

Water Forecast Assumptions

Proposed Budget FY18-19

	A	B	C	D	E	F	G	H	S	T	U	V	W	
1	Assumptions in Income Statement							Line	Proposed	Forecast	Forecast	Forecast	Forecast	
2									FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
3														
4	Watering per week								3X	3X	3X	3X	3X	
6	Potable water Gallon per Capita								135	135	135	135	135	
7	Population								106,084	106,084	106,084	106,084	106,084	
8	Potable water sales (in CCF)								6,735,593	6,735,593	6,735,593	6,735,593	6,735,593	
10	Recycled water sales (in CCF)								1,339,034	1,339,034	1,339,034	1,345,568	1,345,568	
11	Recycled water as % of total water sales								16.6%	16.6%	16.6%	16.7%	16.7%	
13	BOU operating capacity								75.00%	75.0%	75%	75%	75%	
14	BOU as % of total water supply. FY 17-18 was 69%							10	70.0%	70.0%	70.0%	70.0%	70.0%	
15	Water loss							10	2.50%	2.50%	2.50%	2.50%	2.50%	
16	Potable and recycled water rate increase, July 1							10	4.90%	4.90%	4.90%	4.90%	3.00%	
17	MWD's Full Service Treated Water Tier 1 rates, Jan 1							10	\$ 1,050	\$ 1,078	\$ 1,104	\$ 1,130	\$ 1,159	
18	MWD's Full Service Treated Water Tier 1, rate increases effective Jan 1							10	3.4%	2.7%	2.4%	2.4%	2.6%	
19	MWD's Untreated Water Tier 1 rates, Jan 1							10	\$ 731	\$ 755	\$ 781	\$ 807	\$ 836	
20	MWD's Untreated Water Tier 1, rate increases effective Jan 1							10	5.2%	3.3%	3.4%	3.3%	3.6%	
21														
22	LA Recycled Water Exchange - Volume in A.F.								65	125	190	280	280	
23	Average MWD untreated volumetric rate/ A.F.								\$ 713	\$ 743	\$ 768	\$ 794	\$ 822	
24	LA Water Exchange - value in \$, used to offset WCAC expense							10	\$ 46,345	\$ 92,875	\$ 145,920	\$ 222,320	\$ 230,020	
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%	2.00%	2.00%	2.00%	
29	Interest income							29	1.80%	1.90%	2.00%	2.10%	2.20%	
30	General inflation								2.00%	2.60%	2.40%	2.20%	2.20%	
31	Wages incr.								BMA & IBEW 2%, all other 0%	BCEA, Z, Exec 4%, all other 2%	2.00%	2.00%	2.00%	
33	Fringe as % of wages								49.45%	53.12%	55.85%	58.25%	60.27%	
34	Workers compensation rate as % of wages: Water 6.91%, Clerical 2.07%, Non Manual 1.26%, Manual 13.71%													
35	Water								6.91%	6.91%	6.91%	6.91%	6.91%	
36	Other Income:													
37	Recycled water credits from MWD \$250/AF								235,000	235,000	235,000	235,000	235,000	
39	Water Pipefitter Apprentice training program								201,000	216,000	232,000	232,000	232,000	
40	Hydro gen at VPP 544 MWh @ \$75/MWh								40,800	40,800	40,800	40,800	40,800	
41	Connection fees								40,000	40,000	40,000	40,000	40,000	
42	Other								150,000	150,000	150,000	150,000	150,000	
43	Fire Protection Services								600,000	600,000	600,000	600,000	600,000	
44	Front footage fees								100,000	100,000	100,000	100,000	100,000	
45								1,366,800	1,381,800	1,397,800	1,397,800	1,397,800		
46	Assumptions in Cash Statement													
47														
48	Capital spending: 90% of budget or forecast								\$6,315,172	\$6,151,844	\$5,880,138	\$5,344,827	\$4,708,936	
49														
54	Water groundwater inventory, ending balance in AF								16,271	15,918	15,655	15,485	15,318	