

SWRC South Plant Capacity Upgrades & Improvements

Project Number: WW045
Total Capital Cost: \$53,273,000.00

Department: WATER
Type: Capital Improvement
Timeline: 11/01/2022 to 12/31/2027

Request description:

This project proposes to design and construct capacity improvements and upgrades to the South Plant, including aeration and clarifier improvements. Additional aeration capacity will be constructed, reaching a total of four three-pass basins, four additional high speed turbo blowers and new membrane diffusers for the new basins. The South Plant aeration basins will be configured for MUCT biological phosphorus removal, including baffle walls, mixers and recirculation pumps. In addition, three additional 115' diameter secondary clarifiers will also be constructed.

Capital Costs	FY2023	FY2024	FY2025	FY2026	FY2027	Total
Design	\$ 4,933,000.00	\$ 4,933,000.00				\$ 9,866,000.00
Construction/Maintenance			\$ 13,154,000.00	\$ 13,154,000.00	\$ 13,154,000.00	\$ 39,462,000.00
Construction Engineering			\$ 1,315,000.00	\$ 1,315,000.00	\$ 1,315,000.00	\$ 3,945,000.00
Other						\$ -
Total	\$ 4,933,000.00	\$ 4,933,000.00	\$ 14,469,000.00	\$ 14,469,000.00	\$ 14,469,000.00	\$ 53,273,000.00

Funding Source	FY2023	FY2024	FY2025	FY2026	FY2027	Total
Water Capital Fund	\$ 4,933,000.00	\$ 4,933,000.00	\$ 14,469,000.00	\$ 14,469,000.00	\$ 14,469,000.00	\$ 53,273,000.00
Phosphorus Fund						\$ -
American Rescue Fund						\$ -
Total	\$ 4,933,000.00	\$ 4,933,000.00	\$ 14,469,000.00	\$ 14,469,000.00	\$ 14,469,000.00	\$ 53,273,000.00

Account Codes (Capital Costs):

240-210-41-115-000-00000-00000-531301	\$ 13,811,000.00
240-210-41-115-000-00000-00000-551-502	\$ 39,462,000.00
	\$ 53,273,000.00

Additional Information

Type of Project: Upgrade/Replacement
 Asset Type: Wastewater
 Project Manager: Amy Ries
 External Funding Sources: None.