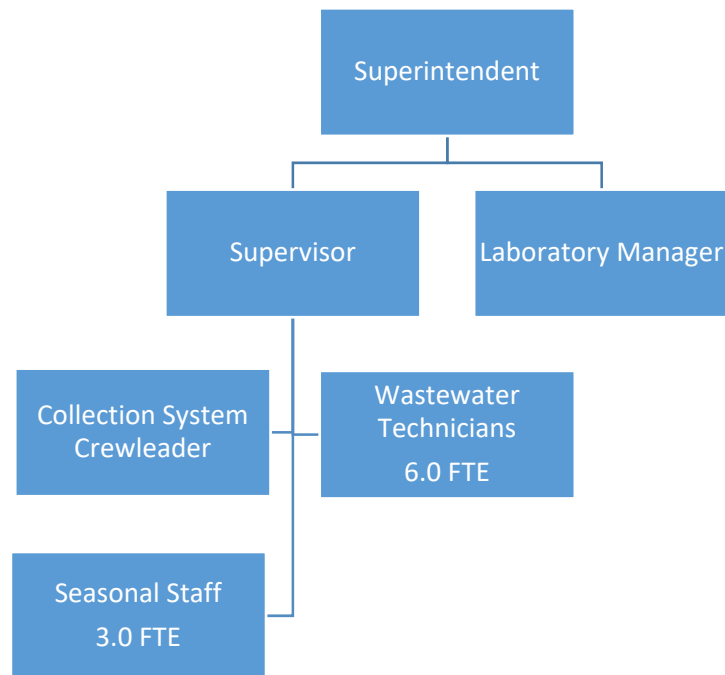


ENTERPRISE FUNDS

Wastewater

MISSION

Provide high quality and cost effective wastewater treatment and collection system services, to protect public health and safety, and enhance water quality in area waterways.



DESCRIPTION

The wastewater department has two divisions, the sanitary sewer collection system and the wastewater treatment plant. The collection division is responsible for maintaining and operating over 130 miles of sewer mains ranging in size from 8-42 inches and 10 lift stations. Maintenance includes scheduled cleaning, repairs and flow monitoring. The goal is to increase service life of sewer mains and lift stations, and eliminate/reduce sewer backups.

The treatment plant division is responsible for operating and maintaining the activated sludge treatment facility. The facility has a designed capacity of 4.4 million gallons/day (mgd) with grit removal, primary and secondary clarification, biological phosphorus removal, sand filters, UV (ultraviolet light) disinfection and anaerobic digestion. The goal is to continually meet the requirements of our Wisconsin Pollutant Discharge Elimination System (WPDES) Permit, and increase the service life of the treatment plant through proper operation of the plant and adhering to the plant maintenance tasks schedule.

2017 BUDGET HIGHLIGHTS

The City has been working with contracted experts since 2014 to examine alternatives to meet more stringent state and federal phosphorus treatment requirements. We made modifications to various plant treatment processes and found that the modifications did not meet the new permit requirements. We also pilot tested equipment and found a filtering system that included a chemical mixing tank was able to meet permit requirements. A report will be submitted to the DNR in September that will summarize phosphorus treatment alternatives.

Will be working with contracted vendors to draft a Facility Plan. This Plan will list options for meeting new phosphorus treatment requirements along with treatment process options needed to provide treatment capacity for future city growth. The Facility Plan will be presented to City Council with recommended treatment options. Once the Plan is approved by City Council, it will be submitted to the DNR by December 31, 2017, for approval.

Clearwater entering the sewer system continues to be a problem. Wastewater plans to bid project for removing clearwater in our 42 inch Plant Interceptor with a total length of 2,800 feet of concrete pipe. This interceptor was installed in 1979 and carries wastewater from all smaller interceptors to the plant for treatment. The project will involve pressure testing and chemically grouting all joints that fail the pressure test as these failed joints will allow clearwater to enter the sewer system. Due to competing demands faced by vendors, the project may be delayed until January or February 2018 to ensure the City receives competitive pricing.

2018 BUDGET HIGHLIGHTS

The Department will work with a contracted vendor to draft Plans and Specifications for plant upgrades as approved by the DNR in the Facility Plan. These Plans will show technical detail of all equipment and treatment processes associated with plant upgrades and will be used for bidding and construction. The goal is to submit Plans and Specifications to the DNR for approval by December 31, 2018.

The Department will continue removing clearwater from City interceptor sewers. Plan to bid project for removing clearwater from the Main Interceptor with a total length of 10,000 feet of 36 inch concrete pipe. This Interceptor was installed in 1979 and carries wastewater from the east side of the City to the 42 inch Plant Interceptor. This project will involve pressure testing and chemically grouting joints that fail the pressure test as these failed joints will allow clearwater to enter the sewer system. This project will be a challenge as the Interceptor is located in fields so project will have to be timed to coincide with dry field conditions. May have to complete this work over a period of two years.

PERFORMANCE MEASUREMENT

Meet requirements of WPDES Permit compliance schedule for phosphorus treatment. Continue to meet current Permit of 1.4 milligrams/liter (mg/l) and by October 1, 2022 meet Permit limit of 0.075 mg/l.

Measure	2013	2014	2015	2016	2017
Meet Monthly Milligram/Liter (mg/l) Permit Requirement for Phosphorus	1.4	1.4	1.4	1.4	1.4
Actual Monthly Average (mg/l)	0.60	0.60	0.40	0.50	n/a*

*Not available

Coordinate plant capacity upgrades with phosphorus upgrades. Design capacity upgrades to meet future growth over the next 20 years.

Measure	2013	2014	2015	2016	2017
Current Average Daily Flow in Million Gallons Per Day (mgd)	3.693	3.366	3.085	3.986	n/a*
Plant Daily Capacity in Million Gallons Per Day (mgd)	4.400	4.400	4.400	4.400	4.400

*Not available

Reduce clearwater entering the sewer system to ensure future plant capacity upgrades are not triggered by clearwater.

Measure	2013	2014	2015	2016	2017
Upgrades Trigger by Clearwater	No	No	No	No	No

STAFFING SUMMARY

2017			
	FTE	OT/Seasonal	Total
Wastewater Fund	\$821,827	\$56,652	\$878,479
FTE	10.00	0.00	10.00
2018			
	FTE	OT/Seasonal	Total
Wastewater Fund	\$868,333	\$61,986	\$930,319
FTE	10.00	0.00	10.00
Change			
	FTE	OT/Seasonal	Total
Dollars	\$46,506	\$5,334	\$51,840
FTE	0.00	0.00	0.00

CITY OF SUN PRAIRIE
2017 RECOMMENDED BUDGET
WATER POLLUTION CONTROL FACILITY

		2015	2016	8/31/2017	2017	2017	2018	INCREASE
		ACTUAL	ACTUAL	ACTUAL	PROJECTED	BUDGET	RECOMMEND	(DECREASE)
WASTEWATER TREATMENT PLANT (610)								
WASTEWATER OPERATING REVENUES								
61004600-468101	WASTEWATER FEES - RESIDENTIAL	\$ 3,026,009	\$ 2,711,067	\$ 2,049,404	\$ 2,762,600	\$ 2,789,804	\$ 2,787,500	\$ (2,304)
61004600-468106	WASTEWATER FEES - MULTI-RESIDENTIAL	-	349,396	272,417	372,300	306,662	375,700	69,038
61004600-468102	WASTEWATER FEES - COMMERCIAL	596,201	644,084	497,869	648,000	633,000	653,800	20,800
61004600-468103	WASTEWATER FEES - INDUSTRIAL	87,362	105,885	80,130	98,300	87,187	99,200	12,013
61004600-468104	WASTEWATER FEES - PUBLIC AUTHORITY	33,861	37,995	27,968	30,700	34,417	31,000	(3,417)
61004600-468105	WASTEWATER FEES - SURCHARGES	11,670	15,625	8,801	10,000	10,000	10,000	-
61004800-488100	FORFEITED DISCOUNTS	16,322	16,530	11,301	17,000	14,000	17,000	3,000
61004800-489000	MISC REVENUES/INTERCEPTOR PYMTS	63	10,538	7,688	-	2,000	-	(2,000)
TOTAL WASTEWATER OPERATING REVENUES		3,771,488	3,891,120	2,955,579	3,938,900	3,877,070	3,974,200	97,130
WASTEWATER ADMINISTRATION EXPENSE								
PERSONNEL SERVICES								
61081081-511000	REGULAR WAGES	92,510	95,443	123,390	163,387	163,632	177,177	13,545
	SUB-TOTAL	92,510	95,443	123,390	163,387	163,632	177,177	13,545
FRINGE BENEFITS								
61081081-521000	SOCIAL SECURITY	7,080	7,329	9,382	12,499	12,393	13,489	1,096
61081081-522000	RETIREMENT	5,757	5,930	8,343	11,150	12,222	11,811	(411)
61081081-523000	HEALTH INSURANCE	9,932	13,785	18,947	23,061	26,819	28,218	1,399
61081081-524000	LIFE INSURANCE	663	670	650	828	838	944	106
61081081-525000	DENTAL INSURANCE	821	1,287	1,722	2,194	2,462	2,466	4
61081081-528000	POST EMPLOYMENT HEALTH PLAN	528	17,166	-	-	-	-	-
61081081-529000	WORKDERS COMP INSURANCE	-	-	-	-	-	912	912
	SUB-TOTAL	24,781	46,167	39,044	49,732	54,734	57,840	3,106
MATERIALS & SUPPLIES								
61081081-531000	OFFICE SUPPLIES	733	637	4,759	1,200	1,200	1,200	-
61081081-531100	TECHNOLOGY SUPPLIES	-	-	-	-	-	94	94
61081081-532500	BANK SERVICE CHARGES	299	262	212	350	350	350	-
61081081-533100	MAINTENANCE AGREEMENTS	3,741	835	444	450	-	-	-
61081081-535000	UNIFORMS	166	100	-	200	200	200	-
	SUB-TOTAL	4,939	1,834	5,416	2,200	1,750	1,844	94
CONTRACTUAL SERVICES								
61081081-541000	COMMUNICATIONS	9,729	12,338	6,209	9,000	10,080	9,900	(180)
61081081-543000	ADVERTISING AND PRINTING	186	126	87	800	800	800	-
61081081-544000	PROFESSIONAL SERVICES	111,193	124,117	33,183	39,630	39,630	40,637	1,007
61081081-547000	BILLING SERVICES	245,168	235,069	197,226	266,000	270,000	271,560	1,560
	SUB-TOTAL	366,276	371,650	236,705	315,430	320,510	322,897	2,387
INSURANCE								
61081081-551000	WORKERS' COMPENSATION COVERAGE	18,836	16,823	18,494	24,267	23,094	-	(23,094)
61081081-552000	PROPERTY COVERAGE	10,040	14,946	15,093	15,093	15,694	13,089	(2,605)
61081081-553000	LIABILITY COVERAGE	3,338	2,695	2,713	2,713	2,855	2,951	96
61081081-553100	LIABILITY COVERAGE PAYMENTS	-	7,823	-	-	-	-	-
61081081-554000	VEHICLE COVERAGE	634	1,758	1,824	1,824	2,031	1,075	(956)
	SUB-TOTAL	32,848	44,045	38,124	43,897	43,674	17,115	(26,559)
PROFESSIONAL DEVELOPMENT								
61081081-562000	MILEAGE	-	91	24	150	150	150	-
61081081-563000	MEETINGS AND TRAINING	353	656	115	500	1,200	1,200	-
61081081-564000	DUES AND MEMBERSHIPS	2,549	2,715	2,489	3,140	3,140	2,450	(690)
61081081-566000	PUBLICATIONS AND SUBSCRIPTIONS	-	-	349	350	-	290	290
	SUB-TOTAL	2,902	3,462	2,977	4,140	4,490	4,090	(400)
CAPITAL ITEMS								
61081081-581000	MACHINERY & EQUIPMENT EXPENSE	-	-	-	8,580	8,580	8	(8,572)
		-	-	-	8,580	8,580	8	(8,572)
TOTAL WASTEWATER ADMINISTRATION EXPENSE		524,256	562,601	445,655	587,366	597,370	580,971	(16,399)

CITY OF SUN PRAIRIE
2017 RECOMMENDED BUDGET
WATER POLLUTION CONTROL FACILITY

	<u>2015</u>	<u>2016</u>	<u>8/31/2017</u>	<u>2017</u>	<u>2017</u>	<u>2018</u>	<u>INCREASE</u>	
	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>PROJECTED</u>	<u>BUDGET</u>	<u>RECOMMEND</u>	<u>(DECREASE)</u>	
WASTEWATER TREATMENT PLANT (610)								
WASTEWATER PLANT OPERATIONS EXPENSE								
PERSONNEL SERVICES								
61081082-511000	REGULAR WAGES	370,744	379,348	298,808	390,187	391,361	405,623	14,262
61081082-513000	OVERTIME	1,717	964	369	1,500	5,000	5,000	-
61081082-517000	MISCELLANEOUS COMPENSATION	4,715	4,596	5,330	8,920	8,920	8,920	-
61081082-519000	SEASONAL WAGES	3,275	4,638	9,520	10,220	5,800	13,440	7,640
	SUB-TOTAL	380,451	389,546	314,027	410,827	411,081	432,983	21,902
FRINGE BENEFITS								
61081082-521000	SOCIAL SECURITY	29,702	29,700	23,728	31,288	31,035	32,914	1,879
61081082-522000	RETIREMENT	23,427	23,220	20,783	27,116	27,560	28,127	567
61081082-523000	HEALTH INSURANCE	82,691	73,664	62,390	79,218	81,218	80,101	(1,117)
61081082-524000	LIFE INSURANCE	1,658	1,756	1,474	1,861	1,860	1,866	6
61081082-525000	DENTAL INSURANCE	6,933	6,407	5,390	6,918	7,043	7,339	296
61081082-528000	POST EMPLOYMENT HEALTH PLAN	(2)	20,469	-	-	-	-	-
61081082-529000	WORKERS COMP INSURANCE	-	-	-	-	-	20,951	20,951
	SUB-TOTAL	144,409	155,216	113,764	146,401	148,716	171,298	22,582
MATERIALS & SUPPLIES								
61081082-532000	OPERATING SUPPLIES	97,479	105,577	74,338	110,000	116,000	116,000	-
61081082-533000	REPAIRS AND MAINTENANCE	3,370	6,448	3,011	8,000	10,000	12,000	2,000
61081082-533100	MAINTENANCE AGREEMENTS	15,776	18,118	11,615	22,000	25,180	22,810	(2,370)
61081082-533200	JANITORIAL SERVICES	4,776	5,126	3,744	5,620	5,620	9,420	3,800
61081082-533810	REPAIRS & MAINTENANCE - WWTP	3,585	2,985	327	3,000	4,000	4,000	-
61081082-534000	SMALL TOOLS	62	612	-	1,000	2,000	2,000	-
61081082-535000	UNIFORMS	2,509	4,372	3,390	4,000	3,000	4,000	1,000
61081082-536000	FUEL PURCHASES	5,039	4,023	3,603	6,000	8,000	7,000	(1,000)
61081082-537000	RENTAL VEHICLES AND EQUIPMENT	6,599	-	150	200	-	500	500
	SUB-TOTAL	139,195	147,261	100,179	159,820	173,800	177,730	3,930
CONTRACTUAL SERVICES								
61081082-542000	UTILITIES	200,615	192,285	140,279	205,000	220,000	215,000	(5,000)
61081082-544000	PROFESSIONAL SERVICES	17,105	74,995	79,483	110,000	197,778	115,100	(82,678)
	SUB-TOTAL	217,720	267,280	219,762	315,000	417,778	330,100	(87,678)
PROFESSIONAL DEVELOPMENT								
61081082-563000	MEETINGS AND TRAINING	843	1,538	850	2,000	2,500	2,500	-
	SUB-TOTAL	843	1,538	850	2,000	2,500	2,500	-
DEPRECIATION EXPENSE								
61081082-571000	DEPRECIATION EXPENSE	1,081,532	1,084,053	-	1,100,000	1,100,000	1,100,000	-
	SUBTOTAL	1,081,532	1,084,053	-	1,100,000	1,100,000	1,100,000	-
CAPITAL ITEMS								
61081082-581000	MACHINERY & EQUIPMENT EXPENSE	-	2,782	-	-	-	-	-
61081082-581100	MINOR CAPITAL	-	4,560	-	-	-	-	-
	SUBTOTAL	-	7,342	-	-	-	-	-
TOTAL WWTP PLANT OPERATIONS EXPENSE								
		1,964,150	2,052,236	748,582	2,134,048	2,253,875	2,214,611	(39,264)

CITY OF SUN PRAIRIE
2017 RECOMMENDED BUDGET
WATER POLLUTION CONTROL FACILITY

	<u>2015</u>	<u>2016</u>	<u>8/31/2017</u>	<u>2017</u>	<u>2017</u>	<u>2018</u>	<u>INCREASE</u>	
	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>PROJECTED</u>	<u>BUDGET</u>	<u>RECOMMEND</u>	<u>(DECREASE)</u>	
WASTEWATER TREATMENT PLANT (610)								
WASTEWATER COLLECTION SYSTEM EXPENSE								
PERSONNEL SERVICES								
61081083-511000	REGULAR WAGES	98,870	101,866	80,052	104,454	104,468	108,042	3,574
61081083-513000	OVERTIME	1,671	1,123	900	1,200	3,000	3,000	-
61081083-517000	MISCELLANEOUS COMPENSATION	1,667	1,860	1,962	3,380	3,830	3,830	-
61081083-519000	SEASONAL WAGES	10,863	10,779	4,504	5,000	25,900	22,080	(3,820)
	SUB-TOTAL	113,071	115,628	87,418	114,034	137,198	136,952	(246)
FRINGE BENEFITS								
61081083-521000	SOCIAL SECURITY	8,531	8,856	6,643	8,991	10,442	10,486	44
61081083-522000	RETIREMENT	6,123	6,333	5,638	7,415	7,569	7,704	135
61081083-523000	HEALTH INSURANCE	28,650	28,322	23,212	28,794	31,026	28,466	(2,560)
61081083-524000	LIFE INSURANCE	431	463	379	480	478	481	3
61081083-525000	DENTAL INSURANCE	2,433	2,573	2,037	2,573	2,788	2,574	(214)
61081083-528000	POST EMPLOYMENT HEALTH PLAN	974	(20,304)	-	-	-	-	-
61081083-529000	WORKERS COMP INSURANCE	-	-	-	-	-	6,934	6,934
	SUB-TOTAL	47,142	26,243	37,908	48,253	52,303	56,645	4,342
MATERIALS & SUPPLIES								
61081083-532000	OPERATING SUPPLIES	17,776	18,515	15,668	19,000	19,000	25,200	6,200
61081083-533000	REPAIRS AND MAINTENANCE	1,066	729	951	3,000	5,000	5,000	-
61081083-533810	REPAIRS & MAINTENANCE - WWTP	2,698	3,169	1,556	5,500	8,800	8,000	(800)
61081083-534000	SMALL TOOLS	-	-	-	500	1,000	1,000	-
61081083-535000	UNIFORMS	695	604	908	1,300	1,300	1,500	200
61081083-536000	FUEL PURCHASES	5,874	4,476	3,632	6,000	9,000	7,000	(2,000)
	SUB-TOTAL	28,109	27,493	22,715	35,300	44,100	47,700	3,600
CONTRACTUAL SERVICES								
61081083-541000	COMMUNICATIONS	-	-	-	-	-	240	240
61081083-542000	UTILITIES	7,360	7,436	5,187	8,000	11,000	11,600	600
61081083-544000	PROFESSIONAL SERVICES	5,348	20,190	42,499	45,000	48,730	47,300	(1,430)
	SUB-TOTAL	12,708	27,626	47,686	53,000	59,730	59,140	(590)
PROFESSIONAL DEVELOPMENT								
61081083-562000	MILEAGE	-	30	-	100	100	100	-
61081083-563000	MEETINGS AND TRAINING	-	225	80	600	1,000	1,000	-
	SUB-TOTAL	-	255	80	700	1,100	1,100	-
DEPRECIATION EXPENSE								
61081083-571000	DEPRECIATION EXPENSE	272,128	281,012	-	-	260,000	280,000	20,000
	SUBTOTAL	272,128	281,012	-	-	260,000	280,000	20,000
CAPITAL ITEMS								
61081083-581000	MACHINERY & EQUIPMENT EXPENSE	-	2,200	-	-	3,200	3,700	500
	SUBTOTAL	-	2,200	-	-	3,200	3,700	500
TOTAL WWTP COLLECTION SYSTEM EXPENSE								
		473,158	480,457	195,807	251,287	557,631	585,237	27,606
WASTEWATER REPLACEMENT ACCOUNT								
61081085-581000	MACHINERY & EQUIPMENT EXPENSE	12,846	19,252	9,801	100,000	130,000	135,000	5,000
61081085-589000	MACHINERY & EQPMNT - REPLACED	51,383	46,039	173,440	528,570	736,395	340,160	(396,235)
TOTAL WWTP REPLACEMENT ACCOUNT								
		64,229	65,291	183,241	628,570	866,395	475,160	(391,235)
TOTAL WWTP OPERATING EXPENSES								
		3,025,793	3,160,585	1,573,285	3,601,271	4,275,271	3,855,979	(419,292)
OPERATING INCOME (LOSS)								
		745,695	730,535	1,382,294	337,629	(398,201)	118,221	516,422

CITY OF SUN PRAIRIE
2017 RECOMMENDED BUDGET
WATER POLLUTION CONTROL FACILITY

	<u>2015</u>	<u>2016</u>	<u>8/31/2017</u>	<u>2017</u>	<u>2017</u>	<u>2018</u>	<u>INCREASE</u>
	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>PROJECTED</u>	<u>BUDGET</u>	<u>RECOMMEND</u>	<u>(DECREASE)</u>
WASTEWATER TREATMENT PLANT (610)							
WASTEWATER NON-OPERATING REVENUES							
61004200-420100	NON-OPERATING CAPITAL CONTRIBUTIONS	590,457	281,840	-	-	-	-
61004200-421000	SPECIAL ASSESSMENTS	5,351	-	11,868	-	-	-
61004200-428000	INTEREST SPECIAL ASSESSMENTS	167	2,138	746	-	-	-
61004400-443811	SANITARY SEWER CONNECTION FEE	479,937	433,956	979,442	-	349,000	(349,000)
61004400-443812	INTERCEPTOR CONNECTION FEE	235,731	360,836	493,159	-	188,000	(188,000)
61004700-471000	INVESTMENT INCOME (UNRESTRICTED)	8,912	2,684	4,666	-	10,000	(10,000)
61004700-471100	INVESTMENT INCOME RESTRICTED	24,488	75,993	14,467	-	10,000	(10,000)
61004800-483200	SALE OF MATERIAL AND EQUIP	-	4,069	520	-	-	-
61004800-484000	INSURANCE DIVIDEND & RECOV	4,481	12,355	10,484	-	4,227	1,664
61004900-491900	BOND PREMIUM	2,621	3,922	-	-	-	-
61004900-499000	FUND BALANCE APPLIED	-	-	-	-	1,451	(1,451)
TOTAL WASTEWATER NON-OPERATING REVENUES		1,352,145	1,177,793	1,515,353	-	562,678	(556,787)
WASTEWATER DEBT SERVICE EXPENSE							
61081084-592000	PRINCIPAL ON DEBT	-	-	-	1,042,881	1,042,881	95,052
61081084-594000	INTEREST ON DEBT	250,378	230,783	123,590	217,013	220,278	3,265
61081084-596000	PAYMENT TO ESCROW AGENT	-	-	-	-	-	-
61081084-597000	DEBT ISSUANCE EXPENSE	4,768	14,160	-	-	40,000	40,000
TOTAL WWTP DEBT SERVICE EXPENSE		255,146	244,943	123,590	1,259,894	1,259,894	138,317
WASTEWATER PLANT EXPANSION							
61081086-544000	PROFESSIONAL SERVICES	113,132	98,716	53,148	145,000	141,147	(141,147)
61081086-581000	MACHINERY & EQUIPMENT EXPENSE	-	5,055	1,225	1,300	-	-
TOTAL WWTP PLANT EXPANSION		113,132	103,771	54,373	146,300	141,147	(141,147)
WASTEWATER CAPITAL PROJECTS							
61081087-544000	PROFESSIONAL SERVICES	1,899	52,873	33,559	-	38,400	11,600
61081087-585000	SANITARY SEWER	368,195	20,001	373,381	-	1,073,828	1,620,172
61081087-589900	LOSS ON DISP OF CAPITAL ASSETS	-	85,929	-	-	-	-
61081089-585000	SANITARY SEWER	-	(2,520)	-	-	-	-
TOTAL WWTP CAPITAL PROJECTS		370,094	156,283	406,940	-	1,112,228	1,631,772
TOTAL NON-OPERATING REVENUES/OTHER FINANCING USES		613,773	672,796	930,450	(1,406,194)	(1,950,590)	(2,185,730)
TOTAL SOURCES (USES) OF FUNDS		1,359,468	1,403,331	2,312,744	(1,068,565)	(2,348,791)	(1,669,308)

SUN PRAIRIE
WATER POLLUTION CONTROL FACILITY
2018 RECOMMENDED BUDGET

Capital Item~	Included in Repl Fund?	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
Sewer Capital Projects/Flow (See Streets Projects Tab)	No	\$ 763,000	\$ 479,000	\$ 224,400	\$ 176,000	\$ 394,000
Remove Clearwater from Sanitary Sewer System	No	400,000	345,000	510,000	500,000	285,000
Phosphorus Treatment WPDES - Plant Upgrade, Eng	No	890,000	300,000		200,000	
Phosphorus Treatment WPDES - Plant Upgrade, Capital	Some Equip will be			12,500,000		
Upgrade Shonas Lift Force Main	Yes	441,000				
Replace Columbus Lift Station	Yes	200,000				
NW Koshkonong Facility	No	250,000				
Network Cabling Replacement Project	Yes			6,000		
Replace Hickory Grove Lift Station	Yes				90,000	
Replace Influent Wet Well Controls	Yes				70,000	
Replace Anoxic Tank Mixers(4)	Yes				52,000	
Replace Anoxic Tank Recir. Pumps(2)	Yes				33,000	
Replace Secondary Clarifier Baffles	Yes				38,000	
Replace RAS Pumps(3)	Yes				60,000	
Replace WAS Pumps(2)	Yes				26,000	
Replace Aeration Tanks Blowers(4)	Yes				330,000	
Replace Digester Covers(2)	Yes				280,000	
Replace W3 Pump Controls	Yes				70,000	
Replace GBT Feed Pumps(2)	Yes				28,000	
Replace Biosolids Boiler Recir. Pumps(3)	Yes				30,000	
Replace Biosolids Conveyor	Yes				58,000	
Replace SCADA System Wiring and PLC's	Yes				75,000	
Replace New Holland Tractor	Yes				25,000	
Replace End Loader	Yes				220,000	
Replace #4 Raw Wastewater Pump	Yes				90,000	
Replace Grit Pumps (2)	Yes				40,000	
Replace Primary Tank Collectors	Yes				100,000	
Replace Secondary Clarifier Scum Pumps (2)	Yes				40,000	
Replace Aeration Channel Blowers (3)	Yes				75,000	
Replace Thompson 6" Portable Pump	Yes				25,000	
Replace WAS Tanks Blowers (3)	Yes				75,000	
Replace 80kw Porteratorable Gen	Yes				30,000	
Replace UV Tank Blowers (2)	Yes					60,000
Replace Filter Building Heat/Venting System	Yes					30,000
Debt Issuance Costs	No	40,300	15,700	13,900	12,200	14,500
Total Cost		\$2,984,300	\$1,139,700	\$13,254,300	\$2,848,200	\$783,500

~ Please see the Equipment Replacement Plan in the WPCF Budget for a full detail listing of the plan.

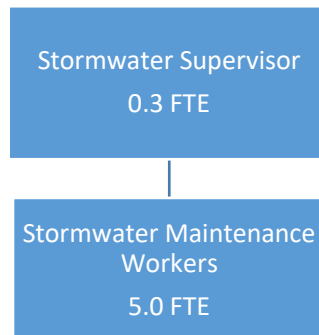
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ENTERPRISE FUNDS

Stormwater Utility

MISSION

Improve and maintain the City's stormwater management and conveyance systems.



DESCRIPTION

The City of Sun Prairie created a Stormwater Utility effective January 1, 2003. Funding for the Utility comes primarily from customer charges based on the number of Equivalent Run-off Units (ERUs) on the property. A single-family home has one ERU and currently pays a charge of \$10.20 per month, paid on the Water and Light bill.

The Stormwater Utility is jointly administered by Engineering, and Public Works. Over the long term, approximately 50 percent of the utility's annual budget is used to finance capital projects such as storm sewer extensions and detention ponds. The other 50 percent of the budget is used to fund ongoing maintenance, education, and administrative duties. The City Public Works Department maintains the over 125 public Stormwater detention ponds and over 108 miles of Stormwater conveyances. Each year they are inspected for any issues that need to be addressed along with the over 130 Private ponds within the City.

2017 BUDGET HIGHLIGHTS

Madison Metropolitan Sewerage District (MMSD) has created a watershed adaptive management program that is a new, innovative and collaborative compliance approach designed to meet regulatory requirements for phosphorus throughout a watershed in a cost-effective manner. The Yahara Watershed Improvement Network (Yahara WINS) is made up of thirty partners testing adaptive management in the Yahara River Basin through a pilot project. The pilot project is complete and deemed a success. Adaptive Management has now transitioned to a full scale program and the City is an active member.

An electronic inspection system was implemented to better track and share information regarding all facilities within the system.

The Department is aggressively working to improve the quality of existing facilities through a cooperative program with SetterTech a Natural Environment Technologies company. City Staff has gained knowledge and experience through this partnership. The function and efficiency of 12 facilities was improved in 2016. Continuing thru 2017 and into 2018 the goal is to add 12 to 15 facilities each year while continuing to maintain all facilities at the current level.

2018 BUDGET HIGHLIGHTS

The City will continue its efforts with the Yahara WINS watershed adaptive management program.

The 2009 NW Koshkonong Watershed Study identified several stormwater projects needed to address issues within the watershed. Several projects have since been completed, and the 2018 Utility budget and Capital Improvement Plan include another significant improvement identified in the 2009 study. The 2018 Utility budget includes \$3,350,000 intended for the construction of the regional stormwater basins on the properties purchased in 2017. The fund purchased two properties: the Schneider Property and the Livesey Property to be dedicated for stormwater purposes.

Cost to continue budgeted fuel expenses are reduced due to lower gasoline prices. Meetings and trainings expenses are increased to allow for membership expenses and additional trainings for staff.

PERFORMANCE MEASUREMENT

The US Environmental Protection Agency (EPA) has approved a Total Maximum Daily Load (TMDL) for the Rock River Basin for phosphorus and total suspended solids which includes the Yahara, Koshkonong and Maunesha Watershed. The City of Sun Prairie has areas that drain to all three watersheds. Municipal Separate Storm Sewer Systems (MS4s), are required to meet surface water quality standards in these watersheds. Each watershed will require reductions in P and TSS and will be achieved with different approaches.

Yahara River Watershed (1,746 acres)

Madison Metropolitan Sewerage District (MMSD) has created a watershed adaptive management (AM) program that addresses the City's needs for the Yahara watershed. The City is responsible for \$18,000 per year and in return our Yahara watershed requirements are met. The city will be solely responsible for achieving these stormwater goals in the Koshkonong and Maunesha watersheds.

Koshkonong Creek Watershed (3,864 acres)

A number of projects are needed to increase the phosphorous and total suspended solids reduction for this watershed. The 2018 construction of the NW Koshkonong Stormwater Facility will be the first proposed project to address the EPA requirements in this watershed.

TMDL COMPLIANCE - Reduction of Total Suspended Solids (TSS)

Watershed	TSS Load (tons/yr)	2017 Trapped (tons/yr)	2017 Reduction	Required Reduction
Maunesha River	8.6	6.7	77.6%	45%
Yahara River	194.8	96.5	49.5%	73%
Koshkonong Creek	564.6	247.6	43.9%	55%

TMDL COMPLIANCE - Reduction of Total Phosphorus (TP)

Watershed	TP Load (tons/yr)	2017 Trapped (tons/yr)	2017 Reduction	Required Reduction
Maunesha River	59	32	54.9%	36%
Yahara River	1,468	533	36.3%	61%
Koshkonong Creek	3,566	1,082	30.4%	54%

STAFFING SUMMARY

2017			
	FTE	OT/Seasonal	Total
Stormwater Fund	\$333,058	\$26,008	\$359,066
FTE	5.30	0.00	5.30
2018			
	FTE	OT/Seasonal	Total
Stormwater Fund	\$345,814	\$16,420	\$362,234
FTE	5.30	0.00	5.30
Change			
	FTE	OT/Seasonal	Total
Dollars	\$12,756	-\$9,588	\$3,168
FTE	0.00	0.00	0.00

CITY OF SUN PRAIRIE
2018 RECOMMENDED BUDGET
STORMWATER UTILITY

		2015	2016	8/31/2017	2017	2017	2018	INCREASE
		ACTUAL	ACTUAL	ACTUAL	PROJECT	BUDGET	RECOMMEND	(DECREASE)
STORMWATER UTILITY (650)								
STORMWATER OPERATING REVENUES								
65004400-443850	STORMWATER MANAGEMENT FEE	\$ 89,753	\$ 101,170	\$ 414,246	\$ 414,246	\$ 50,000	\$ 51,500	\$ 1,500
65004400-443851	STORMWATER BLDG PERMIT FEE	3,695	4,520	3,245	4,600	5,100	4,600	(500)
65004600-468501	STORMWATER FEES - RESIDENTIAL	855,114	938,102	670,859	(1,081,515)	1,042,600	1,119,080	76,480
65004600-468502	STORMWATER FEES - NON-RESIDENTIAL	720,540	757,245	552,640	(879,630)	835,300	938,640	103,340
65004800-488100	FOREFEITED DISCOUNTS	6,016	5,909	4,025	5,000	3,700	5,000	1,300
TOTAL STORMWATER OPERATING REVENUES		\$ 1,675,118	\$ 1,806,946	\$ 1,645,014	\$ (1,537,299)	\$ 1,936,700	\$ 2,118,820	\$ 182,120
STORMWATER ADMINISTRATION EXPENSE								
PERSONNEL SERVICES								
65085091-511000	REGULAR WAGES	\$ -	\$ -	\$ 108,026	\$ 170,280	\$ 169,830	\$ 194,037	\$ 24,207
65085091-513000	OVERTIME	-	-	999	1,000	-	-	-
SUB-TOTAL		-	-	109,026	171,280	169,830	194,037	24,207
FRINGE BENEFITS								
65085091-521000	SOCIAL SECURITY	-	-	8,146	13,103	12,778	17,103	4,325
65085091-522000	RETIREMENT	-	-	7,289	11,647	11,482	15,080	3,598
65085091-523000	HEALTH INSURANCE	-	-	17,341	26,873	33,305	43,894	10,589
65085091-524000	LIFE INSURANCE	-	-	269	422	485	606	121
65085091-525000	DENTAL INSURANCE	-	-	1,765	2,745	3,135	3,825	690
65085091-529000	WORKERS COMP INSURANCE	-	-	-	-	-	5,175	5,175
SUB-TOTAL		-	-	34,811	54,790	61,185	85,683	24,498
MATERIALS & SUPPLIES								
65085091-531100	TECHNOLOGY SUPPLIES	-	-	-	-	-	3,899	3,898.8
SUB-TOTAL		-	-	-	-	-	3,899	3,899
CONTRACTUAL SERVICES								
65085091-541000	COMMUNICATIONS	-	3,695	20	21	-	425	425
65085091-544000	PROFESSIONAL SERVICES	148,800	161,200	72	4,000	3,000	5,219	2,219
65085091-544400	CONTRACTUAL SERVICES	-	-	-	-	-	1,138	1,138
65085091-547000	BILLING SERVICES	56,335	57,276	40,374	65,980	65,980	71,980	6,000
SUB-TOTAL		205,135	222,171	40,466	70,001	68,980	78,762	9,782
INSURANCE								
65085091-551000	WORKERS COMP	6,519	5,746	5,760	7,558	7,193	-	(7,193)
65085091-552000	PROPERTY COVERAGE	274	132	133	133	138	8	(130)
65085091-553000	LIABILITY COVERAGE	1,155	921	741	741	779	848	69
65085091-554000	VEHICLE COVERAGE	1,364	415	431	431	480	69	(411)
SUB-TOTAL		9,312	7,214	7,065	8,863	8,590	925	(7,665)
PROFESSIONAL DEVELOPMENT								
65085091-563000	MEETINGS & TRAINING	600.0	600.0	-	-	-	1,025.0	1,025
SUB-TOTAL		600.0	600.0	-	-	-	1,025.0	1,025
CAPITAL ITEMS								
65085091-581000	MACHINERY & EQUIPMENT	-	-	-	-	-	765	765
SUBTOTAL		-	-	-	-	-	765	765
TOTAL STORMWATER ADMINISTRATION EXPENSE		\$ 215,047	\$ 229,985	\$ 191,368	\$ 304,934	\$ 308,585	\$ 365,096	\$ 56,511
STORMWATER MAINTENANCE EXPENSE								
PERSONNEL SERVICES								
65085092-511000	REGULAR WAGES	\$ 151,977	\$ 151,232	\$ 124,144	\$ 199,547	\$ 213,420	\$ 232,633	\$ 19,213
65085092-513000	OVERTIME	4,067	5,193	1,479	3,500	4,000	4,000	-
65085092-517000	MISCELLANEOUS COMPENSATION	212	4	-	-	-	-	-
65085092-519000	SEASONAL WAGES	9,870	9,430	8,349	14,000	20,600	11,000	(9,600)
SUB-TOTAL		166,126	165,859	133,972	217,047	238,020	247,633	9,613
FRINGE BENEFITS								
65085092-521000	SOCIAL SECURITY	12,537	12,569	10,066	16,604	17,884	18,822	938
65085092-522000	RETIREMENT	8,947	9,208	8,429	13,807	14,767	15,861	1,094
65085092-523000	HEALTH INSURANCE	53,507	52,712	36,396	55,920	80,744	60,223	(20,521)
65085092-524000	LIFE INSURANCE	141	139	111	174	368	200	(168)
65085092-525000	DENTAL INSURANCE	4,544	4,858	3,959	6,231	7,283	6,821	(462)
65085092-526000	UNEMPLOYMENT COMPENSATION	-	7,204	2,416	2,416	-	-	-
65085092-528000	POST EMPLOYMENT HEALTH PLAN	-	(312)	-	-	-	-	-
65085092-529000	WORK COMP INSURANCE	-	-	-	-	-	12,674	12,674
SUB-TOTAL		79,676	86,378	61,377	95,152	121,046	114,601	(6,445)

CITY OF SUN PRAIRIE
2018 RECOMMENDED BUDGET
STORMWATER UTILITY

		2015	2016	8/31/2017	2017	2017	2018	INCREASE
		ACTUAL	ACTUAL	ACTUAL	PROJ	BUDGET	RECOMMEND	(DECREASE)
MATERIALS & SUPPLIES								
65085092-532000	OPERATING SUPPLIES	6,100	7,126	5,385	16,000	16,000	16,000	-
65085092-533000	REPAIRS AND MAINTENANCE	51,205	44,039	21,964	25,000	35,000	36,000	1,000
65085092-534000	SMALL TOOLS	-	175	-	150	150	150	-
65085092-535000	UNIFORMS	1,507	1,623	1,001	1,650	-	1,675	1,675
	SUB-TOTAL	58,812	52,963	28,350	42,800	51,150	53,825	2,675
CONTRACTUAL SERVICES								
65085092-542000	UTILITIES	5,481	11,665	8,029	11,000	10,000	11,500	1,500
65085092-544000	PROFESSIONAL SERVICES	74,964	137,952	30,181	90,000	155,600	155,600	-
	SUB-TOTAL	80,445	149,617	38,210	101,000	165,600	167,100	1,500
PROFESSIONAL DEVELOPMENT								
65085092-563000	MEETINGS & TRAINING	604	384	404	1,000	1,100	1,400	300
	SUB-TOTAL	604	384	404	1,000	1,100	1,400	300
TRANSFERS/BAD DEBT EXPENSE								
65085092-571000	DEPRECIATION EXPENSE	896,158	942,730	-	950,000	900,000	950,000	50,000
	SUBTOTAL	896,158	942,730	-	950,000	900,000	950,000	50,000
CAPITAL ITEMS								
65085092-581000	MACHINERY & EQUIPMENT EXPENSE	-	940	10,951	22,400	23,711	-	(23,711)
	SUBTOTAL	-	940	10,951	22,400	23,711	-	(23,711)
TOTAL STORMWATER MAINTENANCE EXPENSE		\$ 1,281,821	\$ 1,398,871	\$ 273,264	\$ 1,429,399	\$ 1,500,627	\$ 1,534,559	\$ 33,932
STORMWATER STREET CLEANING EXPENSE								
MATERIALS & SUPPLIES								
65085093-532000	OPERATING SUPPLIES	\$ 1,278	\$ 380	\$ 36	\$ 200	\$ 400	\$ 400	\$ -
65085093-533000	REPAIRS AND MAINTENANCE	3,363	4,695	4,428	9,000	13,000	13,000	-
65085093-536000	FUEL PURCHASES	14,565	14,094	6,340	15,000	18,000	16,000	(2,000)
	SUB-TOTAL	19,206	19,169	10,804	24,200	31,400	29,400	(2,000)
CONTRACTUAL SERVICES								
65085093-544000	PROFESSIONAL SERVICES	61,681	80,823	30,964	34,000	34,000	35,000	1,000
	SUB-TOTAL	61,681	80,823	30,964	34,000	34,000	35,000	1,000
TOTAL STORMWATER STREET CLEANING EXPENSE		\$ 80,887	\$ 99,992	\$ 41,769	\$ 58,200	\$ 65,400	\$ 64,400	\$ (1,000)
TOTAL STORMWATER OPERATING EXPENSE		\$ 1,577,755	\$ 1,728,848	\$ 506,400	\$ 1,792,533	\$ 1,874,612	\$ 1,964,055	\$ 89,443
OPERATING INCOME (LOSS)		\$ 97,363	\$ 78,098	\$ 1,138,614	\$ (3,329,832)	\$ 62,088	\$ 154,765	\$ 92,677
STORMWATER NON-OPERATING REVENUES								
65004200-420100	NON-OPERATING CAPITAL CONTRIBUTIONS	\$ 726,365	\$ 450,023	\$ -	\$ -	\$ -	\$ -	\$ -
65004200-421000	SPECIAL ASSESSMENTS	1,920	-	4,258	4,258	-	-	-
	COUNTY GRANTS - STORMWATER	-	50,000	-	-	-	-	-
65004700-471000	INVESTMENT INCOME	3,168	9,151	10,174	12,000	6,700	7,575	875
65004800-484000	INSURANCE DIVIDEND & RECOVERY	1,828	1,566	308	308	1,258	3,270	2,012
65004800-489000	MISCELLANEOUS REVENUES	5,422	1,650	2,722	3,000	-	3,000	3,000
65004900-491100	BOND PROCEEDS	-	-	-	-	1,700,000	6,423,770	4,723,770
65004900-491900	BOND PREMIUM	8,828	10,445	-	-	-	-	-
65004900-494000	GAIN ON SALE OF CAP ASSETS	21,585	-	-	-	-	-	-
TOTAL STORMWATER NON-OPERATING REVENUES		\$ 769,116	\$ 522,835	\$ 17,461	\$ 19,566	\$ 1,707,958	\$ 6,437,615	\$ 4,729,657
STORMWATER DEBT SERVICE								
65085095-592000	PRINCIPAL ON DEBT	\$ -	\$ -	\$ -	\$ -	\$ 624,750	\$ 730,000	\$ 105,250
65085095-594000	INTEREST ON DEBT	56,841	90,137	116,335	177,776	177,776	258,019	80,243
65085095-597000	DEBT ISSUANCE COSTS	10,255	82,410	-	-	-	100,000	100,000
	SUB-TOTAL	67,096	172,547	116,335	177,776	802,526	1,088,019	285,493
TOTAL STORMWATER DEBT SERVICE EXPENSE		\$ 67,096	\$ 172,547	\$ 116,335	\$ 177,776	\$ 802,526	\$ 1,088,019	\$ 285,493

CITY OF SUN PRAIRIE
2018 RECOMMENDED BUDGET
STORMWATER UTILITY

	2015	2016	8/31/2017	2017	2017	2018	INCREASE	
	ACTUAL	ACTUAL	ACTUAL	PROJ	BUDGET	RECOMMEND	(DECREASE)	
STORMWATER CAPITAL EXPENSE								
CAPITAL PROJECTS								
65085096-544000	PROFESSIONAL SERVICES	\$ 16,556	\$ 79,899	\$ 39,930	\$ 22,000	\$ 31,000	\$ 31,000	\$ -
65085096-583000	LAND ACQUISITION	-	-	-	-	1,700,000	-	(1,700,000)
65085096-587000	STORM SEWER IMPROVEMENTS	-	115,417	682,109	-	1,087,500	4,372,000	3,284,500
	SUBTOTAL	16,556	195,316	722,039	22,000	2,818,500	4,403,000	1,584,500
TOTAL STORMWATER CAPITAL EXPENSE		\$ 16,556	\$ 195,316	\$ 722,039	\$ 22,000	\$ 2,818,500	\$ 4,403,000	\$ 1,584,500
TOTAL NON-OPERATING REVENUES AND OTHER FINANCING USES		\$ 685,464	\$ 154,972	\$ (820,912)	\$ (180,210)	\$ (1,913,068)	\$ 946,596	\$ 2,859,664

SUN PRAIRIE STORMWATER UTILITY
2018-2022 Capital Improvement Plan

Capital Item	2018 Executive (\$)	2019 Projected (\$)	2020 Projected (\$)	2021 Projected (\$)	2022 Projected (\$)
Stormwater Extensions					\$ 205,000
Vandenburg Street	\$ 107,000				
Daniel Street	85,000				
Steven Street	83,000				
Steven Street		146,000			
Colorado Avenue			65,000		
Wyoming Avenue				180,000	
Street Reconstruction (Annual Stormwater Improvement)					
2018 Stormwater Improvements:					
S. Thompson Road	300,000				
Hoover Street Reconstruction	20,000				
E. MacArthur Street Reconstruction	75,000				
E. Kohler Street Reconstruction	42,000				
E. Goodland Street Reconstruction	44,000				
Taft Street Reconstruction	68,000				
W Klubertanz Dr (Bristol to North) Reconstruction	35,000				
Knorr Street Reconstruction	68,000				
Baitinger Court Reconstruction	53,000				
Wagner Court Reconstruction	35,000				
Chase Boulevard Reconstruction	148,000				
North City Station Drive	66,000				
W. Klubertanz Dr (Summit to North)	43,000				
Total Annual Stormwater Improvements		1,596,000	455,400	429,250	529,000
Stormwater Facilities					
NW Koshkonong Construction	3,100,000				
S Koshkonong (Yelk Farm)		50,000	500,000		
TMDL Water Quality Requirements					
TMDL - MMSD Adaptive Management	18,000	18,000	18,000	18,000	18,000
TMDL - Water Quality Projects		200,000	200,000	200,000	200,000
Maintenance Equipment					
Single Axle Chipper/Anti-icing Truck		43,350			
Three Wheeled Street Sweeper		225,000			
Utility Box Truck with Mounted Crane		57,000			
Lawn Sweeper			11,700		
Skidsteer Loader			53,000		
			500		
Debt Issuance Costs	70,000		33,000		18,000
Total	\$ 4,460,000	\$ 2,335,350	\$ 1,336,600	\$ 827,250	\$ 970,000

FINANCING SUMMARY:

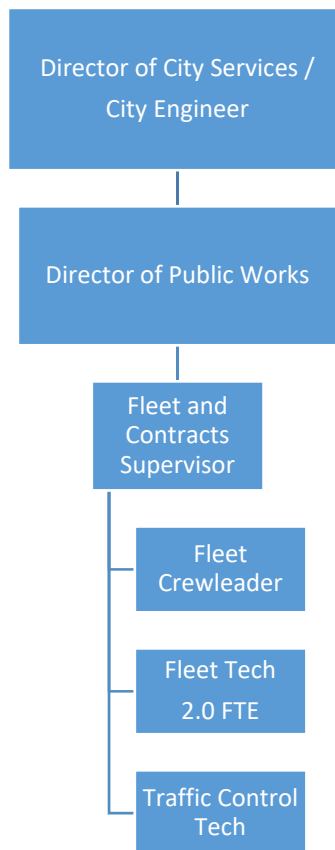
Cash	\$ 18,000	\$ 543,350	\$ 282,700	\$ 218,000	\$ 218,000
Debt	4,442,000	1,792,000	1,053,900	609,250	752,000
Less 2017 Borrowing	(3,242,000)	-	-	-	-
Restricted Funds	-	-	-	-	-
TIF Funded	-	-	-	-	-
Contributed Capital	-	-	-	-	-
Prior Year Debt Available	-	-	-	-	-
Total	\$ 1,218,000	\$ 2,335,350	\$ 1,336,600	\$ 827,250	\$ 970,000

ENTERPRISE FUNDS

Fleet In-service

MISSION

Acquire, maintain, account for, and dispose of all fleet assets in a cost effective, safe, reliable, environmentally sound and efficient manner. Provide related support services responsive to customer needs.



DESCRIPTION

The Department of Public Works provides complete turnkey service for all vehicles and equipment. Activities include specifying, purchasing, maintaining, recording maintenance history, and disposal of vehicles and equipment. The Department maintains and evaluates the fleet replacement plan. It collaborates with departments on future needs to ensure that the replacement plan is current and

provides proper funding projections for long term planning. The Department also monitors fleet health and compares it to expectations and projections.

The Department researches and applies new technologies and practices. Personnel are trained to utilize technologies and practices to provide a better product to customers. This manifests as reduced downtime and enhanced vehicle and equipment reliability.

The Department has a streamlined annual maintenance contracts process. It has established defined preventive maintenance schedule informed by past data and trends.

2017 BUDGET HIGHLIGHTS

Fuel costs are projected to remain below budget as costs remain low and the mild winter reduced the amount of plowing. Repair cost are trending down also due to the mild winter and reduced plowing. While snow removal is not the only type of operations performed by vehicles it is one of the more costly operations that add more wear and tear on vehicles.

2018 BUDGET HIGHLIGHTS

Fleet Maintenance is able to meet the needs of the City Fleet while the number of vehicles continue to grow and staff also performs snowplow operations.

The 2018 cost to continue estimate will allow the Department to continue to implement and improve the internal service fund with the goal of funding all future year vehicle replacements.

PERFORMANCE MEASUREMENT

Preventive maintenance comprises 80% of all service on city vehicles and equipment.

Measure	2013	2014	2015	2016	2017
Work Orders	705	737	1,011	933	755
Preventive Maintenance %	73%	70%	78%	73%	75%
Outside Repair Costs	\$6,579	\$2,777	\$9,947	\$27,295	\$16,502
Total Repair Costs	\$242,669	\$198,300	\$225,936	\$380,994	\$288,438

The 2017 figures represent data as of August 18, 2017.

STAFFING SUMMARY

2017			
	FTE	OT/Seasonal	Total
General Fund	\$42,726	\$0	\$42,726
Fleet Fund	\$275,221	\$4,490	\$279,711
Total	\$317,947	\$4,490	\$322,437
FTE	4.00	0.00	4.00
2018			
	FTE	OT/Seasonal	Total
General Fund	\$43,778	\$0	\$43,778
Fleet Fund	\$289,493	\$5,980	\$295,473
Total	\$333,271	\$5,980	\$339,251
FTE	4.00	0.00	4.00
Change			
	FTE	OT/Seasonal	Total
Dollars	\$15,324	\$1,490	\$16,814
FTE	0.00	0.00	0.00

CITY OF SUN PRAIRIE
2018 RECOMMENDED BUDGET
FLEET INSERVICE FUND

	2015	2016	8/31/2017	2017	2017	2018	INCREASE	
	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>PROJECTION</u>	<u>BUDGET</u>	<u>RECOMMENDED</u>	<u>(DECREASE)</u>	
FLEET INTERNAL SERVICE FUND								
FLEET OPERATING REVENUES								
70004700-474140	CITYCLERK RENTAL CHARGES	\$ 179	\$ 445	\$ 41	\$ 179	\$ 105	\$ 885	780
70004700-474155	HR RENTAL CHARGES	-	-	23	118	58	121	63
70004700-474160	FINANCE RENTAL CHARGES	119	286	274	119	701	-	(701)
70004700-474170	ASSESSING RENTAL CHARGES	1,412	537	693	1,412	1,773	3,003	1,230
70004700-474180	INFORMATION TECH RENTAL CHARGES	159	286	165	159	422	339	(83)
70004700-474185	BUILDING MAINT RENTAL CHARGES	-	-	-	160	2,751	2,408	(343)
70004700-474210	POLICE RENTAL CHARGES	316,668	214,197	24,592	311,213	324,250	285,633	(38,617)
70004700-474215	POLICE COMM RENTAL CHARGES	279	-	-	278	-	-	-
70004700-474220	FIRE RENTAL CHARGES	3,268	53,035	24,872	5,000	10,000	8,426	(1,574)
70004700-474230	EMS RENTAL CHARGES	113,626	83,712	8,187	113,626	101,632	326,815	225,183
70004700-474240	BUILDING INSPECTION RENTAL CHARGE	12,709	11,093	4,019	10,908	10,053	28,149	18,096
70004700-474310	STREET MAINT RENTAL CHARGES	310,934	300,167	127,676	310,934	350,991	144,591	(206,400)
70004700-474330	ENGINEERING RENTAL CHARGES	35,028	35,285	2,386	35,028	9,734	15,749	6,015
70004700-474350	TRANSIT RENTAL CHARGES	6,893	6,268	-	-	-	-	-
70004700-474520	LIBRARY RENTAL CHARGES	917	-	-	895	-	59	59
70004700-474510	SPMC RENTAL CHARGES	-	-	-	896	438	-	(438)
70004700-474550	PARKS & MAINT RENTAL CHARGES	213,881	101,897	59,380	213,881	203,396	222,686	19,290
70004700-474551	RECREATION RENTAL CHARGES	-	-	191	213,882	489	2,162	1,673
70004700-474610	COMMUNITY DEV RENTAL CHARGES	239	234	94	203	240	174	(66)
70004700-474620	ECONOMIC DEV RENTAL CHARGES	457	1,750	500	389	1,279	534	(745)
TOTAL FLEET OPERATING REVENUES		\$ 1,016,768	\$ 809,192	\$ 253,093	\$ 1,219,280	\$ 1,018,312	\$ 1,041,734	23,422
FLEET INSERVICE OPERATING EXPENSES								
FLEET ADMINISTRATIVE COSTS								
70088072-551000	WORKERS' COMPENSATION COVERAGE	\$ -	\$ 6,165	\$ 7,882	\$ 10,343	\$ 9,843	\$ -	\$ (9,843)
70088072-552000	PROPERTY COVERAGE	-	3,582	3,618	3,618	3,762	2,042	(1,720)
70088072-553000	LIABILITY COVERAGE	-	989	987	987	1,038	1,126	88
70088072-554000	VEHICLE COVERAGE	-	13,575	14,079	14,079	15,678	20,077	4,399
70088072-554100	VEHICLE COVERAGE PAYMENTS	-	2,371	-	-	10,000	-	(10,000)
	SUB-TOTAL	-	26,682	26,566	29,027	40,321	23,245	(17,076)
TOTAL FLEET ADMIN EXPENSE		\$ -	\$ 26,682	\$ 26,566	\$ 29,027	\$ 40,321	\$ 23,245	\$ (17,076)
FLEET MAINTENANCE EXPENSE								
PERSONNEL SERVICES								
70088072-511000	REGULAR WAGES	\$ 266,613	\$ 220,219	\$ 128,102	\$ 185,288	\$ 195,945	\$ 204,459	8,514
70088072-513000	OVERTIME	839	3,150	1,716	2,690	1,200	2,500	1,300
70088072-517000	MISCELLANEOUS COMPENSATION	1,806	1,737	1,536	2,304	2,723	2,725	2
	SUB-TOTAL	269,258	225,106	131,354	190,282	199,868	209,684	9,816
FRINGE BENEFITS								
70088072-521000	SOCIAL SECURITY	16,139	17,160	9,881	14,557	15,091	16,037	946
70088072-522000	RETIREMENT	13,129	13,692	8,891	12,939	13,590	14,054	464
70088072-523000	HEALTH INSURANCE	48,460	48,241	28,519	43,995	46,628	41,174	(5,454)
70088072-524000	LIFE INSURANCE	346	464	287	431	421	447	26
70088072-525000	DENTAL INSURANCE	4,071	4,300	2,541	3,807	4,113	3,798	(315)
70088072-528000	POST EMPLOYMENT HEALTH PLAN	-	(14,253)	-	-	-	-	-
70088072-529000	WORK COMPENSATION INSURANCE	-	-	-	-	-	10,279	10,279
	SUB-TOTAL	82,145	69,604	50,120	75,729	79,843	85,789	5,946

CITY OF SUN PRAIRIE
2018 RECOMMENDED BUDGET
FLEET INSERVICE FUND

		2015	2016	8/31/2017	2017	2017	2018	INCREASE
		ACTUAL	ACTUAL	ACTUAL	PROJECTION	BUDGET	RECOMMENDED	(DECREASE)
MATERIALS & SUPPLIES								
70088072-531000	OFFICE SUPPLIES	-	-	-	200	200	200	-
70088072-532000	OPERATING SUPPLIES	14,204	15,385	6,577	11,000	11,000	12,000	1,000
70088072-533000	REPAIRS AND MAINTENANCE	133,509	178,652	4,218	10,000	104,000	54,000	(50,000)
70088072-533200							2,920	2,920
70088072-533210	REPAIRS AND MAINTENANCE - POLICE	1,220	7,780	5,584	9,000	27,000	27,000	-
70088072-533220	REPAIRS AND MAINTENANCE - FIRE	1,840	9,037	13,700	27,000	7,000	9,000	2,000
70088072-533230	REPAIRS AND MAINTENANCE - EMS	-	825	1,817	3,000	6,000	6,000	-
70088072-533310	REPAIRS AND MAINTENANCE - PW	-	-	23,527	50,000	-	50,000	50,000
70088072-534000	SMALL TOOLS	3,107	3,113	1,644	3,000	3,000	3,000	-
70088072-535000	UNIFORMS	1,220	1,663	1,052	1,600	1,400	1,500	100
70088072-536000	FUEL PURCHASES	71,380	59,215	33,930	70,000	105,000	100,000	(5,000)
	SUB-TOTAL	226,480	275,670	92,048	184,800	264,600	265,620	1,020
CONTRACTUAL SERVICES								
70031072-541000	COMMUNICATIONS	-	2,166	337	480	480	480	-
70031072-542000	UTILITIES	15,608	14,694	7,509	15,000	17,500	17,500	-
70031072-544000	PROFESSIONAL SERVICES	6,825	9,322	7,096	7,750	5,270	14,255	8,985
	SUB-TOTAL	22,433	26,182	14,942	23,230	23,250	32,235	8,985
PROFESSIONAL DEVELOPMENT								
70031032-563000	MEETINGS & TRAINING	-	315	-	1,000	1,200	1,200	-
TOTAL FLEET MAINTENANCE EXPENSE		\$ 600,316	\$ 596,877	\$ 288,465	\$ 475,041	\$ 568,761	\$ 594,528	\$ 25,767
FIXED CHARGES								
70088032-571000	DEPRECIATION	528,906	567,278	-	530,000	530,000	570,000	40,000
	SUB-TOTAL	528,906	567,278	-	530,000	530,000	570,000	40,000
CAPITAL ITEMS								
70031032-581100	MINOR CAPITAL	895	-	-	-	-	5,550	5,550
70031032-582000	VEHICLES	-	-	23,756	-	806,000	427,000	(379,000)
70031032-582210	VEHICLES POLICE	-	-	173,025	225,440	225,440	129,000	(96,440)
70031032-582310	PUBLIC WORKS VEHICLES	-	-	240,625	397,440	470,440	172,750	(297,690)
	SUBTOTAL	895	-	437,405	622,880	1,501,880	734,300	(767,580)
TOTAL FLEET CAPITAL EXPENSE		\$ 529,801	\$ 567,278	\$ 437,405	\$ 1,152,880	\$ 2,031,880	\$ 1,304,300	\$ (727,580)
OPERATING INCOME (LOSS)		\$ 1,087,283	\$ 812,109	\$ 77,587	\$ 512,414	\$ (485,128)	\$ 308,717	\$ 793,845
FLEET NON-OPERATING REVENUES								
70004300-438215	MISCELLANEOUS GRANTS	\$ -	\$ 25,070	\$ 7,000	\$ -	\$ 7,000	\$ -	\$ (7,000)
70004300-435000	STATE GRANTS - GENERAL	-	-	-	-	-	71,400	71,400
70004700-471000	INVESTMENT INCOME	-	-	640	-	-	-	-
70004800-483200	SALE OF MATERIAL AND EQUIPMENT	-	1,703	1,183	2,000	-	-	-
70004800-484000	INSURANCE DIVIDEND & RECOVERY	-	32,426	4,704	4,704	4,166	3,935	(231)
70004800-488800	UTILITY REIMBURSEMENT	321	-	-	-	-	-	-
70004800-489000	MISCELLANEOUS REVENUES	3,488	6,607	4,184	4,184	-	-	-
70004900-491100	BOND PROCEEDS	-	-	-	-	1,063,900	285,200	(778,700)
70004900-491900	BOND PREMIUM	66	-	-	-	-	-	-
70004900-492100	TRANSFER IN	224,232	-	46,983	-	62,644	67,600	4,956
70004900-499000	FUND BALANCE APPLIED	-	-	-	-	40,702	56,366	15,664
70004900-494000	GAIN/(LOSS) ON DISPOSAL OF ASSETS	36,193	(19,619)	-	-	68,000	-	(68,000)
TOTAL FLEET NON-OPERATING REVENUES		\$ 264,300	\$ 46,187	\$ 64,694	\$ 10,888	\$ 1,246,412	\$ 484,501	\$ (761,911)

CITY OF SUN PRAIRIE
2018 RECOMMENDED BUDGET
FLEET INSERVICE FUND

	<u>2015</u>	<u>2016</u>	<u>8/31/2017</u>	<u>2017</u>	<u>2017</u>	<u>2018</u>	<u>INCREASE</u>
	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>PROJECTION</u>	<u>BUDGET</u>	<u>RECOMMENDED</u>	<u>(DECREASE)</u>
FLEET DEBT SERVICE							
70088095-592000 PRINCIPAL ON DEBT	\$ -	\$ -	\$ -	\$ 140,000	\$ 140,000	\$ 250,000	\$ 110,000
70088095-594000 INTEREST ON DEBT	1,499	10,502	17,255	31,905	31,905	59,540	27,635
70088095-597000 DEBT ISSUANCE COSTS	2,789	13,180	16,796	16,796	20,900	-	(20,900)
TOTAL FLEET DEBT SERVICE EXPENSE	\$ 4,288	\$ 23,682	\$ 34,051	\$ 188,701	\$ 192,805	\$ 309,540	\$ 116,735
NON-FLEET CAPITAL EXPENSE							
70031032-581320 LAND IMPROVEMENTS	-	-	-	-	-	75,200	75,200
70031032-582400 BUILDING IMPROVEMENTS	-	-	-	-	-	40,000	40,000
TOTAL NON-FLEET CAPITAL EXPENSE	-	-	-	-	-	115,200	115,200
TOTAL NON-OPERATING REVENUES AND OTHER FINANCING USES	\$ 260,012	\$ 22,505	\$ 30,643	\$ (177,813)	\$ 1,053,607	\$ 59,761	\$ (993,846)
TOTAL SOURCES (USES) OF FUNDS	\$ 1,347,295	\$ 834,614	\$ 108,230	\$ 334,601	\$ 568,479	\$ 368,478	\$ (200,001)

SUN PRAIRIE

Public Works

Fleet Replacement Plan

Unit	Year	Make/Model	Description	Life Cycle	Mileage	2018	2019	2020	2021	2022
Public Works										
123	2004	IH 2400	Single Axle Chipper	15 Years	38,669		\$130,000			
124	2007	FREIGHTLINER	Patrol Truck	15 Years	29,974					241,000
139	2004	JD 410G	Backhoe	15 Years	2,196 Hours		125,000			
146	2003	JD772CH	Motor Grader	18 Years	1,341 Hours				290,000	
150	2009	JD 544K	Endloader	12 Years	2,217 Hours				220,000	
179	2010	FORD	Pickup	10 Years	55,095		43,000			
180	2010	FORD	Flatbed Dump	10 Years	51,270		52,000			
181	2011	CHEVY	Flatbed Dump*	10 Years	44,019				53,000	
182	2012	FORD	Pick Up	10 Years	33,826					50,000
200	2003	LOADMASTER	Trailer	15 Years	N/A	14,000				
229	2005	STEPP SPH 2.5	Hot Box	15 Years	N/A			33,000		
255	2004	H&S	Spreader	15 Years	N/A		9,000			
256	2003	FELLING	Trailer	15 Years	N/A	10,000				
258	2004	BOMAG	Roller	15 Years	369 Hours		35,000			
268	2007	CRAFCO	Crack Router	8 Years	304 Hours					
269	2007	GRAFCO	Line Painter	8 Years	N/A					
275	2005	BOMAG TACK	Tack Machine	15 Years	N/A				20,000	
277	2010	MORBARK	Chipper	7 Years	998 Hours		56,000			
279	2014	MORBARK	Chipper	7 Years	527 Hours				63,000	
280	2013	DURAPATCHER	Spray patcher	8 Years	N/A				97,000	
	2018		Pickup w/Plow	10 Years	0	42,000				
	2018		Flatbed Dump Body w/ Plow	10 Years	0	50,000				
	2018		Pickup Truck	10 Years	0	26,000				
Total Public Works						\$ 142,000	\$ 450,000	\$ 33,000	\$ 743,000	\$ 291,000

*Upgrade fleet vehicle detailed project descriptions are located in the section labeled "New/Upgraded Capital Projects".

Building Inspection										
314	2007	FORD	Focus	10 Years	40,932	20,000				
316	2008	FORD	Ranger Pickup	10 Years	50158	26,000				
317	2009	FORD	Focus	10 Years	30,366		22,000			
319	2009	CHEVY	Silverado	10 Years	44252		27,000			
Total Building Inspection						\$ 46,000	\$ 49,000	\$ -	\$ -	\$ -

Administration										
315	2008	FORD	Focus	10 Years	42,129	22,000				
318	2009	FORD	Focus	10 Years	46,719		24,000			
320	2010	DODGE	MiniVan	10 Years	31107			30,000		
Total Admin						\$ 22,000	\$ 24,000	\$ 30,000	\$ -	\$ -

Parks										
562	1998	PRO SEED	Top Dresser	20 Years	N/A	22,000				
566	2005	SMITHCO	Lawn Sweeper	15 Years	293 Hours			35,000		
567	2007	FORD	Ranger Pickup	10 Years	55048	26,000				
	2018	BOBCAT	Tool Cat	7 Years		58,000				
585	2011	JOHN DEERE	Wam Mower	7 Years	2,194 Hours	60,000				
586	2008	BOBCAT	Stump Grinder	9 Years	N/A		25,000			
587	2012	JOHN DEERE	Wam Mower	7 Years	1,812 Hours		62,000			
588	2013	JOHN DEERE	Wam Mower	7 Years	1,375 Hours			63,000		
592	2015	JOHN DEERE	Wam Mower	7 Years	805 Hours					70,000
Total Parks						\$ 166,000	\$ 87,000	\$ 98,000	\$ -	\$ 70,000

Public Works SubTotal						\$ 376,000	\$ 610,000	\$ 161,000	\$ 743,000	\$ 361,000
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EMS										
879	2012	FORD	Ambulance	6 Years	87,839	220,000				
880	2014	FORD	Ambulance	6 Years	53,370			243,000		
881	2016	FORD	Ambulance	6 Years	8,903					300,000
Total EMS						\$ 220,000	\$ -	\$ 243,000	\$ -	\$ 300,000

Fire Department										
S-5	1999	American La France	Heavy Rescue	20 Years	26874		300,000	450,000		
Total Fire Department						\$ -	\$ 300,000	\$ 450,000	\$ -	\$ -

SUN PRAIRIE

Public Works

Fleet Replacement Plan

Unit	Year	Make/Model	Description	Life Cycle	Mileage	2018	2019	2020	2021	2022
Police Department										
3	2015	FORD	SUV Squad Car	5 Years	59,698		44,000			
4	2017	FORD	SUV Squad Car	5 Years	74,887					52,000
5	2013	FORD	SUV Squad Car	5 Years	87,717	43,000				
6	2013	FORD	SUV Squad Car	5 Years	104,109	43,000				
7	2017	FORD	SUV Squad Car	5 Years	53,753					52,000
8	2014	FORD	SUV Squad Car	5 Years	44,442		44,000			
9	2016	FORD	SUV Squad Car K-9 Unit	5 Years	10,200				48,000	
10	2014	FORD	SUV Squad Car	5 Years	70,582		44,000			
11	2015	FORD	SUV Squad Car	5 Years	24,852			46,000		
12	2015	FORD	SUV Squad Car	5 Years	41,257			46,000		
13	2013	FORD	SUV Squad Car	5 Years	69,272	43,000				
14	2011	FORD	SUV Squad Car	5 Years	42,073			46,000		
15	2016	FORD	SUV Squad Car	5 Years	10,616				47,000	
17	2017	FORD	SUV Squad Car	5 Years	34,251					52,000
30	2009	CHEVY	Chiefs Car	10 Years	94,896		35,000			
31	2009	FORD F-150	CSO Pickup	10 Years	70,244		42,000			
Total Police Department						\$ 129,000	\$ 209,000	\$ 138,000	\$ 95,000	\$ 156,000
TOTAL FLEET INSERVICE FUND						\$ 725,000	\$ 1,119,000	\$ 992,000	\$ 838,000	\$ 817,000

~ Items highlighted are included in the Capital Improvement Plan and will be borrowed for.