

Projected Water and Sewer Budget and Rate Impacts

Updated February 1, 2022 - CLW

		WATER																		
		2015 Actuals	2016/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	
Exist. Water Debt	\$	368,853	\$ 362,856	\$ 354,472	\$ 349,708	\$ 348,660	\$ 337,567	\$ 336,968	\$ 282,477	\$ 270,619	\$ 197,471	\$ 197,471	\$ 197,471	\$ 197,471	\$ 197,471	\$ 197,471	\$ 197,471	\$ 197,471	\$ 197,471	
Planned Projects																				
Eastern Western & Main	\$	-	-	\$ 275,149	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,124	\$ 43,125	\$ 43,126	\$ 43,127	
Moose River	\$	-	-	-	-	-	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	\$ 18,507	
Water Filters	\$	-	-	-	-	-	-	-	\$ 163,329	\$ 163,329	\$ 163,329	\$ 163,329	\$ 163,329	\$ 163,329	\$ 163,329	\$ 163,329	\$ 163,329	\$ 163,329	\$ 163,329	
Oak Street Drainage	\$	-	-	-	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	\$ 9,228	
Gilman/Pleasant	\$	-	-	-	-	-	-	-	\$ 17,765	\$ 17,765	\$ 17,765	\$ 17,765	\$ 17,765	\$ 17,765	\$ 17,765	\$ 17,765	\$ 17,765	\$ 17,765	\$ 17,765	
Railroad Street												\$ 39,836	\$ 39,836	\$ 39,836	\$ 39,836	\$ 39,836	\$ 39,836	\$ 39,836	\$ 39,836	
Portland Street												\$ 79,672	\$ 79,672	\$ 79,672	\$ 79,672	\$ 79,672	\$ 79,672	\$ 79,672	\$ 79,672	
Future Water												\$ 65,894	\$ 65,894	\$ 65,894	\$ 65,894	\$ 65,894	\$ 65,894	\$ 65,894	\$ 65,894	
STA Reserve Fund	\$	-	\$ 117,180	\$ 93,750	\$ 95,156	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Admin/Water Fund	\$	15,565	\$ 31,717	\$ 34,300	\$ 34,815	\$ 58,400	\$ 49,007	\$ 36,580	\$ 56,302	\$ 57,147	\$ 58,004	\$ 58,874	\$ 59,757	\$ 60,653	\$ 61,563	\$ 62,486	\$ 63,424	\$ 64,375	\$ 65,341	
Total Water Fund	\$	384,418	\$ 511,753	\$ 757,671	\$ 532,031	\$ 459,412	\$ 456,483	\$ 444,284	\$ 409,637	\$ 579,717	\$ 507,426	\$ 627,805	\$ 694,582	\$ 695,478	\$ 696,388	\$ 697,312	\$ 698,250	\$ 699,202	\$ 700,169	
Administration	\$	105,040	\$ 105,050	\$ 94,500	\$ 94,500	\$ 96,858	\$ 96,858	\$ 98,295	\$ 101,890	\$ 103,418	\$ 104,970	\$ 106,544	\$ 108,142	\$ 109,764	\$ 111,411	\$ 113,082	\$ 114,778	\$ 116,500	\$ 118,248	
Water Distribution	\$	578,285	\$ 388,869	\$ 321,806	\$ 271,006	\$ 227,507	\$ 322,419	\$ 352,950	\$ 327,600	\$ 332,514	\$ 337,502	\$ 342,564	\$ 347,703	\$ 352,918	\$ 358,212	\$ 363,585	\$ 369,039	\$ 374,575	\$ 380,193	
Water Filter Plant	\$	286,571	\$ 323,355	\$ 326,282	\$ 340,186	\$ 370,013	\$ 372,173	\$ 403,989	\$ 452,190	\$ 458,973	\$ 465,857	\$ 472,845	\$ 479,938	\$ 487,137	\$ 494,444	\$ 501,861	\$ 509,389	\$ 517,030	\$ 524,785	
Total	\$	1,354,314	\$ 1,329,027	\$ 1,500,259	\$ 1,237,723	\$ 1,153,790	\$ 1,247,933	\$ 1,299,518	\$ 1,291,317	\$ 1,474,622	\$ 1,415,755	\$ 1,549,759	\$ 1,630,365	\$ 1,645,298	\$ 1,660,455	\$ 1,675,840	\$ 1,691,456	\$ 1,707,306	\$ 1,723,395	
% Increase in Expenses			-1.90%	11.41%	-21.21%	-7.27%	7.54%	3.97%	-0.64%	12.43%	-4.16%	4.94%	2.00%	0.91%	0.92%	0.92%	0.93%	0.93%		
% Increase in Rates			1.00%	0.00%	1.50%	0.00%	1.00%	1.50%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%		
Rate Revenue				\$ 1,335,041.00	\$ 1,275,000.00	\$ 1,331,326.00	\$ 1,350,000.00	\$ 1,278,750.00	\$ 1,304,325.00	\$ 1,330,411.50	\$ 1,357,019.73	\$ 1,384,160.12	\$ 1,411,843.33	\$ 1,440,080.19	\$ 1,468,881.80	\$ 1,498,259.43	\$ 1,528,224.62	\$ 1,558,789.11		
Total Revenue			1,329,027	1,280,000	1,946,908	1,279,450	1,741,433	1,454,950	1,336,550	1,362,125	1,388,212	1,414,820	1,441,960	1,469,643	1,497,880	1,526,682	1,556,059	1,586,025	1,616,589	
Surplus (Deficit)			-	(220,259)	709,185	125,660	493,500	155,432	45,233	(112,497)	(27,544)	(134,939)	(188,405)	(175,655)	(149,158)	(135,396)	(121,282)	(106,805)		
Water Fund Balance				1,959,877	2,085,537	2,579,037	2,734,470	2,779,702	2,667,205	2,639,661	2,504,722	2,316,317	2,140,662	1,978,087	1,828,930	1,693,533	1,572,252	1,465,446		
User (150 GPD)	\$	98.67	\$ 99.66	\$ 99.66	\$ 101.16	\$ 101.16	\$ 102.17	\$ 103.70	\$ 105.26	\$ 107.36	\$ 109.51	\$ 111.70	\$ 113.93	\$ 116.21	\$ 118.53	\$ 120.91	\$ 123.32	\$ 125.79	\$ 128.31	
Quarterly Increase			\$ 0.99	\$ -	\$ 1.49	\$ -	\$ 1.01	\$ 1.53	\$ 1.56	\$ 2.11	\$ 2.15	\$ 2.19	\$ 2.23	\$ 2.28	\$ 2.32	\$ 2.37	\$ 2.42	\$ 2.47	\$ 2.52	

	Total Project Cost	Grant	P	n	r	A	Total Repayment
			Loan	No Years	Interest Rate	Annual Payment	
Eastern Western Main (RF3-300)	1,690,000	-	1,690,000	30	-2.50%	\$ 37,150.02	\$ 1,114,500.75
Moose River	850,000	212,500.00	637,500.00	40	0.75%	\$ 18,506.72	\$ 740,268.98
Water Filter Plant	8,200,000	4,100,000.00	4,100,000.00	40	2.50%	\$ 163,328.56	\$ 6,533,142.24
Oak Street Drainage (WPL-255)	600,000	270,000.00	330,000.00	40	0.56%	\$ 9,227.82	\$ 369,112.91
Gilman and Pleasant (RF1-413)	2,842,370	2,131,777.82	710,592.60	40	0.00%	\$ 17,764.81	\$ 710,592.54
Railroad Street (RF3-465)	1,000,000	-	1,000,000.00	40	2.50%	\$ 39,836.23	\$ 1,593,449.33
Portland Street (RF3-464)	2,000,000	-	2,000,000.00	40	2.50%	\$ 79,672.47	\$ 3,186,898.65
Future Water	2500000	1,125,000.00	1,375,000.00	40	3.65%	\$ 65,893.72	\$ 2,635,748.98

		SEWER																		
		2015/16	2016/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	
Exist. Sewer Debt	\$	258,309	\$ 252,548	\$ 319,422	\$ 232,211	\$ 227,051	\$ 220,587	\$ 215,290	\$ 158,614	\$ 163,074	\$ 92,794	\$ 92,794	\$ 92,794	\$ 92,794	\$ 92,794	\$ 92,794	\$ 92,794	\$ 92,794	\$ 92,794	
Planned Projects																				
Eastern Western Main	\$	-	-	\$ 95,132	\$ 69,051	\$ 69,051	\$ 69,051	\$ 69,051	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	
Screw Pumps	\$	-	\$ 36,505	\$ 36,505	\$ 36,505	\$ 36,505	\$ 36,505	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	
Phase II WW	\$	-	-	\$ 78,346	\$ 141,658	\$ 141,658	\$ 141,658	\$ 141,658	\$ 141,658	\$ 141,658	\$ 141,658	\$ 141,658	\$ 141,658	\$ 141,658	\$ 141,659	\$ 141,660	\$ 141,661	\$ 141,662	\$ 141,663	
Gilman/Pleasant	\$	-	-	-	-	-	-	-	\$ 78,439	\$ 78,439	\$ 78,439	\$ 78,439	\$ 78,439	\$ 78,439	\$ 78,439	\$ 78,439	\$ 78,439	\$ 78,439	\$ 78,439	
Railroad Street												\$ 33,333	\$ 33,333	\$ 33,333	\$ 33,333	\$ 33,333	\$ 33,333	\$ 33,333	\$ 33,333	
Portland Street												\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	
WWTF Solids Handling								\$ 328,000	\$ 26,790	\$ 26,790	\$ 26,790	\$ 26,790	\$ 26,790	\$ 26,790	\$ 26,790	\$ 26,790	\$ 26,790	\$ 26,790	\$ 26,790	
STA Reserve Fund	\$	133,054	\$ 172,391	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Admin /Sewer Fund	\$	994,213	\$ 1,040,277	\$ 33,370	\$ 78,743	\$ 28,958	\$ 28,312	\$ 29,580	\$ 94,435	\$ 95,852	\$ 97,289	\$ 98,749	\$ 100,230	\$ 101,733	\$ 103,259	\$ 104,808	\$ 106,380	\$ 107,976	\$ 109,596	
Budget	\$	994,213	\$ 1,040,277	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Sewer Fund				\$ 484,429	\$ 494,853	\$ 503,456	\$ 495,966	\$ 820,317	\$ 500,505	\$ 611,610	\$ 542,768	\$ 627,561	\$ 629,042	\$ 630,545	\$ 632,072	\$ 633,622	\$ 635,195	\$ 636,792	\$ 638,413	
Administration				\$ 56,500	\$ 56,500	\$ 56,500	\$ 56,500	\$ 56,500	\$ 59,890	\$ 60,788	\$ 61,700	\$ 62,626	\$ 63,565	\$ 64,519	\$ 65,486	\$ 66,469	\$ 67,466	\$ 68,478	\$ 69,505	
Sewer Collection				\$ 100,577	\$ 92,612	\$ 150,774	\$ 154,851	\$ 204,550	\$ 173,050	\$ 175,646	\$ 178,280	\$ 180,955	\$ 183,669	\$ 186,424	\$ 189,220	\$ 192,059	\$ 194,940	\$ 197,864	\$ 200,832	
Sewer Plant				\$ 761,887	\$ 833,699	\$ 836,150	\$ 791,285	\$ 874,600	\$ 1,045,540	\$ 1,061,223	\$ 1,077,141	\$ 1,093,299	\$ 1,109,698	\$ 1,126,344	\$ 1,143,239	\$ 1,160,387	\$ 1,177,793	\$ 1,195,460	\$ 1,213,392	
Total	\$	1,385,576	\$ 1,501,721	\$ 1,403,393	\$ 1,477,664	\$ 1,546,880	\$ 1,498,602	\$ 1,955,967	\$ 1,778,985	\$ 1,909,267	\$ 1,859,890	\$ 1,964,440	\$ 1,985,974	\$ 2,007,832	\$ 2,030,018	\$ 2,052,537	\$ 2,075,394	\$ 2,098,593	\$ 2,122,141	
% Increase in Budget			7.73%	-7.01%	5.03%	4.47%	-3.22%	23.38%	-9.95%	6.82%	-2.65%	5.32%	1.08%	1.09%	1.09%	1.10%	1.10%	1.11%		
Proposed Increase			2.50%	0.00%	1.00%	0.00%	2.50%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%		
Rate Revenue			\$ 1,480,925.00	\$ 1,504,708.00	\$ 1,510,000.00	\$ 1,585,547.00	\$ 1,700,000.00	\$ 1,565,100.00	\$ 1,612,053.00	\$ 1,660,415.00	\$ 1,710,227.00	\$ 1,761,534.00	\$ 1,814,380.00	\$ 1,868,811.00	\$ 1,924,876.00	\$ 1,982,622.00	\$ 2,042,101.00	\$ 2,103,364.00		
Proposed Total Revenue			\$ 1,552,875	\$ 2,122,675	\$ 2,496,132	\$ 1,865,951	\$ 2,046,828	\$ 1,804,400	\$ 1,569,450	\$ 1,616,403	\$ 1,664,765	\$ 1,714,577	\$ 1,765,884	\$ 1,818,730	\$ 1,873,161	\$ 1,929,226	\$ 1,986,972	\$ 2,046,451	\$ 2,107,714	
Surplus (deficit)			\$ 51,154	\$ 719,282	\$ 1,018,468	\$ 319,071	\$ 86,945	\$ (255,967)	\$ (213,885)	\$ (297,214)	\$ (199,475)	\$ (254,213)	\$ (224,440)	\$ (193,452)	\$ (161,207)	\$ (127,661)				