Received _____

Examined _____

U# _____

2016
ANNUAL REPORT
OF
DISTRICT WATER SYSTEM OPERATIONS
OF

Golden State Water Company

(NAME OF CORPORATION)

Name of District: Metropolitan Location: Gardena, (TOWN OR CITY) Los Angeles (COUNTY)

TO THE
PUBLIC UTILITIES COMMISSION
STATE OF CALIFORNIA
FOR THE YEAR ENDED DECEMBER 31, 2016

REPORT MUST BE FILED NOT LATER THAN MARCH 31, 2017

TABLE OF CONTENTS

SCHEDULE A-1a
Utility Plant in Service

Line No.	Acct	Title of Account (a)	Balance Beginning of Year (b)	Additions During Year (c)	Retirements During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
		I. INTANGIBLE PLANT					
1	301	Organization	205,094	-	-	-	205,094
2	302	Franchises and Consents (Schedule A-1b)	22,671	-	-	-	22,671
3	303	Other Intangible Plant	7,054,142	262,469	-	-	7,316,611
4		**Total intangible plant**	**7,281,907**	**262,469**	**-**	**-**	**7,544,376**
		II. LANDED CAPITAL					
5	306	Land and Land Rights	495,149	-	-	-	495,149
		Total Landed Capital	**495,149**	**-**	**-**	**-**	**495,149**
		III. SOURCE OF SUPPLY PLANT					
6	311	Structures and Improvements	23,017	-	-	-	23,017
7	312	Collecting and Impounding Reservoirs	12,132	-	-	-	12,132
8	313	Lake, River and Other Intakes	-	-	-	-	-
9	314	Springs and Tunnels	-	-	-	-	-
10	315	Wells	20,303,078	(1,333,481)	-	-	18,969,597
11	316	Supply Mains	7,391,673	88,987	(1,200)	(24,857)	7,454,603
12	317	Other Source of Supply Plant	33,843	-	-	-	33,843
13		**Total source of supply plant**	**27,763,743**	**(1,244,494)**	**(1,200)**	**(24,857)**	**26,493,192**
		IV. PUMPING PLANT					
14	321	Structures and Improvements	7,609,273	120,610	(4,560)	-	7,725,323
15	322	Boiler Plant Equipment	-	-	-	-	-
16	323	Other Power Production Equipment	-	-	-	-	-
17	324	Pumping Equipment	34,269,988	2,588,396	(491,637)	36,219	36,402,966
18	325	Other Pumping Plant	3,403,055	783,221	(3,137)	-	4,183,139
19		**Total pumping plant**	**45,282,316**	**3,492,227**	**(499,334)**	**36,219**	**48,311,428**
		V. WATER TREATMENT PLANT					
20	331	Structures and Improvements	7,866,998	844,910	(6,307)	-	8,705,601
21	332	Water Treatment Equipment	20,652,836	1,002,568	(2,581)	17,743	21,670,566
22		**Total water treatment plant**	**28,519,834**	**1,847,478**	**(8,888)**	**17,743**	**30,376,167**

SCHEDULE A-1a
Utility Plant in Service (Continued)

Line No.	Acct	Title of Account (a)	Balance Beginning of Year (b)	Additions During Year (c)	Retirements During During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
		VI. TRANSMISSION AND DIST. PLANT					
23	341	Structures and improvements	460,464	141,799	(17,211)	-	585,052
24	342	Reservoirs and tanks	15,888,293	269,517	(3,649)	-	16,154,161
25	343	Transmission and distribution mains	241,217,303	37,269,309	(727,071)	(11,362)	277,748,179
26	344	Fire mains	3,918,634	1,841,882	(47,892)	-	5,712,624
27	345	Services	72,279,560	9,063,564	(2,431,248)	-	78,911,876
28	346	Meters	32,910,323	2,097,410	(8,976,585)	(116,783)	25,914,365
29	347	Meter installations	-	-	-	-	-
30	348	Hydrants	33,393,097	4,335,262	(224,605)	116,783	37,620,537
31	349	Other transmission and distribution plant	1,196,931	-	-	-	1,196,931
32		**Total transmission and distribution plant**	**401,264,605**	**55,018,743**	**(12,428,261)**	**(11,362)**	**443,843,725**
		VII. GENERAL PLANT					
33	371	Structures and improvements	4,228,098	-	-	-	4,228,098
34	372	Office furniture and equipment	1,044,791	(864)	(52,636)	-	991,291
35	373	Transportation equipment	2,501,541	303,698	(123,637)	(806,692)	1,874,910
36	374	Stores equipment	-	-	-	-	-
37	375	Laboratory equipment	3,326	-	-	-	3,326
38	376	Communication equipment	298,584	-	-	(29,905)	268,679
39	377	Power operated equipment	781,427	45,794	-	-	827,221
40	378	Tools, shop and garage equipment	1,300,939	103,217	(18,689)	(17,743)	1,367,724
41	379	Other general plant	44,423	-	-	-	44,423
42		**Total general plant**	**10,203,129**	**451,845**	**(194,962)**	**(854,340)**	**9,605,672**
		VIII. UNDISTRIBUTED ITEMS					
43	390	Other tangible property	11,774	-	-	-	11,774
44	391	Utility plant purchased	15,092,348	-	-	-	15,092,348
45	392	Utility plant sold	-	-	-	-	-
46		**Total undistributed items**	**15,104,122**	**-**	**-**	**-**	**15,104,122**
47		**Total utility plant in service**	**535,914,805**	**59,828,268**	**(13,132,645)**	**(836,597)**	**581,773,831**

SCHEDULE A-1b
Account 302 - Franchises and Consents

Line No.	Name of Original Grantor (a)	Date of Grant (b)	Term in Years (c)	Date of Acquisition by Utility (d)	Amount at which Carried in Account[1] (e)
1					
2	Refer to Company Schedule A-1b				
3					
4					
5	Total				

[1] The total should agree with the balance at the end of the year in Account 302 in Schedule A-1a Line 10.

SCHEDULE A-1c
DISTRICT RATE BASE AND WORKING CASH

Line No.	Acct.	Title of Account (a)	Balance 12/31/2016 (c)	Balance 1/1/2016 (d)
		RATE BASE		
1		Utility Plant		
2		Plant in Service	581,773,832	535,914,806
3		Construction Work in Progress	30,018,406	29,741,774
4		General Office Prorate	(8,321,054)	(8,321,054)
5		**Total Gross Plant (=Line 2 + Line 3 + Line 4)**	**603,471,184**	**557,335,525**
6		Less Accumulated Depreciation		
7		Plant in Service	151,186,496	154,239,146
8		General Office Prorate		-
9		**Total Accumulated Depreciation (=Line 7 + Line 8)**	**151,186,496**	**154,239,146**
10		Less Other Reserves		
11		Deferred Income Taxes	81,167,692	68,947,631
12		Deferred Investment Tax Credit	368,723	380,255
13		Other Reserves	1,781,947	1,520,916
14		**Total Other Reserves (=Line 11 + Line 12 + Line 13)**	**83,318,361**	**70,848,802**
15		Less Adjustments		
16		Contributions in Aid of Construction	43,640,529	42,028,429
17		Advances for Construction	7,465,459	7,595,384
18		Other		-
19		**Total Adjustments (=Line 16 + Line 17 + Line 18)**	**51,105,988**	**49,623,813**
20		**Add Materials and Supplies**	1,299,559	2,348,307
21		**Add Working Cash (=Line 34)**	(2,473,188)	2,952,100
		Add General Office, Rgions, District office, CSA allocation	13,683,127	14,504,260
22		**TOTAL DISTRICT RATE BASE**		
23		**(=Line 5 - Line 9 - Line 14 - Line 19 + Line 20 + Line 21)**	**330,369,836**	**302,428,431**

		Working Cash		
24		**Determination of Operational Cash Requirement**		
25		Operating Expenses, Excluding Taxes, Depreciation & Uncollectible		
26		Purchased Power & Commodity for Resale*		
27		Meter Revenues: Bimonthly Billing		
28		Other Revenues: Flat Rate Monthly Billing		
29		Total Revenues (=Line 27 + Line 28)		
30		Ratio - Flat Rate to Total Revenues (=Line 28 / Line 29)		
31		5/24 x Line 25 x (100% - Line 30)		
32		1/24 x Line 25 x Line 30		
33		1/12 x Line 26		
34		Operational Cash Requirement (=Line 31 + Line 32 - Line 33)	"See attached schedule"	

* Electric power, gas or other fuel purchased for pumping and/or purchased commodity for resale billed after receipt (metered).

GOLDEN STATE WATER COMPANY
Region 2 Customer Service Area
DEVELOPMENT OF AVERAGE LAG IN PAYMENT OF EXPENSES AND TAXES AND ACCRUING DEPRECIATION

		(a)	(b)	(c)	(d)
	CPUC WUDF ACCOUNT	DESCRIPTION	2016 PROPOSED ($000's)	AVG. NO. OF DAYS LAG	THOUSAND DOLLAR-DAYS LAG
		OPERATING EXPENSES:			
1	70400	PURCHASED WATER	20,930.3	55.0	1,151,935.7
2	72600	POWER FOR PUMPING	2,278.3	47.0	107,103.2
3	73500	PUMP TAXES	11,017.6	77.3	851,422.0
4	74400	CHEMICALS	783.9	30.3	23,760.4
5	77300	COMMON CUSTOMER ACCOUNT	2,744.9	25.0	68,667.7
6	77325	POSTAGE	0.0	0.0	0.0
7	77500	UNCOLLECTIBLES	436.5	0.0	0.0
8	78000	OPERATION LABOR	3,226.3	12.5	40,328.7
9	78100	ALL OTHER OPERATION EXPENSES	1,949.2	45.5	88,727.6
10	78700	MAINTENANCE LABOR	888.7	12.5	11,108.8
11	78800	ALL OTHER MAINTENANCE EXPENSES	3,326.2	48.0	159,634.6
12	79200	OFFICE SUPPLIES AND EXPENSE	330.3	38.4	12,670.6
13	79300	PROPERTY INSURANCE	0.0	0.0	0.0
14	79400	INJURIES AND DAMAGES	419.2	(165.1)	(69,208.8)
15	79500	PENSIONS AND BENEFITS	1,814.2	(1.8)	(3,265.5)
16	79600	BUSINESS MEALS	9.5	28.4	270.3
17	79700	REGULATORY COMMISSION	0.0	7.5	0.0
18	79800	OUTSIDE SERVICES	108.4	56.2	6,093.5
19	79900	MISCELLANEOUS	2.8	(163.9)	(459.2)
20	79910	ALLOCATED GENERAL OFFICE	17,649.2	6.1	107,095.6
21	80500	ALL OTHER MAINTENANCE GENERAL PLANT	34.1	50.2	1,710.2
22	81100	RENT	361.5	(13.1)	(4,737.2)
23	81500	A&G LABOR	972.0	12.5	12,150.4
24	50300	DEPRECIATION AND AMORTIZATION	13,053.3	0.0	0.0
25	50710	PROPERTY TAXES	3,568.0	40.0	142,718.1
26	50720	PAYROLL TAXES	424.6	13.5	5,732.1
27	50730	LOCAL TAXES	1,507.9	182.5	275,190.6
28		STATE INCOME TAX	2,682.4	96.0	257,507.8
29		FEDERAL INCOME TAX	8,938.1	106.0	947,434.3
30		TOTAL OPERATING EXPENSES	99,457.4		4,193,591.3
31		AVERAGE LAG ---------->			42.16

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

32		(1) Average Lag in Collection of Revenues	33.09 days
33		(2) Average Lag in Payment of Expenses, Taxes and Accruing Depreciation	42.16 days
34		(3) Excess of Collection Lag over Payment Lag	-9.08 days
35		(4) Total of Expenses, Taxes and Depreciation	$99,457.4
36		(5) Daily Total of Expenses, Taxes and Depreciation	$272.5
37		(6) Average Amount of Working Cash Capital Required as a Result of Paying Exp., Taxes and Deprciation in Advance of Collecting Revenues	($2,473.2)

NOTE: Schedule incorporate dollars (Accounts 793.00 Property Insurance, 794.00 Injuries and Damages, and 795.00 Pension & Benefits) for Working Cash calculation - Dollars were used expressly for working cash calculation.

SCHEDULE A-3
Depreciation and Amortization Reserves

Line No.	Item (a)	Account 250 Utility Plant (b)	Account 251 Limited-Term Utility Investments (c)	Account 252 Utility Plant Acquisition Adjustments (d)	Account 253 Other Property (e)
1	Balance in reserves at beginning of year	149,407,384	5,340,235	-	-
2	Add: Credits to reserves during year				
3	(a) Charged to Account 503, 504, 505	11,609,139	311,403	-	-
4	(b) Charged to Account 265	1,077,955	-	-	-
5	(c) Charged to Clearing Accounts	26,040	-	-	-
6	(d) Salvage recovered	33,552	-	-	-
7	(e) All other credits[1/]	-	-	-	-
8	**Total credits**	12,746,686	311,403	-	-
9	Deduct: Debits to reserves during year				
10	(a) Book cost of property retired	13,132,645	-	-	-
11	(b) Cost of removal	2,650,652	-	-	-
12	(c) All other debits[1/]	836,608	-	-	-
13	**Total debits**	16,619,905	-	-	-
14	Balance in reserve at end of year	145,534,165	5,651,638	-	-
15	State method of determining depreciation charges.	**Composite Rate**			
16					
17					
18	Report the depreciation claimed in your Federal Income Tax Return for the year - $	**NOT AVAILABLE BY DISTRICT**			
19	[1/] General reclassifications and rate base adjustments				
20					
21					

SCHEDULE A-3a

Analysis of Entries in Account 250-Reserve for Depreciation of Utility Plant

(This schedule is to be completed if records are maintained showing depreciation reserve by plant accounts)

Line No.	Acct.	DEPRECIABLE PLANT (a)	Balance Beginning of Year (b)	Credits to Reserve During Year Excluding Salvage (c)	Debits to Reserves During Year Excluding Cost Removal (d)	Salvage and Cost of Removal Net (Dr.) or Cr. (e)	Balance End of Year (f)
		I. SOURCE OF SUPPLY PLANT					
1	311	Structures and improvements	21,202	(822)	-	-	20,380
2	312	Collecting and impounding reservoirs	38,300	-	-	-	38,300
3	313	Lake, river and other intakes	-	-	-	-	-
4	314	Springs and tunnels	-	-	-	-	-
5	315	Wells	(2,343,215)	(572,168)	-	(171)	(2,915,554)
6	316	Supply mains	(1,771,045)	(196,713)	9,072	5,578	(1,953,108)
7	317	Other source of supply plant	(26,935)	(2,034)	-	-	(28,969)
8		**Total source of supply plant**	**(4,081,693)**	**(771,737)**	**9,072**	**5,407**	**(4,838,951)**
		II. PUMPING PLANT					
9	321	Structures and improvements	(1,390,609)	(223,192)	4,560	-	(1,609,241)
10	322	Boiler plant equipment	-	-	-	-	-
11	323	Other power production equipment	-	-	-	-	-
12	324	Pumping equipment	(9,546,516)	(1,232,030)	482,859	54,661	(10,241,026)
13	325	Other pumping plant	(988,671)	(141,862)	3,137	-	(1,127,396)
14		**Total pumping plant**	**(11,925,796)**	**(1,597,084)**	**490,556**	**54,661**	**(12,977,663)**
		III. WATER TREATMENT PLANT					
15	331	Structures and improvements	(1,083,358)	(285,114)	6,307	24,565	(1,337,600)
16	332	Water treatment equipment	(6,335,026)	(834,332)	1,097	-	(7,168,261)
17		**Total water treatment plant**	**(7,418,384)**	**(1,119,446)**	**7,404**	**24,565**	**(8,505,861)**
		IV. TRANSMISSION AND DISTRIBUTION PLANT					
18	341	Structures and improvements	(122,577)	(25,092)	17,211	77	(130,381)
19	342	Reservoirs and tanks	(2,102,075)	(296,393)	3,649	-	(2,394,819)
20	343	Transmission and distribution mains	(55,477,603)	(4,566,897)	727,977	877,502	(58,439,021)
21	344	Fire mains	(186,108)	(97,757)	47,892	25,959	(210,014)
22	345	Services	(24,929,358)	(1,527,033)	2,431,248	1,506,497	(22,518,646)
23	346	Meters	(21,657,368)	(1,735,328)	8,978,499	(23,714)	(14,437,911)
24	347	Meter installations	-	-	-	-	-
25	348	Hydrants	(7,818,929)	(720,789)	222,691	155,764	(8,161,263)
26	349	Other transmission and distribution plant	(381,040)	(25,614)	-	-	(406,654)
27		**Total trans. and distribution plant**	**(112,675,058)**	**(8,994,903)**	**12,429,167**	**2,542,085**	**(106,698,709)**
		V. GENERAL PLANT					
28	371	Structures and improvements	(631,287)	(73,992)	-	-	(705,279)
29	372	Office furniture and equipment	(577,392)	(23,733)	52,636	-	(548,489)
30	373	Transportation equipment	(2,467,405)	(26,040)	930,289	(9,618)	(1,572,774)
31	374	Stores equipment	-	-	-	-	-
32	375	Laboratory equipment	93	-	-	-	93
33	376	Communication equipment	(300,099)	-	29,956	-	(270,143)
34	377	Power operated equipment	(739,865)	(8,526)	-	-	(748,391)
35	378	Tools, shop and garage equipment	(879,870)	(97,673)	20,173	-	(957,370)
36	379	Other general plant	(83,776)	-	-	-	(83,776)
37	390	Other tangible property	(11,773)	-	-	-	(11,773)
38	391	Water plant purchased	(7,615,079)	-	-	-	(7,615,079)
39		**Total general plant**	**(13,306,453)**	**(229,964)**	**1,033,054**	**(9,618)**	**(12,512,981)**
40		TOTAL	**(149,407,384)**	**(12,713,134)**	**13,969,253**	**2,617,100**	**(145,534,165)**

SCHEDULE B-1
Operating Revenues

Line No.	Acct.	ACCOUNT (a)	Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
1		**I. WATER SERVICE REVENUES**	(1), (2)	(1)	
2	601	Metered sales to general customers			
3		601.1 Commercial sales	115,778,614	127,427,207	(11,648,593)
4		601.2 Industrial sales	1,885,973	1,840,627	45,346
5		601.3 Sales to public authorities	5,534,842	5,433,221	101,621
6		Sub-total	**123,199,430**	**134,701,055**	**(11,501,625)**
7	602	Unmetered sales to general customers			
8		602.1 Commercial sales	-	-	-
9		602.2 Industrial sales	-	-	-
10		602.3 Sales to public authorities	-	-	-
11		Sub-total	-	-	-
12	603	Sales to irrigation customers			
13		603.1 Metered sales	1,662,288	1,610,052	52,236
14		603.2 Unmetered sales	-	-	-
15		Sub-total	**1,662,288**	**1,610,052**	**52,236**
16	604	Private fire protection service	768,966	755,348	13,618
17	605	Public fire protection service	-	-	-
18	606	Sales to other water utilities for resale	-	-	-
19	607	Sales to governmental agencies by contracts	1,158,134	1,107,036	51,099
20	608	Interdepartmental sales	-	-	-
21	609	Other sales or service	(81,667)	(258,640)	176,973
22		Sub-total	**1,845,433**	**1,603,743**	**241,689**
23		Total water service revenues	**126,707,150**	**137,914,850**	**(11,207,700)**
24		**II. OTHER WATER REVENUES**			
25	611	Miscellaneous service revenues	614,664	341,561	273,103
26	612	Rent from water property	3,240	-	3,240
27	613	Interdepartmental rents	-	-	-
28	614	Other water revenues	(267,290)	116,176	(383,465)
29		Total other water revenues	**350,615**	**457,737**	**(107,123)**
30	501	Total operating revenues	**127,057,765**	**138,372,587**	**(11,314,823)**

(1) Amount excludes $100,000 of 2015 WRAM under-collection, which is estimated to not be collected within 24 months as required for revenue recognition under the accounting guidance for alternative revenue programs. As a result, for 2015, Metropolitan did not record $100,000 of the 2015 WRAM under-collection balance as revenue nor as a regulatory asset. However, this amount was included in Golden State Water Company's (GSWC) February 2016 filing to the CPUC for recovery. During 2016, Metropolitan recognized approximately $100,000 of the $100,000 as water revenues.

(2) On December 15, 2016, the CPUC issued a final decision on GSWC's water general rate case. GSWC filed a general rate case application in July 2014 for all of its water ratemaking areas and the general office to determine new rates for the years 2016 - 2018. The new rates approved by the CPUC were retroactive to January 1, 2016. Due to the delay in approving the general rate case, year-to-date 2016 billed revenues were based on 2015 adopted rates established in the prior rate case. As authorized by the CPUC, GSWC tracked the rate difference between interim rates and final rates authorized by the CPUC in December, retroactive to January 1, 2016. As a result, GSWC has a retroactive rate payable of -$3,514,873 related to Metropolitan as of 12/31/2016. Surcharges will be implemented later in 2017 to recover the retroactive rate difference.

SCHEDULE B-2
Operating Expenses - Class A, B, and C Water Utilities
(Respondent should use the group of accounts applicable to its class)

Line No.	Acct.	Account (a)	Class A	Class B	Class C	Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
		I. SOURCE OF SUPPLY EXPENSE						
		Operation						
1	701	Operation supervision and engineering	A	B		81,545	83,238	(1,693)
2	701	Operation supervision, labor and expenses			C			
3	702	Operation labor and expenses	A	B		2,743	2,823	(80)
4	703	Miscellaneous expenses	A			838	570	268
5	704	Purchased water including supply balancing account	A	B	C	25,560,649	35,457,360	(9,896,711)
		Maintenance						
6	706	Maintenance supervision and engineering	A	B		-	-	-
7	706	Maintenance of structures and facilities			C			
8	707	Maintenance of structures and improvements	A	B		10,373	-	10,373
9	708	Maintenance of collect and impound reservoirs	A			85,904	5,594	80,310
10	708	Maintenance of source of supply facilities		B				
11	709	Maintenance of lake, river and other intakes	A			12,647	-	12,647
12	710	Maintenance of springs and tunnels	A			-	-	-
13	711	Maintenance of wells	A			49,961	192,745	(142,784)
14	712	Maintenance of supply mains	A			54,726	27,604	27,122
15	713	Maintenance of other source of supply plant	A	B		119	662	(543)
16		**Total source of supply expense**				**25,859,504**	**35,770,596**	**(9,911,092)**
		II. PUMPING EXPENSES						
		Operation						
17	721	Operation supervision and engineering	A	B		115	-	115
18	721	Operation supervision labor and expense			C			
19	722	Power production labor and expense	A			-	-	-
20	722	Power production labor, expenses and fuel		B				
21	723	Fuel for power production	A			-	-	-
	724	**Pumping labor and expenses**	A	B		403,922	383,036	20,885
22	725	Miscellaneous expenses	A			180,940	225,355	(44,415)
23	726	Fuel or power purchased for pumping	A	B	C	1,662,939	1,769,221	(106,282)
		Maintenance						
24	729	Maintenance supervision and engineering	A	B		-	-	-
25	729	Maintenance of structures and equipment			C			
26	730	Maintenance of structures and improvements	A	B		92,069	121,337	(29,268)
27	731	Maintenance of power production equipment	A	B		-	-	-
28	732	Maintenance of pumping equipment	A	B		489,175	576,299	(87,124)
29	733	Maintenance of other pumping plant	A	B		-	-	-
30		**Total pumping expenses**				**2,829,159**	**3,075,248**	**(246,089)**

SCHEDULE B-2
Operating Expenses - Class A, B, and C Water Utilities (Continued)
(Respondent should use the group of accounts applicable to its class)

Line No.	Acct.	Account (a)	Class A	Class B	Class C	Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
		III. WATER TREATMENT EXPENSES						
		Operation						
31	741	Operation supervision and engineering	A	B		-	211	(211)
32	741	Operation supervision, labor and expenses			C			
33	742	Operation labor and expenses	A			823,088	941,732	(118,644)
34	743	Miscellaneous expenses	A	B		591,168	263,467	327,701
35	744	Chemicals and filtering materials	A	B		429,959	420,063	9,895
		Maintenance						
36	746	Maintenance supervision and engineering	A	B		-	-	-
37	746	Maintenance of structures and equipment			C			
38	747	Maintenance of structures and improvements	A	B		29,527	15,106	14,421
39	748	Maintenance of water treatment equipment	A	B		48,761	37,045	11,716
40		**Total water treatment expenses**				**1,922,503**	**1,677,624**	**244,879**
		IV. TRANS. AND DIST. EXPENSES						
		Operation						
41	751	Operation supervision and engineering	A	B		140,475	108,931	31,543
42	751	Operation supervision, labor and expenses			C			
43	752	Storage facilities expenses	A			48	203	(155)
44	752	Operation labor and expenses		B				
45	753	Transmission and distribution lines expenses	A			425,289	661,791	(236,502)
46	754	Meter expenses	A			455,614	485,438	(29,823)
47	755	Customer installations expenses	A			80,788	104,113	(23,324)
48	756	Miscellaneous expenses	A			656,390	680,559	(24,169)
		Maintenance						
49	758	Maintenance supervision and engineering	A	B		131,920	137,580	(5,660)
50	758	Maintenance of structures and plant			C			
51	759	Maintenance of structures and improvements	A	B		-	-	-
52	760	Maintenance of reservoirs and tanks	A	B		19,122	110,994	(91,872)
53	761	Maintenance of trans. and distribution mains	A			1,811,691	1,683,799	127,892
54	761	Maintenance of mains		B				
55	762	Maintenance of fire mains	A			-	-	-
56	763	Maintenance of services	A			691,402	584,033	107,369
57	763	Maintenance of other trans. and distribution plant		B				
58	764	Maintenance of meters	A			415,788	634,293	(218,505)
59	765	Maintenance of hydrants	A			373,147	537,460	(164,313)
60	766	Maintenance of miscellaneous plant	A				-	-
61		**Total transmission and distribution expenses**				**5,201,674**	**5,729,193**	**(527,519)**

SCHEDULED B-2
Operating Expenses - Class A, B, and C Water Utilities (Continued)
(Respondent should use the group of accounts applicable to its class)

Line No.	Acct.	Account (a)	Class A	Class B	Class C	Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
		V. CUSTOMER ACCOUNT EXPENSES						
		Operation						
	790	Transferred Customer Expenses				1,361,977	1,284,398	77,579
62	771	Supervision	A	B		50,297	52,659	(2,362)
63	771	Superv., meter read., other customer acct expenses			C			
64	772	Meter reading expenses	A	B		651,911	678,809	(26,898)
65	773	Customer records and collection expenses	A			510,554	503,681	6,873
66	773	Customer records and accounts expenses		B				
67	774	Miscellaneous customer accounts expenses	A			354,175	308,499	45,676
68	775	Uncollectible accounts	A	B	C	226,639	374,825	(148,186)
69		**Total customer account expenses**				**3,155,553**	**3,202,870**	**(47,317)**
		VI. SALES EXPENSES						
		Operation						
70	781	Supervision	A	B		-	-	-
71	781	Sales expenses			C			
72	782	Demonstrating and selling expenses	A			96	82	14
73	783	Advertising expenses	A			1,124	-	1,124
74	784	Miscellaneous sales expenses	A			-	-	-
75	785	Merchandising, jobbing and contract work	A			-	-	-
76		**Total sales expenses**				**1,220**	**82**	**1,138**
		VII. ADMINISTRATIVE AND GENERAL EXPENSES						
		Operation						
	790	Allocation of A&G Expenses				21,240,325	19,272,350	1,967,975
77	791	Administrative and general salaries	A	B	C	314,917	334,433	(19,516)
78	792	Office supplies and other expenses	A	B	C	386,193	381,401	4,792
79	793	Property insurance	A			-	-	-
80	793	Property insurance, injuries and damages		B	C			
81	794	Injuries and damages	A			97,010	109,581	(12,571)
82	795	Employees' pensions and benefits	A	B	C	2,089,729	2,423,005	(333,276)
83	796	Franchise requirements	A	B	C	8,349	10,394	(2,045)
84	797	Regulatory commission expenses	A	B	C	-	-	-
85	798	Outside services employed	A			149,940	525,158	(375,218)
86	798	Miscellaneous other general expenses		B				
87	798	Miscellaneous other general operation expenses			C			
88	799	Miscellaneous general expenses	A			3,329	4,051	(722)
		Maintenance					-	-
89	805	Maintenance of general plant	A	B	C	46,224	71,263	(25,040)
90		**Total administrative and general expenses**				**24,336,016**	**23,131,636**	**1,204,380**
		VIII. MISCELLANEOUS						
91	811	Rents	A	B	C	349,473	334,657	14,816
92	812	Administrative expenses transferred - Credit	A	B	C	-	-	-
93	813	Duplicate charges - Credit	A	B	C	-	-	-
94		**Total miscellaneous**				**349,473**	**334,657**	**14,816**
95		**Total operating expenses**				**63,655,101**	**72,921,906**	**(9,266,805)**

SCHEDULE B-4
Taxes Charged During Year

Line No.	Kind of Tax (See system support for instructions) (a)	Total Taxes Charged During Year (b)	Water (Account 507) (c)	Non-Utility (Account 321) (d)	Deferred -water (Account 507) (e -i)	Capitalized (f)
1	Taxes on real and personal property	3,388,650	3,388,650			
2	State income taxes	2,314,846	1,231,975		1,082,871	
3	Payroll taxes	423,128	423,128			
4	Other state and local taxes	1,627,655	1,627,655			
5	Other federal taxes	-	-			
6	Federal income tax	8,975,659	(2,446,467)		11,422,126	
7	Groundwater assessments	7,002,659	7,002,659			
	Total	23,732,598	11,227,601		12,504,997	

SCHEDULE D-1
Sources of Supply and Water Developed

Line No.	STREAMS			FLOW IN ... (Unit)[2]				Annual Quantities Diverted	Remarks
1	Diverted Into [1]	From Stream or Creek	Location of Diversion Point	Priority Right		Diversions			
2		*(Name)*		Claim	Capacity	Max	Min	____ (Unit)[2]	
3									
4									"None"
5									
6									
7									
8	WELLS					Pumping Capacity		Annual Quantities Pumped	Remarks
9					[3] Depth				
10	At Plant								
11	*(Name or Number)*	Location	Number	Diversions	in Water	____ (Unit)[2]		____ (Unit)[2]	
12	"REFER TO ATTACHED SCHEDULE"								
13									
14									
15									
16									
17	TUNNELS AND SPRINGS			FLOW IN ____ (Unit)[2]				Annual Quantities Used	Remarks
18									
19									
20	Designation	Location	Number	Maximum		Minimum		____ (Unit)[2]	
21									
22									
23									
24									
25									
26	**Purchased Water for Resale**								
27									
28									
29	Purchased from								
30	Annual quantities purchased			(Unit chosen) [2]		"REFER TO ATTACHED SCHEDULE"			
31									
32									

[1] State ditch, pipe line, reservoir, etc., with name, if any.

[2] The quantity unit in established use for expressing water stored and used in large amounts is the acre foot, which equals 43,560 cubic foot; in domestic use the thousand gallons or the hundred cubic feet. The rate of flow or discharge in larger amounts is expressed in cubic feet per second, in gallons per minute, in gallons per day, or in the miner's inch. Please be careful to state the unit used.

[3] Average depth to water surface below ground surface.

SCHEDULE D-2
Description of Storage Facilities

Line No.	Type	Number	Combined Capacity *(Gallons or Acre Feet)*	Remarks
1	A. Collecting Reservoirs			"REFER TO ATTACHED SCHEDULE"
2	Concrete			
3	Earth			
4	Wood			
5	B. Distribution Reservoirs			
6	Concrete			
7	Earth			
8	Wood			
9	C. Tanks			
10	Concrete			
11	Earth			
12	Wood			
13	Steel			
	Total			

Plant Facility Index

Region: II
District: Central
CSA: Central Basin East
System: 219 - Artesia

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells: Well No.	Wells: Depth (ft)	Wells: Casing Diam (in)	Wells: Column Setting	Pumps: Pump Type	Pumps: Energy Type	Pumps: Size (HP)	Pumps: Design Flow (gpm)	Pumps: Design Head (ft)	Tanks: Volume (MG)	Tanks: Type	Tanks: Material	Remarks
214th St																	No Facilities
Armstrong																	No Facilities
Centralia	Well 3	1957	33	0	04S11W07L01S	860	12 & 16	213									Out of Service
	Well 3 Pump								DWT	Elec	50	550	235				
	Well 4	1958		0	04S11W07L03S	861	12 & 16	232									Out of Service
	Well 4 Pump								DWT	Elec	50	700	189				
	Well 6	2005		1,697	04S11W07L05S	1180	18	267									Pumps through Mn filters to Reservoir
	Well 6 Pump								DWT	Elec	200	2000	242				
	Well 7																Under Construction
	Booster A	1959							V.T.	Elec	40	600	175				All boosters pump from
	Booster B	1974							V.T.	Elec	60	1000	175				reservoir to system.
	Booster C	1990							V.T.	Elec	50	1200	126				
	Booster D	1990							V.T.	Elec	50	1200	126				
	Fe & Mn Filters Well 3 & 4	1997															
	Fe & Mn Filters Well 6	2006															
	Backwash Recovery Pump	2006							E.S.	Elec	15	100	50				From Backwash Tanks to
	Backwash Tank A	2006												0.045	Backwash	W. Steel	Mn Filters for Well 6
	Backwash Tank B	2006												0.045	Backwash	W. Steel	
	Reservoir	1958												0.750	Ground	W. Steel	Booster Forebay
City of Cerritos Conn - 186th & Gridley	Connection	1973	53	2													Connection with City of Cerritos
City of Cerritos Conn - 195th & Pioneer	Connection	1966	44	32													Connection with City of Cerritos
City of Cerritos Conn - Artesia & Elaine	Connection	1977	56	0													Emergency connection with City of Cerritos
City of Lakewood Connection - Carson St	Connection	1998	33	0													Emergency connection with City of Lakewood
City of Long Beach Connection - Norwalk & Torin	Connection	2009	30	0													Emergency connection with City of Long Beach
Elaine																	No Facilities
GSWC WOC System Connection	Connection	1989	29	0													Metered Connection wth GSWC West Orange County System
Halbrite																	No Facilities
Hawaiian	Well 1	1959	36	160	04S11S07H02	822	12 & 16	192									Well through Mn and AS
	Well 1 Pump	2016							Subm	Elec	75	625	363				filters to main zone
	Fe & Mn Filters	2006															
	As Filters	2006															
	Backwash Tank	2006												0.045	Ground	W. Steel	Holding to discharge to waste
Juan	Well 4	2000	27	641	04S11W18F02S	730	18	180									Pumps through Mn and As
	Well 4 Pump								Subm	Elec	100	750	300				Filters to system.
	Fe & Mn Filters	2002															
	As Filters	2002															
	Backwash Tank	2002															

Plant Facility Index

Region: II
District: Central
CSA: Central Basin East
System: 219 - Artesia

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
Maidstone																	No Facilities
Massinger	Well 1	1962	35	93	04S12W12J01S	885	16	221									Pumps through Mn and As
	Well 1 Pump								Subm	Elec	60	520	325				
	Fe & Mn Filters	2006															Filters to System
	As Filters	2006															
	Backwash Tank	2006												0.045	Backwash	W. Steel	Holding to discharge to waste
Roseton	Well 1	1954	51	1,174	03S12W36B01S	1026	16	285									Well to System with pressure regulator
	Well 1 Pump								DWT	Elec	75	800	280				
	Well 2	2002		1,136	03S12W25Q03S	970	18										Well thru Mn Filters to System, VFD
	Well 2 Pump								DWT	Elec	125	1100	310				
	Mn Filters	2005															
	Backwash Recovery Pump	2005							E.S.	Elec		100	140				From Backwash Tank to Mn Filters
	Backwash Tank	2005												0.045	Backwash	W. Steel	
Seine																	No Facilities
Verne																	No Facilities
Vine																	No Facilities

Plant Facility Index

Region: II
District: Central
CSA: Central Basin East
System: 220 - Norwalk

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
CB-23	MWD Connection		105	0													To Main Zone
CB-35	MWD Connection		100	1,073													To Main Zone
City of Norwalk Connection - Hermes Rd	Connection		117	0													Emergency conection with City of Norwalk
City of Santa Fe Springs Connection	Connection		115	0													Emergency conection with City of Santa Fe Springs
Dace	Well 1	1955	100	0	03S11W18G05S	410	12 & 16	182									Off, to be destroyed
	Well 1 Pump								DWT	Elec.	100	600	355				
	Well 2	2015	100	212		1440	18	320									Well to main zone, VFD
	Well 2 Pump								DWT	Elec.	300	2000	420				
Imperial	Well 1	1918	102	598	03S12W13A03S	314	12	200									Well to Air Stripper to Clearwell
	Well 1 Pump								DWT	Elec.	50	800	190				
	Well 2	1946	105	746	03S12W13A02S	399	12	165									Well to Air Stripper to Imperial Clearwell
	Well 2 Pump								DWT	Elec.	50	650	200				
	Well 3	1953	102	610	03S12W13B04S	890	16	260									Well to Air Stripper to Clearwell
	Well 3 Pump								DWT	Elec.	75	550	300				
	Booster T-1	2005							V.T.	Elec.	15	800	46				From Clearwell to Forebay, VFD
	Booster T-2	2005							V.T.	Elec.	15	800	46				From Clearwell to Forebay
	Booster T-3	2005							V.T.	Elec.	15	800	46				From Clearwell to Forebay
	Booster T-4	2005							V.T.	Elec.	15	800	46				From Clearwell to Forebay
	Booster A	1956							V.T.	Elec.	100	1250	174				Boosters to System from forebay, VFD
	Booster B	1956							V.T.	Elec.	100	1250	175				Boosters to System from forebay
	Booster C	1956							V.T.	Elec.	50	750	175				Boosters to System from forebay, VFD
	Clearwell	2005												0.03	Buried	Concrete	
	Air Stripper	2005															
	Forebay	1956												1.50	Ground	Steel	
Liberty Utilities Connection - Studebaker Rd	Connection	2006		0													Emergency Connection with Liberty Utilities (Park Water Company)
Meyer	Booster A	1999	160						V.T.	Elec.	40	900	124				Boosters from reservoir to System
	Booster B	1999							V.T.	Elec.	40	900	124				Boosters from reservoir to System
	Reservoir	1964												0.75	Ground	Steel	Draw & Fill from System
Pioneer	Well 1	1949	114	295	03S11W07E01S	237	14	180									Well to GAC Filter to System
	Well 1 Pump								Subm	Elec.	60	600	290				
	Well 2	1949		0	03S11W07E02S	565	14	210									Well to GAC Filter to System
	Well 2 Pump								DWT	Elec.	60	600	325				
	GAC Contactors	2009															
	Well 3	1944	114	390	03S12W12A02S	252	14	191									Well to GAC Filter to System
	Well 3 Pump								Subm	Elec.	75	600	308				
	GAC Contactors	2009															
Studebacker	Well 2	1951	118	432	03S12W02R01S	391	12	200									Well to system
	Well 2 Pump								DWT	Elec.	40	400	270				
Suburban Water Company Connection	Connection	1980	96	0													Emergency conection with Suburban Water Company
Virginia																	No Facilities

Plant Facility Index

Region: II
District: Central
CSA: Central Basin West
System: 227 - Bell - Bell Gardens

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells: Well No.	Wells: Depth (ft)	Wells: Casing Diam (in)	Wells: Column Setting	Pumps: Pump Type	Pumps: Energy Type	Pumps: Size (HP)	Pumps: Design Flow (gpm)	Pumps: Design Head (ft)	Tanks: Volume (MG)	Tanks: Type	Tanks: Material	Remarks
Bissell	Well 2	1991	148	0	02S13W23J03S	1300	16	302									Well through Sand Separator & Mn Filters to Ground Storage
	Well 2 Pump								DWT	Elec.	200	1000	330				
	Well 3	2008	148	2,317	02S13W23R02S	1130	20	200									Well through Mn Filters to Ground Storage
	Well 3 Pump	2016							Subm	Elec.	200	2000	290				
	Booster A	2004							V.T.	Elec.	50	1135	130				Resv to System
	Booster B	2016							V.T.	Elec.	60	1200	131				Resv to System
	Booster C	2016							V.T.	Elec.	50	1000	133				Resv to System, VFD
	Forebay	1998												1.000	Ground	W. Steel	
	Forebay	2008												0.500	Forebay	W. Steel	
	Mn Filters	2008															ATEC Pressure Vessels
	Backwash Recovery Pump	2008							E.S.	Elec	5	100	50				From Backwash Tanks to Mn Filters
	Backwash Tank	2008												0.045	Backwash	W. Steel	
CB-3	MWD Connection	1956	114	2													To Main Zone
Chanslor																	No Facilities
City of Bell Gardens Connection		1995	128	0													Emergency connection with City of Bell Gardens
City of Huntington Park Connection		Prior	155	0													6" Emergency connection at Salt Lake & Gage
City of Maywood Connection		1942	140	0													Emergency connection with City of Maywood
Clara	Well 2	2004	117	1,499	02S12W28N05S	1580	18	161									Well to system
	Well 2 Pump								DWT	Elec.	125	1000	278				
Darwell																	No Facilities
Florence																	No Facilities
Gage	Well 1	1921	126	0	02S12W29A02S	530	12	210									Out of service
	Well 1 Pump								DWT	Elec.	100	1000	282				
	Well 2	1937		168	02S12W24A04S	595	14	210									Well thru GAC Filters to System
	Well 2 Pump								DWT	Elec.	75	1000	282				
	GAC Filters																
Hoffman																	No Facilities
Otis	Well 3	2005	143	167	02S13W24Q04S	1580	18										Well to system, VFD
	Well 3 Pump								DWT	Elec.	125	1000	320				
Priory	Well 2	1950	116	0	02S12W29M05S	650	16	280									Out of Service
	Well 2 Pump								DWT	Elec.	100	800	360				
Watson	Well 1	1945	123	416	02S12W30G03S	490	16	320									Pumps thru GAC Filters to Forebay
	Well 1 Pump								DWT	Elec.	100	950	324				
	Booster A	2016							V.T.	Elec.	30	600	150				Pumps from Resv to System

Plant Facility Index

Region: II
District: Central
CSA: Central Basin West
System: 227 - Bell - Bell Gardens

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
	Booster B	2016							V.T.	Elec.	30	600	150				Pumps from Resv to System, VFD
	Reservoir	1999												0.500	Ground	W. Steel	
	GAC Filters	2008															

Plant Facility Index

Region: II
District: Central
CSA: Central Basin West
System: 228 - Florence Graham

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
CB-5	MWD Connection	1956	122	1													To Main Zone
CB-6	MWD Connection	1959	164	14													To Main Zone
CB-12	MWD Connection	1959	164	0													To Main Zone
City of Huntington Park Connection		1991	154	0													Emergency connection with City of Huntington Park
Converse	Well 1	1930	165	580	02S13W21K04S	920	18	267									Thru GAC to reservoir.
	Well 1 Pump								Subm.	Elec.	50	450	350				
	Well 2	1950	165	916	02S13W21K07S	1564	12 & 14	302									To Reservoir
	Well 2 Pump								DWT	Elec.	75	550	305				
	Booster A								V.T.	Elec.	15	200	150				Boosts to System
	Booster B								V.T.	Elec.	25	400	150				Boosts to System
	Booster C								V.T.	Elec.	40	800	150				Boosts to System
	Booster D								V.T.	Elec.	60	1200	150				Boosts to System
	Forebay													0.50	Ground	Steel	Draw & Fill from System or from Wells
	GAC Filters	2004															
Goodyear	Well 4	1930	165	1,032	02S13W21E01S	700	16	320									Well through GAC and Perchlorate Traetment to System
	Well 4 Pump								DWT	Elec.	125	850	470				
	GAC Filters																
	Perchlorate Treatment																
Hampshire	Booster A	2016	165						H.S.C	Elec.	25	250	151				Boosts to System
	Booster B	2016							H.S.C	Elec.	40	500	154				Boosts to System
	Booster C	2016							H.S.C	Elec.	50	1000	152				Boosts to System
	Reservoir	1957												0.25	Ground	Concrete	Draw & Fill from System
Miramonte	Well 1	1936	140	281	02S13W28G02S	1585	16	255									Well pumps thru GAC to System.
	Well 1 Pump								DWT	Elec.	75	650	340				
	Well 2	1938		468	02S13W28G03S	1100	16	281									Well pumps thru GAC to System.
	Well 2 Pump								DWT	Elec.	100	800	380				
	Well 3	1942		871	02S13W28G01S	1096	16	280									Well pumps thru GAC to System.
	Well 3 Pump								DWT	Elec.	100	800	380				
	GAC Filters																
Nadeau	Well 3	1956	141	540	02S13W27E03S	700	16	240									To system through Filters
	Well 3 Pump								DWT	Elec.	75	500	333				
	GAC Filters	2010															

Plant Facility Index

Region: II
District: Central
CSA: Central Basin West
System: 229 - Hollydale

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
Century	Well 1	1957	84	4	03S12W07Q05S	750	10	158									Well thru PRV, Mn Filters,
	Well 1 Pump								Subm	Elec.	40	500	234				and As Filters to System
	Fe & Mn Filters	2001															
	As Filters	2001															
City of Downey Connection	Connection	1985	83	0													Emergency connection with City of Downey
City of Paramount Connection	Connection	1987	85	0													Emergency connection with City of Paramount
City of South Gate Connection	Connection	1999	89	0													Connection with City of South Gate
Coolidge	Booster A	1992	88						V.T.	Elec.	25	250	245				Reservoir to System
	Booster B	1992							V.T.	Elec.	50	550	245				Reservoir to System
	Booster C	1992							V.T.	Elec.	125	1300	245				Reservoir to System
	Booster D	1992							V.T.	Elec.	125	1300	245				Reservoir to System
	Reservoir	1992												0.75	Ground	W. Steel	Draw and fill from system
McKinley	Well 3	1943	88	706	03S12W17A02S	700	14	200									Well to sand trap to system with VFD
	Well 3 Pump								DWT	Elec.	100	820	335				
Rancho Los Amigos Connection	Connection	1943	85	0													Emergency connection with Rancho Los Amigos

Plant Facility Index

Region: II
District: Central
CSA: Central Basin West
System: 230 - Willowbrook

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
CB-51	MWD Connection		78	1													To Main Zone
Willowbrook	Well 1	1928	85	447	03S13W10L02S	321	14	200									Well to Storage
	Well 1 Pump								DWT	Elec.	75	1000	170				
	Well 3	1984	85	412	03S13W10L03S	352	16	230									Well to Storage
	Well 3 Pump								Subm	Elec.	75	1000	163				
	Booster A	1970							V.T.	Elec.	15	260	150				Resv to System
	Booster B	1970							V.T.	Elec.	75	1200	165				Resv to System, VFD
	Booster C	1970							V.T.	Elec.	40	600	150				Resv to System
	Booster D	1987							V.T.	Elec.	75	1400	150				Resv to System
	Reservoir 1	1970												0.40	Ground	W. Steel	Storage to system
	Reservoir 2	1970												0.40	Ground	W. Steel	Storage to system

Plant Facility Index

Region: II
District: Central
CSA: Culver City
System: 236 - Culver City

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
Baldwin Hills	Reservoir A	1951	245											1.00	Ground	W. Steel	Floats on Main Zone
	Reservoir B	1955												1.00	Ground	W. Steel	Floats on Main Zone
Bernardo	Booster A	2007	45						V.T.	Elec.	30	325	186				Pump from Main Zone to Ranch Rd Zone
	Booster B	1969							H.S.C	Prop.& Nat Gas	110	1500	200				VFD on Booster A
Charnock	Well 9	1957	98	0	02S15W11C09S	500	18	202									To storage then Forebay OFFLINE
	Well 10	1993		0	02S15W11C07S	450	16	200									To storage then Forebay OFFLINE
	Booster A	1951							H.S.C		100	1200					Thru Manganese filters to system OFFLINE
	Booster B	1951							H.S.C		100	1500					Thru Manganese filters to system OFFLINE
	Booster C	1952							H.S.C		75	750					Thru Manganese filters to system OFFLINE
	Booster D	1946							H.S.C		30	500					Thru Manganese filters to system OFFLINE
	Reservoir	1958												1.00	Ground	Concrete	Offline - From Storage to Forebay
	Forebay	Prior												0.10	Ground	Concrete	Offline -From Forebay to system
Lenawee	Booster A	2005	135						Subm	Elec.	7.5	50	390				Pumps from Main Zone to Perham Zone
	Booster B	2005							Subm	Elec.	7.5	50	390				
Perham	Booster A	1974	158						Subm	Elec.	20	150	350				To Perham Zone from Forebay
	Booster B	1982							Subm	Elec.	20	150	350				To Perham Zone from Forebay
	Booster C	1967							V.T.	Elec.	75	750					To Perham Zone from Forebay
	Booster D	1970							H.S.C	Prop.& Nat Gas	144	1500	304				To Perham Zone from Forebay
	Forebay	1958												0.20	Ground	W. Steel	Filled from Main System
PRV Station CC1 - Buckingham Parkway																	Buckingham Zone to Main Zone
PRV Station CC2 - Slauson & Bristol																	Buckingham Zone to Main Zone
PRV Station CC3 - Wrightcrest & Stoneview																	Perham Zone to Lenawee Zone
Ranch Road	Booster A	2009	90						E.S.		15	200	190				Pumps from Main Zone to Ranch Rd Zone
Sentney	Well 8	1939	87	0	02S15W05D08S	425	16	302									Standby To reservoir
	Well 8 Pump								V.T.	Elec.	50	700	185				
	Booster A	1997							V.T.	Elec.	60	800	220				From Forebay to System
	Booster B	1997							V.T.	Elec.	60	800	220				From Forebay to System
	Forebay	1997												0.50	Ground	W. Steel	Draw & Fill from System
	Pressure Filter	1997															Off line
WB-23	MWD Connection	1958	100	1,572								9000					To Main Zone
WB-24	MWD Connection	1958	28	1,961								9000					To Main Zone
WB-34	MWD Connection	1986	150	1,409								4500					To Buckingham Zone

Plant Facility Index

Region: II
District: Southwest
CSA: Southwest
System: 250 - Southwest

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
121st St																	No Facilities
129th St	Well 2	2002	50	60	03S14W14D02S	840	18	270									Pumps to Lawndale-Gardena Zone
	Well 2 Pump								DWT	Elec	150	1250	374				
157th St																	No Facilities
Athens	Booster A	1976	225						V.T.	Elec	20	500	140				Boosters to Normandie Zone
	Booster B	1976							V.T.	Elec	40	1000	140				Boosters to Normandie Zone
	Booster C	1976							V.T.	Elec	60	1300	140				Boosters to Normandie Zone
	Booster D	1976							V.T.	Elec	60	1300	140				Boosters to Normandie Zone
	Reservoir	1976												1.50	Ground	Steel	Filled by System
Ballona	Well 4	1999	120	26	03S14W13B03S	405	18	328									Well to Normandie Zone
	Well 4 Pump								DWT	Elec.	200	600	526				
	Well 5	2005		40	03S14W13B04S	430	18										Well to Normandie Zone
	Well 5 Pump								DWT	Elec.	150	800	517				
Belhaven	Well 3	1958	100	738	03S13W04N01S	831	16	290									Well to Lawndale-Gardena Zone
	Well 3 Pump								DWT	Elec.	200	950	547				
	Well 4	2005		1,592	03S13W04N04S	810	18										
	Well 4 Pump								DWT	Elec.	200	1200	425				
Budlong	Booster A	2009	165						V.T.	Elec	100	1800	161				Boosters to Normandie Zone
	Booster B	2009							V.T.	Elec	75	1450	161				Boosters to Normandie Zone
	Reservoir	2009	165											1.50	Ground	Steel	
	Reservoir	2009												1.50	Ground	Steel	
Cal Water Service Connection	Connection	1999	155	0													Emergency connection with Cal Water Service to Dominguez Zone
CB-4	MWD Connection		120	491													To Lawndale - Gardena Zone
CB-55	MWD Connection	1999	85	1,536													To Dominguez Zone
Cerise																	No Facilities
Chadron	Booster A	1964	51						H.S.C	Elec	100	1600	187				Boosts to Lawndale - Gardena Zone
	Booster B	1964							H.S.C	Elec	100	1600	187				Boosts to Lawndale - Gardena Zone
	Booster C	1981							V.T.	Elec	60	1200	150				Boosts to Lawndale - Gardena Zone
	Reservoir	1964												1.500	Ground	Steel	Draw and fill from system
Chicago																	No Facilities
Hawthorne Intercon - 118th & Prairie	Connection		68	0													Emergency connection with City of Hawthorne
Hawthorne Intercon - El Segundo & Inglewood	Connection		109	0													Emergency connection with City of Hawthorne
Inglewood Intercon - 95th & Redfern	Connection		97	0													Emergency connection with City of Inglewood
Inglewood Intercon - 104th & Yukon	Connection		95	0													Emergency connection with City of Inglewood
Inglewood Intercon - 111th & Crenshaw	Connection		88	0													Emergency connection with City of Inglewood
City of Inglewood Connection - Century & La Cienega				0													Emergency connection with City of Inglewood

Plant Facility Index

Region: II
District: Southwest
CSA: Southwest
System: 250 - Southwest

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
Inglewood Intercon - Prairie & Century	Connection		90	0													Emergency connection with City of Inglewood
Inglewood Intercon - Yukon & Century	Connection		113	0													Emergency connection with City of Inglewood
Compton																	No Facilities
Compton-Doty	Well 1	1947	50	5	03S14W22L01S	502	16	195									Well to Lawndale - Gardena Zone
	Well 1 Pump								Subm.	Elec.	75	600	360				
Dalton	Well 1	1948	48	985	03S14W25P04S	700	16	240									Well to Lawndale - Gardena Zone
	Well 1 Pump								DWT	Elec	100	800	360				
	Well 2	2014															Under Construction
Doty	Well 1	1997	53	83	03S14W15P01S	470	16	140									Well thru Mn Filter to Lawndale - Gardena Zone
	Well 1 Pump								Subm.	Elec.	100	700	360				
	Well 2	1998		410	03S14W15P02S	470	18	151									Well thru Mn Filter to Lawndale - Gardena Zone
	Well 2 Pump								DWT	Elec.	150	1000	404				
	Backwash Recovery Pump	2007							V.T.	Elec	7.5	100	200				From Backwash Tank to Mn filters
	Mn Filters	2007															
	Backwash Tank A	2007												0.040	Backwash	Steel	
	Backwash Tank B	2007												0.040	Backwash	Steel	
Gardena Heights	Booster A	1965	115						H.S.C	Elec	60	1000					Boosts to Lawndale - Gardena Zone
	Booster B								H.S.C	Elec	125	2500	180				Boosts to Lawndale - Gardena Zone
	Reservoir	1965												1.500	Ground	Steel	Draw and Fill From System
Goldmedal	Well 1	1997	52	449	03S14W15B03S	700	18	226									Pumps thru Mn filters to reservoir
	Well 1 Pump								DWT	Elec	100	1000	240				
	Booster A								V.T.	Elec	40	800	150				Boosts to Lawndale - Gardena Zone
	Booster B								V.T.	Elec	60	1360	150				Boosts to Lawndale - Gardena Zone
	Booster C								V.T.	Elec	100	1500	180				Boosts to Lawndale - Gardena Zone
	Backwash Recovery Pump	2008							E.S	Elec		100	50				From Backwash Tank to Mn filters
	Reservoir	1961												1.500	Ground	Steel	Fills from well & filter or system
	Backwash Tank	2008												0.040	Backwash	Steel	
Kornblum																	No Facilities
Liberty Utilities Connection - Central	Emergency Interconnect	2010	96	0													Emergency Interconnect withLiberty Utilities (Park Water Company)
Liberty Utilities Connection - Stanford	Emergency Interconnect	1998	103	0													Emergency Interconnect withLiberty Utilities (Park Water Company)
Manhattan	PRV SW20		55														WB-25 to Lawndale-Gardena Zone
	PRV SW21																WB-25 to Normandie Zone

Plant Facility Index

Region: II
District: Southwest
CSA: Southwest
System: 250 - Southwest

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
	PRV SW22																Normandie Zone to Lawndale Gardena Zone
Ocean Gate																	No Facilities
PRV Station SW1 - Bitterlake & Nauset																	Dominguez Zone to Lawndale-Gardena Zone
PRV Station SW2 - Bitterlake & Sudbury																	Dominguez Zone to Lawndale-Gardena Zone
PRV Station SW3 - Victoria & Rainsbury																	Dominguez Zone to Lawndale-Gardena Zone
PRV Station SW4 - 108th & Wilkie																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW5 - 109th & Wilkie																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW6 - Culivan & Wilkie																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW7 - Van Wick E of Wilkie																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW8 - 111th & Spinning																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW9 - Imperial & Spinning																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW10 - Imperial & Van Ness																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW11 - 115th & Wilton																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW12 - 116th & Wilton																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW13 - 119th & Wilton																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW14 - 120th & Wilton																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW15 - El Segundo & Halldale																	Normandie Zone to Lawndale-Gardena Zone
PRV Station SW16 - 135th & Broadway																	Belhaven Zone to Lawndale-Gardena Zone
PRV Station SW17 - 137th & Avalon Alley																	Belhaven Zone to Lawndale-Gardena Zone
PRV Station SW18 - 120th & Budlong																	Normandie Zone to Belhaven Zone
PRV Station SW19 - Budlong S/ 120th																	Belhaven Zone to Lawndale-Gardena Zone
Southern	Well 5	1998	84	632	03S14W13J09S	730	18	400									Well to Mn Filters then to Lawndale - Gardena Zone
	Well 5 Pump								DWT	Elec	150	900	460				
	Well 6	2001		14	03S14W13J15S	590	18	305									Well to Lawndale - Gardena Zone
	Well 6 Pump								DWT	Elec	150	1065	461				
	Backwash Recovery Pump	2004							V.T.	Elec		100	165				From Backwash Tank to Mn filters
	Filters	2004															Well 5 treatment
	Backwash Tank	2004												0.040	Backwash	Steel	

Plant Facility Index

Region: II
District: Southwest
CSA: Southwest
System: 250 - Southwest

Plant	Major Facility	Year Built	Base Elev.	2016 Prod (AF)	Wells				Pumps					Tanks			Remarks
					Well No.	Depth (ft)	Casing Diam (in)	Column Setting	Pump Type	Energy Type	Size (HP)	Design Flow (gpm)	Design Head (ft)	Volume (MG)	Type	Material	
Truro																	No Facilities
Wadsworth	Booster A	2010	103						V.T.	Elec	60	1200	140				All Boosters to Lawndale - Gardena Zone
	Booster B	2010							V.T.	Elec	50	1200	140				
	Booster C	2010							V.T.	Elec	30	400	141				
	Reservoir	1957												0.450	Ground	Steel	Out of Service
	Reservoir	1977												1.000	Ground	Steel	Filled from System
WB-1	MWD Connection	2010	45	1,932													To Lawndale - Gardena Zone
WB-2A	MWD Connection		45	5,894													To Lawndale - Gardena Zone
WB-11	MWD Connection		30	0													To Lawndale - Gardena Zone
WB-12	MWD Connection		36	431													To Lawndale - Gardena Zone
WB-13	MWD Connection		45	0													To Lawndale - Gardena Zone
WB-15	MWD Connection		140	2,224													To Normandie Zone
WB-25	MWD Connection			5,696													To Manhattan Plant
WB-30	MWD Connection		96	1,639													To Lawndale - Gardena Zone
WB-31	MWD Connection		120	432													To Normandie Zone
WB-33	MWD Connection		33	1,176													To Lawndale - Gardena Zone
Yukon	Well 4	2000	74	3	03S14W03L02S	600	18	418									Out of Service
	Well 4 Pump								DWT	Elec	125	800	370				
	Well 5	2001		3	03S14W03K04S	600	18	300									Out of Service
	Well 5 Pump								DWT	Elec	125	800	335				
	Booster A	1987							V.T.	Elec	40	600	175				Boosts to Lawndale - Gardena Zone
	Booster B	1987							V.T.	Elec	50	760	175				Boosts to Lawndale - Gardena Zone
	Booster C	1987							V.T.	Elec	60	950	210				Boosts to Lawndale - Gardena Zone
	Booster D	1987							V.T.	Elec	75	1150	208				Boosts to Lawndale - Gardena Zone
	GAC Contactors	2001															2 contactors. Not in Use.
	Reservoir	1987												1.000	Ground	Concrete	Filled by wells #4 and #5 or system

GOLDEN STATE WATER COMPANY
SCHEDULE D-1
SOURCE OF SUPPLY PURCHASED WATER
2016

DISTRICT	Purchased from	Quantity in CCF
Metropolitan	City of Cerritos	15,159
	Central Basin MWD	1,358,103
	Central Basin MWD - Recycled	163,026
	West Basin MWD	10,613,407
	West Basin MWD - Recycled	170,761
	City of South Gate	195
	City of Paramount	-
	City of Lakewood	-
	Suburban Water Services	-
		12,320,651

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 Inches (state which)

Line No.	Description	0 to 5	6 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	Total								

A. Length of Ditches, Flumes and Lined Conduits in Miles for Various Capacities (Continued)
Capacities in Cubic Feet Per Second or Miner's Inches (state which)

Line No.	Description	101 to 200	201 to 300	301 to 400	401 to 500	501 to 750	751 to 1000	Over 1000	Total All Lengths
6	Ditch								
7	Flume								
8	Lines conduit								
9									
10	Total								

B. Footages of Pipe by Inside Diameters in Inches - Not Including Service Piping

Line No.	Description	1	2	3	4	5	6	8	10
11	Cast Iron	-	2,399	3,058	469,175	-	593,781	363,665	54,373
12	Cement Lined Steel	-	-	-	-	-	-	624	-
13	Concrete	-	-	-	-	-	-	-	-
14	Copper	-	-	-	-	-	-	-	-
15	Steel	720	7,495	489	15,686	-	24,153	24,267	282
16	Asbestos Cement	-	1,041	-	161,143	-	543,749	533,897	122,221
17	Ductile Iron	-	379	15	17,319	-	49,987	737,142	19,825
18	HDPE	-	12	-	430	-	238	119	24
19	PVC	110	212	-	16,044	-	33,236	150,830	12,910
20									
21									
22	Total	830	11,538	3,562	679,797	-	1,245,144	1,810,544	209,635

B. Footages of Pipe by Inside Diameters in Inches - Not Including Service Piping (Continued)

Line No.	Description	12	14	16	18	20	24	Other Sizes 22/30	Other Sizes	Total All Sizes
23	Cast Iron	97,141	19,745	7,975	-	-	-	-		1,611,312
24	Cement Lined Steel	2,145	-	1,626	-	-	-	-		4,395
25	Concrete	-	-	-	-	-	-	-		-
26	Copper	-	-	-	-	-	-	-		-
27	Steel	22,239	13,659	35,712	1,461	-	-	-		146,163
28	Asbestos Cement	241,123	9,493	8,174	-	-	-	-		1,620,841
29	Ductile Iron	351,200	970	26,976	2,018	338	-	-		1,206,169
30	HDPE	2,421	-	-	-	-	-	-		3,244
31	PVC	56,712	1,265	1,740	-	-	-	-		273,059
32										-
33										-
34	Total	772,981	45,132	82,203	3,479	338	-	-		4,865,183

SCHEDULE D-4
Number of Active Service Connections

Classification	Metered - Dec 31		Flat Rate - Dec 31	
	Prior Year	Current Year	Prior Year	Current Year
Residential	73,638	73,853	-	-
Commercial (including domestic)	25,397	25,470	-	-
Industrial	241	239	-	-
Public authorities	655	638	-	-
Irrigation	483	497	-	-
Other	1	1	-	-
Contract	53	52	-	-
Subtotal	**100,468**	**100,750**	-	-
Private fire connections	-	-	2,021	2,045
Public fire hydrants	-		-	
Total *	**100,468**	**100,750**	**2,021**	**2,045**

* Data run as of 1/5/2016 and 1/4/2017, respectively.

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

Size	Meters	Services
5/8 x 3/4 - in	83,976	
3/4 - in	1,123	62,757
1 - in	11,729	29,396
1 1/2 - in	2,950	984
2 - in	3,890	6,537
3 - in	400	341
4 - in	132	889
6 - in	53	694
8 - in	21	679
Other	5	518
Total *	104,279	102,795

* Data run as of 1/4/2017

SCHEDULE D-6
Meter Testing Data

A. Number of Meters Tested During Year as Prescribed in Section VI of General Order No. 103:	
1. New, after being received	5
2. Used, before repair	102
3. Used, after repair	5
4. Found fast, requiring billing adjustment	-
B. Number of Meters in Service Since Last Test	
1. Ten years or less	79,596
2. More than 10, but less than 15 years	14,129
3. More than 15 years	10,554

SCHEDULE D-7

Water delivered to Metered Customers by Months and Years in _____CCF_____ (Unit Chosen)[1]

Classification of Service	January	February	March	April	May	June	July	Subtotal
Residential and Commercial	1,610,266	1,415,571	1,437,053	1,651,891	1,566,711	1,632,290	1,848,214	11,161,996
Industrial	24,134	29,739	27,944	33,485	29,440	27,876	36,006	208,624
Public authorities	54,250	44,695	51,505	54,710	75,265	89,384	110,147	479,956
Irrigation	13,516	11,794	14,787	17,179	19,923	23,476	29,502	130,177
Other	1,179	570	864	(681)	50	773	(518)	2,237
Contract	15,685	14,958	17,660	23,986	28,651	30,854	45,209	177,003
Total	**1,719,030**	**1,517,327**	**1,549,813**	**1,780,570**	**1,720,040**	**1,804,653**	**2,068,560**	**12,159,993**

Classification of Service	August	September	October	November	December	Subtotal	Total Current Year	Total Prior Year
Residential and Commercial	1,668,959	1,834,164	1,761,453	1,551,195	1,553,875	8,369,646	19,531,642	19,843,890
Industrial	29,724	32,017	31,973	34,846	26,772	155,332	363,956	352,317
Public authorities	104,697	122,347	114,287	81,057	62,061	484,449	964,405	935,237
Irrigation	27,932	31,094	27,865	23,574	17,794	128,259	258,436	249,252
Other	91	113	174	217	1,852	2,447	4,684	(74)
Contract	39,069	51,682	41,754	25,233	17,833	175,571	352,574	334,680
Total	**1,870,472**	**2,071,417**	**1,977,506**	**1,716,122**	**1,680,187**	**9,315,704**	**21,475,697**	**21,715,302**

[1] Quantity units to be in hundreds of cubic feet, thousands of gallons, acre-feet, or miner's inch-days.

Total acres irrigated_____

Total population served_____429,406 *

* Assumes 4.1773 per household.

End of Year Balances in Selected Accounts

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

131	Materials and Supplies on hand	$	1,299,559
100.3	Construction Work in Progress	$	30,018,406
241	Advances for Construction	$	7,465,459
265	Contributions in Aid of Construction	$	43,640,529

DECLARATION

(PLEASE VERIFY THAT ALL SCHEDULES ARE ACCURATE AND COMPLETE BEFORE SIGNING)

I, the undersigned Gladys Farrow
Name of District Manager or Equivalent (Please Print)

of Metropolitan District
Name of District

of Golden State Water Company
Name of Utility

at 1600 W. Redondo Beach Blvd, Ste. 101, Gardena, CA 90247
Address of District Office

under penalty of perjury do declare that this report has been prepared by me, or under my direction, from the books, papers and records of the respondent; that I have carefully examined the same, and declare the same to be a complete and correct statement of the business and affairs of the above-named respondent and the operations of its property for the period of January 1, 2016, through December 31, 2016.

Vice President - Finance, Treasurer and Assistant Secretary
Title (Please Print)

Signature

909 394-3600
Telephone Number

April 28, 2017
Date

INDEX