

2018 Utility Rates - Statistical Analysis

	2011	2012	2013	2014	2015	2016	2017	2018 Budget			
SEWER UTILITY	Total Customers	64,523	64,748	64,975	65,218	65,591	65,732	67,158	67,999		
	Total Equivalent Meters	82,778	83,127	83,569	84,103	84,935	84,905	87,294	88,602		
	Total Billed Volume (MG)	8,765	8,914	8,301	10,056	8,103	7,972	7,639	7,599		
	Restaurant Billed Volume (MG)	0	0	0	0	0	0	0	337		
	Q&Q Billed Volume (MG)	377	376	337	408	331	369	358	254		
	"Regular" Billed Volume (MG)	7,783	8,011	7,514	9,210	7,358	7,362	7,281	7,008		
	Oscar Mayer Volume (MG)	605	527	450	438	414	241	0	0		
	Volume - MMSD (MG)	9,641	8,645	9,870	9,244	9,288	9,785	9,977	9,965		
	CBOD - MMSD (LBS)	16,455,091	16,447,259	16,462,822	16,397,576	16,841,176	18,942,748	18,939,890	18,706,250		
	SS - MMSD (LBS)	20,358,556	19,922,940	19,986,935	20,531,549	19,133,401	19,898,155	18,483,340	19,527,500		
	TKN - MMSD (LBS)	3,323,703	3,303,091	3,455,209	3,583,866	3,654,726	3,734,650	3,926,531	3,923,750		
	TP - MMSD (LBS)	469,999	448,776	451,182	476,108	491,949	488,870	469,209	459,900		
	Average Annual Residential Volume (GAL)	65,824	53,856	55,352	55,352	53,856	52,360	50,864	50,864		
	Average Monthly Residential Volume (GAL)	5,485	4,488	4,613	4,613	4,488	4,363	4,239	4,239		
	MMSD Treatment Charges:										
	Fixed Demand	\$ 2,446,109	\$ 2,863,007	\$ 3,164,033	\$ 3,396,430	\$ 4,203,900	\$ 4,638,441	\$ 5,474,470	\$ 5,653,840	24%	
	Volume	\$ 12,681,539	\$ 12,981,453	\$ 15,106,141	\$ 15,242,977	\$ 15,073,972	\$ 17,664,378	\$ 16,460,474	\$ 17,753,326	76%	
	Total MMSD Charges	\$ 15,127,647	\$ 15,844,460	\$ 18,270,174	\$ 18,639,407	\$ 19,277,871	\$ 22,302,820	\$ 21,934,944	\$ 23,407,166		
								MMSD Rate Increase:	5.7%		
	Debt Service	\$ 3,216,393	\$ 3,104,168	\$ 4,112,317	\$ 3,171,816	\$ 3,736,609	\$ 3,768,943	\$ 4,929,993	\$ 4,955,000		
	Average Customer Bill (Annual)	\$ 234.29	\$ 245.57	\$ 266.47	\$ 273.79	\$ 283.51	\$ 294.34	\$ 313.21	\$ 323.06		
	Average Customer Bill (Monthly)	\$ 19.52	\$ 20.46	\$ 22.21	\$ 22.82	\$ 23.63	\$ 24.53	\$ 26.10	\$ 26.92		
	Total Customer Revenue	\$ 28,460,179	\$ 29,916,262	\$ 30,126,975	\$ 32,511,921	\$ 32,340,410	\$ 33,717,687	\$ 35,192,116	\$ 37,792,980		
	STORMWATER	Customers	60,129	60,296	60,306	61,067	61,163	61,803	61,899	61,899	
		Impervious Area (sf)	419,438,636	425,614,201	425,407,728	430,340,403	432,310,341	438,406,449	440,896,692	440,896,692	
		Credits	(19,346,457)	(17,929,454)	(18,108,217)	(19,255,489)	(19,257,754)	(19,533,525)	(18,273,086)	(18,273,086)	
		Pervious Area (sf)	1,356,774,368	1,370,575,660	1,365,948,547	1,360,163,910	1,362,595,772	1,391,071,926	1,398,053,364	1,398,053,364	
		Credits	(245,564,559)	(231,835,016)	(241,543,701)	(243,332,798)	(246,876,109)	(266,267,253)	(268,072,646)	(268,072,646)	
		Debt Service	\$ 4,073,784	\$ 5,132,846	\$ 5,053,587	\$ 5,736,555	\$ 5,847,085	\$ 6,016,552	\$ 6,043,868	\$ 6,443,489	
		Average Customer Bill (Annual)	\$ 76.86	\$ 80.18	\$ 82.86	\$ 86.42	\$ 88.34	\$ 91.30	\$ 93.02	\$ 95.50	
		Total Customer Revenue	\$ 12,392,365	\$ 12,950,215	\$ 13,387,432	\$ 14,058,462	\$ 13,910,434	\$ 14,736,716	\$ 15,158,349	\$ 15,802,437	
		LANDFILL	Total Equivalent Meters	98,952	99,211	100,161	100,879	101,843	102,950	104,439	104,439
Debt Service			\$ 1,872,199	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Average Customer Bill (Annual)	\$ 12.00		\$ 10.00	\$ 10.00	\$ 8.40	\$ 4.80	\$ 4.80	\$ 4.80	\$ 7.80		
Total Customer Revenue	\$ 1,202,379		\$ 1,060,345	\$ 984,895	\$ 975,841	\$ 486,114	\$ 488,403	\$ 497,776	\$ 813,600		