

Water Forecast Assumptions

Proposed Budget FY17-18

	A	B	C	D	E	F	G	H	R	S	T	U	V
1	Assumptions in Income Statement							Line	Proposed	Forecast	Forecast	Forecast	Forecast
2									FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22
3													
4	Watering per week								3X	3X	3X	3X	3X
6	Potable water Gallon per Capita								128	133	133	133	133
7	Population								106,084	106,084	106,084	106,084	106,084
8	Potable water sales (in CCF)								6,490,663	6,735,593	6,735,593	6,735,593	6,735,593
10	Recycled water sales (in CCF)								1,332,065	1,336,421	1,336,421	1,336,421	1,342,955
11	Recycled water as % of total water sales								17.0%	16.6%	16.6%	16.6%	16.6%
13	BOU operating capacity								75.0%	75.00%	75.0%	75%	75%
14	BOU as % of total water supply. FY 16-17 was 68%							10	69.0%	70.0%	70.0%	70.0%	70.0%
15	Water loss							10	2.5%	2.50%	2.50%	2.50%	2.50%
16	Potable and recycled water rate increase, July 1							10	3.40%	4.90%	4.90%	4.90%	4.90%
17	MWD's Full Service Treated Water Tier 1 rates, Jan 1							10	\$ 1,015	\$ 1,053	\$ 1,092	\$ 1,123	\$ 1,164
18	MWD's Full Service Treated Water Tier 1, rate increases effective Jan 1							10	3.7%	3.7%	3.7%	2.8%	3.7%
19	MWD's Untreated Water Tier 1 rates, Jan 1							10	\$ 695	\$ 738	\$ 783	\$ 835	\$ 876
20	MWD's Untreated Water Tier 1, rate increases effective Jan 1							10	4.4%	6.2%	6.1%	6.6%	4.9%
21													
22	LA Recycled Water Exchange - Volume in A.F.								-	65	125	190	280
23	Average MWD untreated volumetric rate/ A.F.								\$ 681	\$ 717	\$ 761	\$ 809	\$ 856
24	LA Water Exchange - value in \$, used to offset WCAC expense							10	\$ -	\$ 46,573	\$ 95,063	\$ 153,710	\$ 239,680
25													
26	Cost allocations from the Electric fund							18	11.5%	11.5%	11.5%	11.5%	11.5%
27													
28	Water public benefits spending as % potable sales (approximate)							20	1.00%	1.00%	1.00%	2.00%	2.00%
29	Interest income							29	1.50%	1.60%	1.70%	1.80%	1.90%
30	General inflation								2.00%	2.00%	2.00%	2.00%	2.00%
33	Fringe as % of wages								44.93%	48.82%	52.30%	56.05%	57.72%
34	Workers compensation rate as % of wages: Clerical 4%, Non Manual 0.7%, Manual 20%												
35	Water								8.00%	8.00%	8.00%	8.00%	8.00%
36	Other Income:												
37	Recycled water credits from MWD \$250/AF								240,000	240,000	240,000	240,000	240,000
39	Hydro gen at VPP 804 MWh @ \$77/MWh								61,908	61,908	61,908	61,908	61,908
40	Connection fees								40,000	40,000	40,000	40,000	40,000
41	Other								150,000	150,000	150,000	150,000	150,000
42	Fire Protection Services								600,000	600,000	600,000	600,000	600,000
43	Front footage fees								100,000	100,000	100,000	100,000	100,000
44								1,191,908	1,191,908	1,191,908	1,191,908	1,191,908	
45	Assumptions in Cash Statement												
46													
47	Capital spending: 90% of budget or forecast								\$ 6,643,050	\$5,578,440	\$5,609,229	\$4,694,922	\$4,526,240
48													
51	Water in-lieu settlement								\$ 375,000				
52													
53	Water groundwater inventory, ending balance in AF								16,243	15,662	15,444	15,313	15,275