

**Applewood Sanitation District Rate Study**  
**2021 Sewer Rates Model**

Year	Sewer Rate Increase	Proposed Yearly Sewer Rate	% SFE Increase	% Tap Fee Increase	% Treatment Increase	Inflation Factor	Residential	Non-Residential	Multi-Family	Totals
2019	0.0%	350.00	0.00%	0.00%	3.00%	3.00%	1,000	68	-	1,068
2020	3.0%	360.00	0.00%	0.00%	3.00%	3.00%	1,000	76	-	1,076
2021	0.0%	360.00	0.00%	0.00%	3.00%	3.00%	1,001	76	160	1,237
2022	0.0%	360.00	0.00%	0.00%	3.00%	3.00%	1,011	119	310	1,440
2023	3.0%	370.00	0.00%	0.00%	3.00%	3.00%	1,021	175	310	1,506
2024	0.0%	370.00	0.00%	0.00%	3.00%	3.00%	1,025	175	310	1,510
2025	0.0%	370.00	0.00%	0.00%	3.00%	3.00%	1,025	175	310	1,510
2026	3.0%	381.00	0.00%	0.00%	3.00%	3.00%	1,025	175	310	1,510
2027	0.0%	381.00	0.00%	0.00%	3.00%	3.00%	1,025	175	310	1,510

**Table 3-1C: Yearly Rate Increase Effects on Revenue**

Year	Property & Ownership Tax	Admin Expenses	General Fund Income/(Loss)	User Fee Revenue	Connection Revenue (Tap Fee)	Misc Revenue	Treatment Costs	Maintenance Expenses	Sanitation Fund Income/(Loss)	New Construction Income	Capital Improvements	New Construction Expenditures	Capital Improvement Income/(Loss)
2019	176,260	116,555	59,705	378,319	-	117,237	223,173	93,915	178,468	269,471	25,497	240,319	3,655
2020	181,092	147,700	33,392	392,681	1,400,904	15,792	211,874	84,665	1,512,838	193,658	38,259	181,888	(26,489)
BUD 2021	180,228	136,940	43,288	445,320	91,000	7,615	257,803	119,800	166,332	210,000	-	210,000	-
2022	225,285	157,481	67,804	518,400	-	7,843	386,705	123,394	16,145		300,000		(300,000)
2023	281,606	181,103	100,503	557,220	-	8,079	580,057	127,096	(141,854)		300,000		(300,000)
2024	352,008	208,269	143,739	558,700	-	8,321	597,458	130,909	(161,346)		250,000		(250,000)
2025	362,568	214,517	148,051	558,700	-	8,571	615,382	134,836	(182,947)		160,000		(160,000)
2026	373,445	220,952	152,493	575,310	-	8,828	633,844	138,881	(188,587)		42,503		(42,503)
2027	384,648	227,581	157,068	575,310	-	9,093	652,859	143,047	(211,504)		17,500		(17,500)

1,133,759

Orig Est of CIP thru 2027

1,519,500

Year	Total Revenue	Total Expenditures	Contingency	Yearly Net Revenue	Accumulated Net Revenue	Prudent Reserve
2019	941,287	(699,459)	-	241,828	164,531	411,087
2020	2,184,127	(664,386)	-	1,519,741	1,684,272	1,748,940
BUD 2021	934,163	(724,543)	(60,000)	149,620	1,833,892	1,688,560
2022	751,528	(967,580)	(30,000)	(246,051)	1,587,841	1,442,509
2023	846,905	(1,188,256)	(30,000)	(371,351)	1,216,491	1,071,159
2024	919,029	(1,186,636)	(30,000)	(297,607)	918,884	773,552
2025	929,839	(1,124,735)	(30,000)	(224,896)	693,988	548,656
2026	957,583	(1,036,180)	(30,000)	(108,597)	585,391	440,059
2027	969,051	(1,040,987)	(30,000)	(101,936)	483,455	338,123