CHANGES - PLANT IN SERVICE
YEAR ENDED JUNE 30, 2002

SCHEDULE A-1

UNAUDITED

	Balance at June 30, 2001	Additions	Retirements	Balance at June 30, 2002
BUILDINGS AND STRUCTURES:				
Source of Supply	$ 295,613	$ -	$ -	$ 295,613
Purification	11,570,495	-	-	11,570,495
Transmission	193,436	-	-	193,436
Recreation	2,821,955	-	-	2,821,955
Distribution	4,950,885	-	-	4,950,885
General	926,822	-	-	926,822
TOTAL BUILDINGS AND STRUCTURES	20,759,206	-	-	20,759,206
EQUIPMENT:				
Source of Supply:				
Impounding Dams and Reservoirs	15,591,233	1	-	15,591,234
Wells and Appurtenances	73,182	-	-	73,182
Intake and Section Mains	2,663,881	-	-	2,663,881
Purification:				
Plant and Equipment	7,537,891	-	5,600	7,532,291
Laboratory	1,066,188	-	-	1,066,188
Transmission:				
Reservoirs and Tanks	6,763,222	-	-	6,763,222
Mains and Canals	5,362,746	-	-	5,362,746
Booster Pumping	614,395	-	-	614,395
Recreation:				
Miscellaneous Equipment	1,092,546	-	-	1,092,546
Distribution:				
Reservoirs and Tanks	11,769,018	-	-	11,769,018
Mains and Appurtenances	442,407,366	12,133,518	4,075,839	450,465,045
Booster Pumping	2,961,705	-	-	2,961,705
Services	76,117,633	4,364,453	-	80,482,086
Meters	11,492,487	-	942,597	10,549,890
Hydrants	27,615,371	885,807	-	28,501,178
General:				
Miscellaneous Equipment	16,445,474	926,623	124,921	17,247,176
Office Equipment	4,575,570	22,577	42,158	4,555,989
TOTAL EQUIPMENT	634,149,908	18,332,979	5,191,115	647,291,772
TOTAL BUILDINGS AND STRUCTURES AND EQUIPMENT	654,909,114	18,332,979	5,191,115	668,050,978
LAND:				
Source of Supply	13,227,266	15,129	40,147	13,202,248
Filtration and Purification	2,107,623	-	-	2,107,623
Transmission	751,949	-	-	751,949
Distribution	147,130	-	1	147,129
General	15,869,295	-	-	15,869,295
TOTAL LAND	32,103,263	15,129	40,148	32,078,244
TOTAL PLANT IN SERVICE (Exhibit A)	$ 687,012,377	$ 18,348,108	$ 5,231,263	$ 700,129,222

WATER REVENUE BONDS REQUIREMENTS FOR PRINCIPAL AND INTEREST **SCHEDULE A-2**
JUNE 30, 2002

UNAUDITED

BONDS PAYABLE

Fiscal Year	Annual Requirements Principal	Interest	Total
2002-03	$ 7,055,000	$ 18,317,236	$ 25,372,236
2003-04	7,345,000	18,029,236	25,374,236
2004-05	7,645,000	17,729,436	25,374,436
2005-06	7,965,000	17,409,271	25,374,271
2006-07	8,305,000	17,065,525	25,370,525
2007-08	8,675,000	16,698,194	25,373,194
2008-09	9,065,000	16,307,914	25,372,914
2009-10	9,505,000	15,868,746	25,373,746
2010-11	10,005,000	15,365,239	25,370,239
2011-12	10,520,000	14,851,620	25,371,620
2012-13	11,065,000	14,306,554	25,371,554
2013-14	11,670,000	13,701,495	25,371,495
2014-15	12,305,000	13,065,146	25,370,146
2015-16	12,980,000	12,391,482	25,371,482
2016-17	13,670,000	11,702,573	25,372,573
2017-18	14,370,000	11,001,573	25,371,573
2018-19	15,105,000	10,264,698	25,369,698
2019-20	15,880,000	9,490,073	25,370,073
2020-21	16,695,000	8,675,698	25,370,698
2021-22	17,550,000	7,819,573	25,369,573
2022-23	18,470,000	6,900,603	25,370,603
2023-24	19,460,000	5,914,422	25,374,422
2024-25	20,470,000	4,899,800	25,369,800
2025-26	21,490,000	3,880,750	25,370,750
2026-27	22,535,000	2,835,156	25,370,156
2027-28	23,635,000	1,738,619	25,373,619
2028-29	24,785,000	588,644	25,373,644
TOTAL BONDS PAYABLE	$ 378,220,000	$ 306,819,276	$ 685,039,276

OPERATING EXPENSES

YEARS ENDED JUNE 30, 2002 AND 2001

SCHEDULE B-1

UNAUDITED

	Year Ended June 30	
	2002	2001
COST OF PURCHASED WATER USED:		
Inventory of Purchased Water in Storage - Beginning of Period	$ 12,798,650	$ 9,960,559
Water Purchased	115,560,312	106,160,199
Total Purchased Water Available	128,358,962	116,120,758
Inventory of Purchased Water in Storage - End of Period	31,047,394	12,798,650
TOTAL COST OF PURCHASED WATER USED	97,311,568	103,322,108
DIVISION OF WATER OPERATIONS:		
Impounding and Transmission System		
Recreation	2,714,155	2,446,071
Operation Supervision and Office	8,811,244	12,490,590
Surface Source of Supply	2,110,468	2,359,576
Transmission	15,810	211,476
General Expense	1,071,012	1,966,149
Total Impounding and Transmission System	14,722,689	19,473,862
Filtration and Purification	15,322,514	10,148,399
Operation Supervision and Office	10,738,566	11,508,309
Accrued Claims	3,075,379	(422,815)
Mains	15,374,911	16,594,954
Services	991,601	1,569,058
Hydrants	45	85
Meters	5,634,093	4,536,140
Booster Pumping Stations	5,489	582,486
Reservoirs and Tanks	1,767	729,278
Reclaimed Water - Retrofits	1,363,747	1,331,005
TOTAL DIVISION OF WATER OPERATIONS	67,230,801	66,050,761
DIVISION OF CAPITAL IMPROVEMENTS PROGRAM MANAGEMENT:		
Administration and Office	5,568,905	5,974,891
Project Management	1,994,195	993,636
Planning and Development	415	13,450
Division Management	600,171	1,064,142
Public Information	323,092	429,067
TOTAL DIVISION OF CAPITAL IMPROVEMENTS PROGRAM MANAGEMENT	8,486,778	8,475,186
ACCOUNTING AND SERVICES:		
General Accounting	305,015	234,097
Customer Services	6,697,373	7,154,672
TOTAL ACCOUNTING SERVICES	7,002,388	7,388,769
GENERAL AND ADMINISTRATIVE:		
Utilities Administration and Office	13,147,983	9,971,125
Expenses of Other City Departments Applicable to the Water Utility	9,376,787	8,699,009
Engineering Expenses	1,887,694	1,228,256
Water Conservation Efforts	3,675,851	4,136,217
Uncollectible Accounts	535,014	53,102
General Expense	1,356,090	987,404
TOTAL GENERAL AND ADMINISTRATIVE	29,979,419	25,075,113
TAXES:		
In Lieu Taxes: San Diego County Water Authority	1,039,222	949,293
Taxes County of San Diego	142,017	111,358
TOTAL TAXES	1,181,239	1,060,651
DEPRECIATION AND AMORTIZATION	12,624,432	12,528,800
TOTAL OPERATING EXPENSES (Exhibit B)	$ 223,816,625	$ 223,901,388

ESTIMATED AND ACTUAL CASH RECEIPTS

SCHEDULE E-1

YEAR ENDED JUNE 30, 2002

UNAUDITED

	Estimate	Actual	Actual Over or (Under) Estimate
Sale of Water	$ 200,688,900	$ 199,875,936	$ (812,964)
Service Charges	930,300	493,441	(436,859)
Land and Building Rentals	3,466,000	3,628,261	162,261
New Water Services	1,281,200	2,097,484	816,284
Sale of Discarded Materials and Facilities	25,400	12,290	(13,110)
Interest Earnings	11,716,000	10,621,745	(1,094,255)
Damages Recovered	128,300	325,170	196,870
Services Rendered Other Funds	5,331,283	6,245,735	914,452
Services Rendered Others	1,495,300	2,164,577	669,277
Water System Capacity Charges	16,048,400	22,249,985	6,201,585
Recreation Program and Fees	1,137,900	1,266,268	128,368
Contributions in Aid	4,406,266	2,664,436	(1,741,830)
Sale of Land	-	1,012,976	1,012,976
Non-Operating Grants	320,858	200,881	(119,977)
Reimbursement from Long-Term Debt	110,068,000	101,608,025	(8,459,975)
Other Revenue	338,400	8,250,132	7,911,732
TOTAL RECEIPTS (Exhibit E)	$ 357,382,507	$ 362,717,342	$ 5,334,835

APPROPRIATIONS, EXPENDITURES AND ENCUMBRANCES

SCHEDULE E-2

YEAR ENDED JUNE 30, 2002

UNAUDITED

	Appropriations	Expenditures	Encumbrances	Total	Balance
Maintenance and Operations					
Salaries and Wages	$ 36,107,917	$ 34,940,055	$ -	$ 34,940,055	$ 1,167,862
Supplies and Expenses	101,800,890	75,944,016	10,874,723	86,818,739	14,982,151
Equipment	2,294,824	1,020,862	300,233	1,321,095	973,729
Total Maintenance and Operations	140,203,631	111,904,933	11,174,956	123,079,889	17,123,742
Outlay:					
Salaries and Wages	-	4,788,820	-	4,788,820	(4,788,820)
Construction	215,978,207	115,641,543	66,161,840	181,803,383	34,174,824
Total Outlay	215,978,207	120,430,363	66,161,840	186,592,203	29,386,004
Other:					
San Diego County Water Authority	101,900,000	96,754,855	11,300,000	108,054,855	(6,154,855)
Water Conservation	4,641,744	3,442,021	268,488	3,710,509	931,235
Right-of-Way	884,000	1,066,681	-	1,066,681	(182,681)
Water Revenue Bonds	21,779,742	21,929,811	-	21,929,811	(150,069)
Reimbursement to City of San Diego:					
Expenses of Other City Departments Applicable to the Water Utility	2,971,361	2,971,361	-	2,971,361	-
Unallocated Reserve	3,580,374	-	-	-	3,580,374
Total Other	135,757,221	126,164,729	11,568,488	137,733,217	(1,975,996)
TOTAL (Exhibit E)	$ 491,939,059	$ 358,500,025	$ 88,905,284	$ 447,405,309	$ 44,533,750

COMPARATIVE STATISTICS
LAST 30 YEARS

TABLE I

UNAUDITED

Fiscal Year	Water Capital Assets	Bonded Debt	Bonds Payable	Total Net Assets	Retained Earnings
2001 - 2002	$ 1,305,264,589	$ -	$ 378,220,000	$ 979,905,315	$ -
2000 - 2001	1,163,620,055	-	385,000,000	950,145,892	-
1999 - 2000	1,038,508,991	-	385,000,000	-	291,010,795
1998 - 1999	935,811,905	-	385,000,000	-	266,335,816
1997 - 1998	863,229,833	-	-	-	266,298,025
1996 - 1997	822,992,252	-	-	-	254,069,941
1995 - 1996	749,234,434	-	-	-	245,201,770
1994 - 1995	689,106,295	-	-	-	239,508,768
1993 - 1994	626,737,242	-	-	-	239,132,054
1992 - 1993	586,633,825	-	-	-	230,196,751
1991 - 1992	539,772,877	-	-	-	221,364,414
1990 - 1991	489,482,460	-	-	-	211,719,271
1989 - 1990	466,753,038	170,000	-	-	204,365,266
1988 - 1989	438,332,681	340,000	-	-	193,028,191
1987 - 1988	405,096,381	720,000	-	-	157,853,534
1986 - 1987	366,622,054	1,100,000	-	-	139,740,848
1985 - 1986	340,521,942	1,480,000	-	-	121,499,857
1984 - 1985	318,620,979	1,860,000	-	-	119,513,109
1983 - 1984	298,748,076	2,240,000	-	-	110,772,323
1982 - 1983	282,270,412	2,620,000	-	-	104,212,739
1981 - 1982	270,416,609	3,000,000	-	-	98,830,416
1980 - 1981	257,694,556	3,630,000	-	-	92,245,521
1979 - 1980	239,567,013	4,260,000	-	-	81,425,287
1978 - 1979	226,960,836	4,965,000	-	-	73,635,922
1977 - 1978	216,904,233	5,745,000	-	-	66,428,647
1976 - 1977	209,090,926	6,525,000	-	-	64,150,412
1975 - 1976	203,915,924	7,305,000	-	-	63,405,709
1974 - 1975	197,910,525	8,285,000	-	-	60,514,578
1973 - 1974	192,473,688	9,575,000	-	-	56,701,342
1972 - 1973	181,859,155	10,865,000	-	-	57,181,583

COMPARATIVE STATISTICS
LAST 30 YEARS

UNAUDITED

Fiscal Year	Revenue	Maintenance and Operation Expenses	Water Purchased or Used*			Depreciation Amortization
			Imported Water		Saline Water Cost	
			Cost*	Acre Feet*		
2001 - 2002	$ 234,732,114	$ 113,348,899	$ 97,311,568	219,170.2	$ -	$ 12,624,432
2000 - 2001	242,401,021	108,675,715	103,322,108	235,357.9	-	12,528,800
1999 - 2000	248,889,303	98,199,603	92,281,310	210,208.0	-	14,136,250
1998 - 1999	211,367,597	96,067,333	84,123,245	196,091.5	-	13,284,102
1997 - 1998	181,612,655	89,448,267	68,138,177	170,994.0	-	11,105,888
1996 - 1997	172,707,510	80,975,285	69,545,617	164,022.7	-	12,759,173
1995 - 1996	167,892,834	78,628,641	72,962,074	172,080.4	-	9,935,886
1994 - 1995	145,628,214	78,077,896	57,886,929	145,994.8	-	8,672,950
1993 - 1994	140,807,446	69,381,755	52,657,992	190,101.1	-	9,212,932
1992 - 1993	128,588,492	59,154,351	52,178,019	188,368.3	-	7,731,501
1991 - 1992	116,094,979	57,686,053	41,491,445	149,788.6	-	7,096,656
1990 - 1991	117,121,332	54,531,947	47,650,710	201,057.8	-	6,907,474
1989 - 1990	125,267,706	43,851,446	50,831,197	288,500.4	-	6,698,375
1988 - 1989	136,183,000	41,481,831	46,523,472	201,977.4	-	6,190,613
1987 - 1988	110,668,487	35,739,476	43,789,795	208,550.6	-	5,732,815
1986 - 1987	104,381,127	32,805,218	39,808,142	197,643.1	-	5,196,235
1985 - 1986	82,907,314	31,424,159	35,801,406	183,690.7	-	4,892,159
1984 - 1985	79,740,887	28,631,493	29,513,030	155,826.1	-	4,648,067
1983 - 1984	65,912,907	26,628,483	19,028,280	120,877.8	-	4,461,689
1982 - 1983	55,325,538	23,755,751	12,341,385	122,251.3	-	4,435,477
1981 - 1982	53,024,102	20,479,162	14,481,455	143,918.8	-	3,945,427
1980 - 1981	52,668,931	19,296,192	11,760,733	119,889.7	-	3,702,104
1979 - 1980	42,676,380	15,635,427	9,615,852	107,712.0	-	3,382,878
1978 - 1979	38,150,842	13,310,073	7,966,887	108,521.0	-	3,323,911
1977 - 1978	33,854,005	11,676,871	8,946,295	142,761.4	-	3,277,211
1976 - 1977	32,641,018	11,015,318	10,721,716	164,292.4	-	2,953,427
1975 - 1976	32,723,255	10,119,104	9,906,116	168,722.5	-	3,049,505
1974 - 1975	27,619,347	9,373,626	8,547,369	152,466.0	-	2,805,091
1973 - 1974	23,844,758	8,866,523	7,026,638	125,019.8	-	2,778,632
1972 - 1973	21,552,020	8,097,603	8,773,772	165,211.7	20,043	2,578,850

* Effective 1974-1975 the water data represents cost of water used. For the years 1973-1974 and prior, the water data represents water purchased. One acre foot equals 325,900 gallons.

TABLE I
CONTINUED

In Lieu Taxes	Bonded Debt Interest	Water Revenue Bonds Interest	Contributions and Operating Transfers	Change In Net Assets	Net Income* (Net Loss)	Fiscal Year
$ 1,039,222	$ -	$ 18,487,877	$ 37,839,308	$ 29,759,424	$ -	2001 - 2002
949,293	-	18,722,024	33,099,086	31,302,167	-	2000 - 2001
889,765	-	18,707,396	-	-	24,674,979	1999 - 2000
791,645	-	17,063,481	-	-	37,791	1998 - 1999
692,239	-	-	-	-	12,228,084	1997 - 1998
784,636	-	-	-	-	8,642,799	1996 - 1997
673,231	-	-	-	-	5,693,002	1995 - 1996
613,725	-	-	-	-	376,714	1994 - 1995
619,464	-	-	-	-	8,935,303	1993 - 1994
692,284	-	-	-	-	8,832,337	1992 - 1993
175,682	-	-	-	-	9,645,143	1991 - 1992
673,229	3,967	-	-	-	7,354,005	1990 - 1991
12,540,101	9,512	-	-	-	11,337,075	1989 - 1990
6,789,342	23,085	-	-	-	35,174,657	1988 - 1989
7,303,365	39,550	-	-	-	18,063,486	1987 - 1988
8,279,806	50,735	-	-	-	18,240,991	1986 - 1987
8,738,282	64,560	-	-	-	1,986,748	1985 - 1986
8,129,125	78,386	-	-	-	8,740,786	1984 - 1985
9,142,661	92,210	-	-	-	6,559,584	1983 - 1984
7,109,599	106,034	-	-	-	7,577,292	1982 - 1983
7,408,145	125,018	-	-	-	6,584,895	1981 - 1982
6,945,298	144,370	-	-	-	10,820,234	1980 - 1981
6,088,908	163,950	-	-	-	7,789,365	1979 - 1980
6,157,872	184,824	-	-	-	7,207,275	1978 - 1979
7,469,211	206,182	-	-	-	2,278,235	1977 - 1978
6,978,315	227,539	-	-	-	744,703	1976 - 1977
6,505,594	251,805	-	-	-	2,891,131	1975 - 1976
5,869,709	284,316	-	-	-	739,236	1974 - 1975
5,335,690	317,516	-	-	-	(480,241)	1973 - 1974
5,063,372	350,645	-	-	-	(3,332,265)	1972 - 1973

* After Operating Transfers

GENERAL STATISTICS

TABLE II

YEAR ENDED JUNE 30, 2002

UNAUDITED

Square Miles of Land Area (City)	331
Square Miles of Water Area (City)	73
Square Miles of Land and Water Area (City)	404
Population (Estimated June 30, 2002)	1,255,700
Population per Square Mile (Land)	3,794
Total Water Deliveries (Million Gallons) (Raw and Filtered)	76,783.75
Raw Water Used Outside City (Million Gallons)	2,620.02
Sales to California-American Water Company (Million Gallons)	2,446.86
Sales to City of Del Mar (Million Gallons)	441.00
Net Water Deliveries to City (Million Gallons) (Raw and Filtered)	71,275.87
Water Sales by California-American Water Company, Within City's South Bay Area (Million Gallons)	3,890.92
Total City Water Consumption, Including South Bay Area (Million Gallons)	75,166.79
Average Daily City Water Consumption (Million Gallons)	205.94
Average Daily Water Consumption Per Capita (Gallons)	164.00
Minimum Daily Filtered Water Consumption, December 16, 2001 (Million Gallons)	137.00
Maximum Daily Filtered Water Consumption, August 17, 2001 (Million Gallons)	273.60
Water Meters in Service June 30, 2002	266,627
Water Distribution Mains in Service June 30, 2002 (Miles)	3,157.12
Fire Hydrants in Service June 30, 2002	23,844

LOCAL CLIMATIC STATISTICS
YEAR ENDED JUNE 30, 2002

TABLE III

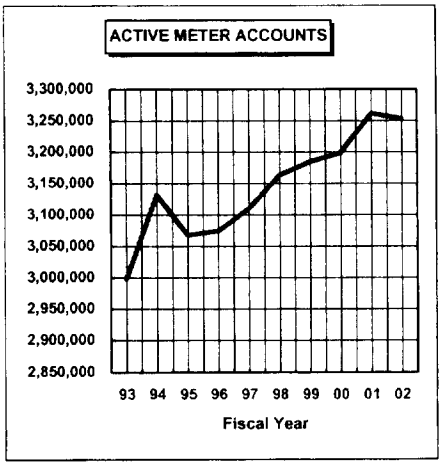
UNAUDITED

Average Daytime Temperature - Season Fiscal Year 2002	67.7 F.
Average Nightime Temperature - Season Fiscal Year 2002	56.8 F.
Average Temperature - Season Fiscal Year 2002	62.2 F.
Average Annual Temperature of Forty Year Period, 1962 - 2001	64.0 F.
Rainfall in the City of San Diego (at San Diego International Airport) During the Season Fiscal Year 2002	3.02 Inches
Normal Seasonal Rainfall	9.99 Inches
Seasons Having Rainfall ABOVE Normal, Recorded Since Fiscal Year 1952	19
Seasons Having Rainfall BELOW Normal, Recorded Since Fiscal Year 1952	32
Heaviest Seasonal Rainfall Recorded During the Last Twenty Fiscal Years (FY 1993)	18.31 Inches
Lightest Seasonal Rainfall Recorded During the Last Twenty Fiscal Years (FY 2002)	3.02 Inches
Average Seasonal Rainfall Recorded During the Last Twenty Fiscal Years	10.28 Inches
Heaviest Seasonal Rainfall Recorded Since Fiscal Year 1850 (FY 1884)	25.97 Inches
Lightest Seasonal Rainfall Recorded Since Fiscal Year 1850 (FY 2002)	3.02 Inches

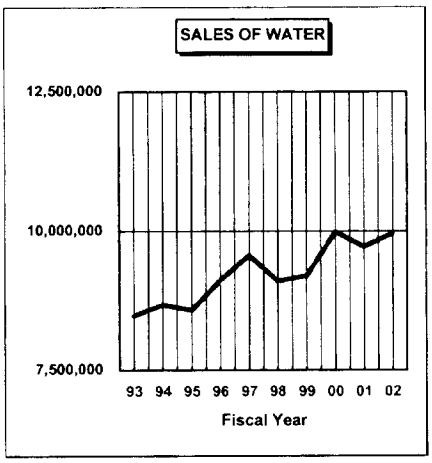
CUSTOMER AND SALES STATISTICS

TABLE IV

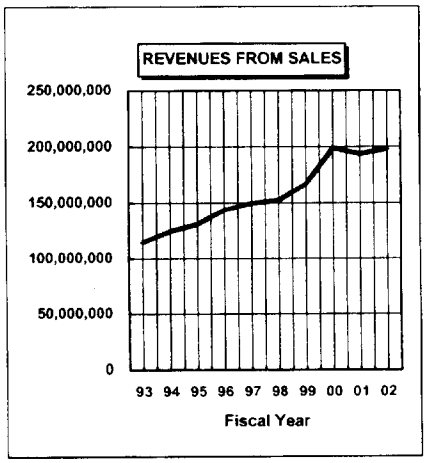
UNAUDITED



CLASS	YEAR ENDING JUNE 30 2002	2001	GROWTH AMOUNT	PERCENT
A. METER MONTHS BILLED				
Single Family Domestic	2,631,883	2,636,962	(5,079)	-0.2%
Other Domestic	368,556	367,659	897	0.2%
Commercial	247,764	251,165	(3,401)	-1.4%
Industrial	4,231	4,493	(262)	-5.8%
Outside City Services	654	650	4	0.6%
Other Utilities	83	93	(10)	-10.8%
TOTALS	3,253,171	3,261,022	(7,851)	-0.2%



B. SALES OF WATER (Millions of Cubic Feet)				
Single Family Domestic	3,501	3,374	127	3.8%
Other Domestic	2,223	2,203	20	0.9%
Commercial	3,474	3,340	134	4.0%
Industrial	205	233	(28)	-12.0%
Outside City Services	4	3	1	33.3%
Other Utilities	544	561	(17)	-3.0%
TOTALS	9,951	9,714	237	2.4%



C. REVENUES (Thousand Dollars)				
Single Family Domestic	$ 75,547	$ 73,300	$ 2,247	3.1%
Other Domestic	42,686	42,081	605	1.4%
Commercial	66,470	63,536	2,934	4.6%
Industrial	3,536	4,005	(469)	-11.7%
Reclaimed	2,334	3,525	(1,191)	0.0%
Outside City Services	129	110	19	17.3%
Other Utilities	6,841	6,581	260	4.0%
Irrigation Districts	522	635	(113)	-17.8%
TOTALS	$ 198,065	$ 193,773	$ 4,292	2.2%

PRINCIPAL RATES (AS OF JUNE 30, 2002) **TABLE V**

UNAUDITED

1. **General Water Service** (Domestic, Commercial and Industrial Use)

a. Customer charge per meter per month:

Size of Meter	Amount
Under 1 inch	$ 9.63
1 inch	10.23
1 1/2 inch	46.27
2 inch	71.16
3 inch	256.53
4 inch	427.93
6 inch	955.93
8 inch	1,286.59
10 inch	1,724.12
12 inch	2,395.42
16 inch	3,989.75

b. Commodity Charge (in addition to customer charge) for each unit of 100 cubic feet (748 gallons):

User Class	Rate
Single Family Domestic	$ 1.273 each for first seven (7) units $ 1.623 each for units 8 - 14 $ 1.793 for each subsequent unit
All Other	$ 1.493 each per unit

2. For domestic, commercial, and industrial service outside the City, the rate is double those listed above. Water supplied for agriculture use outside the City is the same as the above rate for the All Other user class.

3. **Fire Service and Automatic Sprinklers**

Size of Service Conn.	Rate per Month	Size of Service Conn.	Rate per Month
1 1/2 inch	$ 6.26	8 inch	$ 33.40
2 inch	8.35	10 inch	41.75
3 inch	12.53	12 inch	50.10
4 inch	16.70	16 inch	66.80
6 inch	25.05	20 inch	83.50

METRIC EQUIVALENTS

1 Acre foot	=	1,234 Cubic Meters
HCF (100 ft P)	=	2.832 Cubic Meters
1 Gallon	=	.003785 Cubic Meters

The City of San Diego

Water Department

600 B Street
San Diego, California 92101

Office of the City Auditor
and Comptroller

202 C Street
San Diego, California 92101

This information is available in alternative formats upon request.

Esta informacíon se encuentra disponible en otros medios.

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