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2003  
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, 2003

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	1,129,622	171,840			1,301,461
5		<b>Total Intangible Plant</b>	<b>1,148,940</b>	<b>171,840</b>	<b>0</b>	<b>0</b>	<b>1,320,780</b>
6		<b>II. LANDED CAPITAL</b>					
7	306	Land and land rights	615,759	13,607			629,366
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	3,279,285	3,455			3,282,740
14	316	Supply mains	2,018,633	0	0		2,018,633
15	317	Other source of supply plant		5,732			5,732
16		<b>Total Source of Supply Plant</b>	<b>5,320,035</b>	<b>9,187</b>	<b>0</b>	<b>0</b>	<b>5,329,222</b>
17		<b>IV. PUMPING PLANT</b>					
18	321	Structures and improvements	871,529	12,587	(7,201)	0	876,915
19	322	Boiler plant equipment		0			
20	323	Other power production equipment		0			
21	324	Pumping equipment	5,787,523	145,088	(100,159)		5,832,452
22	325	Other pumping plant	285,971	0			285,971
23		<b>Total Pumping Plant</b>	<b>6,945,024</b>	<b>157,675</b>	<b>(107,360)</b>	<b>0</b>	<b>6,995,338</b>
24		<b>V. WATER TREATMENT PLANT</b>					
25	331	Structures and improvements	1,229,511	1,725			1,231,236
26	332	Water treatment equipment	453,397	261,521	0		714,918
27		<b>Total Water Treatment Plant</b>	<b>1,682,909</b>	<b>263,246</b>	<b>0</b>	<b>0</b>	<b>1,946,154</b>
28		<b>VI. TRANSMISSION AND DIST. PLANT</b>					
29	341	Structures and improvements	3,061	0			3,061
30	342	Reservoirs and tanks	3,263,757	10,716	(11,435)		3,263,038
31	343	Transmission and distribution mains	30,830,437	964,547	(68,439)		31,726,546
32	344	Fire mains		0			
33	345	Services	11,180,487	896,152	(8,125)		12,068,514
34	346	Meters	7,110,871	190,155	(156,755)		7,144,272
35	347	Meter installations		0			
36	348	Hydrants	6,244,767	261,811	(26,588)		6,479,989
37	349	Other transmission and distribution plant	403,370	0			403,370
38		<b>Total Transmssion &amp; Distribution Plant</b>	<b>59,036,750</b>	<b>2,323,381</b>	<b>(271,342)</b>	<b>0</b>	<b>61,088,790</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	14,933			352,195
43	373	Transportation equipment	668,109	235,447	(181,760)		721,796
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	698			278,585
48	378	Tools, shop and garage equipment	175,726	5,938			181,664
49	379	Other general plant	56	0			56
50		<b>Total General Plant</b>	<b>2,004,143</b>	<b>257,016</b>	<b>(181,760)</b>	<b>0</b>	<b>2,079,399</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>78,606,854</b>	<b>3,195,951</b>	<b>(560,462)</b>	<b>0</b>	<b>81,242,343</b>

**SCHEDULE A-1d  
DISTRICT RATE BASE**

Line No.	Acct.	Title of Account (a)	Schedule Page No. (b)	Balance End-of-Year (c)	Balance Beginning of Year (d)
1		<b>RATE BASE</b>			
2					
3		Utility Plant			
4		Plant in Service		81,242,343	78,606,854
5		Construction Work in Progress		3,381,497	1,641,813
6		Acquisition Adjustment		53,344	53,344
7		<b>Total Gross Plant (Line 4 + Line 5 + Line 6)</b>		<b>84,677,184</b>	<b>80,302,011</b>
8					
9		Less Accumulated Depreciation			
10		Plant in Service		22,826,876	21,406,186
11		General Office Prorate			
12		<b>Total Accumulated Depreciation (Line 10 + Line 11)</b>		<b>22,826,876</b>	<b>21,406,186</b>
13					
14		Less Other Reserves			
15		Deferred Income Taxes		4,852,191	4,483,922
16		Deferred Investment Tax Credit		375,718	385,234
17		Other Reserves			
18		<b>Total Other Reserves (Line 15 + Line 16 + Line 17)</b>		<b>5,227,909</b>	<b>4,869,156</b>
19					
20		Less Adjustments			
21		Contributions in Aid of Construction		4,625,100	4,599,081
22		Advances for Construction		8,845,462	8,145,929
23		Other			
24		<b>Total Adjustments (Line 21 + Line 22 + Line 23)</b>		<b>13,470,562</b>	<b>12,745,010</b>
25					
26		Add Materials and Supplies		151,091	132,609
27					
28		Add Working Cash (From Schedule A-1d(2))		576,000	576,000
29					
		Add General Office, Regions, District office, CSA allocation		4,432,154	5,205,698
30					
31		<b>TOTAL RATE BASE</b>		<b>48,311,082</b>	<b>47,195,966</b>
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35		Note: Allocations from General Office to Regions, to District			
36		office to CSA is a one line item			
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**SCHEDULE A-1d (2)  
RATE BASE  
Working Cash Calculation**

Line No.	Accl.	Title of Account (a)	Schedule Page No. (b)	Balance End-of-Year (c)	Balance Beginning of Year (d)
1		<b>Working Cash</b>			
2					
3		<b>Determination of Operational Cash Requirement</b>			
4		1. Operating Expenses, Excl Taxes, Depr. & Uncoll.			
5		2. Purchased Power & Commodity for Resale*			
6		3. Meter Revenues: Bimonthly Billing			
7		4. Other Revenues: Flat Rate Monthly Billing			
8		5. Total Revenues (3 + 4)			
9		6. Ratio - Flat Rate to Total Revenues (4 / 5)			
10		7. $5/24 \times \text{Line 1} \times (100\% - \text{Line 6})$			
11		8. $1/24 \times \text{Line 1} \times \text{Line 6}$			
12		9. $1/12 \times \text{Line 2}$			
13		10. Operational Cash Requirement (7 + 8 - 9)		See Schedule attached	
14					
15					
16		* Electric power, gas or other fuel purchased for pumping and/or purchased commodity for resale billed after receipt (metered).			
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SOUTHERN CALIFORNIA WATER COMPANY  
ORANGE COUNTY DISTRICT

DEVELOPMENT OF AVERAGE LAG IN PAYMENT OF EXPENSES AND  
TAXES AND ACCRUING DEPRECIATION

	(a)	(b)	(c)	(d)
CPUC WUDF ACCOUNT DESCRIPTION		1998 PROPOSED (\$000's)	AVG. NO. OF DAYS LAG	THOUSAND DOLLAR-DAYS LAG
	OPERATING EXPENSES:			
1	70400 PURCHASED WATER	4,648.4	43.0	199,922.3
2	72600 POWER FOR PUMPING	853.4	26.0	24,769.1
3	73500 PUMP TAXES	1,740.3	107.0	186,209.4
4	74400 CHEMICALS	131.4	26.0	3,415.6
5	77300 COMMON CUSTOMER ACCOUNT	445.1	10.7	4,741.4
6	77325 POSTAGE	0.0	0.0	0.0
7	77500 UNCOLLECTIBLES	62.3	0.0	0.0
8	76000 OPERATION LABOR	1,196.9	12.5	14,960.8
9	78100 ALL OTHER OPERATION EXPENSES	436.2	26.0	11,393.2
10	78700 MAINTENANCE LABOR	359.2	12.5	4,490.5
11	76800 ALL OTHER MAINTENANCE EXPENSES	765.0	26.0	19,890.0
12	79200 OFFICE SUPPLIES AND EXPENSE	225.5	26.0	5,862.2
13	76300 PROPERTY INSURANCE	16.1	(112.0)	(2,025.3)
14	79400 INJURIES AND DAMAGES	263.0	(149.0)	(39,166.5)
15	78500 PENSIONS AND BENEFITS	817.4	46.0	39,235.9
16	79600 FRANCHISE REQUIREMENTS	6.2	26.0	161.8
17	79700 REGULATORY COMMISSION	52.0	26.0	1,352.0
18	79600 OUTSIDE SERVICES	109.5	26.0	2,846.0
19	79900 MISCELLANEOUS	48.9	26.0	1,266.9
20	79910 ALLOCATED GENERAL OFFICE	2,554.3	10.7	27,210.4
21	80500 ALL OTHER MAINT. GENERAL PLANT	25.4	26.0	660.9
22	81100 RENT	192.5	26.0	5,004.6
23	81500 A&G LABOR	369.3	12.5	4,616.8
24	50300 DEPRECIATION AND AMORTIZATION	1,355.5	0.0	0.0
25	50710 PROPERTY TAXES	320.3	40.0	12,813.1
26	50720 PAYROLL TAXES	158.3	4.0	625.2
27	50730 LOCAL TAXES	226.7	264.0	59,838.8
28	STATE INCOME TAX	307.2	128.3	39,723.0
29	FEDERAL INCOME TAX	1,384.3	76.7	106,177.2
30	TOTAL OPERATING EXPENSES	19,174.6		738,023.3
31	CPUC FEE ( 1.4% OF REVENUE)	302.6	90.0	27,234.9
32	TOTAL	19,477.2		783,258.2
		=====		
33	AVERAGE LAG ----->			38.39
				=====

AVERAGE AMOUNT OF CASH REQUIRED AS A RESULT OF  
PAYING EXPENSES, TAXES AND ACCRUING DEPRECIATION  
IN ADVANCE OF COLLECTING REVENUES  
(\$ In Thousands)

34	(1) Avg. Lag in Collection of Revenues	49.16 days
35	(2) Avg. Lag in Payment of Expenses, Taxes and Accruing Depreciation	38.39 days
36	(3) Excess of Collection Lag over Payment Lag	10.79 days
37	(4) Total of Expenses, Taxes and Depreciation	\$19,477.2
38	(5) Daily Total of Expenses, Taxes and Depreciation	\$53.4
39	(6) Average Amount of Working Cash Capital Required as a Result of	
40	Paying Exp., Taxes and Deprec'n in Advance of Collecting Revenues	\$576.0
		=====

NDTE: Schedule incorporate dollars (Accounts 793.00 Property Insurance, 784.00 Injuries and Damages, and 795.00 Pension & Benefits) for Working Cash calculation - Dollars were used expressly for working cash calculation.

**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)
6		I. SOURCE OF SUPPLY PLANT	0				0
7	311	Structure and improvements	(1,992)	(498)			(2,490)
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	(454,473)	(90,519)			(544,992)
12	316	Supply mains	(348,275)	(41,180)			(389,455)
13	317	Other source of supply plant	0				0
14		<b>Total Source of Supply Plant</b>	<b>(804,740)</b>	<b>(132,197)</b>	<b>0</b>	<b>0</b>	<b>(936,937)</b>
15		II. PUMPING PLANT					
16	321	Structures and improvements	(276,576)	(15,570)	7,201		(284,945)
17	322	Boiler plant equipment	0				0
18	323	Other power production equipment	0				0
19	324	Pumping equipment	(1,100,869)	(228,601)	100,159		(1,229,311)
20	325	Other pumping plant	(40,999)	(8,099)			(49,098)
21		<b>Total Pumping Plant</b>	<b>(1,418,444)</b>	<b>(252,270)</b>	<b>107,360</b>	<b>0</b>	<b>(1,563,354)</b>
22		III. WATER TREATMENT PLANT					
23	331	Structures and improvements	(132,277)	(35,615)			(167,892)
24	332	Water treatment equipment	(512,148)	(15,658)			(527,806)
25		<b>Total Water Treatment Plant</b>	<b>(644,425)</b>	<b>(51,273)</b>	<b>0</b>	<b>0</b>	<b>(695,698)</b>
26		IV. TRANS AND DIST. PLANT					
27	341	Structures and improvements	(2,648)	(75)			(2,723)
28	342	Reservoirs and tanks	(748,103)	(105,746)	11,435		(842,414)
29	343	Transmission and distribution mains	(7,558,817)	(474,788)	68,439	17,663	(7,947,503)
30	344	Fire mains	0				0
31	345	Services	(3,594,754)	(329,824)	8,125	(182)	(3,916,635)
32	346	Meters	(1,875,791)	(319,278)	156,755	(3,654)	(2,041,968)
33	347	Meter installations	0				0
34	348	Hydrants	(1,947,313)	(115,529)	26,588	427	(2,035,827)
35	349	Other transmission and distribution plant	(206,873)	(16,619)			(223,492)
36		<b>Total Transmission &amp; Distribution Plant</b>	<b>(15,934,299)</b>	<b>(1,361,859)</b>	<b>271,342</b>	<b>14,254</b>	<b>(17,010,562)</b>
37		V. GENERAL PLANT					
38	371	Structures and improvements	(114,350)	(11,267)			(125,617)
39	372	Office furniture and equipment	(178,946)	(22,057)			(201,003)
40	373	Transportation equipment	(665,646)	(25,331)	181,760	(12,956)	(522,173)
41	374	Stores equipment	0				0
42	375	Laboratory equipment	(1,699)				(1,699)
43	376	Communication equipment	(57,935)	(2,750)			(60,685)
44	377	Power operated equipment	(147,074)	(10,643)			(157,717)
45	378	Tools, shop and garage equipment	(65,585)	(7,591)			(73,176)
46	379	Other general plant	(56)				(56)
47	390	Other tangible property	(7,144)	(596)			(7,740)
48	391	Water plant purchased	(785,120)	(55,913)			(841,033)
49		<b>Total General Plant</b>	<b>(2,023,555)</b>	<b>(136,148)</b>	<b>181,760</b>	<b>(12,956)</b>	<b>(1,990,899)</b>
50		<b>TOTAL</b>	<b>(20,825,463)</b>	<b>(1,933,747)</b>	<b>560,462</b>	<b>1,298</b>	<b>(22,197,450)</b>

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

Line No.	Item (a)	Account 250 Utility Plant	Acct. 251 Limited-Term Utility Investment	Acct. 252 Utility Plant Acquisition Adjustments	Account 253 Electric Other Property
1	Balance in reserves at beginning of year (adited)	20,825,463	580,726	0	0
2	Add: Credits to reserves during year				
3	(a) Charged to Account No. 503	1,823,048	48,702		
4	(b) Charged to Account No. 265	87,253			
5	(c) Charged to clearing accounts	23,446			
6	(d) Salvage recovered	16,610			
7	(e) All other credits (Beg. bal. adited)				
8	<b>Total Credits</b>	<b>1,950,357</b>	<b>48,702</b>	<b>0</b>	<b>0</b>
9	Deduct: Debits to reserves during year				
10	(a) Book cost of property retired	560,462			
11	(b) Cost of removal	17,908			
12	(c) All other debits				
13	<b>Total Debits</b>	<b>578,370</b>	<b>0</b>	<b>0</b>	<b>0</b>
14	<b>Balance in Reserves at Year End</b>	<b>22,197,450</b>	<b>629,428</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 Preceeding Year (b)	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	Commerical sales	23,258,283	24,468,950	(1,210,667)
25	601.2	Industrial sales	77,236	91,249	(14,013)
26	601.3	Sales to public authorities	1,324,446	1,536,931	(212,485)
27		<b>Sub-total</b>	<b>24,659,965</b>	<b>26,097,130</b>	<b>(1,437,165)</b>
28	602	Unmetered sales to general customers			
29	602.1	Commerical sales	(4)	0	(4)
30	602.2	Industrial sales			0
31	602.3	Sales to public authorities			0
32		<b>Sub-total</b>	<b>(4)</b>	<b>0</b>	<b>(4)</b>
33	603	Sales to irrigation customers			
34	603.1	Metered sales	892,223	613,598	278,625
35	603.2	Unmetered sales			
36		<b>Sub-total</b>	<b>892,223</b>	<b>613,598</b>	<b>278,625</b>
37	604	Private fire protection service	263,025	260,803	2,222
38	605	Public fire protection service			
39	606	Sales to other water utilities for resale	53,500	53,814	(314)
40	607	Sales to governmental agencies by contracts			
41	608	Interdepartmental sales			
42	609	Other sales or service	19,363	23,106	(3,743)
43		<b>Sub-total</b>	<b>335,888</b>	<b>337,723</b>	<b>(1,835)</b>
44		<b>Total Water Service Revenue</b>	<b>25,888,072</b>	<b>27,048,451</b>	<b>(1,160,379)</b>
45					
46		<b>II. OTHER WATER REVENUES</b>			
47	611	Miscellaneous service revenue	10,055	10,935	(880)
48	612	Rent from water property	15,740	0	15,740
49	613	Interdepartmental rents			
50	614	Other water revenues	19,226	84,040	(64,814)
51		<b>Total Other Water Revenues</b>	<b>45,021</b>	<b>94,975</b>	<b>(49,954)</b>
52	501	<b>Total Operating Revenues</b>	<b>25,933,093</b>	<b>27,143,426</b>	<b>(1,210,333)</b>



SCHEDULE B-2								
Account No. 502 - Operating Expense - Class A, B, and C Water Utilities								
Line	Acct.	Account	Class			Amount	Amount	Net Change
No.	No.	(a)	A	B	C	(b)	(c)	(d)
1		I. SOURCE OF SUPPLY EXPENSE						
2		Operation						
3	701	Operation supervision and engineering	A	B		153,430	(92,407)	245,837
4		Supply cost balancing account						
5	702	Operation labor and expenses	A	B		1,999	1,085	914
6	703	Miscellaneous expenses	A			274	74	200
7	704	Purchased water and assessments	A	B	C	4,390,045	5,253,542	(863,497)
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			1,102	45,181	(44,079)
13	708	Maintenance of source of supply facilities		B				
14	709	Maintenance of lakes, river and other intakes	A					
15	710	Maintenance of springs and tunnels	A					
16	711	Maintenance of wells	A			49,269	80,445	(31,176)
17	712	Maintenance of supply mains	A			879	1,597	(718)
18	713	Maintenance of other source of supply plant	A	B				
19		<b>Total Source of Supply Expense</b>				<b>4,596,998</b>	<b>5,289,517</b>	<b>(692,519)</b>
20		II. PUMPING EXPENSES						
21		Operation						
22	721	Operation supervision and engineering	A	B				
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		247,918	203,726	44,192
28	725	Miscellaneous expenses	A			66,489	69,481	(2,992)
29	726	Fuel or power purchased for pumping	A	B	C	974,237	1,296,269	(322,032)
30		Maintenance						
31	729	Maintenance supervision and engineering	A	B		49	0	49
32	729	Maintenance of structures and equipment			C			
33	730	Maintenance of structures and improvements	A	B		5,573	44,931	(39,358)
34	731	Maintenance of power production equipment	A	B				
35	732	Maintenance of pumping equipment	A	B		167,800	137,641	30,159
36	733	Maintenance of other pumping plant	A	B				
37		<b>Total pumping expenses</b>				<b>1,462,066</b>	<b>1,752,048</b>	<b>(289,982)</b>
38		III. WATER TREATMENT EXPENSES						
39		Operation						
40	741	Operation supervision and engineering	A	B		1,402	0	1,402
41	741	Operation supervision, labor and expenses			C			
42	742	Operation labor and expenses	A			(87,107)	171,389	(258,496)
43	743	Miscellaneous expenses	A	B				
44	744	Chemical and filtering materials	A	B		75,659	106,913	(31,254)
45		Maintenance						
46	746	Maintenance supervision and engineering	A	B				
47	746	Maintenance of structures and equipment			C			
48	747	Maintenance of structures and improvements	A	B		1,832	6,192	(4,360)
49	748	Maintenance of water treatment equipment	A	B		15,939	13,799	2,140
50		<b>Total Water Treatment Expenses</b>				<b>7,725</b>	<b>298,293</b>	<b>(290,568)</b>
51		IV. TRANS. AND DISTRIB. EXPENSES						
52		Operation						
53	751	Operation supervision and engineering	A	B		11,008	8,089	2,919
54	751	Operation supervision, labor and expenses			C			
55	752	Storage facilities expenses	A			4	0	4
56	752	Operation labor expenses		B				
57	753	Transmission and distribution line expenses	A			121,718	128,388	(6,670)
58	754	Meter expenses	A			77,071	68,966	8,105
59	755	Customer installations expenses	A			44,309	68,794	(24,485)
60	756	Miscellaneous expenses	A			333,437	292,079	41,358



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

Line No.	Kind of Tax (a)	Total Taxes Charged During Year	DISTRIBUTION OF TAXES CHARGED			
			Water 507 (c)	Nonutility 521 (b)	Other (Electric) (c)	Capitalized (f)
1	Taxes on Real and Personal Property	303,601	303,601			
2	State Income Tax	496,795	496,795			
3	State Unemployment Insurance Tax	3,110	3,110			
4	Local Franchise Fees	304,644	304,644			
5	Federal Unemployment Insurance Tax	1,914	1,914			
6	Federal Insurance Contribution Act	106,080	106,080			
7	Federal Income Tax	713,908	713,908			
8	Pump Taxes	3,189,360	3,189,360			
9						
10						
11						
12						
13						
14	<b>Totals</b>	<b>5,119,412</b>	<b>5,119,412</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									
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 SEE COMPANY SCHEDULE D-1
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>	<b>0</b>	<b>0</b>	

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)
Clearview	Booster A		790											
	Booster B North Resv South Resv											Boosts to Timberline Zone		
Fairhaven	Well 1	1965		858	954	15.5	360							
	Well 2	Ukn		682		21.5	358					Well #1 to sand separator. Wells to Newport Reservoir.		
Fox Run	Booster A													
	Booster B													
	Booster C													
	Booster D EOCWD Connection			775								Boosters take suction from E.O.C.W.D.  Boosters pump to Timberline Reservoir.		
Hunting Horn	Reservoir										0.44	Conc	Floats on Hunting Horn Zone.	
Kimberwicke	Booster A	1984												
	Booster B	1984												Boost water from Clearview Gradient to Kimberwicke Gradient.
La Vereda	Booster A													
	Booster B Reservoir		448											Pumps to Hunting Horn. Floats on system.
Newport	Booster A													
	Booster B													
	Booster C													
	Booster D EOCWD Connection EOCWD Connection Reservoir			127 375										Boosters A and B to Peacock Zone. Boosters C and D to La Vereda Zone.
Peacock Hill	Booster A		293											
	Booster B Booster C EOCWD Connection Reservoir													Boosters to Clearview storage and system. EOCWD to Reservoir
Skyline Timberline	EOCWD Connection		624											
	Booster A		588	9										Floats on Timberline

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	8	8
11	Cast iron				216		24,476		33,378	14,882
12	Ductile Iron						1,817		7,550	92,979
13	Concrete									
14	Copper				594					
15	Riveted steel									
16	Standard steel	7,124			33,129	22,282	7,202		11,893	4,594
17	Screw or welded casing									
18	Cement - asbestos					128	169,816	74	893,765	568,815
19	Polyvinylchloride	137			648		830		2,810	48,894
20	Wood									
21	Plastic				382		3,445		6,674	7,791
22	Other									
23	Totals	7,261	0	0	34,959	22,410	207,386	74	755,870	735,735

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	2,504	1,689	435	172					77,732
25	Ductile Iron	4,691	39,594	656	5,320		706			153,313
26	Concrete									0
27	Copper									594
28	Riveted steel									0
29	Standard steel	699	3,111	210	1	9,819	82	75		100,221
30	Screw or welded casing									0
31	Cement - asbestos	156,353	162,475	13,480	4,851					1,769,467
32	Polyvinylchloride	1,279	22,927	13	4,665					80,203
33	Wood									0
34	Plastic	2,529	485							21,306
35	Other									0
36	Unclassified									0
27	Totals	168,055	230,281	14,804	15,309	9,819	788	75	0	2,202,836

**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	40,257	40,561		
Industrial	44	40		
Public authorities	255	254		
Irrigation	344	418		
Other	11	10		
<b>Sub-total</b>	<b>40,911</b>	<b>41,283</b>	<b>0</b>	<b>0</b>
Private fire connections			584	593
Public fire hydrants				
<b>Total</b>	<b>40,911</b>	<b>41,283</b>	<b>584</b>	<b>593</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.	31,665	31,875	
3/4 - in.	623	625	
1 - in.	6,907	6,946	
1 1/2 - in.	626	628	
2 - in.	1,736	1,586	
3 - in.	160	72	
4 - in.	53	19	
5 - in.			
6 - in.	76	6	
8 - in.	33	1	
10 - in.			
Other		151	
Unclassified			
<b>Total</b>	<b>41,879</b>	<b>41,909</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	Total
	January	February	March	April	May	June	Subtotal			
Commercial	755,676	793,396	696,671	734,794	811,072	963,758	4,755,367			
Industrial	2,376	3,343	2,138	2,492	3,047	2,963	16,359			
Public Authorities	30,574	42,378	24,290	41,379	56,420	78,962	274,003			
Irrigation	19,298	40,040	19,616	14,462	31,418	29,958	154,792			
Other	2,195	2,591	2,908	2,818	2,898	3,321	16,731			
							0			
<b>Totals</b>							<b>5,217,252</b>			

  

of Service	Classification							Subtotal	Total	Total
	July	August	September	October	November	December	Subtotal			
Commercial	998,705	1,122,203	1,181,116	1,073,111	1,004,962	893,588	6,273,685	11,029,052	11,733,757	
Industrial	3,960	2,910	4,398	3,282	3,405	1,870	19,825	36,184	45,004	
Public Authorities	92,529	91,222	107,071	98,310	70,424	50,096	509,652	783,655	949,702	
Irrigation	45,391	37,165	58,965	40,933	49,298	45,906	277,658	432,450	330,967	
Other	3,390	3,441	4,709	3,167	3,189	2,938	20,834	37,565	41,682	
							0	0	0	
<b>Totals</b>	<b>1,143,975</b>	<b>1,256,941</b>	<b>1,356,259</b>	<b>1,218,803</b>	<b>1,131,278</b>	<b>994,398</b>	<b>7,101,654</b>	<b>12,318,906</b>	<b>13,101,112</b>	

1 Quantity units to be in hundred of cubic feet, thousands of gallons, acre-feet, or miner inch - Total Acres Irrigated Total Population Served 167,504

**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>151,091</u>
100.3	Construction work in progress	\$	<u>3,381,497</u>
241	Advances for construction	\$	<u>9,944,307</u>
285	Contribution in aid of construction	\$	<u>4,625,100</u>

Name of District Manager: Lonnie CurtisAddress: 1920 Corporate Way, Anaheim, California 92801Telephone: 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, 2003 to December 31, 2003.

Gladys Farias  
Signature  
\_\_\_\_\_  
Controller  
Title  
4/29/04  
Date