

BOONE COUNTY REGIONAL SEWER DISTRICT
BOONE COUNTY, MO
Actual and Projected Rate Structure 2019-2036
Prepared by Stephen M. Connelly,
September 30, 2021

	RATE A ACTUAL			RATE A PROJECTION															
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
(change)	\$ 1.20	\$ 0.75	\$ -	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ -	\$ -
Base service fee	\$ 25.90	\$ 26.65	\$ 26.65	\$ 27.40	\$ 28.15	\$ 28.90	\$ 29.65	\$ 30.40	\$ 31.15	\$ 31.90	\$ 32.65	\$ 33.40	\$ 34.15	\$ 34.90	\$ 35.65	\$ 36.40	\$ 36.40	\$ 36.40	\$ 36.40
Usage charge	\$ 7.60	\$ 7.85	\$ 7.85	\$ 8.40	\$ 8.95	\$ 9.50	\$ 10.05	\$ 10.60	\$ 11.15	\$ 11.70	\$ 12.25	\$ 12.80	\$ 13.35	\$ 13.90	\$ 14.45	\$ 14.65	\$ 14.65	\$ 14.65	\$ 14.65
(change)	\$ 0.35	\$ 0.25	\$ -	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.20	\$ -	\$ -	\$ -
Total Charge (bsf + usage charge)	\$ 63.91	\$ 65.91	\$ 65.91	\$ 69.41	\$ 72.91	\$ 76.41	\$ 79.91	\$ 83.41	\$ 86.91	\$ 90.41	\$ 93.91	\$ 97.41	\$ 100.91	\$ 104.41	\$ 107.91	\$ 109.66	\$ 109.66	\$ 109.66	\$ 109.66
Prior Year Total Charge (bsf + usage charge)	\$ 60.96	\$ 63.91	\$ 65.91	\$ 65.91	\$ 69.41	\$ 72.91	\$ 76.41	\$ 79.91	\$ 83.41	\$ 86.91	\$ 90.41	\$ 93.91	\$ 97.41	\$ 100.91	\$ 104.41	\$ 107.91	\$ 109.66	\$ 109.66	\$ 109.66
Difference YoY	\$ 2.95	\$ 2.00	\$ -	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50	\$ 1.75	\$ -	\$ -	\$ -
Percentage change	4.8%	3.1%	0.0%	5.3%	5.0%	4.8%	4.6%	4.4%	4.2%	4.0%	3.9%	3.7%	3.6%	3.5%	3.4%	1.6%	0.0%	0.0%	0.0%
Funds available for DS	1,889,932	1,817,489	1,998,751	2,206,030	2,315,590	2,494,637	2,600,916	2,701,435	2,795,769	2,883,469	2,964,060	3,037,042	3,101,885	3,158,030	3,204,885	3,118,226	2,766,573	2,517,263	2,517,263
Debt Service	1,607,791	1,547,756	1,709,862	1,789,196	1,680,421	1,714,699	1,680,522	1,695,841	1,645,626	2,133,987	1,662,167	2,125,438	2,533,900	2,636,602	2,784,961	2,893,388	2,073,368	2,031,276	2,031,276
DSCR	1.18	1.17	1.17	1.23	1.38	1.45	1.55	1.59	1.70	1.35	1.78	1.43	1.22	1.20	1.15	1.08	1.33	1.24	1.24
Benchmark	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	2.10	3.10	3.10
Incremental Debt Service	110,329	104,507	107,184	216,286	424,660	553,152	683,947	760,009	895,982	487,348	1,032,433	635,509	285,995	234,334	128,571	(58,636)	441,699	257,145	257,145

BOONE COUNTY REGIONAL SEWER DISTRICT
BOONE COUNTY, MO
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
ACTUAL AND PROJECTED YEARS ENDED DECEMBER 31, 2019-2036
Prepared by Stephen M. Connelly, CPA, PC
September 30, 2021

	ACTUAL																	
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
OPERATING REVENUES:																		
Customer fees (user fees, penalties, etc)	4,760,620	4,901,574	4,944,932	5,339,422	5,608,509	5,950,765	6,227,769	6,507,397	6,789,667	7,074,601	7,362,217	7,652,535	7,945,574	8,241,356	8,539,899	8,717,621	8,643,722	8,686,255
Grants																		
Miscellaneous	3,440	19,816	89,944	91,743	93,578	99,649	101,642	103,675	105,748	107,863	110,021	112,221	114,466	116,755	119,090	121,472	123,901	126,379
Total Operating Revenue	4,764,060	4,921,390	5,034,876	5,431,165	5,702,086	6,050,414	6,329,411	6,611,071	6,895,416	7,182,464	7,472,237	7,764,756	8,060,040	8,358,110	8,658,989	8,839,093	8,767,623	8,812,634
OPERATING EXPENSES:																		
Personnel expenses	1,111,499	1,165,103	1,093,504	1,271,763	1,345,209	1,422,991	1,505,367	1,592,610	1,685,011	1,782,875	1,886,530	1,996,320	2,112,611	2,235,790	2,366,269	2,504,482	2,650,891	2,805,985
Materials and supplies	6,894	9,696	14,896	15,498	16,124	16,775	17,317	17,876	18,454	19,050	19,665	20,300	20,956	21,633	22,331	23,053	23,797	24,566
Dues, training and seminars	12,171	6,605	7,202	7,493	7,796	8,111	8,373	8,644	8,923	9,211	9,508	9,816	10,133	10,460	10,798	11,146	11,507	11,878
Utilities	179,487	190,436	205,091	213,376	221,997	230,965	238,425	246,127	254,076	262,283	270,755	279,500	288,528	297,848	307,468	317,399	327,651	338,234
Equipment costs	53,426	53,215	62,859	65,398	68,040	70,789	73,076	75,436	77,873	80,388	82,984	85,665	88,432	91,288	94,237	97,281	100,423	103,666
Maintenance	249,803	263,292	310,489	327,255	344,927	363,553	383,185	403,877	425,687	448,674	472,902	498,439	525,354	553,724	583,625	615,140	648,358	683,369
Wholesale treatment	995,253	1,012,184	1,015,218	1,020,294	1,061,106	1,103,550	1,147,692	1,193,600	1,241,344	1,290,997	1,342,637	1,396,343	1,452,196	1,510,284	1,570,696	1,633,523	1,698,864	1,766,819
Contract services	317,977	409,055	370,901	343,821	356,784	370,241	382,197	394,539	407,279	420,431	434,007	448,023	462,491	477,426	492,844	508,761	525,192	542,153
Miscellaneous	24,728	12,764	26,554	27,627	28,743	29,904	30,870	31,867	32,896	33,959	35,056	36,188	37,357	38,563	39,809	41,095	42,422	43,792
Bad debts	31,580	56,312	33,653	34,740	35,862	37,020	38,216	39,451	40,725	42,040	43,398	44,800	46,247	47,741	49,283	50,875	52,518	54,214
Depreciation	1,273,900	1,281,731	1,316,386	1,347,937	1,385,392	1,438,003	1,512,579	1,573,841	1,613,840	1,669,977	1,804,752	2,045,102	2,201,504	2,348,656	2,458,571	2,539,194	2,578,660	2,631,185
Total Operating Expenses	4,256,718	4,460,393	4,456,752	4,675,202	4,871,980	5,091,904	5,337,297	5,577,866	5,806,106	6,059,885	6,402,196	6,860,495	7,245,808	7,633,413	7,995,930	8,341,949	8,660,283	9,005,864
INCOME FROM OPERATIONS	507,342	460,997	578,124	755,963	830,106	958,511	992,114	1,033,205	1,089,310	1,122,579	1,070,042	904,261	814,231	724,697	663,058	497,144	107,340	(193,229)
NON-OPERATING REVENUES/(EXPENSES):																		
Interest income	108,690	74,761	104,241	102,130	100,091	98,123	96,223	94,389	92,619	90,912	89,266	87,679	86,150	84,676	83,256	81,889	80,573	79,307
Interest expense	(315,260)	(299,874)	(277,539)	(254,223)	(236,892)	(225,013)	(232,375)	(216,478)	(188,926)	(179,887)	(288,767)	(410,305)	(355,800)	(380,202)	(390,961)	(351,488)	(330,568)	(336,376)
Bond Issuance costs	(118,311)	(90,494)	0	(161,756)	(164,601)	(187,983)	(235,249)	(263,997)	(207,846)	(203,304)	(165,956)	(199,552)	(160,815)	(177,142)	(177,141)	(177,140)	(177,139)	(177,138)
Gain/(loss) on disposal of assets	0	(99,011)	0	(99,011)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Contributed collection systems	728,068	518,925	0	750,129	757,630	765,207	772,859	780,587	788,393	796,277	804,240	812,282	820,405	828,609	836,895	845,264	853,717	862,254
Misc./Contr collection system closure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Operating Rev/(Exp)	403,187	104,307	(173,297)	337,270	456,228	450,333	401,458	394,501	484,241	503,998	438,784	290,105	389,940	355,941	352,049	398,526	426,583	428,047
NET INCOME/(LOSS)	910,529	565,304	404,827	1,093,232	1,286,335	1,408,844	1,393,572	1,427,706	1,573,550	1,626,578	1,508,825	1,194,366	1,204,171	1,080,639	1,015,107	895,669	533,923	234,818
INCREASE/(DECREASE) IN NET POSIT	910,529	565,304	404,827	1,093,232	1,286,335	1,408,844	1,393,572	1,427,706	1,573,550	1,626,578	1,508,825	1,194,366	1,204,171	1,080,639	1,015,107	895,669	533,923	234,818
NET POSITION, BEGINNING	#####	#####	17,303,556	17,708,382	18,801,615	20,087,950	21,496,793	22,890,365	24,318,071	25,891,621	27,518,199	29,027,024	30,221,390	31,425,561	32,506,199	33,521,307	34,416,976	34,950,900
NET POSITION, ENDING	#####	#####	17,708,382	18,801,615	20,087,950	21,496,793	22,890,365	24,318,071	25,891,621	27,518,199	29,027,024	30,221,390	31,425,561	32,506,199	33,521,307	34,416,976	34,950,900	35,185,717
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Funds available for DS	1,889,932	1,817,489	1,998,751	2,206,030	2,315,590	2,494,637	2,600,916	2,701,435	2,795,769	2,883,469	2,964,060	3,037,042	3,101,885	3,158,030	3,204,885	3,118,226	2,766,573	2,517,263
Debt Service	1,607,791	1,547,756	1,709,862	1,789,196	1,680,421	1,714,699	1,680,522	1,695,841	1,645,626	2,133,987	1,662,167	2,125,438	2,533,900	2,636,602	2,784,961	2,893,388	2,073,368	2,031,276
DSCR	1.18	1.17	1.17	1.23	1.38	1.45	1.55	1.59	1.70	1.35	1.78	1.43	1.22	1.20	1.15	1.08	1.33	1.24
Benchmark	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
Incremental Debt Service	110,329	104,507	107,184	216,286	424,660	553,152	683,947	760,009	895,982	487,348	1,032,433	635,509	285,995	234,334	128,571	(58,636)	441,699	257,145