

Expense Forecast	2016	2017	BUDGET	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Wastewater Collection																						
Supervision, Min. Direct Admin.	232,760	232,638	280,076	233,831	237,333	242,938	244,512	248,179	251,681	255,681	259,516	263,608	267,860	271,370	275,141	279,164	283,462	288,022	292,843	297,943	298,728	301,179
Wastewater Collection	434,571	431,571	327,603	379,715	379,715	389,953	393,150	398,013	401,952	405,981	410,012	414,043	418,074	422,105	426,136	430,167	434,198	438,229	442,260	446,291	450,322	454,353
Sewer Lift Stations	275,511	245,739	275,514	279,343	283,532	287,725	291,920	296,114	300,308	304,502	308,696	312,890	317,084	321,278	325,472	329,666	333,860	338,054	342,248	346,442	350,636	354,830
Total WWC Operation Expenses	935,662	950,918	873,151	886,239	899,583	919,077	926,773	940,075	954,785	969,107	983,641	998,398	1,013,374	1,028,574	1,044,003	1,059,663	1,075,558	1,091,691	1,108,067	1,124,688	1,141,559	1,158,430
Wastewater Treatment																						
LA WWTP Operations & Maintenance	831,092	969,338	915,703	929,439	943,380	957,531	971,894	986,472	1,001,269	1,016,288	1,031,533	1,047,006	1,062,711	1,078,651	1,094,831	1,111,254	1,127,922	1,144,841	1,162,014	1,179,444	1,197,136	1,215,088
VR WWTP Operations & Maintenance	506,298	418,951	402,897	408,433	414,559	420,778	427,092	433,506	439,988	446,538	453,157	459,847	466,605	473,433	480,331	487,300	494,340	501,459	508,648	515,906	523,233	530,630
Total WWTP Operation Expenses	1,340,290	1,388,309	1,318,600	1,337,872	1,357,940	1,378,309	1,398,986	1,419,968	1,441,258	1,462,826	1,484,690	1,506,854	1,529,358	1,552,104	1,575,162	1,598,531	1,622,214	1,646,299	1,670,793	1,695,694	1,720,919	1,746,468
WW Sys. Interdepartmental Charges	372,692	416,582	646,445	656,142	665,984	675,974	686,113	696,405	706,851	717,454	728,216	739,139	750,226	761,479	772,891	784,564	796,302	808,206	820,339	832,634	845,184	857,984
WW Sys. Administrative Division Allocation	482,703	504,878	546,547	550,874	555,321	560,371	571,771	580,148	590,053	597,889	606,857	615,960	625,199	634,577	644,096	653,751	663,544	673,517	683,620	693,874	704,284	714,844
Debt Service (WWTP)	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799	1,155,799
Capital - WWC - CP & R&R	479,000	479,000	200,000	684,000	1,061,000	571,000	478,000	517,000	415,000	255,000	558,000	743,000	348,000	236,000	240,000	910,000	751,000	668,000	731,000	549,000	889,000	990,000
Capital - WWTP - CP & R&R					1,972,000	515,000		185,000		555,000	45,000	285,000	1,771,000			91,000				317,000		91,000
Capital (Bond Loan & Grant) - WWTP CP					15,887,000																	
Total WW System Operation Expenses	3,131,347	4,456,486	4,999,882	4,582,895	4,634,302	5,798,822	5,851,782	5,905,437	5,960,098	5,921,693	5,884,118	5,841,171	5,995,739	6,158,783	6,228,442	6,302,108	6,375,571	6,447,955	6,520,339	6,592,723	6,665,107	6,737,491
Total WW System Capital Expenditures	479,000	479,000	200,000	684,000	1,061,000	571,000	478,000	517,000	415,000	255,000	558,000	743,000	348,000	236,000	240,000	910,000	751,000	668,000	731,000	549,000	889,000	990,000
Total WW System Cash Outflow	3,610,347	4,935,486	5,199,882	5,266,895	5,695,302	6,369,822	6,329,782	6,422,437	6,375,098	6,176,693	6,442,118	6,584,171	6,343,739	6,395,783	6,468,442	7,212,108	7,126,571	7,115,955	7,251,339	7,341,723	7,454,028	8,727,491
Revenue Forecast																						
Number of Res. SF Flat Rate Customers	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629
Res. SF Flat Rate	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888	31,888
Res. SF Service Charge	8.81	9.51	10.27	10.99	11.65	12.23	12.72	13.10	13.36	13.56	13.75	13.92	14.09	14.26	14.43	14.60	14.77	14.94	15.11	15.28	15.45	15.62
Rate Increase Percentage	8.00%	8.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
Total "Sales" Revenue from Res SF Flat Rate	3,204,440	3,460,386	3,737,217	3,998,822	4,238,751	4,450,689	4,628,716	4,767,578	4,862,929	4,924,929	4,962,929	4,982,929	4,992,929	5,002,929	5,012,929	5,022,929	5,032,929	5,042,929	5,052,929	5,062,929	5,072,929	5,082,929
Number of Non-Residential Customers	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291	291
Non-Residential Service Charge	8.81	9.51	10.27	10.99	11.65	12.23	12.72	13.10	13.36	13.56	13.75	13.92	14.09	14.26	14.43	14.60	14.77	14.94	15.11	15.28	15.45	15.62
Non-Residential "Sales" in Kgal	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713	47,713
Adjusted Factor	24.00%	24.00%	16.00%	8.00%	1.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjusted Non-Residential "Sales" in Kgal	59,164	59,046	55,126	51,221	48,161	47,238	47,143	47,049	46,955	46,861	46,767	46,674	46,580	46,487	46,394	46,301	46,208	46,116	46,024	45,932	45,840	45,748
Non-Residential Commodity Charge per Kgal	15.00	16.20	17.50	18.72	19.84	20.84	21.67	22.37	22.97	23.57	24.17	24.77	25.37	25.97	26.57	27.17	27.77	28.37	28.97	29.57	30.17	30.77
Rate Increase Percentage	8.00%	8.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
Total "Sales" Revenue from Non-Residential	890,880	960,058	970,538	967,981	966,488	994,158	1,034,018	1,062,997	1,082,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179	1,092,179
Total "Sales" Revenue	4,095,220	4,420,444	4,707,755	4,966,703	5,204,903	5,945,378	6,662,794	7,830,577	8,842,277	9,016,872	9,442,802	10,075,108	10,767,958	11,515,108	12,315,108	13,175,108	14,097,108	15,079,108	16,121,108	17,233,108	18,415,108	19,667,108
Interest on Utility Reserves	18,711	12,527	13,439	20,659	25,525	27,415	28,409	29,478	29,976	30,474	30,972	31,470	31,968	32,466	32,964	33,462	33,960	34,458	34,956	35,454	35,952	36,450
Interest on Debt																						
Other Revenue																						
Federal or State Grant/Loan																						
Bond Federal Subsidy																						
Total Cash Inflow	4,596,145	4,932,610	5,283,389	5,588,645	5,944,633	6,222,813	6,900,744	8,387,696	9,777,802	10,706,483	11,706,483	12,776,483	13,926,483	15,156,483	16,466,483	17,856,483	19,326,483	20,876,483	22,506,483	24,216,483	26,006,483	27,876,483
Net Cash Flow	985,798	72,124	484,007	321,149	16,575,330	16,383,059	57,914	19,866	331,884	(22,313)	179,857	(262,644)	357,869	300,115	238,975	383,794	576,044	603,259	778,832	355,683	153,726	524,688
Cumulative Net Cash Flow	985,798	1,057,922	1,541,929	1,863,079	18,439,009	2,055,950	2,113,864	2,133,730	2,465,115	2,442,801	2,622,658	2,360,095	2,717,964	3,018,079	3,257,024	3,440,819	3,574,513	3,657,772	3,690,031	3,751,915	3,795,641	3,829,367
Cash Balance	823,785	896,509	1,339,916	1,701,566	18,276,996	1,893,938	1,951,852	1,971,717	2,303,102	2,280,789	2,460,646	2,198,382	2,555,951	2,856,087	3,095,012	3,278,806	3,404,849	3,478,108	3,500,367	3,552,277	3,586,086	3,619,895
Recommended Cash Balance	3,646,673	3,508,113	4,001,590	5,902,447	20,770,051	5,011,482	5,211,962	5,001,139	5,424,120	5,191,025	5,511,846	6,099,372	4,777,085	4,920,140	5,710,970	4,526,359	8,225,090	4,858,382	4,682,725	4,831,860	4,984,477	5,147,094
After One Residential SF Flat Rate Sewer / month	\$10.69	\$43.84	\$47.46	\$50.78	\$53.82	\$56.31	\$58.78	\$60.84	\$62.79	\$64.75	\$66.71	\$68.67	\$70.63	\$72.59	\$74.55	\$76.51	\$78.47	\$80.43	\$82.39	\$84.35	\$86.31	\$88.27
After One Residential, W/F One Sewer / one month	\$11.97	\$44.24	\$47.86	\$51.18	\$54.22	\$56.71	\$58.78	\$60.84	\$62.79	\$64.75	\$66.71	\$68.67	\$70.63	\$72.59	\$74.55	\$76.51	\$78.47	\$80.43	\$82.39	\$84.35	\$86.31	\$88.27
After One Non-Residential Commodity Rate / Kgal	\$15.00	\$16.20	\$17.50	\$18.72	\$19.84	\$20.84	\$21.67	\$22.37	\$22.97	\$23.57	\$24.17	\$24.77	\$25.37	\$25.97	\$26.57	\$27.17	\$27.77	\$28.37	\$28.97	\$29.57	\$30.17	\$30.77

NOTE 1: "WW Sys. Interdepartmental Charges" & "WW Sys. Administrative Division Allocation" are not divided into "Total WWC Operation Expenses" or "Total LA WWTP Operation Expenses".

NOTE 2: These charges are included in the "Total WW System Operation Expense". This was done to actually compare relative operation expenses between all three Wastewater System sub-systems (WWC, LA WTP & VR WWTP).