

RACINE, WISCONSIN

ADOPTED

TEN YEAR CAPITAL
IMPROVEMENT PLAN



2013 - 2022

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WASTEWATER UTILITY

Project Description and Location	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total cost	Funding Source	Project Responsibility
GENERAL PLANT													
PLC & SCADA Equipment	\$ 40,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 300,000	Reserves	Wastewater
Laboratory Equipment	40,000	40,000	-	30,000	-	-	-	-	-	-	110,000	Reserves	Wastewater
Roof Replacement	-	80,000	-	-	-	-	-	-	-	-	80,000	Reserves	Wastewater
Window Replacement	10,000	10,000	10,000	10,000	-	-	-	-	-	-	40,000	Reserves	Wastewater
Land Acquisition	2,000,000	2,000,000	1,000,000	-	-	-	-	-	-	-	5,000,000	Regional COS	Wastewater
Hach UVT Analyzer	20,000	20,000	-	-	-	-	-	-	-	-	40,000	Reserves	Wastewater
Security Improvements	20,000	-	10,000	10,000	-	-	-	-	-	-	40,000	Reserves	Wastewater
Flow-Thru Samplers	8,000	8,000	8,000	-	-	-	-	-	-	-	24,000	Reserves	Wastewater
Primary Clarifier Equipment	-	-	500,000	500,000	-	-	-	-	-	-	1,000,000	Reserves	Wastewater
Concrete Replacement	50,000	500,000	500,000	-	-	-	-	-	-	-	1,050,000	Reserves	Wastewater
Biogas Pretreatment Equipment	1,000,000	-	-	-	-	-	-	-	-	-	1,000,000	Regional COS	Wastewater
Energy Savings - Biogas Generator	650,000	-	-	-	-	-	-	-	-	-	650,000	Reserves	Wastewater
Energy Savings - OpenCel	350,000	-	-	-	-	-	-	-	-	-	350,000	Reserves	Wastewater
Energy Savings - wind/solar	-	-	-	-	500,000	-	-	-	-	-	500,000	Reserves	Wastewater
Energy Savings - Organics Tank	-	230,000	-	-	-	-	-	-	-	-	230,000	Reserves	Wastewater
Energy Savings - LED lighting	20,000	20,000	20,000	20,000	20,000	-	-	-	-	-	100,000	Reserves	Wastewater
Railing Replacement	-	50,000	-	-	-	-	-	-	-	-	50,000	Reserves	Wastewater
Overhaul Engine #3/Blowers	200,000	200,000	200,000	-	-	-	-	-	-	-	600,000	Reserves	Wastewater
	<u>4,408,000</u>	<u>3,178,000</u>	<u>2,268,000</u>	<u>590,000</u>	<u>620,000</u>	<u>20,000</u>	<u>20,000</u>	<u>20,000</u>	<u>20,000</u>	<u>20,000</u>	<u>11,164,000</u>		
AUTOMOTIVE													
Replace Vehicles	\$ 50,000	\$ 45,000	\$ 80,000	\$ 295,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 470,000	Reserves	Wastewater
Replace Rodder or Vactor	-	-	465,000	-	-	-	-	-	-	-	465,000	Reserves	Wastewater
	<u>50,000</u>	<u>45,000</u>	<u>545,000</u>	<u>295,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>935,000</u>		
COLLECTION SYSTEM													
LS #1 PLC upgrade	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	Reserves	Wastewater
LS #6 Force Main Replacement	-	200,000	-	-	-	-	-	-	-	-	200,000	Reserves	Wastewater
Maryland Avenue Interceptor	-	-	-	-	140,000	-	-	-	-	-	140,000	Surcharge	Wastewater
LS #1 Air Handlers	55,000	-	-	-	-	-	-	-	-	-	55,000	Reserves	Wastewater
LS #16 Hamilton (walker site)	-	1,200,000	-	-	-	-	-	-	-	-	1,200,000	City of Racine	Wastewater
LS #2 Storage Basin	-	100,000	9,168,000	-	-	-	-	-	-	-	9,268,000	Regional COS	Wastewater
Interceptor Improvement Projects	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	Surcharge	Wastewater
Lakeview Park Storage Basin & 48" Interc	-	-	200,000	14,084,000	-	-	-	-	-	-	14,284,000	Regional COS	Wastewater
Lift Station #1 W Force Main, West Bl. Inte	-	-	-	100,000	5,142,000	-	-	-	-	-	5,242,000	Regional COS	Wastewater
West Blvd Diversion Interceptor	-	-	-	-	3,281,000	-	-	-	-	-	3,281,000	Regional COS	Wastewater
North Park Force Main Ext	-	-	-	-	50,000	1,884,000	-	-	-	-	1,934,000	Regional COS	Wastewater
LaSalle St Interceptor Upgrades	-	-	-	-	-	445,000	-	-	-	-	445,000	Regional COS	Wastewater
Chicory Rd Storage Basin	-	-	-	-	-	100,000	8,950,000	-	-	-	9,050,000	Regional COS	Wastewater
North Park Storage Basin	-	-	-	-	-	-	75,000	5,300,000	-	-	5,375,000	Regional COS	Wastewater
KR Storage Basin/Interceptor Improvemer	-	-	-	-	-	-	-	500,000	62,863,000	-	63,363,000	Regional COS	Wastewater
Lift Station 31 Storage Basin	-	-	-	-	-	-	-	-	50,000	2,800,000	2,850,000	Regional COS	Wastewater
	<u>190,000</u>	<u>1,600,000</u>	<u>9,468,000</u>	<u>14,284,000</u>	<u>8,713,000</u>	<u>2,529,000</u>	<u>9,125,000</u>	<u>5,900,000</u>	<u>63,013,000</u>	<u>2,900,000</u>	<u>117,722,000</u>		
TOTALS	<u>\$ 4,648,000</u>	<u>\$ 4,823,000</u>	<u>\$ 12,281,000</u>	<u>\$ 15,169,000</u>	<u>\$ 9,333,000</u>	<u>\$ 2,549,000</u>	<u>\$ 9,145,000</u>	<u>\$ 5,920,000</u>	<u>\$ 63,033,000</u>	<u>\$ 2,920,000</u>	<u>\$ 129,821,000</u>		
Method of Financing													
Reserves (Rates)	\$ 1,548,000	\$ 1,423,000	\$ 1,813,000	\$ 885,000	\$ 620,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 6,389,000		
Surcharges	100,000	100,000	100,000	100,000	240,000	100,000	100,000	100,000	100,000	100,000	1,140,000		
Regional-Other Jurisdictions Cost of Se	3,000,000	3,300,000	10,368,000	14,184,000	8,473,000	2,429,000	9,025,000	5,800,000	62,913,000	2,800,000	122,292,000		
State-Clean Water Fund Loan	-	-	-	-	-	-	-	-	-	-	-		
TOTAL COST	<u>\$ 4,648,000</u>	<u>\$ 4,823,000</u>	<u>\$ 12,281,000</u>	<u>\$ 15,169,000</u>	<u>\$ 9,333,000</u>	<u>\$ 2,549,000</u>	<u>\$ 9,145,000</u>	<u>\$ 5,920,000</u>	<u>\$ 63,033,000</u>	<u>\$ 2,920,000</u>	<u>\$ 129,821,000</u>		