

APPROVED NMSC 2019 BUDGET  
NEENAH-MENASHA  
SEWERAGE COMMISSION

**APPROVED  
2019 BUDGET**

Prepared - August, 2018  
Approved at a Regular Meeting on  
September 25, 2018

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**MAIN ASSUMPTION - 100% CLEAN WATER FUND BORROWING USED TO FINANCE 2012-2014 CAPITAL PROJECT**

<b>NEENAH-MENASHA SEWERAGE COMMISSION</b>									
Comparison of Actual Costs and Overall % Change Since 2014									
ASSUMPTION = 3.0% annual increases in OPERATIONS/MAINTENANCE BUDGET IN 2020-2021									
	2014	2015	2016	2017	2018	2019	2020	2021	
	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	APPROVED	estimated	estimated	
					ACTUAL	BUDGET	BUDGET	BUDGET	
Operations & Maintenance	\$3,085,515	\$3,002,482	\$2,964,501	\$2,989,698	\$2,982,205	\$3,134,924	\$3,251,523	\$3,349,069	
Replacement	\$777,999	\$778,004	\$778,005	\$777,988	\$778,000	\$778,000	\$778,000	\$778,000	
Depreciation	\$0	\$99,988	\$200,004	\$200,005	\$100,000	\$100,000	\$200,000	\$200,000	
Capital	\$1,415,642	\$1,371,145	\$1,452,244	\$1,428,005	\$1,441,919	\$1,384,816	\$1,461,917	\$1,461,917	
Interceptor Maintenance	\$0	\$0	\$0	\$14,067	\$11,329	\$41,300	T.B.D.	T.B.D.	
<b>TOTAL</b>	<b>\$5,279,156</b>	<b>\$5,251,619</b>	<b>\$5,394,754</b>	<b>\$5,409,763</b>	<b>\$5,313,453</b>	<b>\$5,439,040</b>	<b>\$5,691,440</b>	<b>\$5,788,986</b>	
	base year								
		-0.52%	2.19%	2.47%	0.65%	3.03%	7.81%	9.66%	
		1-year change	2-year change	3-year change	4-year change	5-year change	6-year change	7-year change	

**ASSUMPTIONS:**

- 3.0% yearly increases in Operations Budget in 2020
- 2019 Depreciation Funding remain at 2018 level for one additional year
- year 2016 Replacement Fund rates PROJECTED to meet Clean Water Fund requirements
- Clean Water Fund loan amount \$21,440,310 with 2.646% Blended Rate

**FUTURE PLANNING:**

- REDUCTIONS IN PHOSPHORUS DISCHARGE LIMITS ARE INCORPORATED INTO OUR NEW WPDES PERMIT. THIS WILL LEAD TO AN AS YET UNDETERMINED INCREASE IN OPERATING COSTS AND A POTENTIAL FOR ADDITIONAL CONSTRUCTION FOR TREATMENT FACILITIES TO BE ABLE TO MEET NEW PHOSPHORUS DISCHARGE LIMITS. CHEMICAL TRIAL STUDIES WERE PERFORMED TO DETERMINE IF LIMITS CAN BE ACHIEVED WITHOUT THE NEED FOR ADDITIONAL CONSTRUCTION.

**CALCULATION OF UNIT OPERATION, MAINTENANCE, REPLACEMENT & DEPRECIATION COSTS**

**NEENAH-MENASHA SEWERAGE COMMISSION**

**1st QUARTER - 2019 (Jan - Mar)**

	<u>VOLUME</u>	<u>B.O.D.</u>	<u>S.S.</u>	<u>TOTAL</u>
<b>OPERATIONAL COSTS</b>	\$761,787 (24.30%)	\$1,201,930 (38.34%)	\$1,171,208 (37.36%)	\$3,134,924
<b>EQUIPMENT REPLACEMENT FUND COSTS</b>	\$306,532 (39.40%)	\$242,736 (31.20%)	\$228,732 (29.40%)	\$778,000
<b>DEPRECIATION FUND COSTS</b>	\$22,000 (22.00%)	\$40,400 (40.40%)	\$37,600 (37.60%)	\$100,000
<b>TOTAL OPERATIONS, REPLACEMENT, &amp; DEPRECIATION COSTS</b>	\$1,090,319 27.17%	\$1,485,066 37.01%	\$1,437,540 35.82%	\$4,012,924
<b>CAPITAL (DEBT) COSTS</b>	\$303,275 (21.9%)	\$571,929 (41.3%)	\$509,612 (36.8%)	\$1,384,816
<b>TOTAL ANNUAL COSTS</b>	\$1,393,593	\$2,056,995	\$1,947,152	\$5,397,740
2019 Budgeted Loadings	3,918.708	7,445,052	6,435,552	
<b>UNIT COSTS - OPERATIONS, REPLACEMENT, &amp; DEPRECIATION</b>	<b>\$278.23</b>	<b>\$0.1995</b>	<b>\$0.2234</b>	<b>APPROVED</b>
(Based on 2019 Budget Loadings)	per MG	per lb.	per lb.	<b>O/R/D</b>

<b>UNIT COSTS - WITH CAPITAL</b>	<b>\$356.36</b>	<b>\$0.2772</b>	<b>\$0.3045</b>	<b>APPROVED</b>
	per MG	per lb.	per lb.	<b>BUDGET</b>

**NEENAH-MENASHA SEWERAGE COMMISSION  
2019 BUDGET SUMMARY - EXPENSES**

	2017 ACTUAL	2018			2018 BUDGET	2019 APPROVED BUDGET	% CHANGE
		7 MONTH ACTUAL	5 MONTH ESTIMATE	12 MONTH ESTIMATE			
<b>I - OPERATIONS</b>							
<b>SERVICES</b>							
512 - SALARIES & WAGES	\$4,240	\$2,910	\$1,890	\$4,800	\$6,600	\$5,200	-21.2%
514 - PROFESSIONAL FEES	\$1,654,931	\$1,005,432	\$713,199	\$1,718,631	\$1,706,500	\$1,773,250	3.9%
517 - SOCIAL SECURITY	\$868	\$559	\$631	\$1,190	\$1,148	\$1,094	-4.7%
520 - ADMINISTRATIVE	\$59,739	\$58,494	\$7,632	\$66,126	\$67,900	\$72,100	6.2%
521 - TELEPHONE	\$6,383	\$3,501	\$2,499	\$6,000	\$6,000	\$6,200	3.3%
522 - INSURANCE	\$77,657	\$47,214	\$31,762	\$78,976	\$81,175	\$83,000	2.2%
<b>TOTAL SERVICES</b>	<b>\$1,803,817</b>	<b>\$1,118,111</b>	<b>\$757,612</b>	<b>\$1,875,723</b>	<b>\$1,869,323</b>	<b>\$1,940,844</b>	<b>3.8%</b>
<b>UTILITIES</b>							
531 - ELECTRICITY	\$459,223	\$272,241	\$226,489	\$498,730	\$501,500	\$517,000	3.1%
532 - WATER	\$15,675	\$7,502	\$4,698	\$12,200	\$19,110	\$17,900	-6.3%
533 - STORM WATER UTILITY FEES	\$7,069	\$4,150	\$2,958	\$7,108	\$7,500	\$7,200	-4.0%
534 - NATURAL GAS	\$41,808	\$7,104	\$4,446	\$11,550	\$55,000	\$12,750	-76.8%
535 - FIRE PROTECTION FEES	\$3,857	\$2,426	\$1,809	\$4,235	\$4,000	\$4,500	12.5%
<b>TOTAL UTILITIES</b>	<b>\$527,631</b>	<b>\$293,423</b>	<b>\$240,400</b>	<b>\$533,823</b>	<b>\$587,110</b>	<b>\$559,350</b>	<b>-4.7%</b>
536 - INDUSTRIAL METERING/SAMPLING	\$2,587	\$2,448	\$1,752	\$4,200	\$6,000	\$5,000	-16.7%
<b>SLUDGE HAULING</b>							
546 - HAUL & DISPOSE	\$177,266	\$101,967	\$72,546	\$174,513	\$173,950	\$174,800	0.5%
547 - SLUDGE BUILDING	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
548 - SOIL TESTING CHARGES	\$1,344	\$0	\$1,344	\$1,344	\$1,500	\$1,500	0.0%
549 - FUEL & EQUIPMENT COSTS	\$2,332	\$579	\$1,746	\$2,325	\$3,250	\$2,500	-23.1%
<b>TOTAL SLUDGE HAULING</b>	<b>\$180,943</b>	<b>\$102,546</b>	<b>\$75,636</b>	<b>\$178,182</b>	<b>\$178,700</b>	<b>\$178,800</b>	<b>0.1%</b>
<b>TOTAL OPERATIONS</b>	<b>\$2,514,979</b>	<b>\$1,516,528</b>	<b>\$1,075,400</b>	<b>\$2,591,928</b>	<b>\$2,641,133</b>	<b>\$2,683,994</b>	<b>1.6%</b>
<b>II - CHEMICALS</b>							
551 - FERRIC CHLORIDE	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
552 - POLYMER	\$84,715	\$78,394	\$38,916	\$117,310	\$104,000	\$108,000	3.8%
553 - SODIUM BISULFITE	\$45,275	\$29,107	\$17,168	\$46,275	\$44,950	\$47,040	4.6%
554 - CHLORINE	\$0	\$22,845	\$0	\$22,845	\$0	\$14,500	100.0%
555 - SALT	\$23,032	\$14,263	\$9,252	\$23,515	\$31,675	\$24,310	-23.3%
556 - ALUMINUM (FERROUS) SULFATE	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
556.1 - POLYALUMINUM CHLORIDE	\$0	\$37,793	\$7,407	\$45,200	\$175,000	\$23,450	-86.6%
557 - MISCELLANEOUS CHEMICALS	\$150,597	\$0	\$0	\$0	\$0	\$0	0.0%
558 - IRON SPONGE	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
559 - CARBON (for methane gas)	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
<b>TOTAL CHEMICALS</b>	<b>\$303,620</b>	<b>\$182,401</b>	<b>\$72,744</b>	<b>\$255,145</b>	<b>\$355,625</b>	<b>\$217,300</b>	<b>-38.9%</b>
<b>III - REPAIRS &amp; MAINTENANCE</b>							
<b>SEWERAGE</b>							
561 - PRE-PRIMARY TREATMENT	\$35,222	\$18,855	\$8,645	\$27,500	\$35,000	\$31,000	-11.4%
562 - PRIMARY TREATMENT	\$6,222	\$2,767	\$333	\$3,100	\$8,000	\$5,100	-36.3%
563 - SECONDARY	\$12,746	\$2,965	\$2,085	\$5,050	\$15,000	\$10,000	-33.3%
564 - OUTFALL	\$28,138	\$3,731	\$2,669	\$6,400	\$12,000	\$11,000	-8.3%
565 - ODOR CONTROL BLDG	\$318	\$472	\$328	\$800	\$3,500	\$1,500	-57.1%
566 - FILTER BELT PRESS/ CENTRIFUGE	\$12,647	\$2,983	\$1,017	\$4,000	\$10,000	\$5,000	-50.0%
567 - INSTRUMENTATION	\$1,134	\$974	\$626	\$1,600	\$4,000	\$2,500	-37.5%
568 - DIGESTORS	\$34,861	\$12,827	\$5,273	\$18,100	\$45,000	\$35,000	-22.2%
569 - GRAVITY BELT THICKENERS	\$7,949	\$140	\$5,160	\$5,300	\$10,000	\$7,500	-25.0%
570 - SAMPLERS	\$2,634	\$1,221	\$879	\$2,100	\$5,000	\$4,000	-20.0%
<b>TOTAL SEWERAGE</b>	<b>\$141,871</b>	<b>\$46,935</b>	<b>\$27,015</b>	<b>\$73,950</b>	<b>\$147,500</b>	<b>\$112,600</b>	<b>-23.7%</b>

NEENAH-MENASHA SEWERAGE COMMISSION  
2019 BUDGET SUMMARY - EXPENSES

	2017 ACTUAL	2018			2018 BUDGET	2019 APPROVED BUDGET	% CHANGE
		7 MONTH ACTUAL	5 MONTH ESTIMATE	12 MONTH ESTIMATE			
<b>BUILDING &amp; GROUNDS</b>							
591 - OFFICE SUPPLIES	\$17,245	\$7,756	\$8,819	\$16,575	\$18,000	\$23,500	30.6%
592 - LABORATORY SUPPLIES	\$24,876	\$17,823	\$9,127	\$26,950	\$33,000	\$31,750	-3.8%
593 - TRANSPORTATION	\$5,774	\$4,025	\$2,875	\$6,900	\$6,750	\$7,000	3.7%
594 - ELECTRICAL SUPPLIES	\$7,945	\$3,393	\$2,432	\$5,825	\$10,000	\$7,500	-25.0%
595 - PERSONNEL SUPPLIES	\$5,458	\$5,313	\$3,087	\$8,400	\$11,800	\$10,800	-8.5%
596 - CLEANING SUPPLIES	\$3,479	\$2,278	\$1,672	\$3,950	\$5,750	\$7,250	26.1%
597 - PHYSICAL PLANT REPAIR / MAINT	\$72,517	\$57,907	\$30,373	\$88,280	\$113,325	\$119,250	5.2%
598 - HARDWARE SUPPLIES	\$1,103	\$572	\$403	\$975	\$2,000	\$1,750	-12.5%
599 - SHOP SUPPLIES	\$3,412	\$2,801	\$2,024	\$4,825	\$4,200	\$5,000	19.0%
600 - LUBRICANTS	\$2,894	\$4,508	\$3,192	\$7,700	\$4,000	\$6,500	62.5%
<b>TOTAL BUILDING &amp; GROUNDS</b>	<b>\$144,703</b>	<b>\$106,375</b>	<b>\$64,005</b>	<b>\$170,380</b>	<b>\$208,825</b>	<b>\$220,300</b>	<b>5.5%</b>

<b>TOTAL REPAIRS &amp; MAINTENANCE</b>	<b>\$286,573</b>	<b>\$153,310</b>	<b>\$91,020</b>	<b>\$244,330</b>	<b>\$356,325</b>	<b>\$332,900</b>	<b>-6.6%</b>
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<b>INTERCEPTORS</b>							
581 - CLEAN & INSPECT	\$8,292	\$6,521	\$4,808	\$11,329	\$15,200	\$3,300	-78.3%
582 - MANHOLE/PIPE REPAIRS	\$5,775	\$0	\$0	\$0	\$54,000	\$38,000	-29.6%
<b>TOTAL INTERCEPTOR REPAIR/MAINT.</b>	<b>\$14,067</b>	<b>\$6,521</b>	<b>\$4,808</b>	<b>\$11,329</b>	<b>\$69,200</b>	<b>\$41,300</b>	<b>-40.3%</b>

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<b>BUDGET SUMMARY - OPERATIONS</b>							
<b>I - OPERATIONS</b>	\$2,514,979	\$1,516,528	\$1,075,400	\$2,591,928	\$2,641,133	\$2,683,994	1.6%
<b>II - CHEMICALS</b>	\$303,620	\$182,401	\$72,744	\$255,145	\$355,625	\$217,300	-38.9%
<b>III - REPAIRS/MAINTENANCE</b>	<u>\$286,573</u>	<u>\$153,310</u>	<u>\$91,020</u>	<u>\$244,330</u>	<u>\$356,325</u>	<u>\$332,900</u>	<u>-6.6%</u>
<b>SUBTOTAL</b>	\$3,105,172	\$1,852,240	\$1,239,163	\$3,091,403	\$3,353,083	\$3,234,194	-3.5%
<b>INTERCEPTOR REPAIRS/MAINT.</b>	\$14,067	\$6,521	\$4,808	\$11,329	\$69,200	\$41,300	-40.3%
<b>5-YEAR FUNDING OF SURPLUS CASH FOR OPERATIONS</b>	\$2,000	\$0	\$0	\$0	\$0	\$0	0.0%
<b>MISC. REVENUES</b>	<u>117,473</u>	\$58,951	\$40,247	\$99,198	\$101,560	<u>\$99,270</u>	<u>-2.3%</u>
<b>OPERATING BUDGET w/INTERCEPTOR</b>	<b>\$3,003,765</b>	<b>\$1,799,810</b>	<b>\$1,203,724</b>	<b>\$3,003,534</b>	<b>\$3,320,723</b>	<b>\$3,176,224</b>	<b>-4.4%</b>

<b>BUDGET SUMMARY - TOTAL BUDGET</b>							
<b>NET OPERATING BUDGET</b>	2,989,698	1,793,289	1,198,916	2,992,205	3,251,523	\$3,134,924	-3.6%
<b>INTERCEPTOR MAINTENANCE</b>	14,067	8,329	3,000	11,329	69,200	\$41,300	-40.3%
<b>REPLACEMENT FUND</b>	777,988	453,833	324,167	778,000	778,000	\$778,000	0.0%
<b>DEPRECIATION FUND</b>	200,005	58,333	41,667	100,000	100,000	\$100,000	0.0%
<b>CAPITAL BUDGET</b>	<u>1,428,005</u>	<u>841,119</u>	<u>600,800</u>	<u>1,441,919</u>	<u>1,441,919</u>	<u>\$1,384,816</u>	<u>-4.0%</u>
<b>TOTAL EXPENDITURES</b>	<b>5,409,763</b>	<b>3,154,904</b>	<b>2,168,549</b>	<b>5,323,453</b>	<b>5,640,642</b>	<b>\$5,439,040</b>	<b>-3.6%</b>

**SUMMARY OF BUDGET EXPENSES**

	2017 ACTUAL	2018 ESTIMATE	2018 BUDGET	2019 APPROVED BUDGET	% CHANGE
<b>OPERATIONS &amp; MAINTENANCE BUDGET</b>					
The Operations & Maintenance Budget is for the day-to-day operations associated with running the Wastewater Treatment Facility.	2,989,698	2,992,205	3,251,523	\$3,134,924	-3.6%
<b>INTERCEPTOR MAINTENANCE</b>					
The Interceptor Maintenance is established to cover expenditures for the costs to televise, clean and repair the NMSC Interceptor. The costs are billed to the community based on their % of use of the Interceptor.	14,067	11,329	69,200	\$41,300	-40.3%
<b>REPLACEMENT FUND BUDGET</b>					
The Replacement Fund is established to cover expenditures for the replacement of mechanical equipment necessary to maintain the plant design capacity and performance. This fund is mandated by Federal/State Regulations.	777,988	778,000	778,000	\$778,000	0.0%
<b>DEPRECIATION FUND BUDGET</b>					
The Depreciation Fund is being established in 1997 to cover expenditures for the replacement of mechanical equipment not covered under the Replacement Fund, for the maintenance/repair of current structures that deteriorate over time, and for modifications to structures and/or equipment that will benefit the plants operating efficiency.	200,005	100,000	100,000	\$100,000	0.0%
<b>CAPITAL BUDGET</b>					
CLEAN WATER FUND - Interest	471,142	450,164	450,164	\$404,336	-10.2%
CLEAN WATER FUND - Principal	956,863	991,756	991,756	\$980,480	-1.1%
	\$1,428,005	\$1,441,920	\$1,441,920	\$1,384,816	-4.0%
	\$5,409,763	\$5,323,454	\$5,640,643	\$5,439,040	-3.6%

**SUMMARY OF BUDGET INCOME**

	2017 ACTUAL	2018 ESTIMATE	2018 BUDGET	2019 APPROVED BUDGET	% CHANGE
CITY OF NEENAH	2,278,011	2,347,154	2,366,203	2,341,839	-1.0%
CITY OF MENASHA	1,030,561	966,597	1,014,168	1,034,182	2.0%
TOWN OF NEENAH S.D. #2	65,615	38,758	58,739	63,091	7.4%
VILLAGE OF FOX CROSSING (formerly Town of Menasha)	729,736	761,858	848,090	783,092	-7.7%
HARRISON UTILITIES (formerly Waverly S.D.)	238,473	236,869	220,407	224,632	1.9%
SONOCO/U.S. MILLS	1,067,366	1,050,894	1,133,034	992,204	-12.4%
	\$5,409,763	\$5,402,130	\$5,640,641	\$5,439,040	-3.6%

APPROVED 2019 BUDGET

	2019 BUDGET SUMMARY - INCOME							% CHANGE
	2016 ACTUAL	2017 ACTUAL	8 MONTH ACTUAL	2018 4 MONTH ESTIMATE    12 MONTH ESTIMATE		2018 BUDGET	2019 APPROVED BUDGET	
<b>OPERATING BUDGET</b>	\$2,964,501	\$2,989,698	\$2,226,077	\$766,128	\$2,992,205	\$3,251,523	<b>\$3,134,924</b>	-3.6%
INTERCEPTOR MAINT.	\$0	\$14,067	\$6,521	\$4,808	\$11,329	\$69,200	<b>\$41,300</b>	-40.3%
REPLACEMENT FUND	\$778,005	\$777,988	\$518,672	\$259,328	\$778,000	\$778,000	<b>\$778,000</b>	0.0%
DEPRECIATION FUND	\$200,004	\$200,005	\$66,667	\$33,333	\$100,000	\$100,001	<b>\$100,000</b>	0.0%
CAPITAL BUDGET	\$1,452,244	\$1,428,005	\$961,281	\$480,638	\$1,441,919	\$1,441,919	<b>\$1,384,816</b>	-4.0%
<b>TOTAL INCOME</b>	\$5,394,754	\$5,409,763	\$3,779,218	\$1,544,235	\$5,323,453	\$5,640,643	<b>\$5,439,040</b>	-3.6%
<b>ESTIMATED REVENUES</b>								
<b>NEENAH:</b>								
OPERATING	\$1,290,218	\$1,254,975	\$968,144	\$333,197	\$1,301,341	\$1,370,737	<b>\$1,349,909</b>	-1.5%
REPLACEMENT	\$351,245	\$338,987	\$229,804	\$114,898	\$344,702	\$341,761	<b>\$347,804</b>	1.8%
DEPRECIATION	\$86,390	\$82,873	\$28,576	\$14,288	\$42,864	\$41,862	<b>\$42,777</b>	2.2%
CAPITAL	\$639,851	\$601,176	\$416,020	\$208,009	\$624,029	\$611,844	<b>\$601,349</b>	-1.7%
<b>TOTAL</b>	\$2,367,704	\$2,278,011	\$1,642,544	\$670,392	\$2,312,937	\$2,366,204	<b>\$2,341,839</b>	-1.0%
<b>MENASHA:</b>								
OPERATING	\$521,132	\$564,405	\$386,051	\$132,863	\$518,914	\$565,066	<b>\$575,938</b>	1.9%
INTERCEPTOR	\$0	\$5,775	\$2,377	\$4,808	\$7,185	\$39,411	<b>\$36,161</b>	-8.2%
REPLACEMENT	\$146,831	\$156,109	\$100,825	\$50,411	\$151,236	\$146,051	<b>\$152,679</b>	4.5%
DEPRECIATION	\$34,322	\$37,024	\$11,911	\$5,955	\$17,866	\$16,997	<b>\$18,000</b>	5.9%
CAPITAL	\$252,632	\$267,248	\$171,835	\$85,917	\$257,752	\$246,644	<b>\$251,404</b>	1.9%
<b>TOTAL</b>	\$954,917	\$1,030,561	\$672,998	\$279,955	\$952,953	\$1,014,169	<b>\$1,034,182</b>	2.0%
<b>TOWN NEENAH SD #2:</b>								
OPERATING	\$60,017	\$50,066	\$21,528	\$7,409	\$28,937	\$46,874	<b>\$50,113</b>	6.9%
REPLACEMENT	\$14,335	\$12,105	\$5,358	\$2,679	\$8,037	\$10,416	<b>\$11,370</b>	9.2%
DEPRECIATION	\$4,189	\$3,444	\$682	\$341	\$1,023	\$1,449	<b>\$1,608</b>	11.0%
CAPITAL	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>	0.0%
<b>TOTAL</b>	\$78,541	\$65,615	\$27,568	\$10,429	\$37,997	\$58,739	<b>\$63,091</b>	7.4%
<b>FOX CROSSING</b>								
OPERATING	\$456,290	\$397,118	\$304,985	\$104,964	\$409,948	\$478,203	<b>\$450,092</b>	-5.9%
INTERCEPTOR	\$0	\$7,066	\$3,532	\$0	\$3,532	\$25,388	<b>\$4,380</b>	-82.7%
REPLACEMENT	\$123,436	\$108,145	\$77,662	\$38,830	\$116,492	\$117,399	<b>\$114,934</b>	-2.1%
DEPRECIATION	\$31,043	\$26,403	\$9,500	\$4,750	\$14,250	\$14,580	<b>\$14,224</b>	-2.4%
CAPITAL	\$229,487	\$191,004	\$137,905	\$68,952	\$206,857	\$212,520	<b>\$199,462</b>	-6.1%
<b>TOTAL</b>	\$840,256	\$729,736	\$533,583	\$217,496	\$751,079	\$848,090	<b>\$783,092</b>	-7.7%
<b>HARRISON UTILITIES</b>								
OPERATING	\$110,972	\$130,021	\$95,271	\$32,789	\$128,060	\$125,951	<b>\$129,971</b>	3.2%
INTERCEPTOR	\$0	\$1,226	\$613	\$0	\$613	\$4,401	<b>\$760</b>	-82.7%
REPLACEMENT	\$28,755	\$33,553	\$23,222	\$11,611	\$34,833	\$29,408	<b>\$31,241</b>	6.2%
DEPRECIATION	\$7,660	\$8,916	\$2,999	\$1,499	\$4,498	\$3,882	<b>\$4,159</b>	7.1%
CAPITAL	\$56,815	\$64,758	\$43,666	\$21,833	\$65,499	\$56,764	<b>\$58,502</b>	3.1%
<b>TOTAL</b>	\$204,202	\$238,473	\$165,771	\$67,732	\$233,502	\$220,406	<b>\$224,632</b>	1.9%
<b>SONOCO/U.S. MILLS</b>								
OPERATING	\$525,872	\$593,113	\$450,099	\$154,906	\$605,005	\$664,692	<b>\$578,901</b>	-12.9%
REPLACEMENT	\$113,403	\$129,089	\$81,801	\$40,899	\$122,700	\$132,965	<b>\$119,972</b>	-9.8%
DEPRECIATION	\$36,400	\$41,345	\$12,999	\$6,499	\$19,498	\$21,231	<b>\$19,232</b>	-9.4%
CAPITAL	\$273,459	\$303,819	\$191,855	\$95,927	\$287,782	\$314,147	<b>\$274,100</b>	-12.7%
<b>TOTAL</b>	\$949,134	\$1,067,366	\$736,754	\$298,232	\$1,034,986	\$1,133,035	<b>\$992,204</b>	-12.4%
<b>TOTAL REVENUES</b>								
OPERATING	\$2,964,501	\$2,989,698	\$2,226,077	\$766,128	\$2,992,205	\$3,251,523	<b>\$3,134,924</b>	-3.6%
INTERCEPTOR	\$0	\$14,067	\$6,521	\$4,808	\$11,329	\$69,200	<b>\$41,300</b>	-40.3%
REPLACEMENT	\$778,005	\$777,988	\$518,672	\$259,328	\$778,000	\$778,000	<b>\$778,000</b>	0.0%
DEPRECIATION	\$200,004	\$200,005	\$66,667	\$33,333	\$100,000	\$100,001	<b>\$100,000</b>	0.0%
CAPITAL	\$1,452,244	\$1,428,005	\$961,281	\$480,638	\$1,441,919	\$1,441,919	<b>\$1,384,816</b>	-4.0%
<b>TOTAL</b>	\$5,394,754	\$5,409,763	\$3,779,218	\$1,544,235	\$5,323,453	\$5,640,643	<b>\$5,439,040</b>	-3.6%



**Account Nos. 512 - 549 - OPERATIONS**

**Account No. 512 - Salaries & Wages**

The wages are the estimated wages that will be paid in 2019.

**Account No 512.4 - Wages**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$4,000	
2015	\$3,736	
2016	\$3,777	
2017	\$4,240	
2018 - EST	\$4,800	
2018 - Budget	\$6,600	
2019 - EST	\$5,200	
		<u>\$5,200</u>
<u>2019 EST WAGES</u>		
Summer Helper/Student Intern	\$5,200	
		<u>\$5,200</u>

**Account No 512.5 - Overtime Wages**

<u>YEAR</u>	<u>TOTAL COST</u>	
2017	\$0	<u>\$0</u>

**TOTAL SALARIES AND WAGES (accts 512.1-512.6)** \$5,200

**Account No. 514 - Professional Fees**

**Account No. 514.1 - Attorney**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$7,525	
2015	\$12,040	
2016	\$5,640	
2017	\$3,138	
2018 - EST	\$7,200	
2018 - Budget	\$8,500	
2019 - EST	\$7,000	<u>\$7,000</u>

**Account No. 514.2 - Auditor**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$6,800	
2015	\$7,950	
2016	\$6,600	
2017	\$6,800	
2018 - EST	\$7,000	
2018 - Budget	\$7,000	
2019 - EST	\$7,100	<u>\$7,100</u>

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**Account No. 514.4 - Private Lab Fees**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$11,416	
2015	\$9,940	
2016	\$12,155	
2017	\$14,784	
2018 - EST	\$22,570	
2018 - Budget	\$14,000	
2019 - EST	\$23,000	<u><u>\$23,000</u></u>

**Account No. 514.5 - Contract Management**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$1,462,032	
2015	\$1,483,003	
2016	\$1,488,921	
2017	\$1,520,360	
2018 - EST	\$1,549,611	
2018 - Budget	\$1,560,000	
2019 - EST	\$1,588,150	<u><u>\$1,588,150</u></u>

**Account No. 514.6 - Other Consultants, Engineering Services, misc.**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$20,200	
2015	\$84,386	
2016	\$25,147	
2017	\$19,440	
2018 - EST	\$36,500	
2018 - Budget	\$25,000	
2019 - EST	\$51,000	<u><u>\$51,000</u></u>

**Account No. 514.7 - Security Services**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$93,088	
2015	\$94,257	
2016	\$90,833	
2017	\$90,408	
2018 - EST	\$95,700	
2018 - Budget	\$92,000	
2019 - EST	\$97,000	<u><u>\$97,000</u></u>

**TOTAL PROFESSIONAL FEES(accts 514.1-514.7)**

\$1,773,250

**Account No. 515 - State Pension Fund**

(based on estimated 2019 wages)

\$0

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**Account No. 516 - Unemployment Compensation**

\$0

**Account No. 517 - Social Security**

(based on 2019 estimated wages & commissioner stipend)

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$862	
2015	\$898	
2016	\$947	
2017	\$868	
2018 - EST	\$1,190	
2018 - Budget	\$1,148	
2019 - EST	\$1,094	<u>\$1,094</u>

**Account No. 519 - Health Insurance**

\$0

**Account No. 520 - Administration**

**Account No. 520.1 - Publications**

\$0

**Account No. 520.2 - Conferences/Seminars**

\$0

**Account No. 520.3 - Training/Education**

\$0

**Account No. 520.4 - Commission Meetings**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$7,250	
2015	\$8,000	
2016	\$8,600	
2017	\$7,100	
2018 - EST	\$10,700	
2018 - Budget	\$8,400	
2019 - EST	\$9,100	<u>\$9,100</u>

**Account No. 520.5 - Leases, Legal Notices, State Registrations,  
NMSC memberships, fees, Other Misc**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,670	
2015	\$3,540	
2016	\$3,720	
2017	\$3,659	
2018 - EST	\$5,000	
2018 - Budget	\$4,500	
2019 - EST	\$5,000	<u>\$5,000</u>

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**Account No. 520.6 - DNR Administrative Fees**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$57,917	
2015	\$60,383	
2016	\$58,809	
2017	\$48,980	
2018 - EST	\$50,426	
2018 - Budget	\$55,000	
2019 - EST	\$58,000	<u><u>\$58,000</u></u>

**TOTAL ADMINISTRATIVE COSTS (accts 520.1-520.6)** \$72,100

**Account No. 521 - Telephone/Cellular/Flow Recording Data Transfer**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,167	
2015	\$5,550	
2016	\$5,918	
2017	\$6,383	
2018 - EST	\$6,000	
2018 - Budget	\$6,000	
2019 - EST	\$6,200	<u><u>\$6,200</u></u>

**Account No. 522 - Insurance**

The following is a list of insurance categories and premium estimates for 2019:

**Account No. 522.1 - Life Insurance** \$0

**Account No. 522.2 - Property Insurance**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$48,462	
2015	\$50,477	
2016	\$53,719	
2017	\$52,067	
2018 - EST	\$54,555	
2018 - Budget	\$55,000	
2019 - EST	\$57,000	<u><u>\$57,000</u></u>

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**Account No. 522.3 - General Liability**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$9,012	
2015	\$8,507	
2016	\$11,318	
2017	\$13,072	
2018 - EST	\$12,930	
2018 - Budget	\$13,000	
2019 - EST	\$13,600	<u><u>\$13,600</u></u>

**Account No. 522.4 - Automobile**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$192	
2015	\$192	
2016	\$191	
2017	\$191	
2018 - EST	\$192	
2018 - Budget	\$200	
2019 - EST	\$200	<u><u>\$200</u></u>

**Account No. 522.5 - Crime**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$432	
2015	\$432	
2016	\$432	
2017	\$450	
2018 - EST	\$663	
2018 - Budget	\$450	
2019 - EST	\$675	<u><u>\$675</u></u>

**Account No. 522.6 - Boiler**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$6,000	
2015	\$6,000	
2016	\$6,000	
2017	\$6,000	
2018 - EST	\$5,000	
2018 - Budget	\$6,200	
2019 - EST	\$5,500	<u><u>\$5,500</u></u>

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**Account No. 522.7 - Worker's Compensation**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$791	
2015	\$832	
2016	\$837	
2017	\$759	
2018 - EST	\$701	
2018 - Budget	\$825	
2019 - EST	\$725	<u><u>\$725</u></u>

**Account No. 522.8 - Umbrella Liability**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,132	
2015	\$3,130	
2016	\$3,181	
2017	\$3,113	
2018 - EST	\$2,952	
2018 - Budget	\$3,400	
2019 - EST	\$3,200	<u><u>\$3,200</u></u>

**Account No. 522.9 - Public Officials**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$1,570	
2015	\$1,150	
2016	\$1,964	
2017	\$2,005	
2018 - EST	\$1,983	
2018 - Budget	\$2,100	
2019 - EST	\$2,100	<u><u>\$2,100</u></u>

**TOTAL INSURANCE (accts 522.1-522.9)** \$83,000

**Account No. 530 - UTILITIES**

**Account No 531 - Electricity**

<u>YEAR</u>	<u>TOTAL KWHr</u>	<u>COST \$/KWHr</u>	<u>TOTAL COST</u>
2014	6,355,089	\$0.082	\$519,488
2015	6,301,341	\$0.083	\$525,108
2016	5,935,534	\$0.081	\$483,582
2017	5,664,805	\$0.081	\$459,223
2018 - EST	6,222,109	\$0.080	\$498,730
2018 - Budget	5,900,000	\$0.085	\$501,500
2019 - EST	6,000,000	\$0.086	\$517,000
			<u><u>\$517,000</u></u>

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**Account No 532 - Water Usage**

<u>YEAR</u>	<u>GALLONS (1000's)</u>	<u>UNIT COST \$/1000</u>	<u>TOTAL COST</u>
2014*	3,547	\$7.657	\$27,159 *
2015*	3,382	\$7.726	\$26,128 *
2016	2,475	\$6.777	\$16,773
2017	2,299	\$6.818	\$15,675
2018 - EST	1,500	\$8.133	\$12,200
2018 - Budget	2,600	\$7.346	\$19,100
2019 - EST	2,200	\$8.136	\$17,900
			<u><u>\$17,900</u></u>

\* - Fire Protection Fees included in TOTAL COST

**Account No 533 - Storm Water Utility**

<u>YEAR</u>	<u>TOTAL COST</u>
2014	\$5,291
2015	\$5,484
2016	\$6,621
2017	\$7,069
2018 - EST	\$7,108
2018 - Budget	\$7,500
2019 - EST	\$7,200
	<u><u>\$7,200</u></u>

**Account No 534 - Natural Gas**

<u>YEAR</u>	<u>THERMS</u>	<u>UNIT COST \$/THERM</u>	<u>TOTAL COST</u>
2014	153,721	\$0.713	\$109,623
2015	103,661	\$0.552	\$57,234
2016	76,077	\$0.490	\$37,285
2017	87,417	\$0.478	\$41,808
2018 - EST	22,707	\$0.509	\$11,550
2018 - Budget	100,000	\$0.550	\$55,000
2019 - EST	25,000	\$0.510	\$12,750
			<u><u>\$12,750</u></u>

**Account No 535 - Fire Protection Fees**

<u>YEAR</u>	<u>TOTAL COST</u>
2016	\$3,857
2017	\$3,857
2018 - EST	\$4,235
2018 - Budget	\$4,000
2019 - EST	\$4,500
	<u><u>\$4,500</u></u>

**TOTAL UTILITIES (accts. 531 - 534)** \$559,350

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**Account No 536 - Industrial Metering and Sampling**

It is anticipated that charges to this account will result from out-of-pocket expenses such as outside laboratory fees, charts, and maintenance of metering and sampling stations. Other in-house expenses are included in other operating accounts such as: Contract Management, transportation, laboratory supplies, ect.

Laboratory fees, supplies and maintenance:

<u>YEAR</u>	<u>TOTAL COST</u>
2014	\$3,581
2015	\$1,936
2016	\$18,279
2017	\$2,587
2018 - EST	\$4,200
2018 - Budget	\$6,000
2019 - EST	\$5,000
	<u><u>\$5,000</u></u>

**ACCOUNT No. 545 - SLUDGE DISPOSAL**

**Account No 546 - Sludge Haul & Dispose**

<u>YEAR</u>	<u>VOLUME TONS</u>	<u>UNIT COST \$/TON</u>	<u>TOTAL COST</u>
2014	9,257	\$24.80	\$229,597
2015	6,502	\$23.48	\$152,678
2016	7,104	\$23.53	\$167,151
2017	7,336	\$24.17	\$177,266
2018 - EST	7,083	\$24.64	\$174,513
2018 - Budget	7,100	\$24.50	\$173,950
2019 - EST	7,100	\$24.62	\$174,800
			<u><u>\$174,800</u></u>

**Account No 547 - Sludge Building**

<u>YEAR</u>	<u>TOTAL COST</u>
2012 - 2016	\$0
2017	\$0
2018 - EST	\$0
2018 - Budget	\$0
2019 - EST	\$0
	<u><u>\$0</u></u>

**Account No 548 - Soil Testing Charges**

<u>YEAR</u>	<u>TOTAL COST</u>
2014	\$1,500
2015	\$1,500
2016	\$1,500
2017	\$1,344
2018 - EST	\$1,344
2018 - Budget	\$1,500
2019 - EST	\$1,500
	<u><u>\$1,500</u></u>



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**Account No 549 - Fuel & Equipment Charges**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$4,408	
2015	\$2,232	
2016	\$2,192	
2017	\$2,332	
2018 - EST	\$1,750	
2018 - Budget	\$3,250	
2019 - EST	\$2,500	<u><u>\$2,500</u></u>

**TOTAL SLUDGE DISPOSAL (Accts. 546 - 549)** \$178,800

**TOTAL OPERATIONS (Accts. 512 - 549)** \$2,683,994

**Account No. 550 - Chemicals**

**Account No 551 - Ferric Chloride**

<u>YEAR</u>	<u>WEIGHT LBS</u>	<u>UNIT COST \$/LBS</u>	<u>TOTAL COST</u>	
2014	0		\$0	* - Phosphorus removal trial study to be performed attempting to reach projected new phosphorus limits - trial period ran Feb-Aug 2016.
2015	0		\$0	
2016	690,400	\$0.090	\$61,830	
2017	0		\$0	
2018 - EST	0		\$0	
2018 - Budget	0		\$0	
2019 - EST	0		\$0	<u><u>\$0</u></u>

**Account No 552 - Polymer**

<u>YEAR</u>	<u>LBS.</u>	<u>UNIT COST \$/LB</u>	<u>COST</u>	
2014	74,690	\$1.88	\$140,417	
2015	37,400	\$1.88	\$70,312	
2016	46,200	\$1.65	\$76,444	
2017	56,253	\$1.51	\$84,715	
2018 - EST	80,300	\$1.46	\$117,310	
2018 - Budget	63,000	\$1.65	\$104,000	
2019 - EST	60,000	\$1.80	\$108,000	<u><u>\$108,000</u></u>

**Account No 553 - Sodium Bisulfite**

<u>YEAR</u>	<u>GALLONS</u>	<u>UNIT COST \$/GAL</u>	<u>COST</u>	
2014	18,395	\$2.811	\$51,700	
2015	14,410	\$2.810	\$40,492	
2016	15,192	\$2.810	\$42,690	
2017	15,886	\$2.850	\$45,275	
2018 - EST	15,957	\$2.900	\$46,275	
2018 - Budget	15,500	\$2.900	\$44,950	
2019 - EST	16,000	\$2.940	\$47,040	<u><u>\$47,040</u></u>

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**Account No 554 - Chlorine**

	<u>YEAR</u>	<u>WEIGHT (LBS)</u>	<u>UNIT COST \$/TON</u>	<u>TOTAL COST</u>
	2014	36,760	\$1.42	\$52,285
	2015	0	\$0.00	\$0
	2016	0	\$0.00	\$0
	2017	0	\$0.00	\$0
liquid	2018 - EST	16,074	\$1.42	\$22,844
liquid	2018 - Budget	0	\$0.00	\$0
liquid	2019 - EST	10,000	\$1.45	\$14,500
				<u><u>\$14,500</u></u>

**Account No 555 - Salt**

	<u>YEAR</u>	<u>TONS</u>	<u>UNIT COST \$/ton</u>	<u>TOTAL COST</u>
	2014	204	\$158.44	\$32,264
	2015	198	\$172.72	\$34,263
	2016	127	\$176.36	\$22,446
	2017	128	\$180.52	\$23,032
	2018 - EST	127	\$184.87	\$23,515
	2018 - Budget	175	\$181.00	\$31,675
	2019 - EST	130	\$187.00	\$24,310
				<u><u>\$24,310</u></u>

**Account No 556 - Aluminum Sulfate (Ferrous Sulfate)**

	<u>YEAR</u>	<u>DRY TONS</u>	<u>UNIT COST \$/dry ton</u>	<u>TOTAL COST</u>
	2014	114	\$464	\$53,016
	2015	426	\$172	\$73,024
	2016	47	\$168	\$7,929
	2017	0	\$0	\$0
	2018 - EST	0	\$0	\$0
	2018 - Budget	0	\$0	\$0
	2019 - EST	0	\$0	\$0
				<u><u>\$0</u></u>

\* - Phosphorus removal trial study to be performed attempting to reach projected new phosphorus limits

**Account No 556.1 - PolyAluminum Chloride (Hyper+lon)**

	<u>YEAR</u>	<u>DRY TONS</u>	<u>UNIT COST \$/dry ton</u>	<u>TOTAL COST</u>
	2016	116.76	\$268.00	-Hyperlon 1997 - see Misc Chemicals
	2017	456.00	\$329.21	-Hyperlon 4107 - see Misc Chemicals
	2018 - EST	138.00	\$327.54	\$45,200
	2018 - Budget	500.00	\$350.00	\$175,000
	2019 - EST	67.00	\$350.00	\$23,450
				<u><u>\$23,450</u></u>

**Account No 557 - Miscellaneous Chemicals**

<u>YEAR</u>	<u>CHEMICALS</u>	<u>TOTAL COST</u>
2014	SODIUM BICARBONATE-4000#	\$1,680
2015	Muriatic Acid	\$215
2016	Zetag, Hyper Ion 1997	\$26,369
2017	Hyper Ion 4107	\$150,597
2018 - EST		\$0
2018 - Budget		\$0
2019 - EST		\$0
		<u><u>\$0</u></u>

\* - Phosphorus removal trial study to be performed with new chemicals, trial period est to run 9/16 - 12/17 using:  
 - Hyper Ion 1997 - 45.83T  
 - Hyper Ion 4107 -est 428.03T

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Account No 558 - Iron Sponge (for Methane Gas) \$0

Account No 559 - Carbon (for Methane Gas) \$0

TOTAL CHEMICALS (Accts. 551 - 559) \$217,300

**Account No 560 - Sewerage**

This account, under the general category of Repairs and Maintenance estimates costs for maintenance which are somewhat predictable and for repairs which are usually unpredictable.

Account No 561 - Pre-Primary Treatment

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$23,470	
2015	\$24,054	
2016	\$39,552	
2017	\$35,222	
2018 - EST	\$27,500	
2018 - Budget	\$35,000	
2019 - EST	\$31,000	<u>\$31,000</u>

Account No 562 - Primary Treatment

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$20,788	
2015	\$3,227	
2016	\$6,458	
2017	\$6,222	
2018 - EST	\$3,100	
2018 - Budget	\$8,000	
2019 - EST	\$5,100	<u>\$5,100</u>

Account No 563 - Secondary Treatment

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$14,685	
2015	\$20,310	
2016	\$10,322	
2017	\$12,746	
2018 - EST	\$5,050	
2018 - Budget	\$15,000	
2019 - EST	\$10,000	<u>\$10,000</u>

Account No 563.01 - Secondary Treatment - Methane Engine \$0

TOTAL SECONDARY TREATMENT (Accts. 563.00 - 563.01) \$10,000

APPROVED 2019 BUDGET

**Account No 564 - Outfall**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$6,960	
2015	\$11,399	
2016	\$20,449	
2017	\$28,138	
2018 - EST	\$6,400	
2018 - Budget	\$12,000	
2019 - EST	\$11,000	<u><u>\$11,000</u></u>

**Account No 565 - Odor Control System**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$390	
2015	\$1,644	
2016	\$6,437	
2017	\$318	
2018 - EST	\$800	
2018 - Budget	\$3,500	
2019 - EST	\$1,500	<u><u>\$1,500</u></u>

**Account No 566 - Centrifuge (2014)**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,385	
2015	\$6,597	
2016	\$13,083	
2017	\$12,647	
2018 - EST	\$4,000	
2018 - Budget	\$10,000	
2019 - EST	\$5,000	<u><u>\$5,000</u></u>

**Account No 567 - Instrumentation**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$792	
2015	\$3,714	
2016	\$2,263	
2017	\$1,134	
2018 - EST	\$1,600	
2018 - Budget	\$4,000	
2019 - EST	\$2,500	<u><u>\$2,500</u></u>

APPROVED 2019 BUDGET

**Account No 568 - Digestors**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$50,296	
2015	\$46,056	
2016	\$37,606	
2017	\$34,861	
2018 - EST	\$18,100	
2018 - Budget	\$45,000	
2019 - EST	\$35,000	<u>\$35,000</u>

**Account No 569 - Gravity Belt Thickeners**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$6,073	
2015	\$7,796	
2016	\$610	
2017	\$7,949	
2018 - EST	\$5,300	
2018 - Budget	\$10,000	
2019 - EST	\$7,500	<u>\$7,500</u>

**Account No 570 - Samplers**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$1,795	
2015	\$6,018	
2016	\$3,672	
2017	\$2,634	
2018 - EST	\$2,100	
2018 - Budget	\$5,000	
2019 - EST	\$4,000	<u>\$4,000</u>

**TOTAL SEWERAGE (Accts. 561 - 570)**

\$112,600

**Account Nos. 590 - 600 - Building & Grounds**

**Account No. 591 - Office Supplies**

**Account No. 591.1 - General Supplies**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,176	
2015	\$2,537	
2016	\$1,962	
2017	\$3,616	
2018 - EST	\$2,600	
2018 - Budget	\$3,000	
2019 - EST	\$2,500	<u>\$2,500</u>

APPROVED 2019 BUDGET

**Account No 591.2 - Office Equipment Maintenance/Agreements**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$9,958	
2015	\$9,060	
2016	\$17,363	
2017	\$13,039	
2018 - EST	\$12,225	
2018 - Budget	\$18,000	
2019 - EST	\$18,000	<u><u>\$18,000</u></u>

**Account No 591.3 - Computer Supplies**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$5,691	
2015	\$5,127	
2016	\$3,125	
2017	\$590	
2018 - EST	\$1,750	
2018 - Budget	\$2,500	
2019 - EST	\$2,500	<u><u>\$2,500</u></u>

**Account No 591.4 - Copier Supplies**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$767	
2015	\$295	
2016	\$0	
2017	\$0	
2018 - EST	\$125	
2018 - Budget	\$500	
2019 - EST	\$500	<u><u>\$500</u></u>

**TOTAL OFFICE SUPPLIES (accts 591.1-591.4)** \$23,500

**Account No 592 - Laboratory Supplies**

**Account No 592.1 - Chemicals**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$6,492	
2015	\$6,951	
2016	\$9,328	
2017	\$10,009	
2018 - EST	\$9,725	
2018 - Budget	\$10,000	
2019 - EST	\$11,000	<u><u>\$11,000</u></u>

APPROVED 2019 BUDGET

**Account No 592.2 - Plastic/Glassware**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$606	
2015	\$498	
2016	\$971	
2017	\$1,286	
2018 - EST	\$1,200	
2018 - Budget	\$2,500	
2019 - EST	\$1,750	<u><u>\$1,750</u></u>

**Account No 592.3 - Filter Papers**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$6,136	
2015	\$5,197	
2016	\$5,831	
2017	\$5,115	
2018 - EST	\$4,400	
2018 - Budget	\$7,500	
2019 - EST	\$6,000	<u><u>\$6,000</u></u>

**Account No 592.4 - Minor Instruments**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$10,160	
2015	\$7,159	
2016	\$4,169	
2017	\$5,944	
2018 - EST	\$10,750	
2018 - Budget	\$7,000	
2019 - EST	\$7,000	<u><u>\$7,000</u></u>

**Account No 592.5 - Thermometers/Recertification, Other Misc**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,366	
2015	\$7,787	
2016	\$5,414	
2017	\$2,522	
2018 - EST	\$875	
2018 - Budget	\$6,000	
2019 - EST	\$6,000	<u><u>\$6,000</u></u>

**TOTAL LABORATORY SUPPLIES (accts 592.1-592.5)**

\$31,750

**Account No. 593 - Transportation**

**Account No. 593.1 - Truck Lease**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$7,042	
2015	\$6,733	
2016	\$6,069	
2017	\$5,774	
2018 - EST	\$6,900	
2018 - Budget	\$6,750	
2019 - EST	\$7,000	<u><u>\$7,000</u></u>

**Account No. 593.2 - Truck Repairs**

\$0

**Account No. 593.3 - Gas Mileage Reimb**

\$0

**TOTAL TRANSPORTATION (accts 593.1-593.3)**

\$7,000

**Account No. 594 - Electrical Supplies**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$6,043	
2015	\$5,280	
2016	\$10,403	
2017	\$7,945	
2018 - EST	\$5,825	
2018 - Budget	\$10,000	
2019 - EST	\$7,500	<u><u>\$7,500</u></u>

**Account No 595 - Personnel Supplies**

**Account No 595.1 - Office - Internet Services, Bottled Water, Misc.**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$1,318	
2015	\$1,998	
2016	\$1,590	
2017	\$1,351	
2018 - EST	\$1,500	
2018 - Budget	\$1,800	
2019 - EST	\$1,800	<u><u>\$1,800</u></u>



APPROVED 2019 BUDGET

**Account No 595.2 - Plant - Personnel/Safety Supplies**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,260	
2015	\$5,372	
2016	\$5,723	
2017	\$4,107	
2018 - EST	\$6,900	
2018 - Budget	\$10,000	
2019 - EST	\$9,000	<u><u>\$9,000</u></u>

**TOTAL PERSONNEL SUPPLIES (accts 595.1-595.2)** \$10,800

**Account No 596 - Cleaning Supplies**

**Account No 596.1 - Office Cleaning**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$2,111	
2015	\$0	
2016	\$0	
2017	\$0	
2018 - EST	\$0	
2018 - Budget	\$0	
2019 - EST	\$2,000	<u><u>\$2,000</u></u>

**Account No 596.2 - Towel/Rug Service**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$2,037	
2015	\$2,161	
2016	\$2,523	
2017	\$2,806	
2018 - EST	\$2,850	
2018 - Budget	\$3,050	
2019 - EST	\$3,000	<u><u>\$3,000</u></u>

**Account No 596.3 - Cleaning Supplies, Hand Towels, Other Misc**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,890	
2015	\$2,331	
2016	\$3,364	
2017	\$673	
2018 - EST	\$1,100	
2018 - Budget	\$2,700	
2019 - EST	\$2,250	<u><u>\$2,250</u></u>

**TOTAL CLEANING SUPPLIES (accts 596.1-596.3)** \$7,250

APPROVED 2019 BUDGET

**Account No 597 - Physical Plant Repairs/Maintenance**

**Account No 597.1 - Lawn Maintenance**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$4,278	
2015	\$5,230	
2016	\$8,834	
2017	\$6,602	
2018 - EST	\$4,300	
2018 - Budget	\$7,500	
2019 - EST	\$5,000	<u><u>\$5,000</u></u>

**Account No 597.2 - Snow Removal**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$5,493	
2015	\$3,952	
2016	\$3,996	
2017	\$8,035	
2018 - EST	\$5,000	
2018 - Budget	\$5,000	
2019 - EST	\$5,000	<u><u>\$5,000</u></u>

**Account No 597.3 - Building Repairs, Refuse Collection, Other Misc**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$44,942	
2015	\$65,685	
2016	\$57,033	
2017	\$57,880	
2018 - EST	\$22,800	
2018 - Budget	\$34,275	
2019 - EST	\$39,000	<u><u>\$39,000</u></u>

**Account No 597.4 - Facility Painting**

<u>YEAR</u>	<u>TOTAL COST</u>	
2016	\$0 * included in acct 597.3	
2017	\$0 * included in acct 597.3	
2018 - EST	\$20,000	
2018 - Budget	\$30,000	
2019 - EST	\$36,000	<u><u>\$36,000</u></u>

**Account No 597.5 - Facility Maintenance Agreements**

<u>YEAR</u>	<u>TOTAL COST</u>	
2017	\$0 * included in other various accounts	
2018 - EST	\$36,180	
2018 - Budget	\$36,550	
2019 - EST	\$34,250	<u><u>\$34,250</u></u>

Atlas Copco \$11250  
Atlas Copco agreement starts in 2019/2020

**TOTAL PHYSICAL PLANT REPAIRS(accts 597.1-597.5)** \$119,250

APPROVED 2019 BUDGET

**Account No 598 - Hardware Supplies**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$1,801	
2015	\$1,822	
2016	\$1,613	
2017	\$1,103	
2018 - EST	\$975	
2018 - Budget	\$2,000	
2019 - EST	\$1,750	<u><u>\$1,750</u></u>

**Account No 599 - Shop Supplies**

**Account No 599.1 - Tools**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$1,630	
2015	\$2,188	
2016	\$2,142	
2017	\$1,280	
2018 - EST	\$3,600	
2018 - Budget	\$2,200	
2019 - EST	\$3,000	<u><u>\$3,000</u></u>

**Account No 599.2 - Other Misc. Non-Tool Items**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$1,270	
2015	\$1,562	
2016	\$1,736	
2017	\$2,132	
2018 - EST	\$1,225	
2018 - Budget	\$2,000	
2019 - EST	\$2,000	<u><u>\$2,000</u></u>

**TOTAL SHOP SUPPLIES(accts 599.1-599.2)** \$5,000

**Account No 600 - Lubricants**

<u>YEAR</u>	<u>TOTAL COST</u>	
2014	\$3,479	
2015	\$2,998	
2016	\$4,865	
2017	\$2,894	
2018 - EST	\$7,700	
2018 - Budget	\$4,000	
2019 - EST	\$6,500	<u><u>\$6,500</u></u>

**TOTAL BUILDINGS & GROUNDS (ACCTS 591 - 600)** \$220,300

**2019 ESTIMATED INTERCEPTOR MAINTENANCE**

**Account No. 480 - Interceptor Maintenance**

<u>YEAR</u>	<u>TOTAL COST</u>	<u>Menasha</u>	<u>Fox Crossing</u>	<u>Harrison Utilities</u>
2017	\$14,067	\$5,775	\$7,066	\$1,226
2018 - EST	\$11,329	\$7,184	\$3,532	\$613
2018 - Budget	\$15,200	\$10,875	\$3,686	\$636
<b>2019 - EST</b>	<b>\$3,300</b>	\$3,300	\$0	\$0

**Account No. 481 - Interceptor Repairs/Engineering**

<u>YEAR</u>	<u>TOTAL COST</u>	<u>Menasha</u>	<u>Fox Crossing</u>	<u>Harrison Utilities</u>
2017	\$0	\$0	\$0	\$0
2018 - EST	\$0	\$0	\$0	\$0
2018 - Budget	\$54,000	\$28,536	\$21,702	\$3,762
<b>2019 - EST</b>	<b>\$38,000</b>	\$32,861	\$4,380	\$760

**LISTED BELOW ARE LOCATIONS OF THE NMSC INTERCEPTOR AND % OF RESPONSIBILITY TOWARD THE MAINTENANCE AND REPAIR OF THE INTERCEPTOR AS AGREED UPON BY THE COMMUNITIES SERVED BY THE INTERCEPTOR**

**GARFIELD AVENUE INTERCEPTOR**

(from Menasha Water Plant/Broad St to NMSC Plant)

		<u>Menasha</u> 100%	<u>Fox Crossing</u> 0%	<u>Harrison</u> 0%
TELEVISIONING	\$1,500	\$1,500	\$0	\$0
CLEANING	\$1,800	\$1,800	\$0	\$0
ENGINEERING	\$3,000	\$3,000	\$0	\$0
REPAIRS	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$6,300</b>	\$6,300	\$0	\$0

**LAKESHORE INTERCEPTOR**

(from 9th St/Emily St to Lock St/Broad St)

		<u>Menasha</u> 100%	<u>Fox Crossing</u> 0%	<u>Harrison</u> 0%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$4,000	\$4,000	\$0	\$0
REPAIRS	\$20,000	\$20,000	\$0	\$0
<b>TOTAL</b>	<b>\$24,000</b>	\$24,000	\$0	\$0

**WATER STREET INTERCEPTOR**

		Menasha 100%	Fox Crossing 0%	Harrison 0%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$0	\$0	\$0	\$0
REPAIRS	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**TAYCO STREET INTERCEPTOR**

(from 6th St to Lock St/Broad St)

		Menasha 51.20%	Fox Crossing 41.59%	Harrison 7.21%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$2,500	\$1,280	\$1,040	\$180
REPAIRS	\$3,500	\$1,792	\$1,456	\$252
<b>TOTAL</b>	<b>\$6,000</b>	<b>\$3,072</b>	<b>\$2,495</b>	<b>\$433</b>

**MATHEWSON STREET INTERCEPTOR**

(from Lock St/Broad St to NMSC Plant)

		Menasha 55.77%	Fox Crossing 37.69%	Harrison 6.54%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$1,500	\$837	\$565	\$98
REPAIRS	\$3,500	\$1,952	\$1,319	\$229
<b>TOTAL</b>	<b>\$5,000</b>	<b>\$2,789</b>	<b>\$1,885</b>	<b>\$327</b>

**TAYCO STREET INTERCEPTOR**

(from Airport Rd to 6th St)

		Menasha 0%	Fox Crossing 85.23%	Harrison 14.77%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$0	\$0	\$0	\$0
REPAIRS	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**2019 ESTIMATED MISCELLANEOUS OPERATING REVENUES**

**Account No. 408.0 - AP Discounts Taken**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2014	\$30	
2015	\$47	
2016	\$17	
2017	\$52	
2018 - EST	\$20	
2018 - Budget	\$40	
2019 - EST	\$25	
		<u><u>\$25</u></u>

**Account No. 409.0 - MCO Income Sharing**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2014	\$50,813	
2015	\$34,581	
2016	\$25,326	
2017	\$30,176	
2018 - EST	\$31,800	
2018 - Budget	\$30,000	
2019 - EST	\$31,000	
		<u><u>\$31,000</u></u>

**Account No. 410.0 - High Strength Waste Income**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
INACTIVE	\$0	
		<u><u>\$0</u></u>

**Account No. 411.0 - Miscellaneous Operating Income**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2014	\$28,041	
2015	\$6,908	
2016	\$9,246	
2017	\$253	
2018 - EST	\$3,000	
2018 - Budget	\$2,500	
2019 - EST	\$2,000	
		<u><u>\$2,000</u></u>

**Account No. 412.0 - Industrial Metering Testing Reimbursement Income**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2013	\$4,734	
2014	\$3,644	
2015	\$3,018	
2016	\$2,679	
2017	\$3,495	
2018 - EST	\$2,300	
2018 - Budget	\$2,750	
2019 - EST	\$2,750	
		<u><u>\$2,750</u></u>

APPROVED 2019 BUDGET

**Account No. 413.0 - Pretreatment Administrative Fees Income**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2014	\$5,175	
2015	\$5,175	
2016	\$4,725	
2017	\$4,725	
2018 - EST	\$4,725	
2018 - Budget	\$4,200	
2019 - EST	\$4,725	
		<u><u>\$4,725</u></u>

**Account No. 414.0 - Pretreatment Permit Fee Income**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2014	\$11,450	
2015	\$3,700	
2016	\$400	
2017	\$21,600	
2018 - EST	\$300	
2018 - Budget	\$5,000	
2019 - EST	\$1,500	
		<u><u>\$1,500</u></u>

**Account No. 415.0 - WPPI Green Power Income**

\$0

**Account No. 416.0 - WPPI Standby Service Income**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2014	\$56,055	
2015	\$57,242	
2016	\$57,168	
2017	\$57,072	
2018 - EST	\$57,168	
2018 - Budget	\$57,000	
2019 - EST	\$57,120	
		<u><u>\$57,120</u></u>

**Account No. 419.1 - O & M Interest Income**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2014	\$1,096	
2015	\$74	
2016	\$97	
2017	\$99	
2018 - EST	\$185	
2018 - Budget	\$70	
2019 - EST	\$150	
		<u><u>\$150</u></u>

**TOTAL ESTIMATED 2019 MISCELLANEOUS REVENUES**

\$99,270

**2019 EQUIPMENT REPLACEMENT FUND**

YEAR	\$'s RECEIVED FROM USERS	CUMULATIVE TOTAL + CURRENT YEAR RECEIPTS	INTEREST EARNED ON CUMULATIVE	TOTAL CUMULATIVE + INTEREST	PAYMENTS MADE FROM FUND	YEAR-END FUND BALANCE
2011	\$302,397	\$680,303	\$1,914	\$682,217	\$126,373	\$555,844
2012	\$302,401	\$858,245	\$1,727	\$859,972	-\$14,392	\$874,364
2013	\$302,398	\$1,176,762	\$2,451	\$1,179,213	\$356,102	\$823,111
2014	\$777,999	\$1,601,110	\$4,294	\$1,605,404	\$22,396	\$1,583,008
2015	\$778,004	\$2,361,012	\$6,026	\$2,367,037	\$49,324	\$2,317,713
2016	\$778,005	\$3,095,718	\$24,004	\$3,119,722	\$85,624	\$3,034,098
2017	\$777,988	\$3,812,086	\$40,359	\$3,852,445	\$35,479	\$3,816,966
2018	\$778,000 -est	\$4,594,966 -est	\$57,168 -est	\$4,652,134 -est	\$617,000 -est	\$4,035,134 -est
2019	\$800,000 -est	\$4,835,134 -est	\$70,000 -est	\$4,905,134 -est	\$163,000 -est	\$4,742,134 -est
2020	\$800,000 -est	\$5,542,134 -est	\$75,000 -est	\$5,617,134 -est	\$38,500 -est	\$5,578,634 -est
2021	\$800,000 -est	\$6,378,634 -est	\$75,000 -est	\$6,453,634 -est	\$35,000 -est	\$6,418,634 -est
2022	\$800,000 -est	\$7,218,634 -est	\$75,000 -est	\$7,293,634 -est	\$35,000 -est	\$7,258,634 -est

The Replacement Fund was established in 1987 to cover expenditures for replacement of mechanical equipment, accessories, and appertenances necessary to maintain the plant design capacity and performance for the life of the treatment works (20 years).

The EQUIPMENT REPLACEMENT FUND is mandated by Federal/State regulations.

In 2013, work was completed on reviewing and revising the User Charge System to accommodate the inclusion of additional equipment and buildings in the plant update. In addition, equipment items originally in the Depreciation fund were transferred to the Replacement Fund and non-equipment items were transferred to the Depreciation Fund.

Wis. Adm. Code NR 162.003(61) defines "Replacement" as: "obtaining and installing equipment, accessories or appurtenances that are necessary during the useful life of the treatment works or structural urban best management practice (BMP) to maintain the capacity and performance for which the treatment works or structural urban BMP were designed and constructed." The NMSC uses an itemized schedule list of equipment to determine an amount to be deposited into the Equipment Replacement Fund.

**2018 - BUDGETED REPLACEMENT FUND PROJECTS:**

- Office Copier	\$9,500
- Rebuild RAS Pumps (3 of 6)	\$60,000
- Centrifuge Feed Pumps - rebuild	\$15,000
- Centrifuge Polymer System	\$500,000
- Chlorine Contact Gate Operators	\$12,000
- Gravity Belt Thickener Tensioning Arms	\$18,000
- Gravity Belth Thickener - Rebuild Pumps	\$12,000
- Compactor - Exchange for rebuilt unit	\$14,000
- WEMCO Grit Pumps - Rebuild	\$10,000
- Office Computer Server Upgrade	\$6,000
-	
- Unknown/misc or unplanned replacements	\$35,000
	<u>\$691,500</u>

**ACTUAL & ESTIMATED REPLACEMENT FUND PROJECTS TO BE COMPLETED IN 2018**

- Office Copier - Move to 2019	\$0
- Rebuild RAS Pumps - Move to 2019	\$0
- Centrifuge Feed Pumps - rebuild 3 of 4	\$15,000
- Centrifuge Polymer System	\$500,000
- Chlorine Contact Gate Operators	\$12,000
- Gravity Belt Thickener -replace yokes	\$18,000
- Gravity Belth Thickener - Rebuild 4 Pumps	\$12,000
- Compactor - Exchange for rebuilt unit	\$14,000
- WEMCO Grit Pumps - Spare Parts	\$5,000
- Office Computer Server Upgrade	\$6,000
- Rebuild Centrifuges	
- Unknown/misc or unplanned replacements	\$35,000
	<u>\$617,000</u>

**2019- ESTIMATED REPLACEMENT FUND PROJECTS:**

- JWC South Grinder	\$16,500
- Reuse Pump - spare parts	\$6,500
- Omnisite (replaces back-up alarm dialer)	\$3,500
- Fine Screen Influent Gate Repair	\$12,000
- Waste Gas Flare Pilot Flame Controls	\$13,000
- Office Copier	\$9,500
- Rebuild RAS Pumps (2 of 6)	\$45,000
- Rebuild Effluent Pumps (2)	\$22,000
- Unknown/misc or unplanned replacements	\$35,000
	<u>\$163,000</u>

**2020 - ESTIMATED REPLACEMENT FUND PROJECTS:**

- Replace Grundfos Chlorine Pumps	t.b.d.
- Replace HACH Aeration D.O. Probes	t.b.d.
- Replace Plant VFD's (partial)	t.b.d.
- JWC Washer/Compactor Rebuild	t.b.d.
- Rebuild Draft Tube Mixer	\$3,500
- Unknown/misc or unplanned replacements	\$35,000
	<u>\$38,500</u>

**2021 - ESTIMATED REPLACEMENT FUND PROJECTS:**

- Unknown/misc or unplanned replacements	\$35,000
	<u>\$35,000</u>

**2022 - ESTIMATED REPLACEMENT FUND PROJECTS:**

- Unknown/misc or unplanned replacements	\$35,000
	<u>\$35,000</u>



APPROVED 2019 BUDGET  
2019 DEPRECIATION FUND

YEAR	\$'s RECEIVED FROM USERS	CUMULATIVE TOTAL + CURRENT YEAR RECEIPTS	INTEREST EARNED ON CUMULATIVE	TOTAL CUMULATIVE + INTEREST	PAYMENTS MADE FROM FUND	INTERNAL BORROWING MADE FROM FUND	YEAR-END FUND BALANCE
2011	\$223,206	\$839,277	\$4,484	\$843,761	\$15,200	\$97,448 (repayed)	\$926,009
2012	\$0	\$926,009	\$2,574	\$928,583	\$40,107	(\$110,000)	\$778,476
2013	\$0	\$778,476	\$2,142	\$780,618	\$27,646	(\$117,000)	\$635,973
2014	\$0	\$635,973	\$2,137	\$638,110	\$79,355	(\$31,095)	\$527,660
2015	\$99,988	\$627,648	\$1,516	\$629,164	\$264,869		\$364,295
2016	\$200,004	\$564,299	\$1,778	\$566,077	\$178,154		\$387,923
2017	\$200,005	\$587,928	\$2,169	\$590,097	\$135,675		\$454,422 - est
2018	\$100,000 -est	\$554,422 -est	\$4,600 -est	\$559,022 -est	\$130,800 -est*	\$258,095 (repayed)	\$686,317 - est
2019	\$100,000 -est	\$786,317 -est	\$5,000 -est	\$791,317 -est	\$58,500 -est*		\$732,817 - est
2020	\$200,000 -est	\$932,817 -est	\$6,000 -est	\$938,817 -est	\$37,000 -est*		\$901,817 - est
2021	\$200,000 -est	\$1,101,817 -est	\$8,000 -est	\$1,109,817 -est	\$25,000 -est*		\$1,084,817 - est
2022	\$200,000 -est	\$1,284,817 -est	\$8,000 -est	\$1,292,817 -est	\$25,000 -est*		\$1,267,817 - est

The Depreciation Fund was established in 1997 to cover expenditures for the replacement of mechanical equipment not covered under the Replacement Fund; for the maintenance and/or repair of current structures that deteriorate over time; and for the modifications to structures and/or equipment that will benefit the wastewater treatment plants operating efficiency.

In 2013, work was completed on reviewing and revising the User Charge System to accommodate the inclusion of additional equipment and buildings in the plant update. In addition, equipment items originally in the Depreciation fund were transferred to the Replacement Fund and non-equipment items were transferred to the Depreciation Fund.

\*- **2018 BUDGETED DEPRECIATION FUND PROJECT/ITEMS:**

- Rebuild draft mixer tube (2)	\$14,000
- Connect Truck Bays to Odor Control	\$30,000
- Pump Base Repair - Final Effluent Pump	\$7,000
- Seal Asphalt	\$9,000
- Unknown or unplanned for items	\$25,000
	<u>\$85,000</u>

- **2019 ESTIMATED DEPRECIATION FUND PROJECT/ITEMS:**

- Pump Base Repair - Final Effluent Pump (2)	\$8,000
- Rebuild draft mixer tube (1)	\$4,000
- LED Lighting	\$6,500
- Replace Boiler 1, 2, 3, Upper Fireboxes	\$15,000
-	
- Unknown or unplanned for items	\$25,000
	<u>\$58,500</u>

- **2021 ESTIMATED DEPRECIATION FUND PROJECT/ITEMS:**

- Unknown or unplanned for items	\$25,000
	<u>\$25,000</u>

**ACTUAL & ESTIMATED DEPRECIATION FUND ITEMS TO BE COMPLETED IN 2018:**

- Draft mixer tube - Move to 2019/2020	\$0
- Connect Truck Bays to Odor Control	\$0
- Pump Base Repair - Move to 2019	\$0
- Seal Asphalt	\$5,585
- LED Lamps	\$5,195
- House Purchase - 203 Mathewson	\$95,000
- Lab floor replaced	\$16,473
- Additional unplanned items	\$8,547
	<u>\$130,800</u>

- **2020 ESTIMATED DEPRECIATION FUND PROJECT/ITEMS:**

- Rebuild draft mixer tube (1)	\$4,000
- Building Roof Repairs	t.b.d.
- Lab HVAC - Replace Condenser	\$8,000
- Unknown or unplanned for items	\$25,000
	<u>\$37,000</u>

- **2022 ESTIMATED DEPRECIATION FUND PROJECT/ITEMS:**

- Unknown or unplanned for items	\$25,000
	<u>\$25,000</u>

**CAPITAL PROJECTS**

The 2019 capital projects budget will consist of the following items:

**CLEAN WATER FUND PAYMENT for 2019:**

INTEREST payments: Total of 5/1/19 & 11/1/19	\$433,532	
LESS: 2-months of 5/1/2019 payment (collected in 2018)	(\$74,488)	
ADD: 2-months of 5/1/2020 Interest Payment	\$70,023	
1X ADJUSTMENT - Prior to 2019, CWF Interest calculation was based on estimated final loan amount. Adjustment is to return excess funds on hand.	(\$24,731)	
	Net Interest to Collect	\$404,336
- - - - -		
PRINCIPAL due 5/1/2019	\$1,012,492	
LESS: 8-months of 5/1/2019 payment (collected in 2018)	(\$674,995)	
ADD: 8-months of 5/1/2020 Principal Payment	\$692,855	
1X ADJUSTMENT - Prior to 2019, CWF Principal calculation was based on estimated final loan amount. Adjustment is to return excess funds on hand	(\$49,872)	
	Net Principal to Collect	\$980,480

**The total Capital Project Budget for 2019 will be: \$1,384,816**

<b>2020:</b>	<b><u>PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN</u></b>	
	INTEREST	\$401,804
	PRINCIPAL	\$1,060,114
	NET TO USERS	\$1,461,917
	<b>ESTIMATED 2020 CAPITAL</b>	<b>\$1,461,917</b>

**ESTIMATED FUTURE CAPITAL EXPENDITURES:**

**2021:**

**PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN**

INTEREST	\$373,819	
PRINCIPAL	\$1,088,098	
		<hr/>
NET TO USERS	\$1,461,917	
<b>ESTIMATED 2021 CAPITAL</b>		<b>\$1,461,917</b>

**2022:**

**PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN**

INTEREST	\$345,094	
PRINCIPAL	\$1,116,823	
		<hr/>
NET TO USERS	\$1,461,917	
<b>ESTIMATED 2022 CAPITAL</b>		<b>\$1,461,917</b>

**2023:**

**PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN**

INTEREST	\$315,609	
PRINCIPAL	\$1,146,308	
		<hr/>
NET TO USERS	\$1,461,917	
<b>ESTIMATED 2023 CAPITAL</b>		<b>\$1,461,917</b>

**2024:**

**PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN**

INTEREST	\$285,344	
PRINCIPAL	\$1,176,574	
		<hr/>
NET TO USERS	\$1,461,917	
<b>ESTIMATED 2024 CAPITAL</b>		<b>\$1,461,917</b>

APPROVED 2019 BUDGET

**ESTIMATED 2019 REVENUES BY INDIVIDUAL USERS**

(Based on 3-year average loadings from August 2015 - July 2018)

**CITY OF NEENAH:**

EST 2019 LOADINGS

FLOW	2,013.900 MG
BOD	2,881,332 LBS
SS	2,710,308 LBS

O & M - CHARGES

FLOW	\$391,497
BOD	\$465,162
SS	<u>\$493,250</u>

TOTAL-O & M \$1,349,909

REPLACEMENT FUND

FLOW	\$157,533
BOD	\$93,942
SS	<u>\$96,330</u>

TOTAL-REPLACEMENT \$347,804

DEPRECIATION FUND

FLOW	\$11,306
BOD	\$15,635
SS	<u>\$15,835</u>

TOTAL-DEPRECIATION \$42,777

CAPITAL CHARGES

FLOW	\$157,339
BOD	\$224,100
SS	<u>\$219,909</u>

TOTAL-CAPITAL \$601,349

**TOTAL NEENAH CHARGES \$2,341,839**

**ESTIMATED 2019 REVENUES BY INDIVIDUAL USERS**

(Based on 3-year average loadings from August 2015 - July 2018)

**CITY OF MENASHA:**EST 2019 LOADINGS

FLOW	984.588 MG
BOD	524,208 LBS
SS	1,647,936 LBS

O & M - CHARGES

FLOW	\$191,401
BOD	\$84,628
SS	<u>\$299,908</u>

TOTAL-O & M	\$575,938
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INTERCEPTOR MAINTENANCE

\$36,161
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REPLACEMENT CHARGES

FLOW	\$77,017
BOD	\$17,091
SS	<u>\$58,571</u>

TOTAL-REPLACEMENT	\$152,679
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DEPRECIATION CHARGES

FLOW	\$5,528
BOD	\$2,845
SS	<u>\$9,628</u>

TOTAL-DEPRECIATION	\$18,000
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CAPITAL CHARGES

FLOW	\$76,923
BOD	\$40,771
SS	<u>\$133,710</u>

TOTAL-CAPITAL	\$251,404
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**TOTAL MENASHA CHARGES****\$1,034,182**

**ESTIMATED 2019 REVENUES BY INDIVIDUAL USERS**

(Based on 3-year average loadings from August 2015 - July 2018)

**TOWN OF NEENAH S.D. 2**

EST 2019 LOADINGS

FLOW	36.876 MG
BOD	91,560 LBS
SS	154,752 LBS

O & M - CHARGES

FLOW	\$7,169
BOD	\$14,781
SS	<u>\$28,163</u>

TOTAL-O & M \$50,113

REPLACEMENT CHARGES

FLOW	\$2,885
BOD	\$2,985
SS	<u>\$5,500</u>

TOTAL-REPLACEMENT \$11,370

DEPRECIATION CHARGES

FLOW	\$207
BOD	\$497
SS	<u>\$904</u>

TOTAL-DEPRECIATION \$1,608

CAPITAL CHARGES

FLOW	\$0
BOD	\$0
SS	<u>\$0</u>

TOTAL-CAPITAL \$0

**TOTAL TOWN NEENAH CHARGES \$63,091**

APPROVED 2019 BUDGET

**ESTIMATED 2019 REVENUES BY INDIVIDUAL USERS**

(Based on 3-year average loadings from August 2015 - July 2018)

**VILLAGE OF FOX CROSSING** (formerly Town of Menasha)

EST 2019 LOADINGS

FLOW	651.420 MG
BOD	751,392 LBS
SS	1,110,792 LBS

O & M - CHARGES

FLOW	\$126,634
BOD	\$121,305
SS	<u>\$202,153</u>

TOTAL-O & M \$450,092

INTERCEPTOR MAINTENANCE \$4,380

REPLACEMENT CHARGES

FLOW	\$50,956
BOD	\$24,498
SS	<u>\$39,480</u>

TOTAL-REPLACEMENT \$114,934

DEPRECIATION CHARGES

FLOW	\$3,657
BOD	\$4,077
SS	<u>\$6,490</u>

TOTAL-DEPRECIATION \$14,224

CAPITAL CHARGES

FLOW	\$50,893
BOD	\$58,441
SS	<u>\$90,128</u>

TOTAL-CAPITAL \$199,462

**TOTAL FOX CROSSING CHARGES** \$783,092

APPROVED 2019 BUDGET

**ESTIMATED 2019 REVENUES BY INDIVIDUAL USERS**

(Based on 3-year average loadings from August 2015 - July 2018)

**HARRISON SANITARY DISTRICT (formerly Waverly):**

EST 2019 LOADINGS

FLOW	137.544 MG
BOD	298,500 LBS
SS	302,448 LBS

O & M - CHARGES

FLOW	\$26,738
BOD	\$48,190
SS	<u>\$55,043</u>

TOTAL-O & M \$129,971

INTERCEPTOR MAINTENANCE \$760

REPLACEMENT CHARGES

FLOW	\$10,759
BOD	\$9,732
SS	<u>\$10,750</u>

TOTAL-REPLACEMENT \$31,241

DEPRECIATION CHARGES

FLOW	\$772
BOD	\$1,620
SS	<u>\$1,767</u>

TOTAL-DEPRECIATION \$4,159

CAPITAL CHARGES

FLOW	\$10,746
BOD	\$23,216
SS	<u>\$24,540</u>

TOTAL-CAPITAL \$58,502

**TOTAL WAVERLY S.D. CHARGES \$224,632**



APPROVED 2019 BUDGET

**ESTIMATED 2019 REVENUES BY INDIVIDUAL USERS**

(Based on 3-year average loadings from August 2015 - July 2018)

**SONOCO/U.S. MILLS:**

EST 2019 LOADINGS

FLOW	94.380 MG
BOD	2,898,060 LBS
SS	509,316 LBS

O & M - CHARGES

FLOW	\$18,347
BOD	\$467,863
SS	<u>\$92,691</u>

TOTAL-O & M \$578,901

REPLACEMENT CHARGES

FLOW	\$7,383
BOD	\$94,487
SS	<u>\$18,102</u>

TOTAL-REPLACEMENT \$119,972

DEPRECIATION CHARGES

FLOW	\$530
BOD	\$15,726
SS	<u>\$2,976</u>

TOTAL-DEPRECIATION \$19,232

CAPITAL CHARGES

FLOW	\$7,374
BOD	\$225,401
SS	\$41,325

TOTAL-CAPITAL \$274,100

<b>TOTAL SONOCO/U.S.MILLS CHARGES</b>	<b><u>\$992,204</u></b>
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**ESTIMATED 2019 REVENUES BY INDIVIDUAL USERS**

(Based on 3-year average loadings from August 2015 - July 2018)

**TOTALS:**EST 2019 LOADINGS

FLOW	3918.708 MG
BOD	7,445,052 LBS
SS	6,435,552 LBS

O & M - CHARGES

24.3%	FLOW	\$761,787
38.3%	BOD	\$1,201,930
37.4%	SS	<u>\$1,171,208</u>

TOTAL-O &amp; M \$3,134,924

INTERCEPTOR MAINTENANCE \$41,300REPLACEMENT CHARGES

39.4%	FLOW	\$306,532
31.2%	BOD	\$242,736
29.4%	SS	<u>\$228,732</u>

TOTAL-REPLACEMENT \$778,000

DEPRECIATION CHARGES

22.0%	FLOW	\$22,000
40.4%	BOD	\$40,400
37.6%	SS	<u>\$37,600</u>

TOTAL-DEPRECIATION \$100,000

CAPITAL CHARGES

21.9%	FLOW	\$303,275
41.3%	BOD	\$571,929
36.8%	SS	\$509,612

TOTAL-CAPITAL \$1,384,816

**TOTAL CHARGES****\$5,439,040**