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

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<th>Project Number</th>
<th>Project Title</th>
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<td>Metro WWTP Site Preparation and Improvements</td>
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<td>805998</td>
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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.
Metro WWTP Site Preparation and Improvements
Program family 8059  Project #805990

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

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:

|-----------------------------|--------------------------|-------------------------------|

Financial analysis
2024 cash flow: $0
Current ACP: $12,708,000
2024 through 2029 cash flow: $0
Total project cost: $12,708,000
Metro WWTP Services Buildings
Program family 8059
Project #805998

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

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:

|-----------------------------|---------------------------|-------------------------------|

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