

RACINE, WISCONSIN

TEN YEAR CAPITAL IMPROVEMENT PLAN



2014 - 2023

Adopted November 19, 2013

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WASTEWATER UTILITY

Project Description and Location	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total cost	Funding Source	Project Responsibility
GENERAL PLANT													
PLC & SCADA Equipment	\$ 25,000	\$ 20,000	\$ 20,000	\$ 100,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 285,000	Reserves	Wastewater
Laboratory Equipment	40,000	-	30,000	-	-	-	-	-	-	-	70,000	Reserves	Wastewater
Roof Replacement	80,000	-	-	-	-	-	-	-	-	-	80,000	Reserves	Wastewater
Window Replacement	10,000	10,000	10,000	-	-	-	-	-	-	-	30,000	Reserves	Wastewater
Land Acquisition	5,000,000	-	-	-	-	-	-	-	-	-	5,000,000	Regional COS	Wastewater
Hach UVT Analyzer	20,000	-	-	-	-	-	-	-	-	-	20,000	Reserves	Wastewater
Security Improvements	-	10,000	10,000	-	-	-	-	-	-	-	20,000	Reserves	Wastewater
Flow-Thru Samplers	8,000	8,000	-	-	-	-	-	-	-	-	16,000	Reserves	Wastewater
Primary Clarifier Equipment	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000	Reserves	Wastewater
Concrete Replacement	500,000	500,000	-	-	-	-	-	-	-	-	1,000,000	Reserves	Wastewater
Biogas Pretreatment Equipment	-	1,000,000	-	-	-	-	-	-	-	-	1,000,000	Regional COS	Wastewater
Energy Savings - Biogas Generator	-	600,000	-	-	-	-	-	-	-	-	600,000	Reserves	Wastewater
Energy Savings - OpenCel	350,000	-	-	-	-	-	-	-	-	-	350,000	Reserves	Wastewater
Final Flow Meters	14,000	14,000	-	-	-	-	-	-	-	-	28,000	Reserves	Wastewater
Energy Savings - Organics Tank	-	250,000	-	-	-	-	-	-	-	-	250,000	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
Total Solids Online Analyzer	8,000	-	-	-	-	-	-	-	-	-	8,000	Reserves	Wastewater
Ammonia Analyzer	10,000	-	-	-	-	-	-	-	-	-	10,000	Reserves	Wastewater
CEM Microwave Analyzer	11,000	-	-	-	-	-	-	-	-	-	11,000	Reserves	Wastewater
Overhaul Engine/Blowers	200,000	200,000	-	-	-	-	-	-	-	-	400,000	Reserves	Wastewater
	<u>6,321,000</u>	<u>2,707,000</u>	<u>115,000</u>	<u>145,000</u>	<u>65,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>9,578,000</u>		
AUTOMOTIVE													
Replace Vehicles	\$ -	\$ 105,000	\$ 40,000	\$ 110,000	\$ 200,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 505,000	Reserves	Wastewater
Replace Rodder or Vactor	-	-	465,000	-	-	-	-	-	-	-	465,000	Reserves	Wastewater
	<u>-</u>	<u>105,000</u>	<u>505,000</u>	<u>110,000</u>	<u>200,000</u>	<u>50,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>970,000</u>		
COLLECTION SYSTEM													
LS Controls/Building	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	Reserves	Wastewater
LS #6 Force Main Replacement	-	200,000	-	-	-	-	-	-	-	-	200,000	Reserves	Wastewater
Maryland Avenue Interceptor	-	-	-	-	200,000	-	-	-	-	-	200,000	Reserves	Wastewater
LS #16 Hamilton (walker site)	-	1,200,000	-	-	-	-	-	-	-	-	1,200,000	City of Racine	Wastewater
LS #1 Concrete	25,000	-	-	-	-	-	-	-	-	-	25,000	Reserves	Wastewater
CCTV Camera	75,000	-	-	-	-	-	-	-	-	-	75,000	Reserves	Wastewater
Spare Pump (Grove Ave Storage)	7,000	-	-	-	-	-	-	-	-	-	7,000	Reserves	Wastewater
Mobile Work/Welding Bench (Garage)	6,000	-	-	-	-	-	-	-	-	-	6,000	Reserves	Wastewater
Manhole Structure Rehab	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	200,000	Reserves	Wastewater
Lift Station #1 Controls Upgrade	50,000	-	-	-	-	-	-	-	-	-	50,000	Reserves	Wastewater
Lift Station #2 Controls Upgrade	30,000	-	-	-	-	-	-	-	-	-	30,000	Reserves	Wastewater
SCADA System Ext to Main Facility	10,000	-	-	-	-	-	-	-	-	-	10,000	Reserves	Wastewater
LS #2 Storage Basin	-	100,000	-	-	-	-	-	-	-	-	100,000	Regional COS	Wastewater
Interceptor Improvement Projects	400,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,300,000	Reserves	Wastewater
Lakeview Park Storage Basin & 48" Inter	-	-	200,000	14,084,000	-	-	-	-	-	-	14,284,000	Regional COS	Wastewater
Lift Station #1 W Force Main, West Bl. Ir	-	-	-	100,000	5,142,000	-	-	-	-	-	5,242,000	Regional COS	Wastewater
West Blvd Diversion Interceptor	-	-	-	50,000	3,281,000	-	-	-	-	-	3,331,000	Regional COS	Wastewater
North Park Force Main Ext	-	-	-	-	50,000	1,884,000	-	-	-	-	1,934,000	Regional COS	Wastewater
LaSalle St Interceptor Upgrades	-	-	-	-	-	25,000	445,000	-	-	-	470,000	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 Improvem	-	-	-	-	-	-	-	-	500,000	62,863,000	63,363,000	Regional COS	Wastewater
Lift Station 31 Storage Basin	-	-	-	-	-	-	-	-	-	50,000	50,000	Regional COS	Wastewater
	<u>688,000</u>	<u>1,685,000</u>	<u>385,000</u>	<u>14,419,000</u>	<u>8,858,000</u>	<u>2,029,000</u>	<u>665,000</u>	<u>9,145,000</u>	<u>5,920,000</u>	<u>63,033,000</u>	<u>106,827,000</u>		
TOTALS	<u>\$ 7,009,000</u>	<u>\$ 4,497,000</u>	<u>\$ 1,005,000</u>	<u>\$14,674,000</u>	<u>\$ 9,123,000</u>	<u>\$ 2,124,000</u>	<u>\$ 710,000</u>	<u>\$ 9,190,000</u>	<u>\$ 5,965,000</u>	<u>\$63,078,000</u>	<u>\$117,375,000</u>		
Method of Financing													
Reserves (Rates)	\$ 2,009,000	\$ 2,197,000	\$ 805,000	\$ 440,000	\$ 650,000	\$ 215,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 6,976,000		
Surcharges	-	-	-	-	-	-	-	-	-	-	-		
Regional-Other Jurisdictions Cost of S	5,000,000	1,100,000	200,000	14,234,000	8,473,000	1,909,000	545,000	9,025,000	5,800,000	62,913,000	109,199,000		
City TIF District	-	1,200,000	-	-	-	-	-	-	-	-	1,200,000		
TOTAL COST	<u>\$ 7,009,000</u>	<u>\$ 4,497,000</u>	<u>\$ 1,005,000</u>	<u>\$14,674,000</u>	<u>\$ 9,123,000</u>	<u>\$ 2,124,000</u>	<u>\$ 710,000</u>	<u>\$ 9,190,000</u>	<u>\$ 5,965,000</u>	<u>\$63,078,000</u>	<u>\$117,375,000</u>		