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2002  
ANNUAL REPORT  
OF  
DISTRICT WATER SYSTEM OPERATIONS  
OF

**Southern California Water Company**

(NAME OF CORPORATION)

Name of District: Orange County

Location: Los Alamitos, Orange  
(TOWN OR CITY) (COUNTY)

TO THE  
PUBLIC UTILITIES COMMISSION  
STATE OF CALIFORNIA  
FOR THE  
YEAR ENDED DECEMBER 31, 2002

REPORT MUST BE FILED NOT LATER THAN MARCH 31, 2003  
(FILE TWO COPIES IF THREE RECEIVED)

SCHEDULE A -1a							
Utility Plant In Service							
Line No.	Acct. No.	Account (a)	Balance Beginning of Year (b)	Plant Additions During Year (c)	Plant Retirements During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1		<b>I. INTANGIBLE PLANT</b>					
2	301	Organization	1,585	0			1,585
3	302	Franchise & consents (Sch. A-1b)	17,734	0			17,734
4	303	Other intangible plant	830,247	299,375			1,129,622
5		<b>Total Intangible Plant</b>	<b>849,566</b>	<b>299,375</b>	<b>0</b>	<b>0</b>	<b>1,148,941</b>
6		<b>II. LANDED CAPITAL</b>					
7	306	Land and land rights	615,711	48			615,759
8		<b>III. SOURCE OF SUPPLY PLANT</b>					
9	311	Structure and improvements	22,118	0			22,118
10	312	Collecting and impounding reservoirs		0			
11	313	Lake, river and other intakes		0			
12	314	Springs and tunnels		0			
13	315	Wells	2,199,815	1,081,670	(2,200)		3,279,285
14	316	Supply mains	2,051,601	(32,968)	0		2,018,633
15	317	Other source of supply plant		0			
16		<b>Total Source of Supply Plant</b>	<b>4,273,534</b>	<b>1,048,702</b>	<b>(2,200)</b>	<b>0</b>	<b>5,320,036</b>
17		<b>IV. PUMPING PLANT</b>					
18	321	Structures and improvements	888,298	10,554	(27,323)	0	871,529
19	322	Boiler plant equipment		0			
20	323	Other power production equipment		0			
21	324	Pumping equipment	5,918,556	326,071	(457,104)		5,787,523
22	325	Other pumping plant	266,311	19,660			285,971
23		<b>Total Pumping Plant</b>	<b>7,073,165</b>	<b>356,285</b>	<b>(484,427)</b>	<b>0</b>	<b>6,945,023</b>
24		<b>V. WATER TREATMENT PLANT</b>					
25	331	Structures and improvements	1,238,970	14,747	(24,205)		1,229,511
26	332	Water treatment equipment	543,968	0	(90,571)		453,397
27		<b>Total Water Treatment Plant</b>	<b>1,782,938</b>	<b>14,747</b>	<b>(114,776)</b>	<b>0</b>	<b>1,682,908</b>
28		<b>VI. TRANSMISSION AND DIST. PLANT</b>					
29	341	Structures and improvements	3,061	0			3,061
30	342	Reservoirs and tanks	2,725,105	542,473	(3,821)		3,263,757
31	343	Transmission and distribution mains	30,091,683	776,679	(37,925)		30,830,437
32	344	Fire mains		0			
33	345	Services	10,805,539	384,115	(9,168)		11,180,487
34	346	Meters	6,951,472	167,299	(7,900)		7,110,871
35	347	Meter installations		0			
36	348	Hydrants	6,159,340	127,809	(42,384)		6,244,766
37	349	Other transmission and distribution plant	403,370	0			403,370
38		<b>Total Transmission &amp; Distribution Plant</b>	<b>57,139,571</b>	<b>1,998,375</b>	<b>(101,198)</b>	<b>0</b>	<b>59,036,748</b>
39		<b>VII. GENERAL PLANT</b>					
40		General Office Net Investment					
41	371	Structures and improvements	479,461	0			479,461
42	372	Office furniture and equipment	337,262	0			337,262
43	373	Transportation equipment	645,241	0		22,868	668,109
44	374	Stores equipment	0	0			0
45	375	Laboratory equipment	1,698	0			1,698
46	376	Communication equipment	63,946	0			63,946
47	377	Power operated equipment	277,887	0			277,887
48	378	Tools, shop and garage equipment	175,726	(0)			175,726
49	379	Other general plant	56	0			56
50		<b>Total General Plant</b>	<b>1,981,276</b>	<b>(0)</b>	<b>0</b>	<b>22,868</b>	<b>2,004,144</b>
51		<b>VIII. UNDISTRIBUTED ITEMS</b>					
52	390	Other tangible property	14,050	0			14,050
53	391	Utility plant purchased	1,839,244	0			1,839,244
54	392	Utility plant sold		0			
55		<b>Total Undistributed Items</b>	<b>1,853,294</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,853,294</b>
56		<b>Total Utility Plant In Service</b>	<b>75,569,054</b>	<b>3,717,532</b>	<b>(702,601)</b>	<b>22,868</b>	<b>78,606,853</b>

**SCHEDULE A-3a**  
**Analysis of Entries in Depreciation Reserve - Account No.250**

Line No.	Acct. No.	DEPRECIABLE PLANT (a)	Balance Beginning of Year (b)	Credits to Reserve During Year Excl. Salvage (c)	Debits to Reserve During Year Excl. Cost Removal (d)	Salvage and Cost of Removal Net (dr.) or Cr. (e)	Balance End of Year (f)
1		<b>I. INTANGIBLE PLANT</b>					
2	301	Organization	0	0			0
3	302	Franchise & Consents (Sch. A-1b)	(413,885)	0			(413,885)
4	303	Other Intangible Plant	(172,264)	1,588			(170,876)
5		<b>Total Intangible Plant</b>	<b>(586,149)</b>	<b>1,588</b>	<b>0</b>	<b>0</b>	<b>(584,561)</b>
6		<b>I. SOURCE OF SUPPLY PLANT</b>					
7	311	Structure and improvements	(1,494)	(498)			(1,992)
8	312	Collecting and impounding reservoirs	0				0
9	313	Lake, river and other intakes	0				0
10	314	Springs and tunnels	0				0
11	315	Wells	(400,049)	(56,624)	2,200		(454,473)
12	316	Supply mains	(306,423)	(41,852)			(348,275)
13	317	Other source of supply plant	0				0
14		<b>Total Source of Supply Plant</b>	<b>(707,966)</b>	<b>(98,974)</b>	<b>2,200</b>	<b>0</b>	<b>(804,740)</b>
15		<b>II. PUMPING PLANT</b>					
16	321	Structures and improvements	(288,021)	(15,878)	27,323		(276,576)
17	322	Boiler plant equipment	0				0
18	323	Other power production equipment	0				0
19	324	Pumping equipment	(1,340,076)	(232,726)	457,532	14,401	(1,100,869)
20	325	Other pumping plant	(33,462)	(7,537)			(40,999)
21		<b>Total Pumping Plant</b>	<b>(1,661,559)</b>	<b>(256,141)</b>	<b>484,855</b>	<b>14,401</b>	<b>(1,418,444)</b>
22		<b>III. WATER TREATMENT PLANT</b>					
23	331	Structures and improvements	(120,586)	(35,896)	24,205		(132,277)
24	332	Water treatment equipment	(586,275)	(16,444)	90,571		(512,148)
25		<b>Total Water Treatment Plant</b>	<b>(706,861)</b>	<b>(52,340)</b>	<b>114,776</b>	<b>0</b>	<b>(644,425)</b>
26		<b>IV. TRANS AND DIST. PLANT</b>					
27	341	Structures and improvements	(2,573)	(75)			(2,648)
28	342	Reservoirs and tanks	(681,721)	(88,293)	3,821	18,090	(748,103)
29	343	Transmission and distribution mains	(7,138,636)	(463,412)	37,925	5,306	(7,558,817)
30	344	Fire mains	0				0
31	345	Services	(3,288,491)	(318,763)	9,084	3,416	(3,594,754)
32	346	Meters	(1,570,596)	(312,121)	7,900	(974)	(1,875,791)
33	347	Meter installations	0				0
34	348	Hydrants	(1,875,998)	(113,948)	42,384	249	(1,947,313)
35	349	Other transmission and distribution plant	(190,254)	(16,619)			(206,873)
36		<b>Total Transmission &amp; Distribution Plant</b>	<b>(14,748,269)</b>	<b>(1,313,231)</b>	<b>101,114</b>	<b>26,087</b>	<b>(15,934,299)</b>
37		<b>V. GENERAL PLANT</b>					
38	371	Structures and improvements	(103,083)	(11,267)			(114,350)
39	372	Office furniture and equipment	(156,889)	(22,057)			(178,946)
40	373	Transportation equipment	(583,507)	(82,139)			(665,646)
41	374	Stores equipment	0				0
42	375	Laboratory equipment	(1,699)				(1,699)
43	376	Communication equipment	(55,185)	(2,750)			(57,935)
44	377	Power operated equipment	(136,431)	(10,643)			(147,074)
45	378	Tools, shop and garage equipment	(57,994)	(7,591)			(65,585)
46	379	Other general plant	(56)				(56)
47	390	Other tangible property	(6,548)	(596)			(7,144)
48	391	Water plant purchased	(729,207)	(55,913)			(785,120)
49		<b>Total General Plant</b>	<b>(1,830,599)</b>	<b>(192,956)</b>	<b>0</b>	<b>0</b>	<b>(2,023,555)</b>
50		<b>TOTAL</b>	<b>(20,241,403)</b>	<b>(1,912,054)</b>	<b>702,945</b>	<b>40,488</b>	<b>(21,410,024)</b>

**SCHEDULE A-3  
Depreciation and Amortization Reserves**

Line No.	Item (a)	Account 250 Utility Plant (b)	Acct. 251 Limited-Term Utility Investment (c)	Acct. 252 Utility Plant Acquisition Adjustments (d)	Account 253 Electric Other Property (e)
1	Balance in reserves at beginning of year (adj'ted)	19,655,254	582,315	0	0
2	Add: Credits to reserves during year				
3	(a) Charged to Account No. 503	1,728,001	(1,589)		
4	(b) Charged to Account No. 265	82,518			
5	(c) Charged to clearing accounts	103,123			
6	(d) Salvage recovered	974			
7	(e) All other credits (Beg. bal. adj'ted)				
8	<b>Total Credits</b>	<b>1,914,616</b>	<b>(1,589)</b>	<b>0</b>	<b>0</b>
9	Deduct: Debits to reserves during year				
10	(a) Book cost of property retired	702,945			
11	(b) Cost of removal	41,462			
12	(c) All other debits				
13	<b>Total Debits</b>	<b>744,407</b>	<b>0</b>	<b>0</b>	<b>0</b>
14	<b>Balance in Reserves at Year End</b>	<b>20,825,463</b>	<b>580,726</b>	<b>0</b>	<b>0</b>
15	State method of determining depreciation charges.	SLRL			
16					
17					
18	Report the depreciation claimed in your Federal Income Tax Return for the year \$				NOT AVAILABLE BY DISTRICT
19	Indicate the nature of these items and show the accounts affected by the centre entries.				

**SCHEDULE B-1  
Operating Revenues**

Line No.	Acct. No.	Account (a)	Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Brackets) (d)
22		<b>I. WATER SERVICE REVENUES</b>			
23	601	Metered sales to general customers			
24	601.1	Commercial sales	24,468,950	24,306,667	162,283
25	601.2	Industrial sales	91,249	67,096	24,153
26	601.3	Sales to public authorities	1,536,931	1,362,488	174,443
27		<b>Sub-total</b>	<b>26,097,130</b>	<b>25,736,251</b>	<b>360,879</b>
28	602	Unmetered sales to general customers			
29	602.1	Commercial sales	0	0	0
30	602.2	Industrial sales			0
31	602.3	Sales to public authorities			0
32		<b>Sub-total</b>	<b>0</b>	<b>0</b>	<b>0</b>
33	603	Sales to irrigation customers			
34	603.1	Metered sales	613,598	109,617	503,981
35	603.2	Unmetered sales			
36		<b>Sub-total</b>	<b>613,598</b>	<b>109,617</b>	<b>503,981</b>
37	604	Private fire protection service	260,803	249,548	11,255
38	605	Public fire protection service			
39	606	Sales to other water utilities for resale	53,814	52,651	1,163
40	607	Sales to governmental agencies by contracts			
41	608	Interdepartmental sales			
42	609	Other sales or service	23,106	7,261	15,845
43		<b>Sub-total</b>	<b>337,723</b>	<b>309,460</b>	<b>28,263</b>
44		<b>Total Water Service Revenue</b>	<b>27,048,451</b>	<b>26,155,328</b>	<b>893,123</b>
45					
46		<b>II. OTHER WATER REVENUES</b>			
47	611	Miscellaneous service revenue	10,935	10,141	794
48	612	Rent from water property	0	0	
49	613	Interdepartmental rents			
50	614	Other water revenues	84,040	41,413	42,627
51		<b>Total Other Water Revenues</b>	<b>94,975</b>	<b>51,554</b>	<b>43,421</b>
52	501	<b>Total Operating Revenues</b>	<b>27,143,426</b>	<b>26,206,882</b>	<b>936,544</b>

SCHEDULE B-2								
Account No. 502 - Operating Expense - Class A, B, and C Water Utilities								
Line No.	Acct. No.	Account (a)	Class			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During the Year (d)
			A	B	C			
1		I. SOURCE OF SUPPLY EXPENSE						
2		Operation						
3	701	Operation supervision and engineering	A	B		(92,407)	(159,666)	67,259
4		Supply cost balancing account						
5	702	Operation labor and expenses	A	B		1,085	2,406	(1,321)
6	703	Miscellaneous expenses	A			74	2,924	(2,850)
7	704	Purchased water and assessments	A	B	C	5,253,542	3,977,617	1,275,925
8		Maintenance						
9	706	Maintenance of supervision and engineering	A	B				
10	706	Maintenance of structures and facilities			C			
11	707	Maintenance of structures and improvements	A	B				
12	708	Maintenance of collect and impound reservoirs	A			45,181	9,801	35,380
13	708	Maintenance of source of supply facilities		B				
14	709	Maintenance of lakes, river and other intakes	A			0	686	(686)
15	710	Maintenance of springs and tunnels	A					
16	711	Maintenance of wells	A			80,445	46,860	33,585
17	712	Maintenance of supply mains	A			1,597	4,929	(3,332)
18	713	Maintenance of other source of supply plant	A	B				
19		<b>Total Source of Supply Expense</b>				<b>5,289,517</b>	<b>3,885,557</b>	<b>1,403,960</b>
20		II. PUMPING EXPENSES						
21		Operation						
22	721	Operation supervision and engineering	A	B		0	128	(128)
23	721	Operation supervision, labor and expenses			C			
24	722	Power production labor and expenses	A					
25	722	Power production labor, expenses and fuel		B				
26	723	Fuel for power production	A					
27	724	Pumping labor and expenses	A	B		203,726	211,907	(8,181)
28	725	Miscellaneous expenses	A			69,481	68,962	519
29	726	Fuel or power purchased for pumping	A	B	C	1,296,269	1,277,933	18,336
30		Maintenance						
31	729	Maintenance supervision and engineering	A	B		0	0	
32	729	Maintenance of structures and equipment			C			
33	730	Maintenance of structures and improvements	A	B		44,931	5,612	39,319
34	731	Maintenance of power production equipment	A	B				
35	732	Maintenance of pumping equipment	A	B		137,641	90,869	46,772
36	733	Maintenance of other pumping plant	A	B				
37		<b>Total pumping expenses</b>				<b>1,752,048</b>	<b>1,655,411</b>	<b>96,637</b>
38		III. WATER TREATMENT EXPENSES						
39		Operation						
40	741	Operation supervision and engineering	A	B		0	0	
41	741	Operation supervision, labor and expenses			C			
42	742	Operation labor and expenses	A			171,389	136,034	35,355
43	743	Miscellaneous expenses	A	B				
44	744	Chemical and filtering materials	A	B		106,913	102,559	4,354
45		Maintenance						
46	746	Maintenance supervision and engineering	A	B		0	0	
47	746	Maintenance of structures and equipment			C			
48	747	Maintenance of structures and improvements	A	B		6,192	2,666	3,526
49	748	Maintenance of water treatment equipment	A	B		13,799	3,412	10,387
50		<b>Total Water Treatment Expenses</b>				<b>298,293</b>	<b>244,671</b>	<b>53,622</b>
51		IV. TRANS. AND DISTRIB. EXPENSES						
52		Operation						
53	751	Operation supervision and engineering	A	B		8,089	9,973	(1,884)
54	751	Operation supervision, labor and expenses			C			
55	752	Storage facilities expenses	A			0	0	
56	752	Operation labor expenses		B				
57	753	Transmission and distribution line expenses	A			128,388	124,959	3,429
58	754	Meter expenses	A			68,966	80,535	(11,569)
59	755	Customer installations expenses	A			68,794	65,713	3,081
60	756	Miscellaneous expenses	A			292,079	255,066	37,013



**SCHEDULE B - 4  
Taxes Charged During Year**

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (b)	DISTRIBUTION OF TAXES CHARGED			
			Water 507 (c)	Nonutility 521 (b)	Other (Electric) (c)	Capitalized (f)
1	Taxes on Real and Personal Property	257,700	257,700			
2	State Income Tax	453,336	453,336			
3	State Unemployment Insurance Tax	2,404	2,404			
4	Local Franchise Fees	320,587	320,587			
5	Federal Unemployment Insurance Tax	1,749	1,749			
6	Federal Insurance Contribution Act	96,245	96,245			
7	Federal Income Tax	1,631,532	1,631,532			
8	Pump Taxes	2,648,549	2,648,549			
9						
10						
11						
12						
13						
14	<b>Totals</b>	<b>5,412,102</b>	<b>5,412,102</b>	<b>0</b>	<b>0</b>	<b>0</b>

SCHEDULE D - 1 Sources of Supply and Water Developed									
STREAMS				FLOW IN				Annual Quantities Diverted CCF	Remarks
Line No.	Diverted Into	From Stream or Creek	Location of Diversion Point	Priority Right		Diversions			
				Claim	Capacity	Max.	Min.		
1									
2				NONE					
3									
4									
5									
WELLS					Pumping Capacity	Annual Quantities Pumped	Remarks		
Line No.	At Plant	Location	Number	Dimensions				Depth to Water	
6									
7									
8				SEE SCHEDULE ATTACHED					
9									
10									
TUNNELS AND SPRINGS				FLOW IN		Annual Quantities Pumped	Remarks		
Line No.	Designation	Location	Number	Maximum	Minimum				
11									
12				NONE					
13									
14									
15									
Purchased Water for Resale									
16	Purchased from								
17	Annual quantities purchased from NONE								
18									
19									
SCHEDULE D - 2 Description of Storage Facilities									
Line No.	Type	Number	Combined Capacity	Remarks					
20	A. Collecting reservoirs								
21	Concrete								
22	Earth								
23	Wood				SEE SCHEDULE ATTACHED				
24	B. Distribution reservoirs								
25	Concrete								
26	Earth								
27	Wood								
28	C. Tanks								
29	Wood								
30	Metal								
31	Concrete								
32	<b>Totals</b>			0	0				



Plant Facility Index

Region: Ill  
 District: Orange County  
 CSA: Placentia  
 System: Cowan Heights/Lemon Heights

Plant	Major Facility	Year Built	Base Elev.	2001 Prod (AF)	Wells			Pumps				Tanks			Remarks
					Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	
Clearview	Booster A		790						H.S.C.		5	70			Boosters to Timberline Zone
	Booster B North Resv South Resv								E.S.		5	70			
Fairhaven 5S09W04D2 5S09W04D1	Well 1	1965		858	954	15.5	360			Elec	150	750			Well #1 to sand separator. Wells to Newport Reservoir.
	Well 2	Ukn		682		21.5	358			Sub	100	750			
Fox Run	Booster A								H.S.C.		50	600			Boosters take suction from E.O.C.W.D.
	Booster B								E.S.		50	600			
	Booster C								E.S.		50	600			
	Booster D EOCWD Connection			775					H.S.C.		50	600			
Hunting Horn	Reservoir														Boosters pump to Timberline Reservoir.
Hunting Horn	Reservoir		629												Boosters take suction from E.O.C.W.D.
	Reservoir														Boosters pump to Timberline Reservoir.
Kimberwicke	Booster A	1984							V. In-Line		5	100			Boost water from Clearview Gradient to Kimberwicke Gradient.
	Booster B	1984							V. In-Line		5	100			
La Vereda	Booster A								H.S.C.						Pumps to Hunting Horn. Floats on system.
	Booster B Reservoir		448						H.S.C.						
Newport	Booster A								V.T.		75	700			Boosters A and B to Peacock Zone. Boosters C and D to La Vereda Zone.
	Booster B								V.T.		75	660			
	Booster C								V.T.		25	400			
	Booster D EOCWD Connection			127					V.T.		25	355			
	EOCWD Connection Reservoir			375								800			
Peacock Hill	Booster A		293						V.T.		50	500			Boosters to Clearview storage and system. EOCWD to Reservoir
	Booster B								V.T.		100	1100			
	Booster C								V.T.		100	1000			
	EOCWD Connection Reservoir			254								900			

# Plant Facility Index

Region: III  
 District: Orange County  
 CSA: Placentia  
 System: Cowan Heights/Lemon Heights

Plant	Major Facility	Year Built	Base Elev.	2001 Prod (AF)	Wells		Pumps				Tanks			Remarks		
					Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)		Type	Material
EOCWD Connection			588	9												
Skyline Timberline	Booster A Booster B Reservoir								E.S. E.S.		5 5	700 75 75		1.00		Floats on Timberline Gradient. Boosters pump to the Timberline Booster Gradient.

Plant Facility Index

Region: III  
 District: Orange County  
 CSA: Placentia  
 System: Placentia

Plant	Major Facility	Year Built	Base Elev.	2001 Prod (AF)	Wells		Pumps				Tanks			Remarks		
					Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)		Type	Material
Bradford 3S10W36H01V 3S10W36H02V	Well 3	1934		462	496	14	260			50	400					Wells to System
	Well 4	1955		1239	550	16	210			100	100					
Chapman	Booster A								V.T.		500					Boosters to North System
	Booster B								V.T.		500					
	Booster C Reservoir								V.T.		500					Tank out of Service Boosters to system
Golden	Booster A								V.T.		1000					
	Booster B								V.T.		800					
	Booster C Reservoir								V.T.		1175			0.05	Steel	
La Jolla 4S10W01B01V	Well 2	1948		1217	505	12	230			100	500			1.50	Conc	Well to System
OC-37	MWDOC Connection			2758												
OC-56	MWDOC Connection			827												
Ruby	Well 1	1998		998	500	16										Well to North Zone

# Plant Facility Index

Region: Ill  
 District: Orange County  
 CSA: Placentia  
 System: Yorba Linda

Plant	Major Facility	Year Built	Base Elev.	2001 Prod (AF)	Wells			Pumps			Tanks			Remarks		
					Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)		Type	Material
Ballad College	Well 1	1962	274	0	162	16	81	Sub		60	800		0.01	Pressure	Steel	Well through tank to system. Storage by gravity to system. Connection out of service
	Reservoir MWDOC Connection		695	0									1.00		Conc	
Concerto	Well 1	1963	279	0	125	16	80	Sub		50	600					Well 1 through pressure regulator and to system. Well 2 to system using Ion Exchange and variable speed control. Boosters to College zone.
	Well 2	1992	279	1,053	600	18	160	VFD		200	2100					
Fairmont	Booster A							V.T.		40	600					Booster to upper system. Storage by gravity to lower system.
	Booster B							V.T.		40	600					
Larkridge	Booster A							H.S.C.		15	200					Booster to system and Larkridge Tanks. Wells to Tank
	Booster B							E.S.		20	300		0.35		Steel	
Linda Vista	North Tank															Booster to system and Larkridge Tanks. Wells to Tank
	South Tank															
	Reservoir															
Linda Vista	Booster A		366					V.T.		30	325					Booster to system and Larkridge Tanks. Wells to Tank
	Booster B		366					V.T.		40	400					
	Booster C		366					V.T.		50	600					

Plant Facility Index

Region: III  
 District: Orange County  
 CSA: Los Alamitos  
 System: West Orange County

Plant	Major Facility	Year Built	Base Elev.	2001 Prod (AF)	Wells		Pumps				Tanks		Remarks		
					Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)		Volume (MG)	Type
Ball Road 4S11W21A01V	Well 1	1961		1,438	990	16	145		V.T.	Elec	100	800			Well to sand trap to system with pressure regulator.
Baskerville 4S11W30E01V	Well 2	1960		1	500	16	188		Sub	Elec	75	700			Well to system with pressure regulator and sand trap.
Beach 4S11W33H03V	Well 1	1988		1,492	600	14	135		V.T.	Elec	125	1000			Well to system.
Bloomfield	Well 2	1997		2,079	690	16	220		V.T.	Elec	200	1800			Well to system.
Cerritos 4S10W19F01V	Well 1	1950		0	158	12	131		V.T.	Elec	40	350			To be abandoned
Cherry 4S11W19Q03V	Well 2	1940			306	10									Cherry #2 to be abandoned
4S11W19Q02V	Well 3	1940		343	632	12	160		V.T.	Elec	40	375			Well to system through PSV and sand trap.
Clair 4S11W24M01	Well 3	1926		449	585	12	165		V.T.	Elec	30	350			Wells to sand trap to system.
4S11W24M02	Well 4	1950		630	530	14	185		V.T.	Elec	50	515			
Dale 4S11W26Q01V	Well 1	1953		430	562	12	150		V.T.	Elec	40	475			Well to system.
First St. Well 1						Unk									Site Purchased from Tract 868. Not in service.
Well 2						Unk									
Florida 4S11W19R01	Well 1	1990		1,046	720	18	280		V.T.	Elec	75	1200			Well to aerator & reservoir.
Booster A							400'		V.T.		40	600			
Booster B									V.T.		60	1000			
Booster D									V.T.		75	1000			
Booster E									V.T.		75	1470			
Booster F									V.T.		75	1470			
Booster G									V.T.		75	1470			
West Resv													1.5	Ground	Steel
Center Resv													1.5	Ground	Steel
East Resv													1.5	Ground	Steel
Foster 4S12W36I01	Well 1	1959		0	680	16 & 30									Not equipped.
Howard 4S11W29C01V	Well 1	1954		1,273	520	14	160		V.T.	Elec	100	900			Well to pressure regulator to system.
Kempton 4S11W31D01	Well 1	1957		0	812	16									Well no longer equipped.
Lowden 4S11W23L05V	Well 1	1958		329	778	12	170		V.T.	Elec	25	200			Well to system.
Lowell 4S11W23L03V	Well 1	1924		886	564	12	165		Sub	Elec	50	600			Well to system.

Plant Facility Index

Region: III  
 District: Orange County  
 CSA: Los Alamitos  
 System: West Orange County

Plant	Major Facility	Year Built	Base Elev.	2001 Prod (AF)	Wells			Pumps			Tanks			Remarks	
					Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Pump Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)		Type
Montecito 4S11W31F05V	Well 1	1959		0	720	16	156		Sub	Elec	60	500			Well to sand trap to system through pressure regulator.
OC-26	MWDOC Connection			1,092								4500			Connection thru PRV to System
OC-55	MWDOC Connection			1,350								11200			Connection thru PRV to System
OC-61	MWDOC Connection			579								9000			Connection thru PRV to System
Orangewood 4S11W26J02V	Well 1	1944		960	302	14	143		Sub	Elec	50	700			Well to system with pressure regulator.
Santa Paula 4S11W26R01V	Well 1	1953		599	602	12	166.5		V.T.	Elec	50	410			Well to pressure tank.
Sherrill 4S11W24J02V	Well 1	1963		681	618	12	150		V.T.	Elec	75	800			Well to pressure tank.
Simone 4S11W08H03V	Well 1	1961		0	900	16	211		V.T.	Elec	100	750			Well to system with pressure regulator.
South Cypress 4S11W16G01V	Well 1	1949		752	600	12 & 14	160		V.T.	Elec	100	650			Well to pressure regulator to system.
Sycamore 4S11W36N01V	Well 1	1950		610	568	12	138		V.T.	Elec	40	400			Well to system.
Valley View 4S11W16H02V	Well 1	1964		251	670	14	220		V.T.	Elec	100	650			Well to pressure tank through pinched gate valve.
Yellowtail 4S11W31P01V	Well 1	1960		771	812	16	153		Sub	Elec	75	875			Well to system with pressure regulator.

SCHEDULE D - 3										
Description of Transmission and Distribution Facilities										
A. LENGTH OF DITCHES, FLUMES AND LINED CONDUITS IN MILES FOR VARIOUS CAPACITIES										
Capacities in Cubic Feet per Second or Miner's Inch										
Line No.		0 to 5	5 to 10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 75	76 to 100	
1	Ditch									
2	Flume									
3	Lined conduit									
4										
5	Totals	0	0	0	0	0	0	0	0	
A. LENGTH OF DITCHES, FLUMES AND LINED CONDUITS IN MILES FOR VARIOUS CAPACITIES - concluded										
Capacities in Cubic Feet per Second or Miner's Inch										
Line No.		101 to 200	201 to 300	301 to 200	401 to 500	501 to 750	751 to 1000	Over 1000	TOTAL	
6	Ditch									
7	Flume									
8	Lined conduit									
9										
10	Totals	0	0	0	0	0	0	0	0	
B. FOOTAGE OF PIPE BY INSIDE DIAMETERS IN INCHES - NOT INCLUDING SERVICE PIPING										
Line No.		1	1 1/2	1 1/4	2	3	4	5	6	8
11	Cast iron				220		28,149		41,651	15,136
12	Ductile Iron						1,850		5,926	76,010
13	Concrete									
14	Copper				605					
15	Riveted stool									
16	Standard steel	7,255	1,106	158	33,740	22,693	7,335		12,092	4,679
17	Screw or welded casing									
18	Cement - asbestos					130	172,744	75	706,558	579,100
19	Polyvinylchloride	140			660		845		2,658	47,759
20	Wood									
21	Plastic				389		3,509		6,797	7,935
22	Other				31	228				
23	Totals	7,395	1,106	168	35,645	23,051	214,432	75	775,682	730,619
B. FOOTAGE OF PIPE BY INSIDE DIAMETERS IN INCHES - NOT INCLUDING SERVICE PIPING - concluded										
Line No.		10	12	14	16	18	20	22	36	TOTAL
24	Cast iron	2,550	1,720	443	175					90,044
25	Ductile Iron	4,777	39,093	668	5,418		719			134,481
26	Concrete									0
27	Copper									605
28	Riveted stool									0
29	Standard steel	712	3,168	214	1	10,000	84	76		103,313
30	Screw or welded casing									0
31	Cement - asbestos	160,116	166,626	13,739	5,042					1,804,130
32	Polyvinylchloride	1,303	23,350	13	4,955					81,683
33	Wood									0
34	Plastic	2,576	494							21,700
35	Other									259
36	Unclassified								557	557
27	Totals	172,034	234,451	15,077	15,591	10,000	803	76	557	2,236,752

**SCHEDULE D - 4  
Number of Active Service Connections**

Classification	Metered - Dec. 31		Flat Rate - Dec. 31	
	Prior Year	Current Year	Prior Year	Current Year
Commercial	40,383	40,257		
Industrial	28	44		
Public authorities	273	255		
Irrigation	57	344		
Other	2	11		
<b>Sub-total</b>	<b>40,743</b>	<b>40,911</b>	<b>0</b>	<b>0</b>
Private fire connections			565	584
Public fire hydrants				
<b>Total</b>	<b>40,743</b>	<b>40,911</b>	<b>565</b>	<b>584</b>

**SCHEDULE D - 5  
Number of Meters and Services on Pipe  
Systems at End of Year**

Size	Meters	Services	
5/8 x 3/4 - in.	50,387		
3/4 - in.	1,206	25,465	
1 - in.	11,880	12,503	
1 1/2 - in.	2,486	70	
2 - in.	4,025	2,641	
3 - in.	84	5	
4 - in.	33	134	
5 - in.		1	
6 - in.	66	112	
8 - in.	38	74	
10 - in.	1	3	
Other			
Unclassified	1,271	847	
<b>Total</b>	<b>71,477</b>	<b>41,865</b>	

**SCHEDULE D - 6  
Meter Testing Data**

- A. Number of meter tested during year as prescribed in Section VI of general order # 103:**
- 1 New, after being received: 0
  - 2 Used, before repair: 0
  - 3 Used, after repair: 0
  - 4 Found fast, requiring billing adj. 0
- B. Number of meters in service since last test:**
- 1 Ten years of less: 0
  - 2 More than 10, but less than 15 yr.: 0
  - 3 More than 15 years: 0

**SCHEDULE D - 7  
Water delivered to Metered Customers by Months and Years in CCF units**

of Service	Classification							Subtotal	Total
	January	February	March	April	May	June	July		
Commercial	742,463	793,689	793,969	861,723	918,364	1,081,447	5,191,655		
Industrial	1,563	2,434	2,043	2,442	2,592	4,634	15,708		
Public Authorities	28,854	38,109	47,892	63,381	78,792	94,319	351,327		
Irrigation	41,061	3,124	6,203	8,288	23,219	40,570	123,465		
Other	2,271	2,191	2,521	2,817	2,834	4,610	17,244		
<b>Totals</b>	<b>816,212</b>	<b>839,547</b>	<b>852,628</b>	<b>939,631</b>	<b>1,026,801</b>	<b>1,226,680</b>	<b>5,699,399</b>		

  

of Service	Classification							Subtotal	Total	Total
	July	August	September	October	November	December	January			
Commercial	1,117,308	1,208,629	1,237,990	1,113,416	944,859	919,900	6,542,102	11,733,757	11,530,357	
Industrial	4,893	5,030	6,239	5,059	3,024	5,051	29,296	45,004	34,560	
Public Authorities	120,714	128,285	120,778	102,349	73,570	52,679	598,375	949,702	811,369	
Irrigation	43,846	28,944	52,440	28,527	36,548	19,197	207,502	330,967	56,932	
Other	4,297	3,795	4,184	3,244	2,723	6,195	24,438	41,682	36,839	
<b>Totals</b>	<b>1,291,058</b>	<b>1,374,683</b>	<b>1,421,631</b>	<b>1,260,696</b>	<b>1,060,724</b>	<b>1,003,022</b>	<b>7,401,713</b>	<b>13,101,112</b>	<b>12,470,057</b>	

1 Quantity units to be in hundred of cubic feet, thousands of gallons, acre-feet, or miner inch-d Total Acres Irrigated      Total Population Served 165,980



**End of Year Balance in Selected Accounts**

Indicate the end of year balance shown in the district's accounting records for the following accounts:

131	Materials and supplies on hand	\$	<u>132,609</u>
100.3	Construction work in progress	\$	<u>1,641,813</u>
241	Advances for construction	\$	<u>9,337,921</u>
285	Contribution in aid of construction	\$	<u>4,599,081</u>

**Name of District Manager:** Henry Pulliam

**Address:** 1920 Corporate Way; Anaheim, California 92801

**Telephone:** 714/535-8010

This report sets forth book or allocated figures and other data pertaining to the **ORANGE COUNTY** district for the period from January 1, 2002 to December 31, 2002.

  
\_\_\_\_\_  
Signature

**Controller**  
\_\_\_\_\_

Title  
4/29/03  
\_\_\_\_\_ Date