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2002
ANNUAL REPORT
OF
DISTRICT WATER SYSTEM OPERATIONS
OF

Southern California Water Company

(NAME OF CORPORATION)

Name of District: Barstow

Location: Barstow, San Bernardino
(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		I. INTANGIBLE PLANT					
2	301	Organization	155	0			155
3	302	Franchise & Consents (Sch. A-1b)	1,169	0			1,169
4	303	Other Intangible Plant	422,078	87,764		0	509,842
5		Total Intangible Plant	423,402	87,764	0	0	511,166
6		II. LANDED CAPITAL					
7	306	Land and Land Rights	2,318,880	5,835		(1,349)	2,323,148
8		III. SOURCE OF SUPPLY PLANT					
9	311	Structure and Improvements	19,942	0			19,942
10	312	Collecting and Impounding Reservoirs	0	0			0
11	313	Lakes, Rivers and Other Intakes	0	0			0
12	314	Springs and Tunnels	0	0			0
13	315	Wells	635,876	0			635,876
14	316	Supply Mains	32,259	0			32,259
15	317	Other Source of Supply Plant	0	0			0
16		Total Source of Supply Plant	688,078	0	0	0	688,078
17		IV. PUMPING PLANT					
18	321	Structures and Improvements	534,936	0			534,936
19	322	Boiler Plant Equipment	0	0			0
20	323	Other Power Production Equipment	0	0			0
21	324	Pumping Equipment	3,775,975	92,859	(44,568)		3,824,266
22	325	Other Pumping Plant	632,570	16,456			649,026
23		Total Pumping Plant	4,943,481	109,315	(44,568)	0	5,008,228
24		V. WATER TREATMENT PLANT					
25	331	Structures and Improvements	104,653	64,642			169,295
26	332	Water Treatment Equipment	119,642	374,886			494,528
27		Total Water Treatment Plant	224,295	439,528	0	0	663,823
28		VI. TRANSMISSION AND DIST. PLANT					
29	341	Structures and Improvements		0			
30	342	Reservoirs and Tanks	2,124,111	0			2,124,111
31	343	Transmission and Distribution Mains	12,227,628	480,410	(29,123)		12,678,915
32	344	Fire Mains	0	0			0
33	345	Services	2,723,510	297,266	(27,247)		2,993,529
34	346	Meters	1,169,906	25,260			1,195,166
35	347	Meter Installations	0	0			0
36	348	Hydrants	1,377,436	82,852	(8,396)		1,451,892
37	349	Other Transmission and Distribution Plant		0			
38		Total Transmission & Distribution Plant	19,622,591	885,789	(64,767)	0	20,443,613
39		VII. GENERAL PLANT					
40		General Office Net Investment					
41	371	Structures and Improvements	48,564	0			48,564
42	372	Office Furniture and Equipment	91,459	529			91,988
43	373	Transportation Equipment	189,367	24,055	(22,029)		191,394
44	374	Stores Equipment	0	0			0
45	375	Laboratory Equipment	134	0			134
46	376	Communication Equipment	13,928	0			13,928
47	377	Power Operated Equipment	579,454	0			579,454
48	378	Tools, Shop and Garage Equipment	54,313	0			54,313
49	379	Other General Plant		0			
50		Total General Plant	977,220	24,584	(22,029)	0	979,776
51		VIII. UNDISTRIBUTED ITEMS					0
52	390	Other Tangible Property	1,593	0			1,593
53	391	Utility Plant Purchased	0	0			0
54	392	Utility Plant Sold	0	0			0
55		Total Undistributed Items	1,593	0	0	0	1,593
56		Total Utility Plant In Service	29,199,520	1,552,615	(131,364)	(1,349)	30,619,422

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		I. INTANGIBLE PLANT					
2	301	Organization	0	0			0
3	302	Franchise & Consents (Sch. A-1b)	(1,332)	0			(1,332)
4	303	Other Intangible Plant	(70,435)	(34,894)			(105,329)
5		Total Intangible Plant	(71,767)	(34,894)	0	0	(106,661)
6		I. SOURCE OF SUPPLY PLANT					
7	311	Structure and Improvements	(5,265)	(411)			(5,676)
8	312	Collecting and Impounding reservoirs	0				0
9	313	Lakes, Rivers and Other Intakes	0				0
10	314	Springs and Tunnels	0				0
11	315	Wells	(174,594)	(28,805)			(203,399)
12	316	Supply Mains	(2,314)	(668)			(2,982)
13	317	Other Source of Supply Plant					0
14		Total Source of Supply Plant	(182,173)	(29,884)	0	0	(212,057)
15		II. PUMPING PLANT					
16	321	Structures and Improvements	(131,620)	(11,073)			(142,693)
17	322	Boiler Plant Equipment	0				0
18	323	Other Power Production Equipment	0				0
19	324	Pumping Equipment	(1,749,956)	(137,445)	44,568		(1,842,833)
20	325	Other Pumping Plant	(91,094)	(16,257)			(107,351)
21		Total Pumping Plant	(1,972,670)	(164,775)	44,568	0	(2,092,877)
22		III. WATER TREATMENT PLANT					
23	331	Structures and Improvements	(34,717)	(3,087)			(37,804)
24	332	Water Treatment Equipment	(57,434)	(6,808)	0		(64,242)
25		Total Water Treatment Plant	(92,151)	(9,895)	0	0	(102,046)
26		IV. TRANS AND DIST. PLANT					
27	341	Structures and Improvements					0
28	342	Reservoirs and Tanks	(436,013)	(59,900)			(495,913)
29	343	Transmission and Distribution Mains	(3,169,259)	(281,235)	29,123		(3,421,371)
30	344	Fire Mains	0				0
31	345	Services	(978,119)	(94,234)	27,247	890	(1,044,216)
32	346	Meters	(150,219)	(64,579)		(457)	(215,255)
33	347	Meter Installations	0				0
34	348	Hydrants	(411,568)	(28,926)	8,396		(432,098)
35	349	Other Transmission and Distribution Plant					0
36		Total Transmission & Distribution Plant	(5,145,178)	(528,874)	64,766	433	(5,608,853)
37		V. GENERAL PLANT					
38	371	Structures and Improvements	(9,022)	(1,132)			(10,154)
39	372	Office Furniture and Equipment	(39,706)	(9,603)			(49,309)
40	373	Transportation Equipment	(142,857)	(1,401)	22,029		(122,229)
41	374	Stores Equipment	0				0
42	375	Laboratory Equipment(Beg. bal adjtd)	(134)				(134)
43	376	Communication Equipment	(11,663)	(651)			(12,314)
44	377	Power Operated Equipment	(56,379)	(27,060)			(83,439)
45	378	Tools, Shop and Garage Equipment	(5,975)	(646)			(6,621)
46	379	Other General Plant	0				0
47	390	Other Tangible Property	(188)	(67)			(255)
48	391	Water Plant Purchased	0				0
49		Total General Plant	(285,924)	(40,560)	22,029	0	(284,455)
50		TOTAL	(7,729,863)	(808,882)	131,363	433	(8,406,949)

SCHEDULE A-3					
Depreciation and Amortization Reserves					
Line No.	Item (a)	Account 250 Utility Plant (b)	Account 251 Limited-Term Utility Investment (c)	Account 252 Utility Plant Acquisition Adjs (d)	Account 253 Electric Other Property (e)
1	Balance in reserves at beginning of year	7,658,096	70,728		
2	Add: Credits to reserves during year				
3	(a) Charged to Account No. 503	712,409	34,894		
4	(b) Charged to Account No. 265	31,821			
5	(c) Charged to Clearing Accounts	29,758			
6	(d) Salvage Recovered	457			
7	(e) All Other Credits				
8	Total Credits	774,445	34,894		
9	Deduct: Debits to reserves during year				
10	(a) Book Cost of Property Retired	131,363			
11	(b) Cost of Removal	890			
12	(c) All Other Debits	0			
13	Total Debits	132,253	0		
14	Balance in Reserves at Year End	8,300,288	105,622		
15	State Method of Determining Depreciation Charges.	SLRL			
16	Report the Depreciation claimed in your Federal Income Tax Return for the year \$			NOT AVAILABLE	
17	Indicate the Nature of These Items and Show the Accounts Affected by the Centre Entries.			BY DISTRICT	
SCHEDULE B-1					
Operating Revenues					
Line No.	Acct. No.	Account (a)	Amount Current Year (b)	Amount Preceeding Year (c)	Net Change During Year Show Decrease in (Brackets) (d)
18		I. WATER SERVICE REVENUES			
19	601	Metered Sales to General Customers			
20	601.1	Commerical Sales	5,599,083	5,674,443	(75,360)
21	601.2	Industrial Sales	150,195	137,929	12,266
22	601.3	Sales to Public Authorities	654,317	670,290	(15,973)
23		Sub-total	6,403,595	6,482,662	(79,067)
24	602	Unmetered Sales to General Customers			
25	602.1	Commerical Sales			
26	602.2	Industrial Sales			
27	602.3	Sales to Public Authorities			
28		Sub-total	0	0	0
29	603	Sales to irrigation customers			
30	603.1	Metered sales	3,444	3,382	62
31	603.2	Unmetered sales			
32		Sub-total	3,444	3,382	62
33	604	Private Fire Protection Service	47,323	48,268	(945)
34	605	Public Fire Protection Service			
35	606	Sales to Other Water Utilities for Resale	0	0	
36	607	Sales to Governmental Agencies by Contracts	333,064	377,216	(44,152)
37	608	Interdepartmental Sales			
38	609	Other Sales or Service	92,577	27,497	65,080
39		Sub-total	472,964	452,981	19,983
40		Total Water Service Revenue	6,880,003	6,939,025	(59,022)
41		II. OTHER WATER REVENUES			
42	611	Miscellaneous Service Revenue	8,735	7,880	855
43	612	Rent from Water Property			
44	613	Interdepartmental Rents			
45	614	Other Water Revenues	(7,334)	48,551	(55,885)
46		Total Other Water Revenues	1,401	56,431	(55,030)
47	501	Total Operating Revenues	6,881,404	6,995,456	(114,052)

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		190,949	249,817	(58,868)
4		Supply Cost Balancing Account						
5	702	Operation Labor and Expenses	A	B		53	(48)	101
6	703	Miscellaneous Expenses	A			983	1,082	(99)
7	704	Purchase Water & Assessment	A	B	C			
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			13,187	25,919	(12,732)
13	708	Maintenance of Source of Supply Facilities		B				
14	709	Maintenance of Lakes, Rivers and Other Intakes	A			6010	0	
15	710	Maintenance of Springs and Tunnels	A					
16	711	Maintenance of Wells	A			35,355	62,086	(26,731)
17	712	Maintenance of Supply Mains	A			136	0	136
18	713	Maintenance of Other Source of Supply Plant	A	B				
19		Total Source of Supply Expense				246,673	338,856	(92,183)
20		III. WATER TREATMENT EXPENSES						
21		Operation						
22	721	Operation Supervision and Engineering	A	B		0	0	
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		135,353	119,385	15,968
28	725	Miscellaneous Expenses	A			31,948	20,544	11,404
29	726	Fuel or Power Purchased for Pumping	A	B	C	877,271	898,665	(21,394)
30		Maintenance						
31	729	Maintenance Supervision and Engineering	A	B		298	0	298
32	729	Maintenance of Structures and Equipment			C			
33	730	Maintenance of Structures and Improvements	A	B		852	468	384
34	731	Maintenance of Power Production Equipment	A	B				
35	732	Maintenance of Pumping Equipment	A	B		104,837	97,713	7,124
36	733	Maintenance of Other Pumping Plant	A	B				
37		Total Pumping Expenses				1,150,559	1,136,775	13,784
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			63,315	37,963	25,352
43	743	Miscellaneous Expenses	A	B				
44	744	Chemical and Filtering Materials	A	B		42,094	29,823	12,271
45		Maintenance						
46	746	Maintenance Supervision and Engineering	A	B		153	0	153
47	746	Maintenance of Structures and Equipment			C			
48	747	Maintenance of Structures and Improvements	A	B		0	609	(609)
49	748	Maintenance of Water Treatment Equipment	A	B		8,407	13,607	(5,200)
50		Total Water Treatment Expenses				113,969	82,002	31,967
51		IV. TRANS. AND DISTRIB. EXPENSES						
52		Operation						
53	751	Operation Supervision and Engineering	A	B		232	483	(251)
54	751	Operation Supervision, Labor and Expenses			C			
55	752	Storage Facilities Expenses	A			1,955	862	1,093
56	752	Operation Labor Expenses		B				
57	753	Transmission and Distribution Line Expenses	A			30,309	15,525	14,784
58	754	Meter Expenses	A			9,791	11,657	(1,866)
59	755	Customer Installations Expenses	A			0	720	(720)
60	756	Miscellaneous Expenses	A			52,687	52,368	319

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		Maintenance						
2	758	Maintenance Supervision and Engineering	A	B		654	0	654
3	758	Maintenance of Structures and Plant			C			
4	759	Maintenance of Structures and Improvements	A	B				
5	760	Maintenance of Reservoirs and Tanks	A	B		10,483	7,560	2,923
6	761	Maintenance of Trans. and Distribution Mains	A			90,378	62,411	27,967
7	761	Maintenance of Mains		B				
8	762	Maintenance of Fire Mains	A					
9	763	Maintenance of Services	A			185,564	184,269	1,295
10	763	Maintenance of Other Trans. and distribution Plants		B				
11	764	Maintenance of Meters	A			22,056	21,037	1,019
12	765	Maintenance of Hydrants	A			22,097	8,623	13,474
13	766	Maintenance of Miscellaneous Plant	A					
14		Total Transmission & Distribution Expenses				426,206	365,515	60,691
15		V. CUSTOMER ACCOUNT EXPENSES						
16		Transferred						
17		Operation Trans. Customer Expenses	A	B		105,055	100,555	4,500
18	771	Water Conservation Expenses			C	41,686	47,519	(5,833)
19	772	Meter Reading Expenses	A	B		128,567	125,764	2,803
20	773	Customer Records and Collection Expenses	A			31,399	22,841	8,558
21	773	Customer Records and Account Expenses		B				
22	774	Miscellaneous Customer Accounts Expenses	A					
23	775	Uncollectible Accounts	A	B	C	15,936	46,344	(30,408)
24		Total Customer Account Expenses				322,643	343,023	(20,380)
25		VI. SALES EXPENSES						
26		Operation						
27	781	Supervision	A					
28	781	Water Conservation Expenses		B	C			
29	782	Water Conservation	A			4,106	3,772	334
30	783	Advertising Expenses	A			72	46	26
31	784	Miscellaneous Sales Expenses	A					
32	785	Merchandising, Jobbing and Contract Work	A			0	0	
33		Total Sales Expenses				4,178	3,818	360
34		VII. ADMIN. & GENERAL EXPENSES						
35	790	Allocation of A&G Expenses				985,173	901,788	83,385
36	791	Administrative and General Salaries	A	B	C	58,267	32,666	25,601
37	792	Office Supplies and Other Expenses	A	B	C	40,581	42,181	(1,600)
38	793	Property Insurance	A					
39	793	Property Insurance, Injuries and Damages		B	C			
40	794	Injuries and Damages	A			1,268	76	1,192
41	795	Employees Pension and Benefits	A	B	C	32,325	30,261	2,064
42	796	Business Meals and Training	A	B	C	11,907	8,600	3,307
43	797	Regulatory Commission Expenses	A	B	C	114,843	127,559	(12,716)
44	798	Outside Services Employed	A					
45	798	Miscellaneous Other General Expenses		B		21,390	14,982	6,408
46	798	Miscellaneous Other General Operation Expenses			C			
47	799	Miscellaneous General Expenses	A			655	1,153	(498)
48		Maintenance						
49	805	Maintenance General Plant	A	B	C	9,714	4,288	5,426
50		Total Administrative and General Expenses				1,276,123	1,163,554	112,569
51		VIII. MISCELLANEOUS						
52	811	Rents	A	B	C	46,788	54,120	(7,332)
53	812	Administrative Expenses Transferred-- Cr.	A	B	C			
54	813	Duplicate charges-- Customer Service Expense	A	B	C			
55		Total Miscellaneous				46,788	54,120	(7,332)
56		Total Administrative & General Expenses				1,322,911	1,217,674	105,237
57		Total Operating Expenses				3,587,139	3,487,663	99,476

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	146,636	146,636			
2	State Income Tax	144,673	144,673			
3	State Unemployment Insurance Tax	1,043	1,043			
4	Local Franchise Fees	83,181	83,181			
5	Federal Unemployment Insurance Tax	759	759			
6	Federal Insurance Contribution Act	39,292	39,292			
7	Federal Income Tax	520,671	520,671			
8	Pump Taxes	(256,146)	(256,146)			
9						
10						
11						
12						
13						
14	Totals	680,109	680,109	0	0	0

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									
9									
10									
TUNNELS AND SPRINGS				FLOW IN		Annual Quantities Pumped	Remarks		
Line No.	Designation	Location	Number	Maximum	Minimum				
11									
12									
13									
14									
15									
Purchased Water for Resale									
16	Purchased from								
17	Annual quantities purchased from								
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								
24	B. Distribution Reservoirs								
25	Concrete								
26	Earth								
27	Wood								
28	C. Tanks								
29	Wood								
30	Metal								
31	Concrete								
32	Totals		0	0					

Plant Facility Index

Region: III
District: Mountain_Desert
CSA: Barstow
System: Barstow

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
Agartha	Reservoir	1998	2438												Floats on Arville Gradient Boosters A, B and C pump to Arville Booster Gradient
	Booster A	1998	2438												
	Booster B	1998	2438												
	Booster C	1998	2438												
Agate 1, 2, 3 Agate 4,5,6	Well 3	1974	2184	0	205	14	170								Well to System
	Well 4	1976	2184	1	220	14	180								Well to System
	Well 5	1976	2184	0	220	14	200								Well to System
	Well 6	1976	2184	0	205	14	180								Well to System
	Well 2	1937	2099	979	200	12	120								Well to System
	Well 3	1953	2099	187	154	14	132								Well to System
Arrowhead	Well 4	1964	2099	399	152	14	115								Well to System
	North Reservoir	1949	2442												
Arville	South Reservoir	1954	2439												
	Booster A	1951	2442												
Basalt	Booster B	1960	2442												Booster A & B pump to Arville Booster Zone
	Reservoir		2760												Floats on Basalt Tank Zone
Bear Valley	Booster A		2760												Booster A & B pump from Basalt Tank thru Pressure Tank to Basalt Booster Zone
	Booster B		2760												Not in Use
Bear Valley	Pressure Tank		2760												Floats on Arrowhead-Bear Valley Zone
	North Reservoir	1958	2590												Boosters A & B pump from tank, C & D from Arrowhead-Bear Valley Zone, to Arville Tank Zone
Beryl	South Reservoir	1958	2590												Floats on Beryl Zone All Boosters pump from Beryl Tank to Basalt Tank
	Reservoir		2450												
Bradshaw	Booster A	1986	2450												Well to System
	Booster B	1986	2450												Well to System
Bradshaw	Booster C	1992	2450												Well to System
	Well 1	1945	2120	2	176	12	140								Well to System
	Well 2	1947	2120	441	174	12	140								Well to System
	Well 3	1952	2120	0	140	14	90								Well to System
	Well 4	1958	2120	120	175	14	140								Well to System
	Well 5	1967	2120	213	174	14	150								Well to System
Well 6	1972	2120	417	185	12	150								Well to System	

Plant Facility Index

Region: III
District: Mountain_Desert
CSA: Barstow
System: Barstow

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)	
Bradshaw (cont.)	Well 7	1973	2120	566	185	12	150	V.T.	Elec.	100	1000	290		Well to System
	Well 8	1975	2120	0	185	16	160	V.T.	Elec.	100	850	375		Well to System
	Well 9	1975	2120	111	185	16	141	V.T.	Elec.	100	1000	300		Well to System
	Well 10	1986	2120	1467	185	16	141	V.T.	Elec.	125	1000	365		Well to System
	Well 11	1988	2120	1097	185	16	162	V.T.	Elec.	125	1000	380		Well to System
	Well 12	1988	2120	36	185	16	162	V.T.	Elec.	125	1100	370		Well to System
Buena Vista	Booster A		2230					H.S.C.	Elec.	40	500			Pumps from Bear Valley Zone to Arville Tank Zone
College	Reservoir	1989	2648											
	Booster A	1995	2648					V.T.	Elec.	10	350		1.000 Elev Resv	Floats on College Zone Booster A & B pump to Village Zone
	Booster B	1995	2648					V.T.	Elec.	10	350			Well to System
Crooks	Well 1	1989	2098	76	185	16	132	V.T.	Elec.	200	1500	356		Well to System
Eaton	East Reservoir		2341											Floats on Eaton Zone
	West Reservoir	1971	2341											Floats on Eaton Zone
	Booster A	1965	2341					E.S.	Elec.	25	300	205		Booster A & B pump to Lenwood Reservoir
	Booster B	1965	2341					E.S.	Elec.	25	300	205		All boosters pump from Arrowhead-Bear Valley Zone to Arville Tank Zone
Flora	Booster A		2218					H.S.C.	Elec.	50	600	200		
	Booster B		2218					H.S.C.	Gas	100	600	240		
	Booster C	1968	2218					H.S.C.	Elec.	75	900	210		
Glen Road	Well 1	1990	2182	384	265	16	236	V.T.	Elec.	250	1800	400		Well to System
	Well 2	1991	2182	1570	275	16	235	V.T.	Elec.	150	1200	374		Well to System
Jasper	Booster A	1990	2218					E.S.	Elec.	40	500	165		Pump from Arrowhead-Bear Valley Zone to Eaton Zone
Lenwood	Booster B	1990	2218					E.S.	Elec.	40	500	165		
	Reservoir	1989	2510										1.000 Elev Resv	Floats on Lenwood Zone
Main	Reservoir		2202											
	Booster A		2202					V.T.	Elec.	30	340			A & C pump from Bear Valley Zone to Beryl
	Booster B		2202					E.S.	Elec.	30	200	270		B pumps from Main Resv to Beryl
	Booster C	1993	2202					V.T.	Elec.	100	800	216		
Mojave Manor	Booster A	1977	2210					E.S.	Elec.	15	300	138		Pump from Arrowhead-Bear Valley Zone to Robinson Zone
Opal	Booster B	1991	2210					E.S.	Elec.	25	400	153		
	Booster A	1963	2250					Subm.	Elec.	25	500	150		Not in Use
Phillips	Reservoir	1964	2415											
	Booster A	1963	2415					V.T.	Elec.	50	500	185		Boosters A & B pump to College Zone
	Booster B	1967	2415					V.T.	Elec.	50	500	185		Booster C & D pump to Arville Booster Zone
	Booster C	1981	2415					V.T.	Elec.	40	500	188		
Booster D	1984	2415					V.T.	Elec.	30	500	188			

Plant Facility Index

Region: III
 District: Mountain_Desert
 CSA: Barstow
 System: Barstow

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
Rimrock	Reservoir	1968	2308									0.500	Elev Resv	W. Steel	Floats on Riverside Booster Zone
Riverside	Booster A	1961	2090						V.T.	Elec.	75	1000	220		A & B pump to Rimrock
	Booster B		2090						H.S.C.	Elec.	25	500	143		Resv. C pumps to
	Booster C	1966	2090						V.T.	Elec.	40	500	230		Regulator Zone
Soapmine	Well 2	1964	2073	1228	150	12	92		V.T.	Elec.	150	1200	360		Well to System

Pump Type

- V.T. - Vertical Turbine
- H.S.C. - Horizontal Split Case
- E.S. - End Suction
- Subm. - Submersible

Tank Material

- W. Steel - Welded Steel
- B. Steel - Bolted Steel
- R. Steel - Riveted Steel

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	2	2 1/2	3	4	5	6	8
11	Cast Iron			2,979			62,798		59,963	34,676
12	Ductile Iron						10		913	4,490
13	Concrete									
14	Copper	116								
15	Riveted Steel									
16	Standard Steel			4,907		3,036	37,979	170	33,400	14,480
17	Screw or Welded Casing									
18	Cement - Asbestos						25,999		163,035	150,398
19	Polyvinylchloride						730		1,574	39,962
20	Wood									
21	Plastic			300			146		7,211	9,752
22										
23	Totals	116	0	8,186	0	3,036	127,662	170	266,096	253,758
B. FOOTAGE OF PIPE BY INSIDE DIAMETERS IN INCHES - NOT INCLUDING SERVICE PIPING - concluded										
Line No.		10	12	14	16	18	20	24	36	TOTAL
24	Cast Iron	477	2,637							163,530
25	Ductile Iron	4,534	2,211	921	7,297		710			21,086
26	Concrete									0
27	Copper									116
28	Riveted Steel									0
29	Standard Steel	3,557	13,902		1,892		576	40		113,939
30	Screw or Welded Casing									0
31	Cement - asbestos	26,616	39,339	48,756						454,143
32	Polyvinylchloride	9,526	34,051	10,120	14,398					110,361
33	Wood									0
34	Plastic		759							18,168
35	Unclassified								-262	-262
36	Totals	44,710	92,899	59,797	23,587	0	1,286	40	-262	881,081

**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	8,257	8,352		
Industrial	6	6		
Public authorities	65	64		
Irrigation	2	2		
Other	7	16		
Sub-total	8,337	8,440	0	0
Private fire connections			112	111
Public fire hydrants				
Total	8,337	8,440	112	111

SCHEDULE D-5 Number of Meters and Services on Pipe Systems at End of Year				SCHEDULE D - 6 Meter Testing Data	
Size	Meters	Services		A. Number of meter tested during year as prescribed in Section VI of general order # 103:	
5/8 x 3/4 - in.	11,300			1 New, after being received: <u>0</u>	
3/4 - in.	22	7,799		2 Used, before repair: <u>0</u>	
1 - in.	1,390	1,888		3 Used, after repair: <u>0</u>	
1 1/2 - in.	104	5		4 Found fast, requiring billing adj. <u>0</u>	
2 - in.	608	614			
3 - in.	24	1			
4 - in.	21	37		B. Number of meters in service since last test:	
6 - in.	22	23			
8 - in.	7	10		1 Ten years or less: <u>0</u>	
Unclassified	642	543		2 More than 10, but less than 15 yr.: <u>0</u>	
Total	14,140	10,920		3 More than 15 years: <u>0</u>	

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

Classification of Service	During Current Year							Subtotal	Total	Prior Year
	January	February	March	April	May	June	July			
Commercial	170,622	130,449	161,647	153,572	224,475	248,581		1,089,346		
Industrial	5,749	6,542	7,062	5,916	10,954	10,530		46,753		
Public Authorities	9,761	12,412	18,879	28,506	40,509	49,598		159,665		
Irrigation	41	45	36	32	51	94		299		
Other	12,293	17,017	17,471	26,897	8,421	33,293		115,392		
Totals	198,466	166,465	205,095	214,923	284,410	342,096		1,411,455		

Classification of Service	During Current Year							Subtotal	Total	Prior Year
	July	August	September	October	November	December	January			
Commercial	329,275	315,705	357,889	259,748	250,203	174,218		1,687,038	2,776,384	2,760,990
Industrial	9,721	10,688	12,447	7,710	6,516	4,253		51,335	98,088	87,454
Public Authorities	53,893	57,213	57,850	42,062	29,707	18,474		259,199	418,864	418,351
Irrigation	54	55	66	57	52	43		327	626	586
Other	41,752	45,435	45,091	36,013	27,547	13,291		209,129	324,521	310,331
Totals	434,695	429,096	473,343	345,590	314,025	210,279		2,207,028	3,618,483	3,577,712

1 Quantity units to be in hundred of cubic feet, thousands of gallons, acre-feet, or miner inch-day/Total Acres Irrigated Total Population Served 34,206

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	\$	104,491
100.3	Construction work in progress	\$	2,263,244
241	Advances for construction	\$	2,786,913
285	Contribution in aid of construction	\$	1,417,358

Name of District Manager: Perry Dahstrom

Address: 1521 East Main; Barstow, CA 92311

Telephone: 760/256-2275

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


Signature

Controller

Title

4/29/03
Date