

Program 8059 – Metro Rehabilitation and Facilities Improvements



View of Metropolitan Wastewater Treatment Plant (WWTP)

Description

This program provides funding for planning and implementation of a plant-wide renewal program at the Metropolitan Wastewater Treatment Plant (Metro WWTP).

Purpose and justification

The program provides for planning and implementation of projects to address renewal needs for continued reliable and sustainable wastewater service at the Metro WWTP through the year 2030.

Program location

The active projects within this program are in the following Council district: 13

Active projects in program

Project Number	Project Title
805990	Metro WWTP Site Preparation and Improvements
805998	Metro WWTP Services Buildings

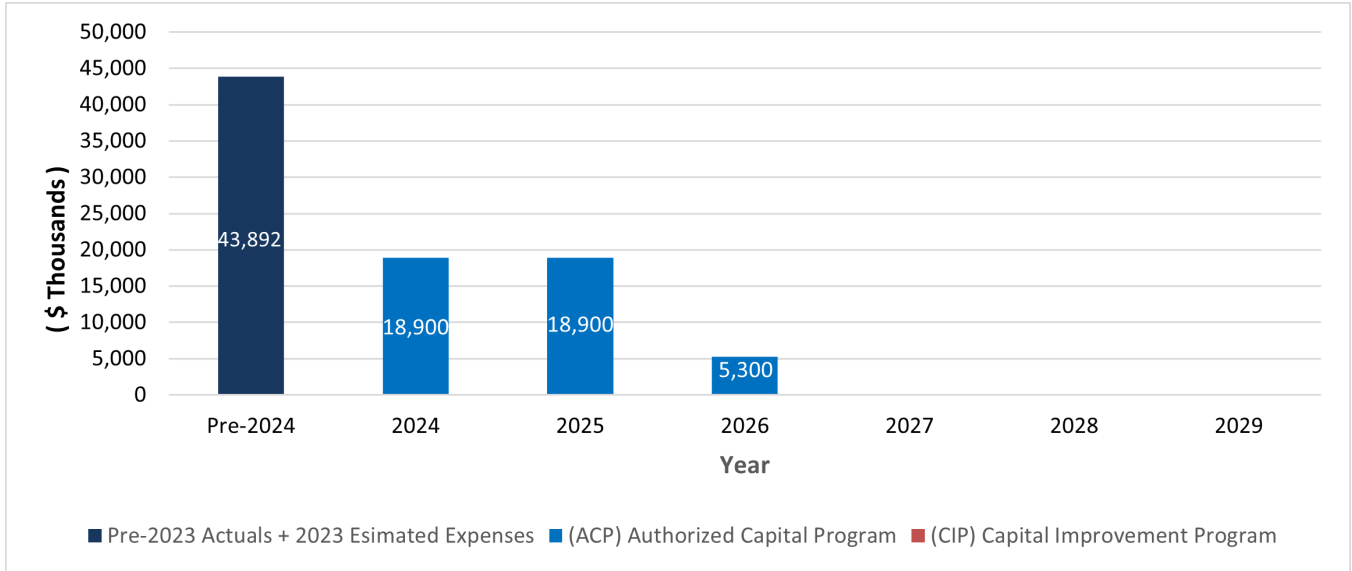
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Environmental Services 2024 through 2029 Capital Program

- Authorized Capital Program (ACP): \$86,991,572
- Capital Improvement Plan (CIP): \$0

Estimated program cash flow from 2024 through 2029

Note: the ACP is the total amount of all past and present authorizations including pre-2024 expenses.



Project location: Council district #13, City of Saint Paul, Metro WWTP



Left: 5th and 5th Road Rehabilitation; Right: Closed-loop cooling system at SMB

Project type

Plants

Objectives

Asset Preservation

Scope

The project rehabilitates roads, primary settling tanks, gravity thickening tanks, and parts of the influent channel; installs a waterline; renews the solids storage pad; and installs a closed-loop cooling system for instrument air compressors at two locations.

Project need

There is a need to replace or rehabilitate assets throughout the Metro Plant to extend service life.

Project schedule:



Planning: 2006 through 2008



Design: 2019 through 2020



Construction: 2021 through 2024

Financial analysis

2024 cash flow:	\$0
Current ACP:	\$12,708,000
2024 through 2029 cash flow:	\$0
Total project cost:	\$12,708,000

Project location: Council district #13, City of Saint Paul, Metro WWTP



Framing the western section of the Services Building

Project type

Plants

Objectives

Quality Improvements

Scope

Construct the Services Building and Field Service Annex adjacent to the Laboratory Building to provide offices for staff from the following groups: Construction Services, Water Resources, Industrial Waste Pollution Prevention, and Process Engineering, R&D, and Air Quality.

Project need

Some staff currently office within deteriorating buildings at the Metro Plant or in rental facilities away from Council property. There is a need to consolidate similar functions in common spaces to increase efficiency.

Project schedule:



Planning: 2006 through 2008



Design: 2020 through 2022



Construction: 2023 through 2026

Financial analysis

2024 cash flow:	\$18,900,000
Current ACP:	\$55,967,000
2024 through 2029 cash flow:	\$55,967,000
Total project cost:	\$55,967,000