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2016  
ANNUAL REPORT  
OF  
DISTRICT WATER SYSTEM OPERATIONS  
OF

\_\_\_\_\_  
CALIFORNIA-AMERICAN WATER COMPANY  
(NAME OF CORPORATION)

Name of District: SAN DIEGO Location: IMPERIAL BEACH SAN DIEGO  
(TOWN OR CITY) (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

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**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)
<b>I. INTANGIBLE PLANT</b>							
2	301	Organization	1,608				1,608
3	302	Franchises and consents (Schedule A-1b)	-				-
4	303	Other intangible plant	-				-
5		Total intangible plant	1,608	-	-	-	1,608
6			-				-
<b>II. LANDED CAPITAL</b>							
8	306	Land and land rights	46,503				46,503
9			-				-
<b>III. SOURCE OF SUPPLY PLANT</b>							
11	311	Structures and improvements	-				-
12	312	Collecting and impounding reservoirs	-				-
13	313	Lake, river and other intakes	-				-
14	314	Springs and tunnels	-				-
15	315	Wells	-				-
16	316	Supply mains	-				-
17	317	Other source of supply plant	-				-
18		Total source of supply plant	-	-	-	-	-
19			-				-
<b>IV. PUMPING PLANT</b>							
21	321	Structures and improvements	-				-
22	322	Boiler plant equipment	-				-
23	323	Other power production equipment	-				-
24	324	Pumping equipment	139,088				139,088
25	325	Other pumping plant	-				-
26		Total pumping plant	139,088	-	-	-	139,088
27			-				-
<b>V. WATER TREATMENT PLANT</b>							
29	331	Structures and improvements	-				-
30	332	Water treatment equipment	17,369				17,369
31		Total water treatment plant	17,369	-	-	-	17,369

**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 Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
<b>VI. TRANSMISSION AND DIST. PLANT</b>							
1	341	Structures and improvements	-				-
2	342	Reservoirs and tanks	1,164,647				1,164,647
3	343	Transmission and distribution mains	19,353,574	1,534,466	(38,944)		20,849,097
4	344	Fire mains	-				-
5	345	Services	9,062,892	630,813	(30,786)		9,662,920
6	346	Meters	3,033,029	396,018	(75,143)		3,353,904
7	347	Meter installations	196				196
8	348	Hydrants	1,382,464	95,533	(32,713)		1,445,284
9	349	Other transmission and distribution plant	6,532				6,532
10		Total transmission and distribution plant	34,003,335	2,656,830	(177,585)	-	36,482,580
<b>VII. GENERAL PLANT</b>							
1	371	Structures and improvements	1,002,597	94,242			1,096,840
2	372	Office furniture and equipment	235,439	37,589	(4,549)		268,480
3	373	Transportation equipment	131,149				131,149
4	374	Stores equipment	-				-
5	375	Laboratory equipment	-				-
6	376	Communication equipment	119,964				119,964
7	377	Power operated equipment	208,048				208,048
8	378	Tools, shop and garage equipment	336,448	11,497			347,946
9	379	Other general plant	95,330	81,933			177,263
10		Total general plant	2,128,976	225,262	(4,549)	-	2,349,689
<b>VIII. UNDISTRIBUTED ITEMS</b>							
26	390	Other tangible property	-			-	-
27	391	Utility plant purchased	-				-
28	392	Utility plant sold	-				-
29		Total undistributed items	-	-	-	-	-
30		Total utility plant in service	36,336,879	2,882,091	(182,134)	-	39,036,836

**SCHEDULE A-1d  
DISTRICT RATE BASE AND WORKING CASH**

Line No.	Acct.	Title of Account (a)	Balance 12/31/2016 (c)	Balance 1/1/2016 (d)
		<b>RATE BASE</b>		
1		Utility Plant		
2		Plant in Service	39,036,836	36,336,879
3		Construction Work in Progress	1,021,122	907,889
4		General Office Prorate	-	-
5		<b>Total Gross Plant (=Line 2 + Line 3 + Line 4)</b>	40,057,959	37,244,768
6		Less Accumulated Depreciation		
7		Plant in Service	13,196,278	12,705,514
8		General Office Prorate	-	-
9		<b>Total Accumulated Depreciation (=Line 7 + Line 8)</b>	13,196,278	12,705,514
10		Less Other Reserves		
11		Deferred Income Taxes	1,472,280	965,935
12		Deferred Investment Tax Credit	47,615	56,392
13		Other Reserves	4,725	6,121
14		<b>Total Other Reserves (=Line 11 + Line 12 + Line 13)</b>	1,524,621	1,028,448
15		Less Adjustments		
16		Contributions in Aid of Construction	3,532,678	2,844,701
17		Advances for Construction	227,334	91,245
18		Other		
19		<b>Total Adjustments (=Line 16 + Line 17 + Line 18)</b>	3,760,013	2,935,946
20		<b>Add Materials and Supplies</b>	115,715	117,739
21		<b>Add Working Cash (=Line 34)</b>	4,821,729	4,087,903
22		<b>TOTAL DISTRICT RATE BASE</b>		
23		<b>(=Line 5 - Line 9 - Line 14 - Line 19 + Line 20 + Line 21)</b>	26,514,491	24,780,502

<b>Working Cash</b>				
24		<b>Determination of Operational Cash Requirement</b>		
25		Operating Expenses, Excluding Taxes, Depreciation & Uncollectible	23,287,113	19,753,929
26		Purchased Power & Commodity for Resale*	-	-
27		Meter Revenues: Bimonthly Billing	25,444,377	23,470,102
28		Other Revenues: Flat Rate Monthly Billing	196,565	197,683
29		Total Revenues (=Line 27 + Line 28)	25,640,942	23,667,785
30		Ratio - Flat Rate to Total Revenues (=Line 28 / Line 29)	0.77%	0.84%
31		5/24 x Line 25 x (100% - Line 30)	4,814,290	4,081,028
32		1/24 x Line 25 x Line 30	7,438	6,875
33		1/12 x Line 26	-	-
34		<b>Operational Cash Requirement (=Line 31 + Line 32 - Line 33)</b>	4,821,729	4,087,903
		* Electric power, gas or other fuel purchased for pumping and/or purchased commodity for resale billed after receipt (metered).		

**SCHEDULE A-3**

**Depreciation and Amortization Reserves**

		Account 250	Account 251	Account 252	Account 253
		Utility	Limited-Term	Utility Plant	Other
Line	Item	Plant	Investments	Acquisition	Property
No.	(a)	(b)	(c)	(d)	(e)
1	Balance in reserves at beginning of year	12,705,514	-	-	-
2	Add: Credits to reserves during year				
3	(a) Charged to Account 503, 504, 505	780,404			
4	(b) Charged to Account 265	96,713			
5	(c) Charged to Clearing Accounts				
6	(d) Salvage recovered	(6,852)			
7	(e) All other credits <sup>1/</sup>				
8	Total credits	870,265	-	-	-
9	Deduct: Debits to reserves during year				
10	(a) Book cost of property retired	182,134			
11	(b) Cost of removal	197,367			
12	(c) All other debits <sup>1/</sup>				
13	Total debits	379,501	-	-	-
14	Balance in reserve at end of year	13,196,278	-	-	-
15	State method of determining depreciation charges.				
16	NARUC rate depreciation method - straight line				
17					
18	Report the depreciation claimed in your Federal Income Tax Return for the year - \$		See form 7004 with consolidated report		
19	<sup>1/</sup> Indicate the nature of these items and show the accounts affected by the contra entries.				
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)
<b>I. SOURCE OF SUPPLY PLANT</b>							
1	311	Structures and improvements	-				-
2	312	Collecting and impounding reservoirs	-				-
3	313	Lake, river and other intakes	-				-
4	314	Springs and tunnels	-				-
5	315	Wells	-				-
6	316	Supply mains	2				2
7	317	Other source of supply plant	-				-
8		Total source of supply plant	2	-	-	-	2
<b>II. PUMPING PLANT</b>							
9	321	Structures and improvements	77				77
10	322	Boiler plant equipment	-				-
11	323	Other power production equipment	-				-
12	324	Pumping equipment	117,365	8,400			125,765
13	325	Other pumping plant	-				-
14		Total pumping plant	117,442	8,400	-	-	125,842
<b>III. WATER TREATMENT PLANT</b>							
15	331	Structures and improvements	-				-
16	332	Water treatment equipment	17,400				17,400
17		Total water treatment plant	17,400	-	-	-	17,400
<b>IV. TRANSMISSION AND DISTRIBUTION PLANT</b>							
18	341	Structures and improvements	(4,967)				(4,967)
19	342	Reservoirs and tanks	684,979	28,256			713,235
20	343	Transmission and distribution mains	6,368,178	337,075	(38,943)	(54,832)	6,611,478
21	344	Fire mains	-				-
22	345	Services	3,214,650	228,927	(30,786)	(29,362)	3,383,429
23	346	Meters	1,021,182	149,791	(75,143)	(70,240)	1,025,590
24	347	Meter installations	(5,996)	(3)			(5,999)
25	348	Hydrants	792,260	28,043	(32,713)	(26,251)	761,339
26	349	Other transmission and distribution plant	6,533	-			6,533
27		Total trans. and distribution plant	12,076,819	772,089	(177,585)	(180,685)	12,490,638
<b>V. GENERAL PLANT</b>							
28	371	Structures and improvements	(26,431)	44,779			18,348
29	372	Office furniture and equipment	25,260	22,748	(4,549)		43,459
30	373	Transportation equipment	66,559	657			67,216
31	374	Stores equipment	-				-
32	375	Laboratory equipment	-				-
33	376	Communication equipment	(17,084)	8,049			(9,035)
34	377	Power operated equipment	186,488	1,340			187,828
35	378	Tools, shop and garage equipment	205,541	9,084			214,625
36	379	Other general plant	55,925	9,973		(23,536)	42,362
37	390	Other tangible property	(2,408)				(2,408)
38	391	Water plant purchased	-				-
39		Total general plant	493,851	96,630	(4,549)	(23,536)	562,396
40		TOTAL	12,705,514	877,119	(182,134)	(204,221)	13,196,278

## 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		<b>I. WATER SERVICE REVENUES</b>			
2	601	Metered sales to general customers			
3		601.1 Commercial sales	21,903,444	19,688,507	2,214,937
4		601.2 Industrial sales	-	-	-
5		601.3 Sales to public authorities	3,648,607	2,941,138	707,469
6		Sub-total	25,552,051	22,629,645	2,922,406
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	-	-	-
14		603.2 Unmetered sales	-	-	-
15		Sub-total	-	-	-
16	604	Private fire protection service	90,683	200,795	(110,112)
17	605	Public fire protection service	-	-	-
18	606	Sales to other water utilities for resale	-	-	-
19	607	Sales to governmental agencies by contracts	-	-	-
20	608	Interdepartmental sales	-	-	-
21	609	Other sales or service	195,205	135,505	59,700
22		Sub-total	285,888	336,299	(50,411)
23		Total water service revenues	25,837,939	22,965,944	2,871,995
24		<b>II. OTHER WATER REVENUES</b>			
25	611	Miscellaneous service revenues	259,938	148,230	111,708
26	612	Rent from water property	19,454	19,044	410
27	613	Interdepartmental rents	-	-	-
28	614	Other water revenues	1,965,017	1,043,380	921,637
29		Total other water revenues	2,244,409	1,210,654	1,033,755
30	501	Total operating revenues	28,082,348	24,176,598	3,905,749



**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			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
		<b>I. SOURCE OF SUPPLY EXPENSE</b>						
		<b>Operation</b>						
1	701	Operation supervision and engineering	A	B		-	-	-
2	701	Operation supervision, labor and expenses			C	-	-	-
3	702	Operation labor and expenses	A	B		12,442	13,395	(953)
4	703	Miscellaneous expenses	A			63	39,537	(39,474)
5	704	Purchased water	A	B	C	17,070,606	13,686,229	3,384,376
		<b>Maintenance</b>						
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		-	-	-
9	708	Maintenance of collect and impound reservoirs	A			-	-	-
10	708	Maintenance of source of supply facilities		B		-	-	-
11	709	Maintenance of lake, river and other intakes	A			-	-	-
12	710	Maintenance of springs and tunnels	A			-	-	-
13	711	Maintenance of wells	A			-	-	-
14	712	Maintenance of supply mains	A			-	-	-
15	713	Maintenance of other source of supply plant	A	B		2,691	2,359	332
16		<b>Total source of supply expense</b>				17,085,802	13,741,521	3,344,281
		<b>II. PUMPING EXPENSES</b>						
		<b>Operation</b>						
17	721	Operation supervision and engineering	A	B		-	-	-
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	<b>Pumping labor and expenses</b>	A	B		-	110	(110)
22	725	Miscellaneous expenses	A			-	-	-
23	726	Fuel or power purchased for pumping	A	B	C	-	-	-
		<b>Maintenance</b>						
24	729	Maintenance supervision and engineering	A	B		7,747	4,554	3,193
25	729	Maintenance of structures and equipment			C	-	-	-
26	730	Maintenance of structures and improvements	A	B		111	-	111
27	731	Maintenance of power production equipment	A	B		5,562	555	5,007
28	732	Maintenance of pumping equipment	A	B		-	-	-
29	733	Maintenance of other pumping plant	A	B		-	-	-
30		<b>Total pumping expenses</b>				13,420	5,219	8,202

**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			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
		<b>III. WATER TREATMENT EXPENSES</b>						
		<b>Operation</b>						
31	741	Operation supervision and engineering	A	B	-	-	-	
32	741	Operation supervision, labor and expenses			C	-	-	
33	742	Operation labor and expenses	A			33,352	42,779	
34	743	Miscellaneous expenses	A	B		33,684	30,491	
35	744	Chemicals and filtering materials	A	B		-	-	
		<b>Maintenance</b>						
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		-	-	
39	748	Maintenance of water treatment equipment	A	B		-	36	
40		<b>Total water treatment expenses</b>				67,036	73,307	
		<b>IV. TRANS. AND DIST. EXPENSES</b>						
		<b>Operation</b>						
41	751	Operation supervision and engineering	A	B		70,175	68,442	
42	751	Operation supervision, labor and expenses			C	-	-	
43	752	Storage facilities expenses	A			1,839	1,771	
44	752	Operation labor and expenses		B		-	-	
45	753	Transmission and distribution lines expenses	A			1,280	2,878	
46	754	Meter expenses	A			47,846	46,220	
47	755	Customer installations expenses	A			71,543	62,152	
48	756	Miscellaneous expenses	A			98,799	84,492	
		<b>Maintenance</b>						
49	758	Maintenance supervision and engineering	A	B		-	-	
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		366	77	
53	761	Maintenance of trans. and distribution mains	A			35,188	36,622	
54	761	Maintenance of mains		B		-	-	
55	762	Maintenance of fire mains	A			-	579	
56	763	Maintenance of services	A			34,175	44,522	
57	763	Maintenance of other trans. and distribution plant		B		-	-	
58	764	Maintenance of meters	A			6,689	15,101	
59	765	Maintenance of hydrants	A			20,537	24,396	
60	766	Maintenance of miscellaneous plant	A			76,472	39,556	
61		<b>Total transmission and distribution expenses</b>				464,908	426,811	

**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			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
<b>V. CUSTOMER ACCOUNT EXPENSES</b>								
<b>Operation</b>								
62	771	Supervision	A	B		-	-	-
63	771	Superv., meter read., other customer acct expenses			C	-	-	-
64	772	Meter reading expenses	A	B		157,264	151,986	5,278
65	773	Customer records and collection expenses	A			76,827	87,068	(10,241)
66	773	Customer records and accounts expenses		B		-	-	-
67	774	Miscellaneous customer accounts expenses	A			1,536	1,336	201
68	775	Uncollectible accounts	A	B	C	-	26,410	(26,410)
69		<b>Total customer account expenses</b>				235,627	266,799	(31,172)
<b>VI. SALES EXPENSES</b>								
<b>Operation</b>								
70	781	Supervision	A	B		-	-	-
71	781	Sales expenses			C	-	-	-
72	782	Demonstrating and selling expenses	A			-	-	-
73	783	Advertising expenses	A			-	-	-
74	784	Miscellaneous sales expenses	A			-	-	-
75	785	Merchandising, jobbing and contract work	A			-	-	-
76		<b>Total sales expenses</b>				-	-	-
<b>VII. ADMINISTRATIVE AND GENERAL EXPENSES</b>								
<b>Operation</b>								
77	791	Administrative and general salaries	A	B	C	576,949	572,971	3,978
78	792	Office supplies and other expenses	A	B	C	17,464	19,227	(1,764)
79	793	Property insurance	A			-	-	-
80	793	Property insurance, injuries and damages		B	C	-	-	-
81	794	Injuries and damages	A			22,908	19,357	3,551
82	795	Employees' pensions and benefits	A	B	C	358,025	348,838	9,187
83	796	Franchise requirements	A	B	C	-	-	-
84	797	Regulatory commission expenses	A	B	C	-	-	-
85	798	Outside services employed	A			12,924	2,526	10,398
86	798	Miscellaneous other general expenses		B		-	-	-
87	798	Miscellaneous other general operation expenses			C	-	-	-
88	799	Miscellaneous general expenses	A			471,393	359,534	111,858
<b>Maintenance</b>								
89	805	Maintenance of general plant	A	B	C	3,472	13,521	(10,049)
90		<b>Total administrative and general expenses</b>				1,463,134	1,335,975	127,160
<b>VIII. MISCELLANEOUS</b>								
91	811	Rents	A	B	C	196,137	203,880	(7,743)
92	812	Administrative expenses transferred - Credit <sup>1</sup>	A	B	C	3,547,760	3,438,895	108,865
93	813	Duplicate charges - Credit CA_AM - Allocated Return on Rate Base <sup>1</sup>	A	B	C	333,664	343,885	(10,222)
94		<b>Total miscellaneous</b>				4,077,560	3,986,661	90,900
95		<b>Total operating expenses</b>				23,407,488	19,836,291	3,571,197

<sup>1</sup> Amounts reflect allocated general office expenses consistent with methodology employed in the authorized GRC revenue requirement

**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 521) (d)	Other (Accounts) (e)	Capitalized (f)
1	Taxes on real and personal property	141,256	141,242		14	
2	State corporation franchise tax	-	-			
3	State unemployment insurance tax	11,211	6,858			4,353
4	Other state and local taxes	36,744	522		36,222	
5	Federal unemployment insurance tax	1,316	974			342
6	Federal insurance contributions act	189,675	136,234			53,441
7	Other federal taxes-Deferred and ITC	2,376,197	2,376,197			
8	Federal income tax	(254,825)	(254,825)		-	
9	State income tax	(242,349)	(242,349)		-	
10	State income tax deferred	833,607	833,607			
	Total	3,092,831	2,998,459	-	36,236	58,136

**SCHEDULE D-1  
Sources of Supply and Water Developed**

STREAMS				FLOW IN .....(unit) <sup>2</sup>				Annual Quantities Diverted .....(Unit) <sup>2</sup>	Remarks
Line No.	Diverted Into <sup>1</sup>	From Stream or Creek (Name)	Location of Diversion Point	Priority Right		Diversions			
				Claim	Capacity	Max.	Min.		
1	NA								
2									
3									
4									
5									

  

WELLS							Annual Quantities Pumped .....(Unit) <sup>2</sup>	Remarks
Line No.	At Plant (Name or Number)	Location	Number	Dimensions	<sup>3</sup> Depth in Water	Pumping Capacity .....(Unit) <sup>2</sup>		
6	NA							
7								
8								
9								
10								

  

TUNNELS AND SPRINGS				FLOW IN .....(Unit) <sup>2</sup>		Annual Quantities Used .....(Unit) <sup>2</sup>	Remarks
Line No.	Designation	Location	Number	Maximum	Minimum		
11	NA						
12							
13							
14							
15							

  

Purchased Water for Resale							
16	Purchased from	See Addendum to Schedule D-1					
17	Annual quantities purchased	3,253,866			(Unit chosen) <sup>2</sup>	1,000 Gallons	
18							
19							

<sup>1</sup> State ditch, pipe line, reservoir, etc., with name, if any.  
<sup>2</sup> 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.  
<sup>3</sup> 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			
2	Concrete			
3	Earth			
4	Wood			
5	B. Distribution reservoirs			
6	Concrete			
7	Earth			
8	Wood			
9	C. Tanks			
10	Wood			
11	Metal	2	3,070,000	Gallons
12	Concrete			
13	Total	2	3,070,000	Gallons

**CALIFORNIA AMERICAN WATER**  
**San Diego County District**  
**SCHEDULE D-1 ADDENDUM - PURCHASED WATER**  
**2016**

System	Name	Well Casing Dimension (Inches)	Depth to Water 12/31/16 (Feet)	Pumping Capacity (GPM)	Production 2016 (1,000 Gals)
San Diego	Harbor Drive Turnout (City of San Diego)	NA	NA	NA	1,061,857
San Diego	Hiollister Street Turnout (City of San Diego)	NA	NA	NA	1,490
San Diego	Howard & Iris Turnout (City of San Diego)	NA	NA	NA	244,482
San Diego	Montgomery Station Turnout (City of San Diego)	NA	NA	NA	1,908,413
San Diego	Navy Emergency Turnout	NA	NA	NA	0
San Diego	Otay Connection (Otay Water District)	NA	NA	NA	0
San Diego	Pueblo Del Rio Turnout (City of San Diego)	NA	NA	NA	37,624
San Diego	Sweetwater Connection (Sweetwater Authority)	NA	NA	NA	0
TOTAL PURCHASED WATER (to Distribution System)					3,253,866
<b>TOTAL SYSTEM DELIVERY SAN DIEGO</b>					<b>3,253,866</b>

**SCHEDULE D-3**  
**Description of Transmission and Distribution Facilities**

<b>A. Length of Ditches, Flumes and Lined Conduits in Miles for Various Capacities</b>									
Capacities in Cubic Feet Per Second or Miner's Inches (state which)									
Line No.		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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Flume	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Lined conduit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4									
5	Total								

<b>A. Length of Ditches, Flumes and Lined Conduits in Miles for Various Capacities (Continued)</b>									
Capacities in Cubic Feet Per Second or Miner's Inches (state which)									
Line No.		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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Flume	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	Lines conduit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9									
10	Total								

<b>B. Footages of Pipe by Inside Diameters in Inches - Not Including Service Piping</b>									
Line No.		1	1 1/2	2	2 1/2	3	4	5	6
11	Cast Iron	-	157	-	-	-	237	-	3,738
12	Cast Iron (cement lined)	-	-	841	-	-	16,787	-	27,788
13	Cement - Asbestos	25	-	2,027	-	-	30,931	-	282,861
14	Concrete	-	-	77	-	-	-	-	-
15	Copper	1,866	1,479	851	-	-	-	-	1,174
16	PVC	-	-	756	-	-	885	-	23,850
17	Riveted Steel	-	-	-	-	-	-	-	-
18	Screw or Welded Casing	-	-	-	-	-	-	-	-
19	Standard Screw	-	-	-	-	-	-	-	-
20	Welded Steel	-	-	-	-	-	2,434	-	8,926
21	Other - Unknown	3,962	58	610	-	-	1,084	-	6,490
22	Other - Ductile Iron	-	-	-	-	-	-	-	-
23	Other - Galvanized	22	-	-	-	-	-	-	2,214
24	Totals	5,875	1,694	5,162	-	-	52,358	-	357,041

<b>B. Footages of Pipe by Inside Diameters in Inches - Not Including Service Piping - (Continued)</b>											
Line No.		8	10	12	14	16	17 to 18	20-22	Other Sizes (Specify Sizes)		Total All Sizes
									24	30	
25	Cast Iron	2,961	-	2,088	-	2,696	-	-	1,282	-	13,159
26	Cast Iron (cement lined)	6,330	1,008	5,677	-	68,152	-	-	-	-	126,583
27	Cement - Asbestos	230,995	29,387	29,082	-	21,143	-	-	1,550	-	628,001
28	Concrete	-	-	-	-	-	-	-	-	-	77
29	Copper	-	-	-	-	-	-	-	-	-	5,370
30	PVC	81,579	6,770	1,705	-	49	194	1,983	-	-	117,771
31	Riveted Steel	-	-	-	-	-	-	-	-	-	-
32	Screw or Welded Casing	-	-	-	-	-	-	-	-	-	-
33	Standard Screw	-	-	-	-	-	-	-	-	-	-
34	Welded Steel	3,409	28	9,714	-	6,120	2,803	10,281	8,389	1,157	53,261
35	Other - Unknown	16,052	1,030	4,233	-	438	1,649	1,288	-	-	36,894
36	Other - Ductile Iron	-	-	1,940	-	812	-	2,358	5,187	-	10,297
37	Other - Galvanized	2,694	37	48	-	-	-	-	-	-	5,015
	Totals	344,020	38,260	54,487	0	99,410	4,646	15,910	16,408	1,157	996,428

**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	18,380	18,472	0	0
Commercial (including domestic)	2,062	2,056	0	0
Industrial	0	0	0	0
Public authorities	321	317	0	0
Irrigation	0	0	0	0
Other (specify) Misc	13	28	0	0
Subtotal	20,776	20,873	0	0
Private fire connections			379	390
Public fire hydrants			1,131	1,131
Total	20,776	20,873	1,510	1,521

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

Size	Meters	Services
5/8 x 3/4 - in	17,875	
3/4 - in	19	14,918
1 - in	2,156	5,295
1½ - in	543	531
2 - in	724	666
3 - in	27	34
4 - in	9	147
6 - in	13	222
Other	7	88
Total	21,373	21,901

**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 . . .	0
2. Used, before repair . . . . .	268
3. Used, after repair . . . . .	4
4. Found fast, requiring billing adjustment . . . . .	0
B. Number of Meters in Service Since Last Test	
1. Ten years or less . . . . .	15,899
2. More than 10, but less than 15 years . . . . .	5,474
3. More than 15 years . . . . .	0







## 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	\$	<u>115,715</u>
1003	Construction Work in Progress	\$	<u>1,021,122</u>
241	Advances for Construction	\$	<u>227,334</u>
265	Contributions in Aid of Construction	\$	<u>3,532,678</u>

**DECLARATION**

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

I, the undersigned Richard Svindland  
Name of District Manager or Equivalent (Please Print)

of San Diego District  
Name of District

of California- American Water Company  
Name of Utility

at 1025 Palm Ave. Imperial Beach CA, 91932  
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.

President  
Title (Please Print)

[Signature]  
Signature

619-446-4761  
Telephone Number

5/30/17  
Date

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