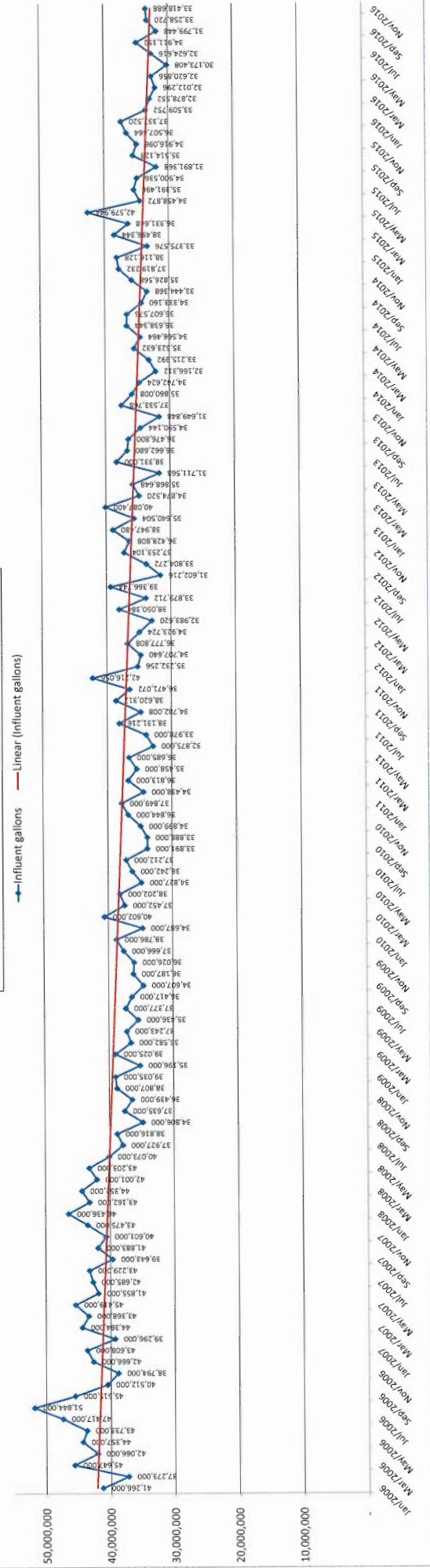


Los Alamos and White Rock - Total WWTP Influent Flow (gallons)

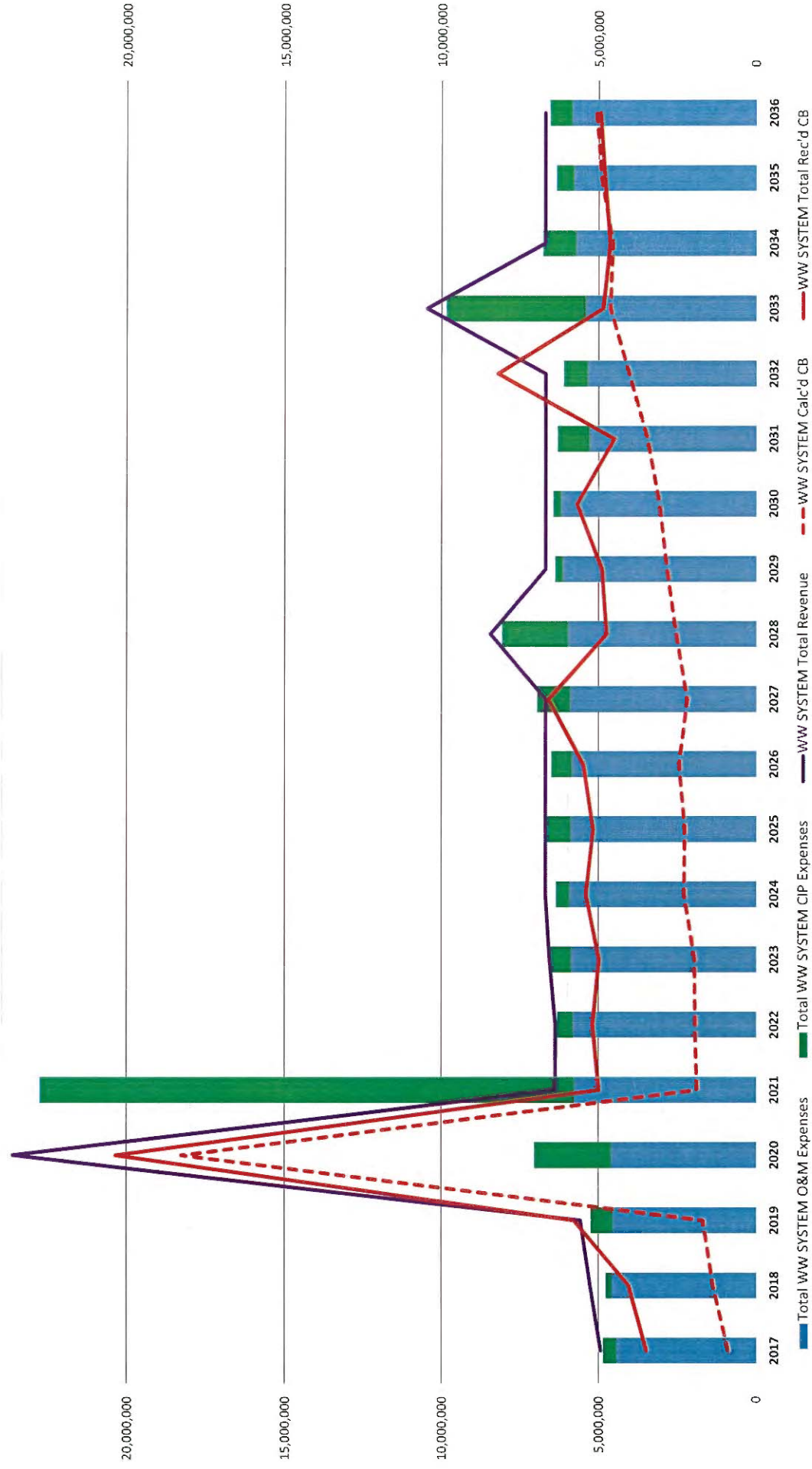


Expense Forecast	2016	2017	BUDGET	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Wastewater Collection																						
Supervision, Min. Direct Admin.	232,760	232,638	280,076	233,831	237,333	242,938	244,512	248,179	251,681	255,681	259,516	263,608	267,860	271,370	275,141	279,164	283,432	287,946	292,702	297,704	302,952	308,444
Wastewater Collection	434,571	431,571	327,603	379,715	379,715	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933	380,933
Sewer Lift Stations	275,511	245,739	275,514	279,342	283,532	287,725	291,920	296,114	300,311	304,511	308,711	312,911	317,111	321,311	325,511	329,711	333,911	338,111	342,311	346,511	350,711	354,911
Total WWC Operation Expenses	935,662	950,918	873,191	896,239	899,583	919,077	926,773	940,075	944,785	949,107	953,431	957,655	961,879	966,103	970,327	974,551	978,775	982,999	987,223	991,447	995,671	1,000,000
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	1,016,388	1,031,533	1,046,706	1,061,906	1,077,131	1,092,381	1,107,656	1,122,956	1,138,281	1,153,631	1,168,996	1,184,376	1,199,771
WW 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	459,836	466,565	473,344	480,171	487,046	493,969	500,939	507,956	515,019	522,129	529,284
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	1,441,257	1,462,926	1,484,690	1,506,443	1,528,196	1,549,949	1,571,702	1,593,455	1,615,208	1,636,961	1,658,714	1,680,467	1,702,220	1,723,973
WW Sys. Interdepartmental Charges	372,692	416,582	646,445	656,142	665,984	675,974	686,113	696,405	706,851	717,454	728,116	738,839	749,612	760,435	771,307	782,228	793,198	804,217	815,284	826,398	837,560	848,771
WW Sys. Administrative Division Allocation	482,703	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878	504,878
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	240,000	240,000	240,000	240,000	240,000	240,000	240,000
Capital - WWTP - CP & R&R					1,972,000	515,000		135,000		555,000	45,000	285,000	1,771,000				91,000		37,000			91,000
Capital (Bond Loan & Grant) - WWTP CP					15,887,000		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	5,914,693	5,969,288	6,023,883	6,078,478	6,133,073	6,187,668	6,242,263	6,296,858	6,351,453	6,406,048	6,460,643	6,515,238	6,569,833
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	240,000	240,000	240,000	240,000	240,000	240,000	240,000
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	6,169,693	6,527,288	6,772,883	6,426,478	6,370,073	6,427,668	6,482,263	6,536,858	6,591,453	6,646,048	6,700,643	6,755,238	6,809,833
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	13.76	13.96	14.16	14.36	14.56	14.76	14.96	15.16	15.36	15.56	15.76	15.96
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	4,924,280	5,000,631	5,092,982	5,192,333	5,300,684	5,410,035	5,520,386	5,630,737	5,740,088	5,850,439	5,960,790	6,070,141	6,180,492
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	13.76	13.96	14.16	14.36	14.56	14.76	14.96	15.16	15.36	15.56	15.76	15.96
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	47,316	43,411	39,506	35,601	31,696	27,791	23,886	19,981	16,076	12,171	8,266	4,361	4,361	4,361	4,361	4,361	4,361	4,361
Non-Residential Commodity Charge per Kgal	15.00	16.20	17.50	18.72	19.94	21.16	22.38	23.60	24.82	26.04	27.26	28.48	29.70	30.92	32.14	33.36	34.58	35.80	37.02	38.24	39.46	40.68
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	965,488	962,995	960,502	958,009	955,516	953,023	950,530	948,037	945,544	943,051	940,558	938,065	935,572	933,079	930,586	928,093	925,600	923,107
Total "Sales" Revenue	4,095,320	4,420,444	4,707,755	4,966,743	5,204,246	5,413,374	5,589,294	5,735,156	5,855,114	5,950,016	6,051,313	6,158,615	6,271,917	6,390,219	6,513,521	6,641,823	6,775,125	6,913,427	7,056,729	7,205,031	7,358,333	7,516,635
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	4,934,610	5,283,389	5,588,645	5,914,770	6,305,104	6,597,696	6,777,802	6,906,483	7,000,483	7,076,975	7,138,907	7,188,907	7,228,907	7,268,907	7,308,907	7,348,907	7,388,907	7,428,907	7,468,907	7,508,907	7,548,907
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	3,574,613	3,658,412	3,697,244	3,697,244	3,697,244	3,697,244
Cash Balance	823,785	896,509	1,379,916	1,701,566	18,276,996	1,893,938	1,951,852	1,971,717	2,303,102	2,280,789	2,460,646	2,198,882	2,555,951	2,856,067	3,095,012	3,278,806	3,402,600	3,476,458	3,505,277	3,505,277	3,505,277	3,505,277
Recommended Cash Balance	3,646,673	3,508,113	4,001,590	5,902,447	20,770,051	5,011,482	5,211,962	5,001,149	5,424,120	5,191,025	5,511,846	6,099,472	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	\$19.94	\$21.16	\$22.38	\$23.60	\$24.82	\$26.04	\$27.26	\$28.48	\$29.70	\$30.92	\$32.14	\$33.36	\$34.58	\$35.80	\$37.02	\$38.24	\$39.46	\$40.68

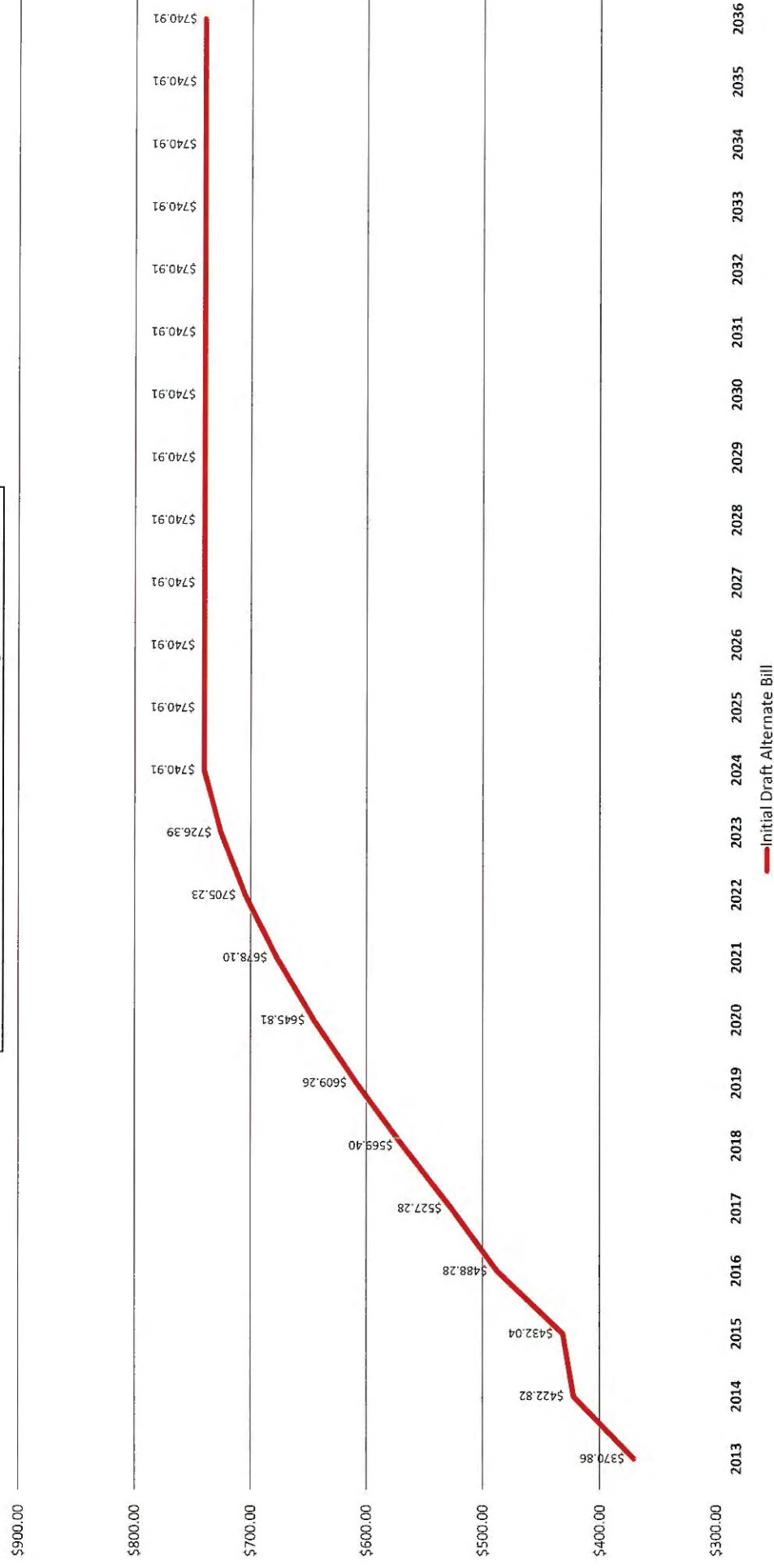
NOTE 1: "WW Sys. Interdepartmental Charges" & "WW Sys. Administrative Division Allocation" are not divided into "Total WWC Operation Expenses" or "Total LA WWTP Operation Expenses".

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 & WRP).

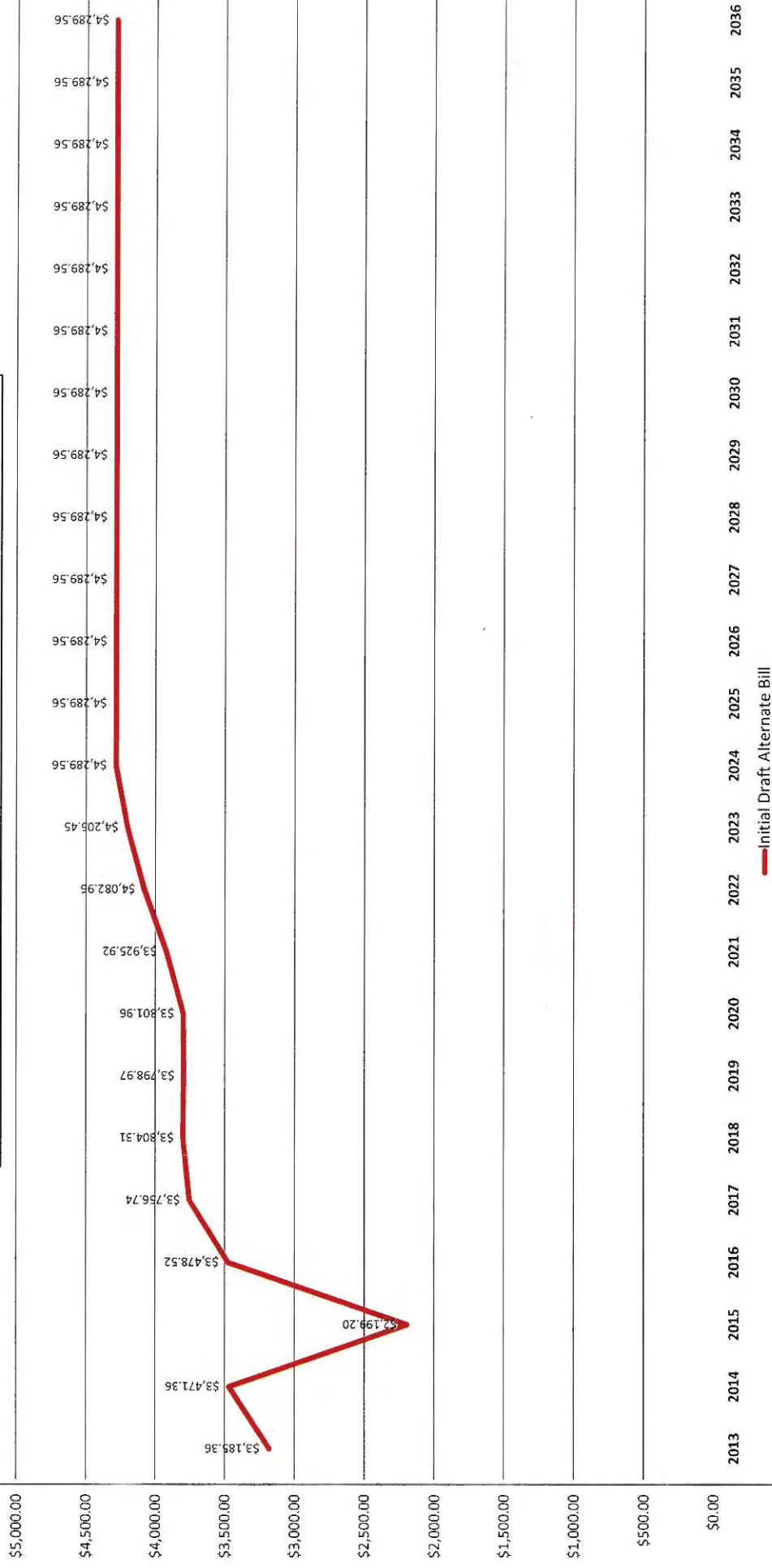
Initial Draft Alternate - WW SYSTEM Total Revenue vs Total Expenses with Cash Balances (Calculated vs Recommended)



Typical 6,000 Gallon/Month Residential Average Annual Sewer Bill



Typical Small Private School 15,110 Gallon/Month Non-Residential Average Annual Sewer Bill



Typical Restaurant 35,120 Gallon/Month Non-Residential Average Annual Sewer Bill

