9.79	177.78	* 584.36 *
May-89	129.11	21.60	22.26	30.45	203.42	* 791.78 *
Jun-89	125.37	37.39	9.55	11.26	183.57	* 975.35 *
Jul-89	116.16	63.16	23.05	28.63	230.99	* 1206.34 *
Aug-89	107.08	63.16	25.19	30.86	226.29	* 1432.63 *
Sep-89	75.95	45.34	24.32	27.95	173.56	* 1606.19 *
Oct-89	73.35	42.97	19.45	13.08	148.85	* 1755.04 *
Nov-89	68.89	42.49	21.76	25.83	158.97	* 1914.01 *
Dec-89	78.31	37.60	24.73	24.11	159.75	* 2068.11 *

1,169.75
 48.74
 190.94
 222.40

456
 110
 110
 110

CITY OF PISMO BEACH
 WATER PRODUCTION 1989 - ACER FEET

MONTH	LOPEZ DAM DELIVERY	WELL #5	WELL #9	WELL#10	MONTH	YEAR TOTAL
Jan-89	105.47	31.53	0	0	137.00	* 137.00 *
Feb-89	80.76	24.12	3.19	4.14	112.21	* 249.12 *
Mar-89	93.34	35.53	12.26	16.30	157.46	* 406.67 *
Apr-89	120.96	41.85	5.18	9.79	177.78	* 584.45 *
May-89	129.11	21.60	22.26	30.45	203.42	* 787.87 *
Jun-89	125.37	37.39	9.55	11.26	183.57	* 971.44 *
Jul-89	116.16	63.16	23.05	28.63	230.99	* 1202.43 *
Aug-89	107.08	63.16	25.19	30.86	226.29	* 1428.72 *
Sep-89	75.95	45.34	24.32	27.95	173.56	* 1602.28 *
Oct-89	73.35	42.97	19.45	13.08	148.85	* 1751.13 *
Nov-89	68.89	42.49	21.76	25.83	158.97	* 1910.10 *
Dec-89	68.31	37.60	24.73	24.11	154.75	2064.85 *
TOTAL	1164.75	486.74	190.94	222.40	2064.85	

Totals in Acre feet

MONTH	LOPEZ DAM DELIVERY	WELL #5	WELL #9	WELL #10	Total PROD
Jan-89	105.47	31.53	0	0	
Feb-89	80.76	24.12	3.19	4.14	
Mar-89	93.34	35.53	12.26	16.30	
Apr-89	120.96	41.85	5.18	9.79	
May-89	129.11	21.60	22.26	30.45	
Jun-89	125.37	37.39	9.55	11.26	
Jul-89	116.16	63.16	23.05	28.63	
Aug-89	107.08	63.16	25.19	30.86	
Sep-89	75.95	45.34	24.32	27.95	
Oct-89	73.35	42.97	19.45	13.08	
Nov-89	68.89	42.49	21.76	25.83	
Dec-89	68.31	37.60	24.73	24.11	
JANUARY	57.90	26.57	25.25	22.87	
FEBRUARY	56.61	47.40	5.66	9.87	

11 month total: 999.69 469.53 206.40 234.70 1910.3

Jim A.
has copy
3/12/90

allotment

$$886 \text{ acre ft/yr} \div 12 = 74 \text{ acre ft/mo}$$

Surplus

$$1388.6 \text{ acre feet/yr} \div 12 = 115 \text{ acre ft/mo}$$

1989-90 - 11 month average = 91 acre ft/mo LOPEZ
based entirely on this figure we would use
1092 acre feet for 90-91 (12mo)

x 52% of Pismo Beach water from April 1, 1989
to March 1, 1990 came from Lopez Lake

MONTH		LOPEZ DAM DELIVERY	WELL #5	WELL #9	WELL#10	MONTH	1988 TOTAL MONTH
Jan-89		105.47	31.53	0	0	137.00	122.11
Feb-89		80.76	24.12	3.19	4.14	112.21	132.60
Mar-89		93.34	35.53	12.26	16.30	157.46	159.84
WATER YEAR TOTALS		114.12	545.51	112.81	136.18		
*****	MGD	*****					
Apr-89	1.32	120.96	41.85	5.18	9.79	177.78	171.85
May-89	1.36	129.11	21.60	22.26	30.45	203.42	154.47
Jun-89	1.34	125.37	37.39	9.55	11.26	183.57	174.40
Jul-89	1.22	116.16	36.16	23.05	28.63	230.99	194.16
Aug-89	1.12	107.08	36.16	25.19	30.86	226.29	208.32
Sep-89							173.58
Oct-89							169.38
Nov-89							156.34
Dec-89							126.41

509 5116

WATER PRODUCTION RECORDS

Calendar Year 1989

(All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9)	PISMO BASIN (Well #10)	MONTH	WATER YEAR	LAST YEAR 19 <u>8</u>
January	105.47	31.53	0	0	137.00	1660.95	122.11
February	80.70	24.12	3.19	4.14	112.21	1773.16	132.60
March	93.34	35.56	12.26	16.30	157.46	1930.62	159.84
						406.67	111.5
Water Year Totals	1141.12	545.51	112.81	136.18		1935.62	1806.49
						255.12	
						1157.62	1157.62
<i>AVAIL @ 24 HRS/DA</i>							
April	120.96	1.34	4.85	5.18	9.79	177.78	177.78
May	129.11	1.34	21.6*	22.26*	30.15*	203.42	381.20
June	125.37	1.34	37.39*	9.55*	11.26*	183.57	564.77
July	116.16	1.22	63.16	23.05	28.63	230.99	795.76
August	107.68	1.12	63.16	25.19	30.86	226.29	1072.05
September							173.58
October							169.38
November							156.30
December							126.41
CALENDAR YEAR TOTALS							

AVAIL THIS YEAR

96.46
69.25
24.63
33.70

* The readings in May included 9 days in June

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
<hr/>		
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
<hr/>		
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____

831

60 x 12 = 720
700

10-1-88 12008500
8-31-88 1,828,700

(8-31) 179,800 gal
(10-1) .55 AF

#10

#10

11
10-31 16 443100
10-1 12 008500

- 4434600
13.61 AF

#10 1988

11-29 22,239.50
10-31 16,443100

5796400
17.78 AF

11-29 77 036700
10-31 74 286600

#9 1989

2750100

#9 22.73 AF

7407300

10-1 88 68 509 700
8-31 88 61 102 400

10-31-88 74 286600
10-1-88 ~~14911600~~
68 509 700

5776900 540

17.729 AF

#9

Monthly Plant Flow 1988

	Wastewater		
Jan	21,129,900 +9,209,000	39,786,955	
Feb	21,415,900 +9,469,000	43,204,899	
March	25,726,800 23,388,000	52,080,475	
April	25,881,900 23,529,000	55,993,679	
May	25,165,800 22,878,000	50,333,300 154,472 ft.	
June	27,277,000	* 56,824,542 new meter	
July	36,797,000	63,262,920	
Aug	37,209,000	67,876,656	
Sept	31,442,000	56,557,363	
Oct	30,760,000	55,188,882	
Nov	29,832,000	50,940,075	

$$1 \text{ AFX } 43560 \frac{\text{ft}^2}{\text{Ac}} \times 7.48 \frac{\text{gal}}{\text{ft}^3} = 325,828.8$$

114.23

114.47

114.76

WATER PRODUCTION RECORDS

Calendar Year 1988

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9)	PISMO BASIN (Well #10)	MONTH	WATER YEAR	Last Year
January	805.95 <u>95.21</u>	443.10 <u>12.33</u>	77.57 <u>10.63</u>	65.32 <u>3.94</u>	122.11	1514.05	1419.94
February	<u>96.35</u>	<u>22.77</u>	<u>8.92</u>	<u>4.56</u>	132.60	1646.65	1518.11
March	<u>89.65</u>	<u>48.61</u>	<u>14.09</u>	<u>7.49</u>	159.84	1806.49	1618.02

Water Year Totals	<u>1087.16</u>	<u>526.81</u>	<u>111.21</u>	<u>81.31</u>		<u>1806.49</u>	1618.02

Avail from Lopez	1203.09						
April	<u>81.86</u>	<u>52.29</u>	<u>9.82</u>	<u>27.83</u>	171.85	171.85	134.7
May	<u>83.08</u>	<u>65.16</u>	<u>30.64</u>	<u>40.35</u>	219.23	391.08	292.14
June	<u>93.00</u>	<u>54.93</u>	<u>5.90</u>	<u>20.57</u>	174.40	565.48	472.88
July	<u>98.82</u>	<u>56.55</u>	<u>21.79</u>	<u>17.00</u>	194.16	759.64	661.56
August	<u>121.39</u>	<u>59.44</u>	<u>8.18</u>	<u>19.31</u>	208.32	967.96	853.54
To Date Total	478.15	288.37					
September	<u>39.74</u>	<u>41.2%</u>					
October	-----	-----	-----	-----	-----	-----	-----
November	-----	-----	-----	-----	-----	-----	-----
December	-----	-----	-----	-----	-----	-----	-----

CALENDAR YR TOTALS	-----	-----	-----	-----	-----	-----	-----

Normal
41.67%

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>87</u> - 19 <u>87</u>	1806.49	-----
Water Year 19 <u>86</u> - 19 <u>86</u>	1618.02	-----
Water Year 19 <u>85</u> - 19 <u>85</u>	1452.63	-----

Fiscal Year 19 <u> </u> - 19 <u> </u>	-----	-----
Fiscal Year 19 <u> </u> - 19 <u> </u>	-----	-----
Fiscal Year 19 <u> </u> - 19 <u> </u>	-----	-----

Calendar Year 19 <u>87</u>	1699.62	-----
Calendar Year 19 <u>86</u>	1597.20	-----
Calendar Year 19 <u>85</u>	1435.52	-----

WATER PRODUCTION RECORDS
1998

MONTH	STATE & LOPEZ DAM DELIVERY	STATE WATER DELIVERY	ARROYO GRANDE BASIN WELL 5	WELL 23	A.F. TOTALS MONTH	% LOPEZ USE
JAN	94.42	67	5.2	8.89	175.51	53.80
FEB	97.31	62	8.34	2.11	169.76	57.32
MAR	103.41	62	4.75	5.08	175.22	59.02
1997 WATER YEAR TOTALS	1409.51	611.26	251.18	321.9	1982.54	71.10
APRIL	105.7	82	15.27	9.16	212.13	49.83
MAY	127.22	88	18.07	7.84	241.13	52.76
JUN	128.56	109	22.17	38.85	298.58	43.06
JULY	123.75	129	47.13	53.22	353.1	35.05
AUG	136.81	129	35.71	60.36	361.88	37.81
SEPT	121.81	109	30.32	39.81	300.94	40.48
OCT	116.13	93	19.35	6.17	234.65	49.49
NOV	67.42	83	2.75	4.83	158	42.67
DEC	62.58	72	2.27	11.72	148.57	42.12
98 WATER YEAR SUBTOTAL	989.98	894.00	193.04	231.96	2308.98	42.88
CALENDAR YEAR TOTALS	1285.12	1085	211.33	248.02	2829.47	45.42

WATER USEAGE COMPARISONS

WATER YEAR '96-97	1954.00	CALENDAR YEAR 1997	2056.15
WATER YEAR '95-96	1848.88	CALENDAR YEAR 1996	1901.46
WATER YEAR '94-95	1778.33	CALENDAR YEAR 1995	1801.49
WATER YEAR '93-94	1876.64	CALENDAR YEAR 1994	1819.11
WATER YEAR 92-93	1819.78	CALENDAR YEAR 1993	1844.36
WATER YEAR 91-92	1793.65	CALENDAR YEAR 1992	1835.54
WATER YEAR 90-91	1945.44	CALENDAR YEAR 1991	1812.56
WATER YEAR 89-90	2054.54	CALENDAR YEAR 1990	1994.84

1/99 TPG

395.51
4072.68
767.5 AF
798.2

324,335.130
193,121.000
121,214.130
131,214.130
~~371.99~~
~~402.68~~
~~372.77~~

33615.002
16,386,720
17,228,282
395.51 AF

Deborah @ JWA

798.188

395,507 ~~AF~~
402.681

193,121,000
~~324,335,130~~
324,335,130

2/1/95
16,386,720
~~17,228,282~~
33615,002

July 95
June 96

292

138



City of Pismo Beach
Public Services Department

MEMORANDUM

TO: Mike Fuson, City Manager
FROM: Dennis Delzeit, Public Services Director/City Engineer *Dennis*
DATE: May 1, 1998
SUBJECT: Water Production Records for 1997

Attached is a copy of a report prepared by Tina Grietens. It provides statistical information regarding water production in the City's water system. During 1997 (calendar year), the City's total water production was 2,056 acre feet. The previous year the figure was 1,901 acre feet. The attachment shows delivery from various sources of water from the City's system. The County is currently unable to provide figures on how much State Water was purchased. Our rough estimate is approximately 417 acre feet. However, the County is working on a method to provide more precise figures. It should also be noted that we began receiving State Water on August 27, 1997.

RDD:njh

Attachment

cc: Dan Daniels
Rocky Rogers
Larry Versaw

From the desk of...

R. Dennis Delzeit
Director of Public Services/City Engineer
City of Pismo Beach
760 Mattie Rd.
Pismo Beach, CA 93449
Phone: (805) 773-4656
Voice Mail: (805) 473-5345
Fax: (805) 773-4684

WATER PRODUCTION RECORDS
1997

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN WELL 5	WELL 23	A.F. TOTALS MONTH	% LOPEZ USE	
JAN	63.73	0.00	48.15	111.88	57.00	
FEB	46.99	21.25	50.13	118.37	40.00	
MAR	77.76	43.19	51.84	172.79	45.00	
APRIL	100.41	15.50	42.30	158.21	63.00	
MAY	116.47	37.40	48.43	202.30	57.50	
JUN	105.37	46.93	50.75	203.50	52.00	
JULY	118.13	28.72	75.28	222.13	53.00	
AUG *	135.76	58.10	34.63	228.49	59.00	
SEPT	141.35	33.10	24.70	199.15	71.00	
OCT	173.95	8.80	15.61	198.36	88.00	
NOV	127.93	3.70	4.70	136.33	93.80	
DEC	95.01	0.64	9.44	105.09	90.40	
CALENDAR YEAR TOTALS	1302.86 ***	297.33	Total A.G. basin 753.29	455.96	2056.15	68.89

* Receipt of State Water began on 8/27/97

*** Total of Lopez delivery is a combination of Lopez Lake water and State Water.

Currently (4/98) the County of San Luis Obispo is unable to provide figures on how much State Water was purchased. Our rough estimate is $1302.86 - 886 = 416.86$ Acre Feet.

WATER USAGE COMPARISONS

WATER YEAR '96-97	1954.00	CALENDAR YEAR 1997	2056.15
WATER YEAR '95-96	1848.86	CALENDAR YEAR 1996	1901.46
WATER YEAR '94-95	1778.33	CALENDAR YEAR 1995	1801.49
WATER YEAR '93-94	1876.64	CALENDAR YEAR 1994	1819.11
WATER YEAR 92-93	1819.78	CALENDAR YEAR 1993	1844.36
WATER YEAR 91-92	1793.65	CALENDAR YEAR 1992	1835.54
WATER YEAR 90-91	1945.44	CALENDAR YEAR 1991	1812.56

WATER PRODUCTION RECORDS

Water year

922.91

Calendar Year 1997

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN WELL 5	WELL 23	MONTH	YEAR	% LOPEZ USE	water year
JAN	<u>63.73</u>	<u>∅</u>	<u>48.15</u>	<u>111.88</u>	<u>111.88</u>	<u>57%</u>	<u>1662.8</u>
FEB	<u>46.99</u>	<u>21.25</u>	<u>50.13</u>	<u>118.37</u>	<u>230.25</u>	<u>40%</u>	<u>1781.2</u>
MAR	<u>77.76</u>	<u>43.19</u>	<u>51.84</u>	<u>172.79</u>	<u>403.04</u>	<u>46%</u>	<u>1953.99</u>
APR	<u>100.41</u>	<u>15.5</u>	<u>42.3</u>	<u>158.21</u>	<u>561.25</u>	<u>63%</u>	<u>158.21</u>
MAY	<u> </u>	<u>37.4</u>	<u>48.43</u>	<u>202.3</u>	<u>763.55</u>	<u>57.5%</u>	<u>360.51</u>
JUN	<u>105.37</u>	<u>46.93</u>	<u>50.75</u>	<u>203.05</u>	<u>966.6</u>	<u>52%</u>	<u>563.56</u>
JULY	<u>118.13</u>	<u>28.72</u>	<u>75.28</u>	<u>222.13</u>	<u>1188.73</u>	<u>53%</u>	<u>785.6°</u>
AUG	<u>135.76</u>	<u>58.1</u>	<u>34.63</u>	<u>228.49</u>	<u>1417.22</u>	<u>59%</u>	<u>1014.18</u>
SEPT	<u>141.35</u>	<u>33.1</u>	<u>24.7</u>	<u>199.15</u>	<u>1616.37</u>	<u>71%</u>	<u>1213.3°</u>
OCT	<u>173.95</u>	<u>8.8</u>	<u>15.61</u>	<u>198.36</u>	<u>1814.73</u>	<u>88%</u>	<u>1411.2</u>
NOV	<u>127.93</u>	<u>3.7</u>	<u>4.7</u>	<u>136.33</u>	<u>1951.06</u>	<u>93.8%</u>	<u>1548.02</u>
DEC	<u>95.01</u>	<u>0.635</u>	<u>9.44</u>	<u>105.09</u>	<u>2056.14</u>	<u>90.4%</u>	<u>1653.11</u>

WATER YEAR	<u>1111.39</u>	<u>415.99</u>	<u>426.59</u>	Lopez = 57%	TOTAL	1954AF
96-97 surplus	<u>215AF</u>					
CALENDAR YEAR	<u>1302.86</u>	<u>297.33</u>	<u>455.41</u>		<u>2055.6</u>	

PREVIOUS YEAR COMPARISONS

WATER YEAR	_____	_____	CALENDAR YEAR	_____	_____
WATER YEAR	_____	_____	CALENDAR YEAR	_____	_____
WATER YEAR	_____	_____	CALENDAR YEAR	_____	_____
WATER YEAR	_____	_____	CALENDAR YEAR	_____	_____
WATER YEAR	_____	_____	CALENDAR YEAR	_____	_____
WATER YEAR	_____	_____	CALENDAR YEAR	_____	_____

WATER PRODUCTION RECORDS
1996

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN WELL 5	WELL 23	TOTALS MONTH	% LOPEZ USE
JAN	84.15	11.28	25.2	120.63	0.70
FEB	80.18	13.79	9.86	103.83	0.77
MAR	98.45	19.32	8.3	126.07	0.78
1995 WATER YEAR TOTALS	1148.11	316.49	384.26	1848.86	0.62
APRIL	106.67	40.15	21.47	168.29	0.63
MAY	109.71	38.6	42.77	191.08	0.57
JUN	99.24	49.12	36.2	184.56	0.54
JULY	113	58.8	38.6	210.4	0.54
AUG	119.9	36.27	59.45	215.62	0.56
SEPT	101.89	42.08	28.79	172.76	0.59
OCT	109.18	55.1	4.09	168.37	0.65
NOV	113.25	20.22	3.32	136.79	0.83
DEC	50.07	11.21	41.78	103.06	0.49
96 WATER YEAR SUBTOTAL	922.91	351.55	276.47	1550.93	0.60
CALENDAR YEAR TOTALS	1185.69	395.94	319.83	1901.46	0.62

PREVIOUS YEAR COMPARISONS

WATER YEAR '94-95	1778.33	CALENDAR YEAR 1995	1801.49
WATER YEAR '93-94	1876.64	CALENDAR YEAR 1994	1819.11
WATER YEAR 92-93	1819.78	CALENDAR YEAR 1993	1844.36
WATER YEAR 91-92	1793.65	CALENDAR YEAR 1992	1835.54
WATER YEAR 90-91	1945.44	CALENDAR YEAR 1991	1812.56
WATER YEAR 89-90	2054.54	CALENDAR YEAR 1990	1994.84

2/97 TPG

WATER PRODUCTION RECEIPTS

Calendar Year 1996

All figures shown are in state feet

MONTH	LOPEZ DAM	ARRAGO BRANDE BASIN		FIEND BASIN		MONTH YEAR	
	DELIVERY	(WELL 5)	(WELL 6)	(WELL 9)	(WELL 10)		
							1497.73
JAN	84.15	11.28	25.20	—	—	120.63	1618.36
FEB	80.78	13.79	9.86	—	—	104.43	1722.79
MAR	98.45	19.32	8.30	—	—	126.07	1848.86
Water Year Totals	1148.11	316.49	384.26	—	—	—	1848.86
APR	106.67	40.15	21.47	—	—	168.29	168.29
MAY	109.71	38.6	40.77	—	—	191.08	359.37
JUN	99.24	49.12	2.3	—	—	184.56	543.93
JUL	13.0	58.8	38.6	—	—	210.40	754.33
AUG	119.9	36.27	52.45	—	—	215.62	969.95
SEP	101.89	42.08	28.79	—	—	172.76	1142.71
OCT	109.18	55.10	4.09	—	—	168.37	1311.08
NOV	113.25	20.22	3.32	—	—	136.79	1447.81
DEC	50.07	11.21	41.78	—	—	103.06	1550.93
Water year -	922.91	351.55	246.47	—	—	—	—
TOTALS	—	—	—	—	—	1901.46	—

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____

WATER PRODUCTION RECORD

Calendar Year 1995

All figures shown are in acre feet

MONTH	LOPEZ DAM DELMARY	ARROYO GRANDE BASIN WELL 5) WELL 8)	FRIEND BASIN (WELL 9) (WELL 10)	MONTH	TOTAL
				FEB	1474.59
JAN	<u>72.84</u>	<u>12.02</u> <u>10.22</u>	— —	95.08	1569.67
FEB	<u>83.64</u>	<u>1.86</u> <u>20.15</u>	— —	105.65	1675.32
MAR	<u>85.30</u>	<u>13.44</u> <u>4.29</u>	— —	103.03	1778.35
		<u>4.27</u> <u>17.73</u>			
Water Year Totals	<u>1214.39</u>	<u>308.73</u> <u>255.21</u>	— —		1778.33
		563.94		Lopez = 68%	of water
APR	<u>106.83</u>	<u>12.45</u> <u>30.67</u>	— —	71% 147	149.95
MAY	<u>113.44</u>	<u>14.24</u> <u>20.56</u>	— —	77% 148.24	298.19
JUN	<u>111.17</u>	<u>22.15</u> <u>30.81</u>	— —	69% Lopez 159.74	457.93
JUL	<u>119.24</u>	<u>50.02</u> <u>42.24</u>	— —	56% Lopez 211.50	669.43
AUG		<u>43.64</u> <u>42.82</u>	— —	57% Lopez 202.20	871.63
SEP	<u>79.60</u>	<u>49.58</u> ⁻¹²⁸² <u>53.24</u>	— —	41% Lopez 182.42	1054.05
OCT	<u>74.90</u>	<u>42.81</u> <u>59.76</u>	— —	177.47	1231.52
NOV	<u>78.34</u>	<u>36.75</u> <u>23.67</u>	— —	138.76	1370.28
DEC	<u>0.00</u>	<u>0.46</u> <u>36.13</u>	— —	127.45	1497.7
TOTALS	<u>1126.51</u>	<u>299.42</u> <u>375.56</u>	— —		1801.49
	Calendar year				

674.98 = 675.0
Previous Year Comparisons

587,126,000 gal
8294700 (11/95)

Produced Water

Water Sold 707849 gpy per

Water Year 19__ - 19__
Water Year 19__ - 19__
Water Year 19__ - 19__

Fiscal Year 19__ - 19__
Fiscal Year 19__ - 19__
Fiscal Year 19__ - 19__

Calendar Year 19__
Calendar Year 19__
Calendar Year 19__

194 gpd

WATER PRODUCTION RECORD

Calendar Year 1994
 (All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL 8)	(WELL 9)	PIEMO BASIN (WELL 9)	(WELL 10)	MONTH	YEAR					
	947.38	304.82	279.9				1532.10					
JAN	94.74	14.85	6.26			115.85	1647.95					
FEB	86.34	6.88	5.59			98.81	1746.76					
MAR	114.00	11.30	4.58			129.88	1876.64					
Water Year Totals							1242.46	337.85	296.33			1876.64
APR	122.34	14.15	13.4			149.89	149.89					
MAY	105.43	19.75	26.6			151.78	301.65					
JUN	108.37	27.69	56.6			192.66	494.35					
JUL	121.64	47.15	36.1			204.89	699.2					
AUG	106.22	56.9	41.2			204.32	903.5					
SEP	103.51	47.34	16.5			167.35	1070.9					
OCT	104.27	33.87	11.50			149.64	1220.5					
NOV	101.67	21.86	6.15			129.68	1350.23					
DEC	99.16	12.70	12.50			124.36	1474.5					
calendar year TOTALS							1267.69	314.44	256.98			1819.11

Water yr as of 12/31/94

lopez = 70% of our water (0.69687)

551.42 AG BASIN
 Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>93</u> - 19 <u>94</u>	1876.64	
Water Year 19 <u>92</u> - 19 <u>93</u>	1819.78	
Water Year 19 <u>91</u> - 19 <u>92</u>	1793.65	
Fiscal Year 19__ - 19__		
Fiscal Year 19__ - 19__		
Fiscal Year 19__ - 19__		
Calendar Year 19 <u>93</u>	1844.36	
Calendar Year 19 <u>92</u>	1835.54	
Calendar Year 19 <u>91</u>	1812.56	
19 <u>90</u>	1994.79	

WATER PRODUCTION FEET/FEET

Calendar Year 1993

(All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL B)	(WELL B3)	FISMO BASIN (WELL P)	(WELL 10)	MONTH	FEET
lopez water yr	816.25	420.2	228.8			lopez	1507.50
JAN	68.17	27.9	0.81	∅	∅	70%	96.88 1604.4
FEB	70.32	2.3	21.4	∅	∅	75%	94.02 1698.4
MAR	115.60	∅	5.76	∅	∅	45%	121.36 1819.78
water Year Totals	1070.34	450.4	256.71	26.19	16.0	59%	1819.78
APR	115.08	3.2	33.8	∅	∅	95%	152.08 152.0
MAY	116.73	69.69	8.7	∅	∅	60%	195.12 347.2
JUN	100.97	51.0	29.0	∅	∅	56%	180.97 528.17
JUL	111.44	72.0	26.0	∅	∅	53%	209.44 737.6
AUG	103.17	48.6	43.0	∅	∅	53%	194.77 932.3
SEP	103.18	21.9	52.2	∅	∅	58%	177.28 1109.66
OCT	102.30	0.03	57.9	∅	∅	60%	160.23 1269.89
NOV	93.37	21.4	24.2	∅	∅	58%	138.97 1408.86
DEC	101.14	17.0	5.1	∅	∅	80%	123.24 1532.1
Calendar year TOTALS	1201.47	335.02	307.87				1844.36

Water yr 947.38 304.82 279.9 1532.10
 as of Dec 31 1993

Previous Year Comparisons
 584.72 Water yr. total from A.G. Basin
 Produced Water Water Sold

Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____

WATER PRODUCTION RECORD

Calendar Year 1992
(All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN		PISMO BASIN		MONTH	YEAR
	(WELL 5)	(WELL 22)	(WELL 9)	(WELL 10)			
LOPEZ yr →	694.94	397.27	92.5	15.2	140.65	10/22	1465.6 us
JAN	46.75	21.0	0.36	17.4	27.0	42%	112.51
FEB	76.44	31.7	0.0	0.0	0.7	70%	108.84
MAR	75.45	31.26	0.0	0	0	71%	106.71
Water Year Totals	893.58	481.23	92.86	157.6	168.35		1793.65
APR	89.03	39.24	4.75	14.49	16.07	58%	163.58
MAY	115.58	56.71	4.75	11.70	Ø	69%	188.74
JUN	108.38	60.41	4.98	Ø	Ø	62%	173.77
JUL	103.73	45.06	43.5	Ø	Ø	54%	192.3
AUG	99.20	9.6	93.1	Ø	Ø	47%	201.9
SEP	31.44	42.9	47.6	Ø	Ø	47%	171.94
OCT	78.56	61.5	20.9	Ø	Ø	49%	160.96
NOV	88.82	48.9	1.67	Ø	Ø	64%	139.39
DEC	51.51	55.9	7.50	Ø	Ø	47%	114.91
Calendar TOTALS year	1014.89	504.18	229.11	43.59	43.77	10/22	1835.54

733.29 Calendar yr → AG Basin

Previous Year Comparisons

		Produced Water	Water Sold
(end of yr)	Lopez total	1793.65	
(water yr)	816.25	1945.74	
LOPEZ	694.94	2054.54	
last yr		1435.62	
this time			
Water Year	1990 - 1991		
Water Year	1989 - 1990		
Water Year	1988 - 1989		
	87 88		
Fiscal Year	19__ - 19__		
Fiscal Year	19__ - 19__		
Fiscal Year	19__ - 19__		
Calendar Year	1991	1812.56	
Calendar Year	1990	1994.79	
Calendar Year	1989	2064.85	

WATER PRODUCTION RECORDS

Calendar Year 1991
(All figures shown are in acre feet)

Lopez total	MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL 5) (WELL 23)	PISMO BASIN (WELL 9) (WELL 10)	MONTH	Lopez YEAR
81.86	JAN	15.27	31.27	6.14	7.93	171.13
893.12	FEB	81.26	53.76	2.3	5.21	123.57
	MAR	48.45	53.76	0	0.05	102.26
<hr/>						
Water Year Totals		741.57	587.26	2.3	21.86	1945.4
<hr/>						
	APR	67.66	57.8	6.6	0	132.22
	MAY	84.33		1	22.0	167.16
	JUN	82.88	56.6	17.5	12.80	187.93
	JUL	86.80	39.7	26.76	22.1	189.2
	AUG	90.90	32.2	20.56	32.76	201.92
	SEP	75.42	42.9	2.11	20.33	160.56
	OCT	75.56	59.8	10.5	0	145.86
	NOV	74.31	27.41	6.51	22.21	149.68
	DEC	57.08	20.86	0.96	29.02	129.58

Calendar yr TOTALS 899.74 513.46 94.8 150.6 153.92 1812.56

Water yr 694.94 397.27 92.5 140.2 140.65

Previous Year Comparisons
489.77 water yr. total - A.G. Basin

	Produced Water	Water Sold
Water Year 1989 - 1990	1949.44	
Water Year 1989 - 1989	1935.62	
Water Year 1987 - 1988	1806.49	
Fiscal Year 19__ - 19__		
Fiscal Year 19__ - 19__		
Fiscal Year 19__ - 19__		
Calendar Year 1990		
Calendar Year 1989		
Calendar Year 1988		

WATER PRODUCTION RECORDS

Calendar Year 19 75

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9) (Well #10)	MONTH	WATER YEAR
January	<u>51.7</u>	<u>210.1</u>	<u>25.25</u> <u>22.81</u>	<u>132.51</u>	<u>132.51</u>
February	<u>56.61</u>	<u> </u>	<u> </u>	<u>112.54</u>	<u>312.08</u>
March	<u>66.18</u>	<u> </u>	<u>26.7</u> <u>18.6</u>	<u>144.23</u>	<u>396.31</u>

Water Year Totals	<u>106.27</u>	<u> </u>	<u>227.97</u> <u>253.30</u>	<u>2054.54</u>	

April	<u>79.94</u>	<u>41.66</u>	<u>29.47</u> <u>22.72</u>	<u>174.49</u>	<u>570.8</u>	
May	<u>*78.88</u>	<u>47.68</u>	<u>30.27</u> <u>23.76</u>	<u>180.29</u>	<u>751.59</u>	<u>101.91</u> <u>43</u>
June	<u>83.81</u>	<u>57.23</u>	<u>2.43</u> <u>24.75</u>	<u>198.27</u>	<u>949.86</u>	
July	<u>95.20</u>	<u>52.51</u>	<u>20.22</u> <u>25.33</u>	<u>207.26</u>	<u>1157.12</u>	
August	<u>92.2</u>	<u>59.22</u>	<u>23.62</u> <u>22.3</u>	<u>177.51</u>	<u>1541.66</u>	<u>101.74</u> <u>31</u>
September	<u>76.31</u>	<u>51.84</u>	<u>25.39</u> <u>24.7</u>	<u>178.84</u>	<u>1531.0</u>	
October	<u>82.37</u>	<u>43.69</u>	<u>20.91</u> <u>19.42</u>	<u>166.39</u>	<u>1701.89</u>	<u>84.32</u> <u>53</u>
November	<u> </u>	<u>53.8</u>	<u>8.6</u> <u>9.91</u>	<u> </u>	<u>850.77</u>	<u>72.31</u>
December	<u>71.58</u>	<u>55.44</u>	<u>7.8</u> <u>9.20</u>	<u>144.2</u>	<u>1794.79</u>	

CALENDAR YR. TOTALS	<u>918.55</u>	<u> </u>	<u> </u> <u>143</u>	<u>1794.84</u>		<u>46</u>

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u> 75 </u> - 19 <u> 74 </u>	<u>135.62</u>	_____
Water Year 19 <u> 74 </u> - 19 <u> 73 </u>	_____	_____
Water Year 19 <u> 73 </u> - 19 <u> 72 </u>	_____	_____

July-June Fiscal Year 19 <u> 75 </u> - 19 <u> 74 </u>	_____	_____
Fiscal Year 19 <u> 74 </u> - 19 <u> 73 </u>	_____	_____
Fiscal Year 19 <u> 73 </u> - 19 <u> 72 </u>	_____	_____

Calendar Year 19 <u> 75 </u>	<u>135.62</u>	_____
Calendar Year 19 <u> 74 </u>	<u> </u> <u>50</u>	_____
Calendar Year 19 <u> 73 </u>	<u> </u> <u>5.54</u>	_____

WATER PRODUCTION RECORDS

Calendar Year 19 89

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9)	PISMO BASIN (Well #10)	MONTH	WATER YEAR	Total
January	<u>105.67</u>	<u>31.53</u>	<u>0</u>	<u>0</u>	<u>137.00</u>	<u>1600.45</u>	122.1'
February	<u>50.76</u>	<u>24.12</u>	<u>3.19</u>	<u>4.14</u>	<u>112.21</u>	<u>1773.0</u>	132.60
March	<u>93.34</u>	<u>35.56</u>	<u>12.26</u>	<u>16.30</u>	<u>157.46</u>	<u>1930.62</u>	159.2'

Water Year Totals	<u>1121.12</u>	<u>525.51</u>	<u>112.81</u>	<u>136.18</u>		<u>1935.62</u>	150.0'

1157.62 AVAILABLE TO 15 YEAR @ 24 HRS. 96.46 69.25 24.63 33.70							
April	<u>120.76</u>	<u>21.85</u>	<u>5.13</u>	<u>9.79</u>	<u>177.78</u>	<u>177.78</u>	151.85
May	<u>107.11</u>	<u>21.6*</u>	<u>22.26*</u>	<u>30.5*</u>	<u>203.42</u>	<u>381.20</u>	154.07
June	<u>125.37</u>	<u>37.39*</u>	<u>9.55*</u>	<u>11.26*</u>	<u>183.57</u>	<u>564.77</u>	174.40
July	<u>116.16</u>	<u>63.10</u>	<u>23.03</u>	<u>23.63</u>	<u>130.99</u>	<u>795.76</u>	194.10
August	<u>107.69</u>	<u>53.16</u>	<u>27.19</u>	<u>30.40</u>	<u>218.39</u>	<u>1022.05</u>	108.30
September	<u>75.45</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>173.56</u>	<u>1175.0</u>	173.58
October	<u>3.55</u>	<u>42.97</u>	<u>19.45</u>	<u>13.08*</u>	<u>142.15</u>	<u>1344.46</u>	100.00
November	<u>0.04</u>	<u>42.49</u>	<u>21.76</u>	<u>25.83</u>	<u>115.97</u>	<u>1503.43</u>	150.00
December	<u>68.31</u>	<u>37.60</u>	<u>24.73</u>	<u>24.11</u>	<u>136.75</u>	<u>1658.18</u>	123.00
CALENDAR YEAR TOTALS	<u>1164.75</u>	<u>483.77</u>	<u>190.94</u>	<u>223.40</u>	<u>2064.85</u>		

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____

Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____

Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____

WATER PRODUCTION RECORDS

Calendar Year 19⁸⁸

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9)	PISMO BASIN (Well #10)	MONTH	WATER YEAR
January	<u>95.21</u>	<u>12.33</u>	<u>10.63</u>	<u>3.94</u>	<u>122.11</u>	<u>1514.05</u>
February	<u>96.35</u>	<u>22.77</u>	<u>8.92</u>	<u>4.56</u>	<u>132.60</u>	<u>1646.65</u>
March	<u>89.65</u>	<u>48.61</u>	<u>14.09</u>	<u>7.49</u>	<u>159.84</u>	<u>1806.49</u>

Water Year Totals	<u>1087.16</u> <i>201.16</i>	<u>526.81</u>	<u>111.21</u>	<u>81.31</u>		<u>1806.49</u>

April	<u>81.86</u>	<u>52.29</u>	<u>9.82</u>	<u>27.38</u>	<u>171.85</u>	<u>171.85</u>
May	<u>83.08</u>	<u>65.16</u>	<u>2.49</u>	<u>3.74</u>	<u>154.47</u>	<u>326.32</u>
June	<u>93.00</u>	<u>54.93</u>	<u>5.90</u>	<u>20.57</u>	<u>174.40</u>	<u>509.72</u>
July	<u>98.82</u>	<u>56.55</u>	<u>21.79</u>	<u>17.00</u>	<u>194.16</u>	<u>694.88</u>
August	<u>121.39</u>	<u>59.44</u>	<u>8.18</u>	<u>19.31</u>	<u>203.32</u>	<u>903.20</u>
September	<u>100.69</u>	<u>49.65</u>	<u>22.73</u>	<u>0.55</u>	<u>173.62</u>	<u>1076.82</u>
October	<u>100.04</u>	<u>38.00</u>	<u>17.73</u>	<u>13.64</u>	<u>169.38</u>	<u>1246.20</u>
November	<u>93.47</u>	<u>41.07</u>	<u>3.72</u>	<u>13.08</u>	<u>156.34</u>	<u>1402.54</u>
December	<u>89.20</u>	<u>37.21</u>	<u>0</u>	<u>0</u>	<u>126.41</u>	<u>1528.95</u>

CALENDAR YR TOTALS	<u>1,142.76</u>	<u>538.01</u>	<u>131.0</u>	<u>131.73</u>	<u>1,943.50</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____

Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____

Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____

WATER PRODUCTION RECORDS

Calendar Year 19 87

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9)	PISMO BASIN (Well #10)	MONTH	WATER YEAR
January	<u>109.9</u>	<u>0</u>	<u> </u>	<u> </u>	<u>109.9</u>	<u>1409.94</u>
February	<u>98.46</u>	<u>0</u>	<u> </u>	<u> </u>	<u>98.46</u>	<u>1518.4</u>
March	<u>99.62</u>	<u>0</u>	<u> </u>	<u> </u>	<u>99.62</u>	<u>1618.02</u>

Water Year Totals	<u>1123.21</u>	<u>494.81</u>	<u>0</u>	<u> </u>	<u> </u>	<u>1618.02</u>

April	<u>107.4</u>	<u>27.51</u>	<u> </u>	<u> </u>	<u>134.91</u>	<u>134.91</u>
May	<u>86.56</u>	<u>70.67</u>	<u> </u>	<u> </u>	<u>157.23</u>	<u>292.14</u>
June	<u>114.28</u>	<u>66.46</u>	<u> </u>	<u> </u>	<u>180.74</u>	<u>472.88</u>
July	<u>127.84</u>	<u>60.84</u>	<u> </u>	<u> </u>	<u>188.68</u>	<u>661.56</u>
August	<u>125.27</u>	<u>66.71</u>	<u> </u>	<u> </u>	<u>191.98</u>	<u>853.54</u>
September	<u>100.34</u>	<u>13.2</u> <small>Well #5</small>	<u>21.37</u> <small>Quit 9/10/87</small>	<u>32.06</u>	<u>166.97</u>	<u>1020.51</u>
October	<u>66.41</u>	<u>41.55</u>	<u>28.58</u>	<u>9.30</u>	<u>145.84</u>	<u>1166.35</u>
November	<u>31.07</u>	<u>46.45</u>	<u>14.02</u>	<u>5.24</u>	<u>96.78</u>	<u>1263.13</u>
December	<u>46.78</u>	<u>49.71</u>	<u>13.60</u>	<u>18.72</u>	<u>128.81</u>	<u>1391.94</u>

CALENDAR YR. TOTALS	<u>1113.93</u>	<u>443.10</u>	<u>77.57</u>	<u>65.82</u>	<u>1699.92</u>	<u> </u>

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>86</u> - 19 <u>87</u>	<u>1618.02</u>	<u> </u>
Water Year 19 <u>85</u> - 19 <u>86</u>	<u>1452.63</u>	<u> </u>
Water Year 19 <u>84</u> - 19 <u>85</u>	<u>1460.12</u>	<u> </u>

Fiscal Year 19__ - 19__	<u> </u>	<u> </u>
Fiscal Year 19__ - 19__	<u> </u>	<u> </u>
Fiscal Year 19__ - 19__	<u> </u>	<u> </u>

Calendar Year 19 <u>87</u>	<u>1699.92</u>	<u> </u>
Calendar Year 19 <u>85</u>	<u>1597.20</u>	<u> </u>
Calendar Year 19 <u>84</u>	<u>1435.52</u>	<u> </u>

WATER PRODUCTION RECORDS

Calendar Year 1986

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9) (Well #10)	MONTH	WATER YEAR
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January	<u>101.39</u>	<u>0</u>	<u> </u>	<u>101.39</u>	<u>1266.86</u>
February	<u>75.62</u>	<u>7.59</u>	<u> </u>	<u>83.21</u>	<u>1350.07</u>
March	<u>37.98</u>	<u>64.58</u>	<u> </u>	<u>102.56</u>	<u>1452.63</u>

Water Year Totals	<u>1,206.75</u>	<u>245.88</u>	<u> </u>	<u>1,452.63</u>	<u>1,452.63</u>
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*850
320 75*

April	<u>73.91</u>	<u>56.13</u>	<u> </u>	<u>130.04</u>	<u>130.04</u>
May	<u>115.78</u>	<u>27.25</u>	<u> </u>	<u>143.03</u>	<u>273.07</u>
June	<u>148.08</u>	<u>19.41</u>	<u> </u>	<u>167.49</u>	<u>440.56</u>
July	<u>104.94</u>	<u>69.85</u>	<u> </u>	<u>174.79</u>	<u>615.35</u>
August	<u>98.56</u>	<u>80.94</u>	<u> </u>	<u>179.50</u>	<u>794.85</u>
September	<u>63.96</u>	<u>63.96</u>	<u> </u>	<u>127.92</u>	<u>922.77</u>
October	<u>64.66</u>	<u>74.00</u>	<u> </u>	<u>138.66</u>	<u>1061.43</u>
November	<u>63.11</u>	<u>67.74</u>	<u> </u>	<u>130.85</u>	<u>1192.28</u>
December	<u>82.23</u>	<u>35.53</u>	<u> </u>	<u>117.76</u>	<u>1310.04</u>

CALENDAR YR TOTALS	<u>1030.22</u>	<u>566.98</u>	<u> </u>	<u>1597.20</u>	<u>1,310.04</u>
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Last year the last 3 months totalled

270.05
<u>1310.04</u>
1580.09

Previous Year Comparisons

	Produced Water	Water Sold
Water Year <u>1985 - 1986</u>	<u>1452.63</u>	<u> </u>
Water Year <u>1984 - 1985</u>	<u>1460.12</u>	<u> </u>
Water Year <u>1983 - 1984</u>	<u>1251.72</u>	<u> </u>
<hr style="border-top: 1px dashed black;"/>		
Fiscal Year <u>1985 - 1986</u>	<u>1,496.98</u>	<u> </u>
Fiscal Year <u>1984 - 1985</u>	<u>1,462.61</u>	<u> </u>
Fiscal Year <u>1983 - 1984</u>	<u>1,331.94</u>	<u> </u>
<hr style="border-top: 1px dashed black;"/>		
Calendar Year <u>1986</u>	<u>1,597.20</u>	<u> </u>
Calendar Year <u>1985</u>	<u>1,435.52</u>	<u> </u>
Calendar Year <u>1984</u>	<u>1,478.23</u>	<u> </u>

WATER PRODUCTION RECORDS

Calendar Year 19⁸⁵

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>43.20</u>	<u>41.85</u>	<u>--</u>	<u>85.05</u>	<u>1,275.12</u>
February	<u>60.30</u>	<u>24.70</u>	<u>--</u>	<u>85.00</u>	<u>1,360.12</u>
March	<u>94.80</u>	<u>5.20</u>	<u>--</u>	<u>100.00</u>	<u>1,460.12</u>

Water Year Totals	<u>1,055.60</u> <i>396</i> <u>169.60</u>	<u>386.19</u>	<u>--</u>	<u>1,460.12</u>	<u>1,460.12</u> ?

April	<u>83.20</u>	<u>31.49</u>	<u>--</u>	<u>114.69</u>	<u>114.69</u>
May	<u>128.50</u>	<u>0.03</u>	<u>--</u>	<u>128.53</u>	<u>243.22</u>
June	<u>145.80</u>	<u>7.19</u>	<u>--</u>	<u>152.99</u>	<u>396.21</u>
July	<u>118.43</u>	<u>43.03</u>	<u>--</u>	<u>161.46</u>	<u>557.67</u>
August	<u>96.25</u>	<u>51.77</u>	<u>--</u>	<u>148.02</u>	<u>705.69</u>
September	<u>127.70</u>	<u>14.65</u>	<u>--</u>	<u>142.35</u>	<u>848.04</u>
October	<u>128.40</u>	<u>0</u>	<u>--</u>	<u>128.40</u>	<u>976.44</u>
November	<u>76.85</u>	<u>25.55</u>	<u>--</u>	<u>102.40</u>	<u>1,078.84</u>
December	<u>86.63</u>	<u>0</u>	<u>--</u>	<u>86.63</u>	<u>1,165.47</u>

TOTALS	<u>1,190.06</u>	<u>245.46</u>	<u>--</u>	<u>1,435.52</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 ⁸⁴ - 19 ⁸⁵	<u>1,460.12</u>	_____
Water Year 19 ⁸³ - 19 ⁸⁴	<u>1,251.72</u>	_____
Water Year 19 ⁸² - 19 ⁸³	<u>1,165.75</u>	_____

Fiscal Year 19 ⁸⁴ - 19 ⁸⁵	<u>1,462.61</u>	_____
Fiscal Year 19 ⁸³ - 19 ⁸⁴	<u>1,331.94</u>	_____
Fiscal Year 19 ⁸² - 19 ⁸³	<u>1,179.02</u>	_____

Calendar Year 19 ⁸⁵	<u>1,435.52</u>	_____
Calendar Year 19 ⁸⁴	<u>1,478.23</u>	_____
Calendar Year 19 ⁸³	<u>1,192.81</u>	_____

WATER PRODUCTION RECORDS

Calendar Year 19 84

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>81.40</u>	<u>3.41</u>	<u>--</u>	<u>84.81</u>	<u>1,048.43</u>
February	<u>76.60</u>	<u>8.88</u>	<u>--</u>	<u>85.48</u>	<u>1,133.91</u>
March	<u>107.70</u>	<u>10.11</u>	<u>--</u>	<u>117.81</u>	<u>1,251.72</u>

Water Year Totals	<u>1,157.04</u> <i>526</i> <i>271.05</i>	<u>94.68</u>	<u>--</u>	<u>1,251.72</u>	<u>1,251.72</u>

April	<u>94.20</u>	<u>18.33</u>	<u>--</u>	<u>112.53</u>	<u>112.53</u>
May	<u>128.90</u>	<u>17.49</u>	<u>--</u>	<u>146.39</u>	<u>258.92</u>
June	<u>134.80</u>	<u>0</u>	<u>--</u>	<u>134.80</u>	<u>393.72</u>
July	<u>146.90</u>	<u>5.17</u>	<u>--</u>	<u>152.07</u>	<u>545.79</u>
August	<u>125.60</u>	<u>7.32</u>	<u>--</u>	<u>132.92</u>	<u>678.71</u>
September	<u>90.8</u>	<u>58.6</u>	<u>--</u>	<u>149.40</u>	<u>828.11</u>
October	<u>56.3</u>	<u>99.84</u>	<u>--</u>	<u>156.14</u>	<u>984.25</u>
November	<u>39.7</u>	<u>63.01</u>	<u>--</u>	<u>102.71</u>	<u>1,086.96</u>
December	<u>40.1</u>	<u>63.01</u>	<u>--</u>	<u>103.11</u>	<u>1,190.07</u>

TOTALS	<u>1,123.00</u>	<u>355.23</u>	<u>--</u>	<u>1,478.23</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>83</u> - 19 <u>84</u>	<u>1,251.72</u>	_____
Water Year 19 <u>82</u> - 19 <u>83</u>	<u>1,165.75</u>	_____
Water Year 19 <u>81</u> - 19 <u>82</u>	<u>1,179.51</u>	_____

Fiscal Year 19 <u>83</u> - 19 <u>84</u>	<u>1,331.94</u>	_____
Fiscal Year 19 <u>82</u> - 19 <u>83</u>	<u>1,179.02</u>	_____
Fiscal Year 19 <u>81</u> - 19 <u>82</u>	<u>1,151.90</u>	_____

Calendar Year 19 <u>84</u>	<u>1,478.23</u>	_____
Calendar Year 19 <u>83</u>	<u>1,192.81</u>	_____
Calendar Year 19 <u>82</u>	<u>1,162.79</u>	_____

WATER PRODUCTION RECORDS

Calendar Year 19⁸³

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>57.8</u>	<u>16.91</u>	<u>--</u>	<u>74.71</u>	<u>1,011.27</u>
February	<u>69.5</u>	<u>5.30</u>	<u>--</u>	<u>74.80</u>	<u>1,086.07</u>
March	<u>73.0</u>	<u>6.68</u>	<u>--</u>	<u>79.68</u>	<u>1,165.75</u>

Water Year Totals	<u>871.80</u>	<u>293.95</u>	<u>--</u>	<u>1,165.75</u>	<u>1,165.75</u>

April	<u>89.1</u>	<u>2.45</u>	<u>--</u>	<u>91.55</u>	<u>91.55</u>
May	<u>100.5</u>	<u>3.2</u>	<u>--</u>	<u>103.70</u>	<u>195.25</u>
June	<u>114.5</u>	<u>3.75</u>	<u>--</u>	<u>118.25</u>	<u>313.50</u>
July	<u>100.4</u>	<u>59.83</u>	<u>--</u>	<u>160.23</u>	<u>473.73</u>
August	<u>121.1</u>	<u>0</u>	<u>--</u>	<u>121.10</u>	<u>594.83</u>
September	<u>110.5</u>	<u>0</u>	<u>--</u>	<u>110.50</u>	<u>705.33</u>
October	<u>99.6</u>	<u>1.44</u>	<u>--</u>	<u>101.04</u>	<u>806.37</u>
November	<u>76.2</u>	<u>1.55</u>	<u>--</u>	<u>77.75</u>	<u>884.12</u>
December	<u>79.5</u>	<u>0</u>	<u>--</u>	<u>79.50</u>	<u>963.62</u>

TOTALS	<u>1,091.70</u>	<u>101.11</u>	<u>--</u>	<u>1,192.81</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 ⁸² - 19 ⁸³	<u>1,165.75</u>	_____
Water Year 19 ⁸¹ - 19 ⁸²	<u>1,179.51</u>	_____
Water Year 19 ⁸⁰ - 19 ⁸¹	<u>1,129.63</u>	_____

Fiscal Year 19 ⁸² - 19 ⁸³	<u>1,179.02</u>	_____
Fiscal Year 19 ⁸¹ - 19 ⁸²	<u>1,151.98</u>	_____
Fiscal Year 19 ⁸⁰ - 19 ⁸¹	<u>1,159.82</u>	_____

Calendar Year 19 ⁸³	<u>1,192.81</u>	_____
Calendar Year 19 ⁸²	<u>1,169.19</u>	_____
Calendar Year 19 ⁸¹	<u>1,170.00</u>	_____

WATER PRODUCTION RECORDS

Calendar Year 19 82

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>67.99</u>	<u>12.66</u>	<u>--</u>	<u>80.65</u>	<u>1,027.53</u>
February	<u>58.07</u>	<u>13.28</u>	<u>--</u>	<u>71.35</u>	<u>1,098.88</u>
March	<u>66.25</u>	<u>14.38</u>	<u>--</u>	<u>80.63</u>	<u>1,179.51</u>

Water Year Totals	<u>1,007.85</u>	<u>171.66</u>	<u>--</u>	<u>1,179.51</u>	<u>1,179.51</u>

April	<u>69.18</u>	<u>17.74</u>	<u>--</u>	<u>86.92</u>	<u>86.92</u>
May	<u>80.10</u>	<u>43.51</u>	<u>--</u>	<u>123.61</u>	<u>210.53</u>
June	<u>76.60</u>	<u>13.10</u>	<u>--</u>	<u>89.70</u>	<u>300.23</u>
July	<u>129.00</u>	<u>45.12</u>	<u>--</u>	<u>174.12</u>	<u>474.35</u>
August	<u>97.52</u>	<u>18.09</u>	<u>--</u>	<u>115.61</u>	<u>589.96</u>
September	<u>62.10</u>	<u>37.34</u>	<u>--</u>	<u>99.44</u>	<u>689.40</u>
October	<u>63.90</u>	<u>33.70</u>	<u>--</u>	<u>97.60</u>	<u>787.00</u>
November	<u>51.20</u>	<u>26.37</u>	<u>--</u>	<u>77.57</u>	<u>864.56</u>
December	<u>41.90</u>	<u>30.09</u>	<u>--</u>	<u>71.99</u>	<u>936.56</u>

TOTALS	<u>863.81</u>	<u>305.38</u>	<u>--</u>	<u>1,169.19</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>81</u> - 19 <u>82</u>	<u>1,179.51</u>	_____
Water Year 19 <u>80</u> - 19 <u>81</u>	<u>1,129.63</u>	_____
Water Year 19 <u>79</u> - 19 <u>80</u>	<u>1,115.23</u>	_____

Fiscal Year 19 <u>81</u> - 19 <u>82</u>	<u>1,151.98</u>	_____
Fiscal Year 19 <u>80</u> - 19 <u>81</u>	<u>1,159.82</u>	_____
Fiscal Year 19 <u>79</u> - 19 <u>80</u>	<u>1,087.60</u>	_____

Calendar Year 19 <u>82</u>	<u>1,169.19</u>	_____
Calendar Year 19 <u>81</u>	<u>1,172.00</u>	_____
Calendar Year 19 <u>80</u>	<u>1,129.63</u>	_____

WATER PRODUCTION RECORDS

Calendar Year 19⁸¹

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>31.72</u>	<u>5.90</u>	<u>--</u>	<u>37.62</u>	<u>992.13</u>
February	<u>54.48</u>	<u>6.76</u>	<u>--</u>	<u>61.24</u>	<u>1,053.37</u>
March	<u>64.39</u>	<u>11.87</u>	<u>--</u>	<u>76.26</u>	<u>1,129.63</u>

Water Year Totals	<u>1,089.12</u>	<u>40.51</u>	<u>--</u>	<u>1,129.63</u>	<u>1,129.63</u>

April	<u>53.97</u>	<u>11.60</u>	<u>--</u>	<u>95.57</u>	<u>95.57</u>
May	<u>96.36</u>	<u>19.66</u>	<u>--</u>	<u>116.02</u>	<u>211.59</u>
June	58.40 58.40	<u>27.77</u>	<u>--</u>	<u>116.17</u>	<u>327.76</u>
July	<u>108.61</u>	<u>21.94</u>	<u>--</u>	<u>130.55</u>	<u>458.31</u>
August	<u>115.52</u>	<u>19.02</u>	<u>--</u>	<u>134.54</u>	<u>592.85</u>
September	<u>99.71</u>	<u>7.52</u>	<u>--</u>	<u>107.23</u>	<u>700.08</u>
October	<u>86.78</u>	<u>10.65</u>	<u>--</u>	<u>97.43</u>	<u>797.51</u>
November	<u>68.85</u>	<u>8.90</u>	<u>--</u>	<u>77.75</u>	<u>875.26</u>
December	<u>67.34</u>	<u>4.28</u>	<u>--</u>	<u>71.62</u>	<u>946.88</u>

TOTALS	<u>1,016.13</u>	<u>155.87</u>	<u>--</u>	<u>1,172.00</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 ⁸⁰ - 19 ⁸¹	<u>1,129.63</u>	_____
Water Year 19 ⁷⁹ - 19 ⁸⁰	<u>1,115.33</u>	_____
Water Year 19 ⁷⁸ - 19 ⁷⁹	<u>1,158.63</u>	_____

Fiscal Year 19 ⁸⁰ - 19 ⁸¹	<u>1,159.82</u>	_____
Fiscal Year 19 ⁷⁹ - 19 ⁸⁰	<u>1,087.60</u>	_____
Fiscal Year 19 ⁷⁸ - 19 ⁷⁹	<u>1,192.95</u>	_____

Calendar Year 19 ⁸¹	1,172.00 <u>1,172.00</u>	_____
Calendar Year 19 ⁸⁰	1,124.09 <u>1,124.09</u>	_____
Calendar Year 19 ⁷⁹	<u>1,119.44</u>	_____

WATER PRODUCTION RECORDS

Calendar Year 19 80

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>52.58</u>	<u>2.42</u>	<u>--</u>	<u>85.00</u>	<u>980.75</u>
February	<u>58.12</u>	<u>2.29</u>	<u>--</u>	<u>60.41</u>	<u>1,041.16</u>
March	<u>71.59</u>	<u>2.58</u>	<u>--</u>	<u>74.17</u>	<u>1,115.33</u>

Water Year Totals	<u>1,050.87</u>	<u>64.46</u>	<u>--</u>	<u>1,115.33</u>	<u>1,115.33</u>

April	<u>84.83</u>	<u>4.48</u>	<u>--</u>	84.83 ^{89.31}	<u>89.31</u>
May	<u>98.40</u>	<u>0</u>	<u>--</u>	<u>98.40</u>	<u>187.71</u>
June	<u>109.86</u>	<u>0</u>	<u>--</u>	<u>109.86</u>	<u>297.57</u>
July	<u>116.62</u>	<u>0</u>	<u>--</u>	<u>116.62</u>	<u>414.19</u>
August	<u>124.01</u>	<u>0</u>	<u>--</u>	<u>124.01</u>	<u>538.20</u>
September	<u>99.50</u>	<u>0</u>	<u>--</u>	<u>99.50</u>	<u>637.70</u>
October	<u>92.81</u>	<u>0</u>	<u>--</u>	<u>92.81</u>	<u>730.51</u>
November	<u>96.00</u>	<u>0</u>	<u>--</u>	<u>96.00</u>	<u>826.51</u>
December	106.50	<u>11.50</u>	<u>--</u>	<u>78.00</u>	<u>904.51</u>

TOTALS	<u>1,100.72</u>	<u>23.27</u>	<u>--</u>	<u>1,124.09</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>79</u> - 19 <u>80</u>	<u>1,115.33</u>	_____
Water Year 19 <u>78</u> - 19 <u>79</u>	<u>1,158.63</u>	_____
Water Year 19 <u>77</u> - 19 <u>78</u>	<u>1,071.98</u>	_____

Fiscal Year 19 <u>79</u> - 19 <u>80</u>	<u>1,087.60</u>	_____
Fiscal Year 19 <u>78</u> - 19 <u>79</u>	<u>1,192.75</u>	_____
Fiscal Year 19 <u>77</u> - 19 <u>78</u>	<u>1,094.37</u>	_____

Calendar Year 19 <u>80</u>	<u>1,124.09</u>	_____
Calendar Year 19 <u>79</u>	1,115.33 <u>1,119.44</u>	_____
Calendar Year 19 <u>78</u>	<u>1,133.17</u>	_____

WATER PRODUCTION RECORDS

Calendar Year 19 79

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>68.44</u>	<u>4.56</u>	<u>--</u>	<u>73.00</u>	<u>1,007.94</u>
February	<u>65.54</u>	<u>4.23</u>	<u>--</u>	<u>69.77</u>	<u>1,077.71</u>
March	<u>76.15</u>	<u>4.77</u>	<u>--</u>	<u>80.92</u>	<u>1,158.63</u>

Water Year Totals	<u>1,068.90</u>	<u>89.73</u>	<u>--</u>	<u>1,158.63</u>	<u>1,158.63</u>

April	84.47 <u>84.47</u>	5.96 <u>5.96</u>	<u>--</u>	<u>90.43</u>	<u>90.43</u>
May	103.66 103.66 <u>103.66</u>	<u>6.02</u>	<u>--</u>	<u>109.68</u>	<u>200.11</u>
June	<u>118.46</u>	<u>6.73</u>	<u>--</u>	<u>125.19</u>	<u>325.30</u>
July	<u>103.62</u>	<u>11.83</u>	<u>--</u>	<u>114.85</u>	<u>440.15</u>
August	<u>105.74</u>	<u>7.98</u>	<u>--</u>	<u>113.72</u>	<u>553.87</u>
September	<u>102.50</u>	<u>5.78</u>	<u>--</u>	<u>108.28</u>	<u>662.15</u>
October	<u>79.59</u>	<u>3.82</u>	<u>--</u>	<u>83.41</u>	<u>745.56</u>
November	<u>69.77</u>	<u>2.75</u>	<u>--</u>	<u>72.52</u>	<u>818.08</u>
December	<u>71.37</u>	<u>6.30</u>	<u>--</u>	<u>77.67</u>	<u>895.75</u>

TOTALS	<u>1,048.71</u>	<u>70.73</u>	<u>--</u>	<u>1,119.44</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>78</u> - 19 <u>79</u>	<u>1,158.63</u>	_____
Water Year 19 <u>77</u> - 19 <u>78</u>	<u>1,071.78</u>	_____
Water Year 19 <u>76</u> - 19 <u>77</u>	<u>1,169.27</u>	_____

Fiscal Year 19 <u>78</u> - 19 <u>79</u>	<u>1,192.45</u>	_____
Fiscal Year 19 <u>77</u> - 19 <u>78</u>	<u>1,094.37</u>	_____
Fiscal Year 19 <u>76</u> - 19 <u>77</u>	<u>1,276.12</u>	_____

Calendar Year 19 <u>79</u>	<u>1,119.44</u>	_____
Calendar Year 19 <u>78</u>	<u>1,133.17</u>	_____
Calendar Year 19 <u>77</u>	<u>1,106.75</u>	_____

WATER PRODUCTION RECORDS

Calendar Year 19 78

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>59.78</u>	<u>5.67</u>	<u>--</u>	<u>65.45</u>	<u>939.20</u>
February	<u>61.57</u>	<u>1.34</u>	<u>--</u>	<u>62.91</u>	<u>1,002.11</u>
March	<u>69.87</u>	<u>0</u>	<u>--</u>	<u>69.87</u>	<u>1,071.98</u>

Water Year Totals	<u>1,031.39</u>	<u>40.59</u>	<u>--</u>	<u>1,071.98</u>	<u>1,071.98</u>

April	<u>76.10</u>	<u>0</u>	<u>--</u>	<u>76.10</u>	<u>76.10</u>
May	<u>93.53</u>	<u>8.59</u>	<u>--</u>	<u>102.12</u>	<u>178.22</u>
June	<u>82.07</u>	<u>30.69</u>	<u>--</u>	<u>112.76</u>	178.22 <u>290.98</u>
July	<u>124.34</u>	<u>1.09</u>	<u>--</u>	<u>125.43</u>	<u>416.41</u>
August	<u>119.87</u>	<u>8.16</u>	<u>--</u>	<u>128.03</u>	<u>544.44</u>
September	<u>106.29</u>	<u>8.45</u>	<u>--</u>	<u>114.74</u>	<u>659.18</u>
October	<u>88.44</u>	<u>6.18</u>	<u>--</u>	<u>94.62</u>	<u>753.80</u>
November	<u>82.34</u>	<u>7.09</u>	<u>--</u>	<u>89.43</u>	<u>843.23</u>
December	<u>85.79</u>	<u>5.92</u>	<u>--</u>	<u>91.71</u>	<u>934.94</u>

TOTALS	<u>1,049.99</u>	<u>83.18</u>	<u>--</u>	<u>1,133.17</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>77</u> - 19 <u>78</u>	<u>1,071.98</u>	<u> </u>
Water Year 19 <u>76</u> - 19 <u>77</u>	<u>1,169.27</u>	<u> </u>
Water Year 19 <u>75</u> - 19 <u>76</u>	<u>984.76</u>	<u> </u>

Fiscal Year 19 <u>77</u> - 19 <u>78</u>	<u>1,094.37</u>	<u> </u>
Fiscal Year 19 <u>76</u> - 19 <u>77</u>	<u>1,076.12</u>	<u> </u>
Fiscal Year 19 <u>75</u> - 19 <u>76</u>	<u>1,108.06</u>	<u> </u>

Calendar Year 19 <u>78</u>	<u>1,133.17</u>	<u> </u>
Calendar Year 19 <u>77</u>	<u>1,106.75</u>	<u> </u>
Calendar Year 19 <u>76</u>	<u>1,184.72</u>	<u> </u>

WATER PRODUCTION RECORDS

Calendar Year 19 77

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>78.28</u>	<u>0</u>	<u>--</u>	<u>78.28</u>	<u>1,014.35</u>
February	<u>76.08</u>	<u>0</u>	<u>--</u>	<u>76.08</u>	<u>1,090.43</u>
March	<u>78.84</u>	<u>0</u>	<u>--</u>	<u>78.84</u>	<u>1,169.27</u>

Water Year Totals	<u>1,015.61</u>	<u>153.46</u>	<u>--</u>	<u>1,169.27</u>	<u>1,169.27</u>

April	<u>84.87</u>	<u>0</u>	<u>--</u>	<u>84.87</u>	<u>84.87</u>
May	<u>87.54</u>	<u>0</u>	<u>--</u>	<u>87.54</u>	<u>172.41</u>
June	<u>96.18</u>	<u>0</u>	<u>--</u>	<u>96.18</u>	<u>268.59</u>
July	114.50 114.50	<u>0.58</u>	<u>--</u>	<u>115.08</u>	<u>383.67</u>
August	<u>119.56</u>	<u>3.41</u>	<u>--</u>	<u>122.97</u>	<u>506.64</u>
September	<u>94.04</u>	<u>5.19</u>	<u>--</u>	<u>99.23</u>	<u>605.87</u>
October	<u>91.13</u>	<u>8.04</u>	<u>--</u>	<u>99.12</u>	<u>704.99</u>
November	<u>79.89</u>	<u>4.05</u>	<u>--</u>	<u>83.94</u>	<u>788.93</u>
December	<u>72.51</u>	<u>12.31</u>	<u>--</u>	<u>84.82</u>	<u>873.75</u>

TOTALS	<u>1,073.37</u>	<u>33.58</u>	<u>--</u>	<u>1,106.95</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>76</u> - 19 <u>77</u>	<u>1,169.27</u>	<u> </u>
Water Year 19 <u>75</u> - 19 <u>76</u>	<u>984.76</u>	<u> </u>
Water Year 19 <u>74</u> - 19 <u>75</u>	<u> </u>	<u> </u>

Fiscal Year 19 <u>76</u> - 19 <u>77</u>	<u>1,076.12</u>	<u> </u>
Fiscal Year 19 <u>75</u> - 19 <u>76</u>	<u>1,108.06</u>	<u> </u>
Fiscal Year 19 <u>74</u> - 19 <u>75</u>	<u>353.62</u>	<u> </u>

Calendar Year 19 <u>77</u>	<u>1,106.95</u>	<u> </u>
Calendar Year 19 <u>76</u>	<u>1,134.72</u>	<u> </u>
Calendar Year 19 <u>75</u>	<u>100.67</u>	<u> </u>

WATER PRODUCTION RECORDS

Calendar Year 1976

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>92.45</u>	<u>6.22</u>	<u>--</u>	<u>98.67</u>	<u>534.78</u>
February	<u>54.11</u>	<u>6.38</u>	<u>--</u>	<u>65.49</u>	<u>900.27</u>
March	<u>42.69</u>	<u>41.80</u>	<u>--</u>	<u>84.49</u>	<u>984.76</u>

Water Year Totals	<u> </u>	<u>87.98</u>	<u>--</u>	<u>984.76</u>	<u>984.76</u>

April	<u>48.18</u>	<u>45.22</u>	<u>--</u>	<u>93.40</u>	<u>93.40</u>
May	<u>63.28</u>	<u>70.92</u>	<u>--</u>	<u>134.20</u>	<u>227.60</u>
June	<u>96.82</u>	<u>37.32</u>	<u>--</u>	<u>134.14</u>	<u>361.74</u>
July	<u>139.20</u>	<u>0</u>	<u>--</u>	<u>139.20</u>	<u>500.94</u>
August	<u>109.70</u>	<u>0</u>	<u>--</u>	<u>109.70</u>	<u>610.64</u>
September	<u>84.41</u>	<u>0</u>	<u>--</u>	<u>84.41</u>	<u>695.05</u>
October	<u>79.17</u>	<u>0</u>	<u>--</u>	<u>79.17</u>	<u>774.22</u>
November	<u>80.66</u>	<u>0</u>	<u>--</u>	<u>80.66</u>	<u>854.88</u>
December	<u>81.19</u>	<u>0</u>	<u>--</u>	<u>81.19</u>	<u>936.07</u>

TOTALS	<u>976.86</u>	<u>207.86</u>	<u>--</u>	<u>1,184.72</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>75</u> - 19 <u>76</u>	<u>984.76</u>	<u> </u>
Water Year 19 <u>74</u> - 19 <u>75</u>	<u> </u>	<u> </u>
Water Year 19 <u>73</u> - 19 <u>74</u>	<u> </u>	<u> </u>

Fiscal Year 19 <u>75</u> - 19 <u>76</u>	<u>1,108.06</u>	<u> </u>
Fiscal Year 19 <u>74</u> - 19 <u>75</u>	<u>853.62</u>	<u> </u>
Fiscal Year 19 <u>73</u> - 19 <u>74</u>	<u> </u>	<u> </u>

Calendar Year 19 <u>76</u>	<u>1,184.72</u>	<u> </u>
Calendar Year 19 <u>75</u>	<u>900.67</u>	<u> </u>
Calendar Year 19 <u>74</u>	<u> </u>	<u> </u>

WATER PRODUCTION RECORDS

Calendar Year 19⁷⁵

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Wells #9, #10)	MONTH TOTAL	WATER YEAR CUMULATIVE
January	<u>51.65</u>	<u>1.56</u>	<u>--</u>	<u>53.21</u>	<u> </u>
February	<u>46.53</u>	<u>3.54</u>	<u>--</u>	<u>50.07</u>	<u> </u>
March	<u>41.42</u>	<u>19.86</u>	<u>--</u>	<u>61.28</u>	<u> </u>

Water Year Totals	<u> </u>	<u> </u>	<u>--</u>	<u> </u>	<u> </u>

		172.12			*
April	58.93	<u>1.49</u>	<u>--</u>	<u>60.42</u>	<u>60.42</u>
May	84.87	<u>1.47</u>	<u>--</u>	<u>86.34</u>	<u>146.76</u>
June	<u>91.31</u>	<u>0.37</u>	<u>--</u>	<u>91.68</u>	<u>238.44</u>
July	88.16 99.55	<u>0.20</u>	<u>--</u>	88.36 99.85	<u>326.80</u>
August	47.61 80.48	<u>0.81</u>	<u>--</u>	48.42 100.88	<u>425.22</u>
September	77.54 77.73	<u>2.19</u>	<u>--</u>	79.73 77.73	<u>504.95</u>
October	77.73 64.71	<u>1.11</u>	<u>--</u>	78.84 64.71	<u>583.79</u>
November	78.16 69.75	<u>1.84</u> 69.75	<u>--</u>	80.00 69.75	<u>663.79</u>
December	52.96 52.96	<u>2.57</u> 21.48	<u>--</u>	72.32 52.96	<u>736.11</u>

TOTALS	<u>863.66</u>	<u>37.01</u>	<u>--</u>	<u>900.67</u>	

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 ⁷⁴ - 19 ⁷⁵	<u> </u>	<u> </u>
Water Year 19 ⁷³ - 19 ⁷⁴	<u> </u>	<u> </u>
Water Year 19 ⁷² - 19 ⁷³	<u> </u>	<u> </u>

Fiscal Year 19 ⁷⁴ - 19 ⁷⁵	<u>853.62</u>	<u> </u>
Fiscal Year 19 ⁷³ - 19 ⁷⁴	<u> </u>	<u> </u>
Fiscal Year 19 ⁷² - 19 ⁷³	<u> </u>	<u> </u>

Calendar Year 19 ⁷⁵	<u>900.67</u>	<u> </u>
Calendar Year 19 ⁷⁴	<u> </u>	<u> </u>
Calendar Year 19 ⁷³	<u> </u>	<u> </u>

WATER PRODUCTION RECORDS

water year → 1114.37

Calendar Year 19⁹⁸
 232.89 305.84
 ARROYO GRANDE BASIN
 WELL 5 WELL 23

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN WELL 5	ARROYO GRANDE BASIN WELL 23	MONTH	YEAR	% LOPEZ USE
JAN	94.42	5.20	8.89	108.51	108.51	87%
FEB	97.31	8.34	2.11	107.76	216.27	90.3%
MAR	103.41	4.75	5.06	113.22	329.49	91.3%
APR	105.70	15.27	9.16	130.13	459.62	81%
MAY	127.22	18.07	7.84	153.13	612.75	83%
JUN	_____	_____	_____	_____	_____	_____
JULY	_____	_____	_____	_____	_____	_____
AUG	_____	_____	_____	_____	_____	_____
SEPT	_____	_____	_____	_____	_____	_____
OCT	_____	_____	_____	_____	_____	_____
NOV	_____	_____	_____	_____	_____	_____
DEC	_____	_____	_____	_____	_____	_____

97-98 WATER YEAR 1409.51 251.18 321.9 1982.54 79%

CALENDAR YEAR

PREVIOUS YEAR COMPARISONS

WATER YEAR _____	CALENDAR YEAR _____
WATER YEAR _____	CALENDAR YEAR _____
WATER YEAR _____	CALENDAR YEAR _____
WATER YEAR _____	CALENDAR YEAR _____
WATER YEAR _____	CALENDAR YEAR _____
WATER YEAR _____	CALENDAR YEAR _____

TPG-H2OPROD.FRM

Jan - June type

WATER PRODUCTION RECORDS

Calendar Year 1987

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9)(Well #10)	MONTH	WATER YEAR
January	<u>109.9</u>	<u>0</u>	<u> </u>	<u>109.9</u>	<u>1409.94</u>
February	<u>98.46</u>	<u>0</u>	<u> </u>	<u>98.46</u>	<u>1518.4</u>
March	<u>99.62</u>	<u>0</u>	<u> </u>	<u>99.62</u>	<u>1618.02</u>

Water Year Totals	<u>1123.21</u>	<u>494.81</u>	<u>0</u>	<u> </u>	<u>1618.02</u>

April	<u>107.4</u>	<u>27.51</u>	<u> </u>	<u>134.91</u>	<u>134.91</u>
May	<u>86.56</u>	<u>70.67</u>	<u> </u>	<u>157.23</u>	<u>292.14</u>
June	<u>114.28</u>	<u>66.46</u>	<u> </u>	<u>180.74</u>	<u>472.88</u>
July	<u>127.84</u>	<u>60.84</u>	<u> </u>	<u>188.68</u>	<u>661.56</u>
August	<u>125.27</u>	<u>66.71</u>	<u> </u>	<u>191.98</u>	<u>853.54</u>
September	<u>100.34</u>	<u>13.2</u>	<u>21.37</u>	<u>32.06</u>	<u>166.97</u>
		<i>Well #5 Quit 9/10/87</i>			
October	<u>60.41</u>	<u>41.55</u>	<u>28.58</u>	<u>7.30</u>	<u>145.34</u>
		57.89			1166.35
November	<u>31.07</u>	<u>46.45</u>	<u>14.02</u>	<u>5.24</u>	<u>96.78</u>
		51.27			1263.12
December	<u>46.78</u>	<u>49.71</u>	<u>13.60</u>	<u>18.72</u>	<u>128.81</u>
		44.59			1391.9
					1408.2

CALENDAR YR TOTALS	<u>1113.93</u>	<u>443.10</u>	<u>77.57</u>	<u>65.32</u>	<u>1699.92</u>
		459.44			

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19 <u>86</u> - 19 <u>87</u>	<u>1618.02</u>	<u> </u>
Water Year 19 <u>85</u> - 19 <u>86</u>	<u>1452.63</u>	<u> </u>
Water Year 19 <u>84</u> - 19 <u>85</u>	<u>1460.12</u>	<u> </u>

Fiscal Year 19 <u> </u> - 19 <u> </u>	<u> </u>	<u> </u>
Fiscal Year 19 <u> </u> - 19 <u> </u>	<u> </u>	<u> </u>
Fiscal Year 19 <u> </u> - 19 <u> </u>	<u> </u>	<u> </u>

Calendar Year 19 <u>87</u>	<u>1690.65</u>	<u>1699.92</u>
Calendar Year 19 <u>85</u>	<u>1597.20</u>	<u> </u>
Calendar Year 19 <u>84</u>	<u>1435.52</u>	<u> </u>

73/94 Lopez
 Entit = 896
 Surplus = 388
 1234 Ac. ft.

WATER PRODUCTION RECORDS

Calendar Year 1994
 (All figures shown are in acre feet)

11/17/93
 Project Water
 Use to
 Mar 31, 1994

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN (WELL 5) (WELL 23)		FISMO BASIN (WELL 9) (WELL 10)		MONTH	YEAR
pez water year	816.25	420.2	228.9				1507.50
JAN	168.17	27.9	0.81	Ø	Ø	70%	96.8 1604.4
FEB	71.32	2.3	21.4	Ø	Ø	75%	74.02 1678.4
MAR	110.0	Ø	5.76	Ø	Ø	95%	121.36 1819.78
Water Year Totals	1070.34	450.4	256.77	26.19	16.07	59% T	1819.77
APR	115.08	3.2	3.38	Ø	Ø	75%	121.66 121.66
MAY	116.73	69.69	0.87	Ø	Ø	37%	185 306
JUN	100.97	51.0	31	Ø	Ø	55%	182 488
JUL	111.44	72.0	26	Ø	Ø	53%	209 697
AUG	103.17	48.6	32.7	Ø	Ø	56%	184.47 881.47
SEP	103.18	21.9	52.2	Ø	Ø	58%	177.28 1058.7
OCT	102.30	0.03	57.9	Ø	Ø		160.23 1218.9
NOV	90		50				140
DEC	52		62				115
TOTALS	4770		3130				100
Jan.	76		32				95
Feb.	75		35				120
Mar.	115		69				1788

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19__ - 19__	OK < 700	
Water Year 19__ - 19__		
Water Year 19__ - 19__		
Fiscal Year 19__ - 19__		
Fiscal Year 19__ - 19__		
Fiscal Year 19__ - 19__		
Calendar Year 19__		
Calendar Year 19__		
Calendar Year 19__		

1098
 1,184

650

OK but
 could
 use
 more
 Lopez!

WATER PRODUCTION RECORDS

Calendar Year 19__

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN WELL 5	WELL 23	MONTH	YEAR	% LOPEZ USE
JAN	_____	_____	_____	_____	_____	_____
FEB	_____	_____	_____	_____	_____	_____
MAR	_____	_____	_____	_____	_____	_____
APR	_____	_____	_____	_____	_____	_____
MAY	_____	_____	_____	_____	_____	_____
JUN	_____	_____	_____	_____	_____	_____
JULY	_____	_____	_____	_____	_____	_____
AUG	_____	_____	_____	_____	_____	_____
SEPT	_____	_____	_____	_____	_____	_____
OCT	_____	_____	_____	_____	_____	_____
NOV	_____	_____	_____	_____	_____	_____
DEC	_____	_____	_____	_____	_____	_____

WATER YEAR _____

CALENDAR YEAR _____

PREVIOUS YEAR COMPARISONS

WATER YEAR _____	_____	CALENDAR YEAR _____	_____
WATER YEAR _____	_____	CALENDAR YEAR _____	_____
WATER YEAR _____	_____	CALENDAR YEAR _____	_____
WATER YEAR _____	_____	CALENDAR YEAR _____	_____
WATER YEAR _____	_____	CALENDAR YEAR _____	_____
WATER YEAR _____	_____	CALENDAR YEAR _____	_____

TPG-H2OPROD.FRM

Date	WELL READING	\$5 READING DIFFERENCE	A.F. D. Int	LOPE 7 SUPPLY	TOTAL USGA
8-30-85	5685000		WELL #5		
9-30-85	6323000	638,000	14.65	127.7	142.35
10-31-85	6323000	0	0	128.4	128.4
11-1-85	07436000	1,113,000	25.55	76.85	102.4
12-31-85		0	0	86.63	86.63
TOTAL FOR YEAR			245.46	1190.00	1435.52
1-31-86				101.39	101.39
2-23-86	7530100	330,000	7.59	75.62	83.21
	7861000				
3-31-86	10674200	2,813,200	64.58	37.78	102.56
4-30-86	13117300	2,445,100	50.13	73.91	130.04
5-30-86	14306500	1,187,200	27.25	115.78	143.03
6-30-86	15151800	845,300	19.4	148.08	167.49
7-31-86	15194600	3,002,800	69.85	104.94	174.79
8-31	21720500	3,525,900	80.94	98.56	179.5
9-30	24506800	2,786,300	63.70	63.98	127.72

CITY OF PISMO BEACH
MONTHLY WATER USAGE

PLEASE RETURN TO HAL

CITY OWNED PROPERTIES

APN	LAND USE	LOCATION
1) 05-018-06 32,600	Boosinger Park	Wadsworth Ave.
2) 05-031-21 13,750	Boosinger Park (partially undeveloped)	Between Wadsworth and Schafer
3) 05-031-23 13,450	Boosinger Park (partially undeveloped)	Wadsworth at Schafer
4) 05-032-07 7000	Vacant <i>a California reservoir</i>	Between Bay and Schafer
5) 05-036-08 12,600	City Hall Tennis Courts	Corner of Wadsworth and Bello
6) 05-041-10 61,190	Veteran's Hall	780 Bello St.
7) 05-041-17 45,000	Veteran's Hall Parking Lot	Bello St.
8) 05-041-13 43,260	City Hall Complex	1000 Bello St.
9) 05-041-16	Vacant	Bello and Price Canyon Road
10) 05-071-01 7250	Happy Time Nursery School	1091 Bello St.
11) 05-076-21 7750	Vacant	Corner Main & Dolliver
12) 05-078-0 11,500	Vacant	Corner Main & Dolliver
13) 05-091-03	Vacant	Bello St. North of Waste Water Treatment Plant
14) 05-091-09	Waste Water Treatment Plant <i>Next to creek</i>	Between Oceanview & Southern Pacific Railroad
15) 05-134-01 7875	Chamber of Commerce	581 & 584 Dolliver St.
16) 05-143-06 46,000	Ira Lease Park	North of Dolliver St. at Bridge
05-143-08	Ira Lease Park <i>next to creek</i>	North of Dolliver St. at Bridge
17) 05-145-01 34,500	Mary Herrington Park <i>next to creek</i>	South of Dolliver at Bridge
18) 05-162-09 15,000	Addie St. Pump Station <i>next to creek</i>	131 Addie St.
19) 05-163-02	Pismo Creek Channel	Creek at Cypress St. Bridge

(City owned properties cont.)

APN	LAND USE	LOCATION
20) 05-213-34 4000	Pismo Heights Reservoir #3	1200 Longview
21) 05-223-01 22,600	Pismo Heights Reservoir #2	Longview South of Merced
22) 05-102-14 14000	Vacant - Temp. Storage	U.S. 101 & Waste Water Treatment Plant
23) 05-271-03 220,000	Little League Field	U.S. 101 at Southern Pacific Railroad
24) 05-271-13	PG&E Easement	Bello St. at Southern Pacific Railroad
25) 10-041-40 60,000	Shell Beach Reservoir	Freeway Foothills P.A.
26) 10-221-45	Drainage Easement and Bluff Access	Park Place
27) 10-051-01 205,500	Spyglass Park	Spyglass Drive
10--51-02	Spyglass Park	Spyglass Drive
10-051-11	Spyglass Park	Spyglass Drive
28) 10-234-01	Ocean Park	Ocean Blvd. at Vista Del Mar
29) 10-244-01	Ocean Park	Ocean Blvd. at Morro
30) 10-302-01	Ocean Park	Ocean Blvd. at Capistrano
31) 10-355-01 7500	Margo Dodd Park	Ocean Blvd. at Seaview
32) 10-355-02 18000	Island off Margo Dodd Park	Ocean Blvd. at Seaview
33) 10-505-17 20,000	Park	Seacliff Drive
34) 10-511-23 7000	Pismo Beach Fire Station #2	Shell Beach Road
35) 10-550-48 2.2Ac	Open Space	Shell Beach Road
36) 10-550-49 2.5Ac	Open Space	Shell Beach Road

(City owned properties cont.)

APN	LAND USE	LOCATION
<u>GROVER CITY</u>		
37) 60-072-01 15,865	Vacant	23 Atlantic City
38) 60-228-17 5000	Well #5	100 Blk. South 8th St.
39) 60-443-01 17,710	Grover Heights Reservoir	751 North 8th St.
40) 60-544-05 SOLD	Well Site	Farrol and Griffin
60-544-06 SOLD	Well Site	Farrol and Griffin

CITY RIGHT-OF-WAYS (ACTIVE CITY STREETS)

41) 05-181-14	Cypress St. Extension	Between Main & Pomeroy
42) 05-181-25	Alleyway	Between Main & Pomeroy
43) 05-242-17	Five Cities Drive	Five Cities Dr. at Shopping Center
44) 05-086-09	Bettiga St.	Between Stimson & Oceanview
45) 05-222-2	Longview Ave.	Longview North of Merced

Column Write	Billing Date	Rilled Consumption	Amount Rilled	City * Consumption
1	1/82	53678ccf	2032032	
2	3/82	52,058ccf	1994168	
3	5/82	55,121ccf	2042797	
4	7/82	70,394ccf	24223.63	
5	9/82	87,284ccf	28515.43	
6	11/82	79,969ccf	2058804	
7				
8	Area Feet = 914.77	398,504ccf	\$140,017.07	
9				
10				
11	1/81	64186ccf	2267135	
12	3/81	57218ccf	2129703	
13	5/81	58841ccf	2144270	
14	7/81	72587ccf	2464650	
15	9/81	96855ccf	3122484	
16	11/81	80347ccf	2676087	
17				
18	Area Feet = 987.15	430034ccf	\$148043.29	
19				
20				
21	1/82	67559ccf	2283598	
22	3/82	53397ccf	2049029	
23	5/82	57043ccf	2146374	
24	7/82	80116ccf	2691240	
25	9/82	94161ccf	3052179	
26	11/82	77265ccf	2426238	
27				
28	Area Feet = 979.13	426541ccf	\$148486.58	

* City meter, although read, were not set on computer until late 1982.
 Thus, 1983 is first year of record.

City Meters

2/14/85
m

COLUMN - WRITE

	1	2	3	4	5	6
	Location	Acc't Number	Date Set UP	1983 Consump. (Jan.-Nov.)	1984 Consump. (Jan.-Nov.)	
1						
2	Station Lift Stat	09-70020	9/14/82	+0 ccf	3 ccf	
3						
4	IRA Lease Park	09-70030	9/14/82	203 ccf	355 ccf	
5						
6	Shell Beach Park	08-70010	9/14/82	6 ccf	270 ccf	
7						
8	SB Firehouse	04-70000	9/14/82	130 ccf	132 ccf	
9						
10	Dodd PARK	03-70110	8/3/83	133 ccf	252 ccf *	
11						
12	Palisades Courts	15-70090	9/14/82	307 ccf	256 ccf	
13						
14	Maintenance Yard	14-70070	9/14/82	105 ccf	304 ccf	
15						
16	Sewer Plant	14-70080	9/14/82	7732 ccf	9513 ccf	
17						
18	Park Lot Nor	12-70100	5/23/83	171 ccf	85 ccf *	
19						
20	Park Lot Sow	12-70120	8/3/83	14 ccf	85 ccf *	
21						
22	Bosinger Park	13-70060	9/14/82	186 ccf	533 ccf	
23						
24	City Hall	10-70040	9/14/82	352 ccf	625 ccf	
25						
26	Ardie St. Kinder	10-70050	9/14/82	3 ccf	2 ccf	
27						
28				9402 ccf	12415 ccf	
29						
30				ARE FEET = 21.58	78.50	
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

148 gpcd average - see also full water consumption
 Factors affecting demand - meters, pressure, quality, cost, climate, need for air conditioning, leakage
 Hal

SAN LUIS OBISPO COUNTY



COUNTY GOVERNMENT CENTER • SAN LUIS OBISPO, CALIFORNIA 93408 • (805) 549-5252

GEORGE C. PROTOPAPAS
 County Engineer
 CLINTON MILNE
 DEPUTY COUNTY ENGINEER
 GUY PREWITT
 SPECIAL DISTRICTS ADMINISTRATOR

TOWNS used 1.6 persons per unit for exist
 1.58 person per unit for futur
 187 gpcd

CITY OF PISMO BEACH
 RECEIVED

COUNTY
 ENGINEERING
 DEPARTMENT

March 11, 1987

MAR 12 1987

Mr. Dick Morrow
 City Council Member
 1000 Bello Street
 P. O. Box 3
 Pismo Beach, CA 934449

- CITY CLERK -

$1.6 \times 187 \text{ gpd} = 305.2 \text{ ac-ft} \times \frac{1 \text{ ft}^3}{7.48 \text{ gal}} \times \frac{1 \text{ ac}}{43560 \text{ sq ft}} = 0.32$
 $1.88 \times 187 \times 365 = (7.48 \times 43560) = 0.39 \times \frac{148}{187} = 0.31 \text{ AF}$
 $\frac{148}{187} = 0.26 \text{ AF}$
 YL

ROADS
 TRANSPORTATION
 FLOOD CONTROL
 WATER CONSERVATION
 COUNTY SURVEYOR
 SPECIAL DISTRICTS

Subject: Per Capita Water Use Factors San Luis Obispo County

Dear Councilman Morrow:

At the California Water Resources Association meeting in Santa Maria last Thursday, you asked me about the reasonable use per household of water in the City of Pismo Beach for planning purposes. After returning to my office, I looked at the San Luis Obispo County Master Water Plan Update which is dated March 1986. From that report I have enclosed Table 2 "Per Capita Water Use Factors, San Luis Obispo County, Base Year 1985," along with a copy of a Figure 5 which shows the M & I (Municipal and Industrial) water demand in San Luis Obispo County. As you will see from that graph it shows two curves, the lower one representing conditions if our water conservation goal is achieved and the higher curve assumed that the status quo on per capita use would remain the same. From the lower curve we expect that water conservation will result in a 16% reduction in per capita use by the year 2010.

You will note from Table 2 that the gallons per capita per day with conservation for the City of Pismo Beach is shown to be 200. The 200 equates to 0.224 acre-foot per person per year. From that figure and taking your average population per household, you can readily calculate the household use. For example, if the average household contains 2.3 people in Pismo Beach, then the water requirement would be $0.224 \times 2.3 = 0.52$ acre-foot per year per household.

You will observe that Pismo Beach's water use factor is among the highest of the communities shown on the table. This no doubt reflects the large impact of tourism on the water use for the City of Pismo Beach.

I hope the above information will be of help.

Sincerely,

GEORGE C. PROTOPAPAS
County Engineer

Clinton

CLINTON MILNE
Deputy County Engineer

M/nt
Encl.

9635x

annual ground water replenishment over a selected period of average water conditions that contains both dry and wet years. The County's dependable surface water supplies and ground water supplies are estimated at 20,200* and 118,000 acre-feet a year, respectively, as shown in Table 8. Therefore, the ground water basins are being used to supply approximately 70,000 acre-feet per year more than their estimated dependable yield

It should be noted that the amount of water available from surface reservoirs would be somewhat larger than the so-called dependable yield during periods of normal or greater than normal precipitation. Moreover, when ground water extraction exceeds the amount annually replenished, as farmers have done during dry years in the past, the yield of ground water basins would be larger than the amount that has been reported in the past. This is because more storage space would be available to retain runoff from above normal precipitation. Further, if the amount of dependable yield is determined by assuming a conjunctive use of surface reservoirs with ground water basins, as many areas do today, the combined yield from the two sources would be larger than the sum of the yield from each source as determined independently.

Data are not available to enable one to estimate these additional amounts of yield, but they should be taken into consideration in planning future facilities.

Surface Water

The three reservoirs in the County, as shown in Figure 4, are Whale Rock Reservoir, Santa Margarita Lake (also called Salinas Reservoir), and Lopez Reservoir. San Luis Obispo County has an entitlement of 17,500 acre-feet of water from Nacimiento Reservoir, of

which 1,300 acre-feet has been contracted for use around the lake

TABLE 2
PER CAPITA WATER USE FACTORS*
SAN LUIS OBISPO COUNTY
Base year 1985

Planning area	Gallons per capita per day (with conservation)
Adelaida	170
El Pomar-Estrella	170
Estero	
Morro Bay	166 <i>why is 167 use</i>
Cayucos	150 <i>could that be?</i>
Los Osos	150 <i>have lots of motels</i>
Rural	120
Huasna-Lopez	120
Las Pilitas	170
Los Padres	170
Nacimiento	170
North Coast	
Cambria	140
Rural	100
Salinas River	
Atascadero	210 <i>why is 210 use - Hot. Ag</i>
Paso Robles	270 <i>why is 270 use - Hot. Ag</i>
San Miguel	220
Santa Margarita	140
Templeton	170
Rural	170
San Luis Bay	
Arroyo Grande	170
Avila Beach	190
Grover City	145
Oceano	130
Pismo Beach	200
Rural	120
San Luis Obispo	
City of SLO	160 <i>why is 160 - SLO?</i>
Rural	120 <i>low water - they have dig - dense many motels</i>
Shandon-Carrizo	200 <i>lots of commerce</i>
South County	
Nipomo	130
Rural	120

*Per capita water use factors for major communities were provided by San Luis Obispo County Planning Department. Per capita water use factors for rural area were provided by the Land and Water Use section, DWR Southern District.

*Includes 1,500 acre-feet of reclaimed water.

*200 gallons per capita per day
...
No - a good source 19*

TABLE 11
ANNUAL SUPPLEMENTAL WATER REQUIREMENT
SAN LUIS OBISPO COUNTY

Planning Area	Urban water demand		Supplemental water needed
	1985	2010	
Adelaida	514	853	339
El Pomar-Estrella	1,041	1,725	684
Estero	4,889	8,105	3,216
Huasna-Lopez	85	140	55
Las Pilitas	206	341	135
Los Padres	51	86	35
Nacimiento	183	303	120
North Coast	667	1,297	630
Salinas River	9,720	16,941	7,221
San Luis Bay	7,020	12,113	5,093
San Luis Obispo	7,867	11,971	4,104
Shandon-Carrizo	390	623	233
South County	1,743	2,889	1,146
Total*	34,000	57,000	23,000

*Rounded figures.
Assumptions:
1. Cost of imported water would be too expensive for agricultural operations.
2. Any increase in urban demand over current water demand will have to be met from supplemental sources.

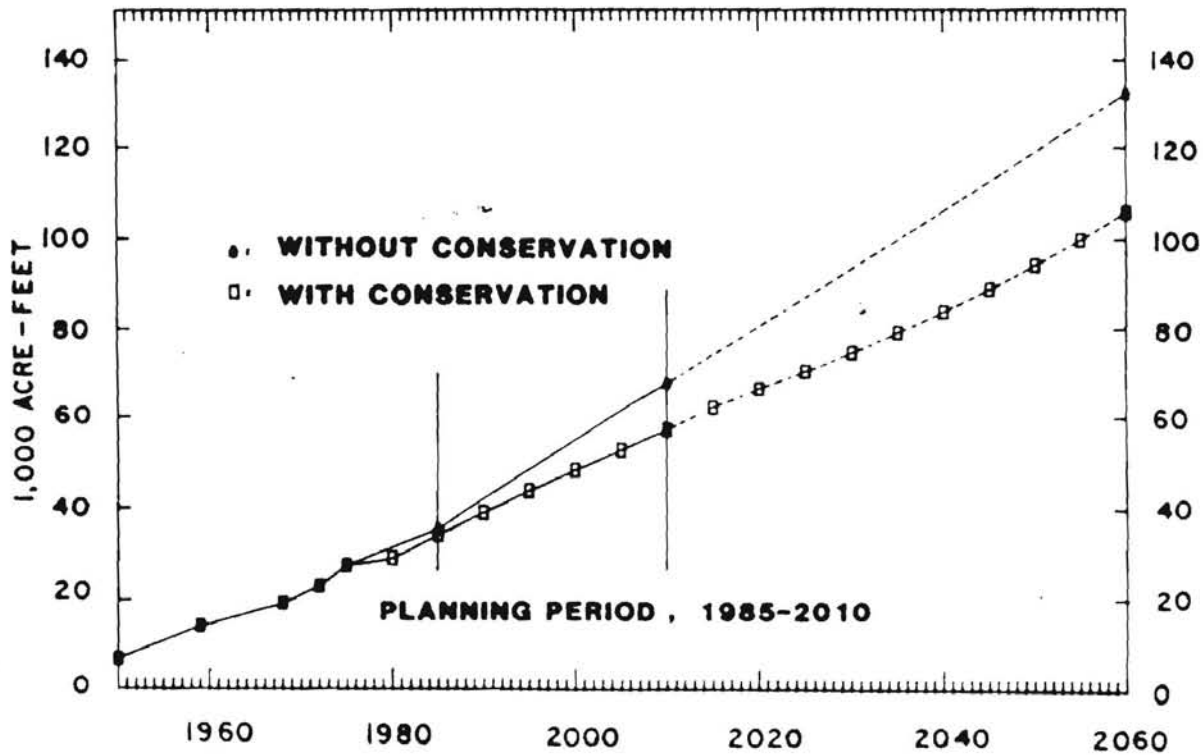


FIGURE 5 - M & I WATER DEMAND
SAN LUIS OBISPO COUNTY

WATER SUPPLY - DEMANDS - I

1. **FACTORS AFFECTING DEMAND** are population, per capita consumption, pressure, quality, cost, sewer facilities, climate, air conditioning, and use of meters. **LOT SIZE**
2. **INDUSTRIES** or other special large consumers should be carefully considered.
3. **EXTENSIONS OF SYSTEMS** Field survey of pressures and consumption is best guide to design.
4. **FUTURE** Systems and extensions are generally designed for 30 years hence.
5. **CAPACITY** of system should be sufficient to deliver maximum daily flow simultaneously with required fire flow (see p. 20-03). Fire flow generally governs design of distribution system especially for smaller systems.

TABLE A - AVERAGE DESIGN VALUES FOR MUNICIPAL WATER SYSTEMS

City	Population thousands	Average Consumption gallons per day per capita
Residential		100
Residential, Commercial and Industrial	25 - 50	148
	50 - 100	133
	Over 100	151

Based on well-regulated and well-operated system, good plumbing, and good metering. Values include public use, waste, and miscellaneous.

TABLE B - FACTORS AFFECTING DEMAND

Factor	Effect in %
Pressure ±	± 10
Quality ±	± 5
Cost ±	± 20
Absence of sewage facilities	- 10
Absence of meters	+ 20 to 100

Above table extremely approximate, to be used only preliminary to complete analysis and investigation.

TABLE C - FLUCTUATION OF DEMAND

Maximum Demand	% of Average Annual Demand
Monthly	140
Daily	120 - 240
Hourly: Without fire demand	150 - 220
Hourly: With Fire demand	200 - 500

TABLE E - PLUMBING FIXTURES*

(See Fig. C, p. 22-05 for factors of usage.)

Fixture	Excellent Flow g.p.m.	Pressure at Outlets (Faucets Wide Open), p.s.i.
Lavatory faucets, single	4	4
Bathtub faucets, single	6	5
Combination bathtub faucets	8	5
Sink faucets	6	5
Shower heads	6	3
Shower mixing valves	6	30
Water closets, tank type	5	5
Water closets, flush valves	30	25
Garden hose and nozzle	10	30 at hydrant

TABLE D - COMMERCIAL WATER CONSUMPTION IN THE BOROUGH OF MANHATTAN, N. Y. C.

Type of Building	Gallons per day per 1000 sq. ft.
Hotels	600 - 1100
Office buildings	100 - 500
Department stores	100 - 400
Apartment hotels	200 - 400
Average	300

TABLE G - MISCELLANEOUS REQUIREMENTS†

Domestic Fixtures:		Gallons
Filling the ordinary lavatory		1½
Filling the average bathtub		30
Flushing water cabinet closet		6
Shower bath		30
Lawn Fixture:		Gal. per hr.
½-inch hose with nozzle		200
¾-inch hose with nozzle		300
Lawn sprinkler		120
Continuous-flowing drinking fountain		90
Farm Animals:		Gal. per day
Each cow or horse		10
Each hog or sheep		5
100 chickens		4

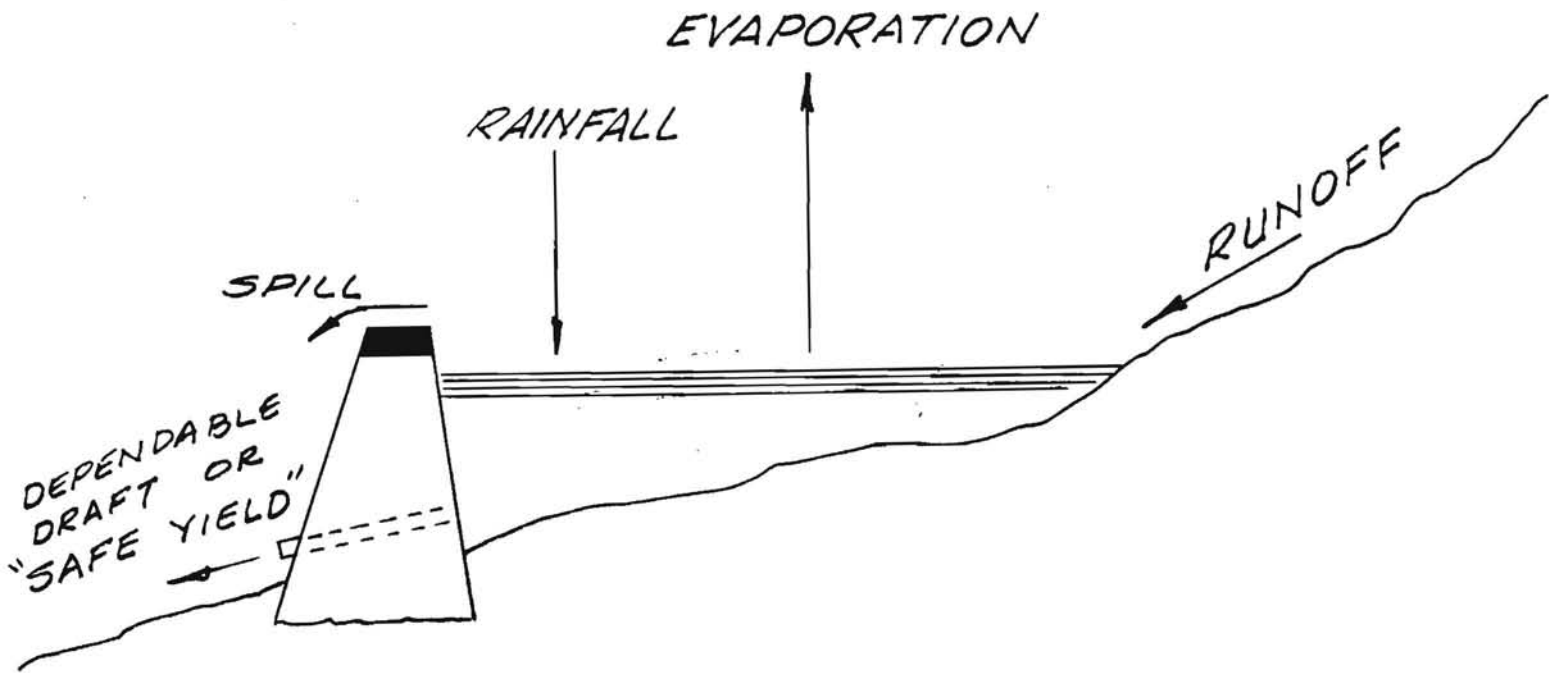
TABLE F - AVERAGE DESIGN VALUES FOR INSTITUTIONAL AND PRIVATE SYSTEMS

Description	Gals. per cap. per day
Camps	25 - 40
Small dwellings, farmhouses, etc.	40 - 60
Large dwellings, boarding schools, etc. NOTE	75 - 100
Institutions (except hospitals)	75 - 125
Hospitals	150 - 250
Day Schools	15
Day Schools with showers	20
Factories	25

* Data from Davis, *Handbook of Applied Hydraulics*, McGraw-Hill.

† Data from Peerless Pump Co.

SAFE YIELD LOPEZ



If the selected safe yield is too great, the reservoir will dry up during a drought cycle.

If the selected safe yield of the reservoir is too low, the reservoir will spill during a wet cycle.

With the uncertainty of the weather it is difficult, if not impossible, to determine the safe yield. However, the spills over the dam we have had indicate two things. The selected safe yield is too low and the dam height should be increased.

69, 70, 73, 74, 75, 78, 79, 80, 81, 82, 83, 84, 86

Year	Ground Water Extraction	Lopez Extraction	Total Extraction
1980	20.82 ✓	1079.46 ✓	1100.28
1979	74.69 ✓	1030.42 ✓	1105.11
1978	86.53 ✓	1010.38 ✓	1096.91
1977	17.22 ✓	1082.87 ✓	1100.09
1976	212.57 ✓	962.92 ✓	1175.49
1975	34.91 ✓	823.02 ?	857.93
1974	7.0 ✓	822.81 ✓	829.81
1973	0.0 ✓	787.92 ✓	787.92
1972	0.0 ✓	789.22 ✓	789.22**
1971	0.0	718.02 ?	718.02
1970	130.02	365.59 ?	495.61
1969	392.58 927.22 ✓	0.0	392.58
1968	449.39 562.37 ✓	0.0	449.39
1967	439.68 491.98 ✓	0.0	439.68
1966	482.07 471.10 ✓	0.0	482.07

** Water Code Section 1005 went into effect for San Luis Obispo County

Year	Ground Water Extraction	Lopez Extraction	Total Extraction
1968	449.39	0.0	449.39
1967	439.68	0.0	439.68
1966	482.07	0.0	482.07
1965	420.71	0.0	420.71
1964	541.01	0.0	541.01
1963	499.70	0.0	499.70
1962	525.98	0.0	525.98
1961	481.76	0.0	481.76
1960	434.28	0.0	434.28
1959	475.87	0.0	475.87
1958	424.00	0.0	424.00

TABLE 5
GROUNDWATER EXTRACTIONS BY URBAN ENTITIES
ARROYO GRANDE BASIN

500
3-0
387
12
353

Year (7/1-6/30)	Arroyo Grande		Grover City		Pismo Beach		Oceano		Total Wat Extracted Ac.-ft.
	Water Extr. Ac.-ft.	% of Total	Water Extr. Ac.-ft.	% of Total	Water Extr. Ac.-ft.	% of Total	Water Extr. Ac.-ft.	% of Total	
1954-55	500	37	346	26	383	28	124	9	1353
-56	625	40	415	26	376	24	153	10	1569
-57	655	37	482	27	423	24	193	12	1753
-58	705	38	500	27	424	24	223	11	1852
-59	936	39	675	28	476	20	287	13	2374
1959-60	970	39	758	30	434	17	333	14	2495
-61	964	36	799	30	482	19	402	15	2647
-62	1008	37	820	30	526	19	398	14	2752
-63	1068	39	799	29	500	18	357	14	2724
-64	1110	39	820	29	497	18	390	14	2817
1964-65	1117	41	804	29	463	16	348	14	2732
-66	1172	39	875	29	549	18	407	14	3003
-67	979	38	703	27	501	20	375	15	2558
-68	1202	42	757	26	499	20	421	12	2879
-69	1053	41	755	29	397	15	387	16	2592
1969-70	1135	43	753	28	371	14	408	15	2667
-71	292	52	81	14	73	13	117	21	563
-72	3	2	0	0	1	1	161	97	165
-73	16	4	176	42	31	7	198	47	421
-74	17	2	349	61	30	5	179	31	575
1974-75	8	1	215	43	30	6	251	50	504
-76	15	2	207	26	227	28	346	44	795
-77	15		375		No Records		323		