Program 8091
Wastewater Reclamation Facilities

Description:
This program provides funding for planning activities needed to support the Council’s overall wastewater reuse initiative.

Purpose and Justification:
The Water Resources Policy Plan directs MCES to pursue wastewater reuse where it is economically feasible to promote sustainable water resources. Drivers include:

- Alleviating future regional conveyance pipe capacity constraints
- Conserving & supplementing groundwater & surface water
- Projects to reduce the future issuance of a water appropriation due to concerns about the area’s long-term water supply
- Projects driven by future regulatory requirements that result in effluent quality being closure to reuse standards

Program Location:
The active studies and projects within this program are relevant to all Council Districts. In particular, the Crow River Wastewater Reclamation Plant is planned to be built in District 1; the SE Metro
Wastewater Reclamation Facility has been planned for District 15; and the Scott County Wastewater Plant is planned for District 4.

Active Projects in Program:

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Title</th>
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</thead>
<tbody>
<tr>
<td>809110</td>
<td>Crow River Wastewater Reclamation Plant</td>
</tr>
<tr>
<td>809120</td>
<td>SE Metro Water Reclamation Facility</td>
</tr>
<tr>
<td>809130</td>
<td>Scott County Wastewater Plant - Land Acquisition</td>
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</tbody>
</table>

MCES 2021 – 2026 Capital Program:

- Authorized Capital Program (ACP): $6,775,000
- Capital Improvement Plan (CIP): $21,200,000

Estimated Program Cash Flow 2021 - 2026:

Note: The ACP is the total amount of all past and present authorizations including Pre-2021 Expenses.
Crow River Wastewater Treatment Plant

Program Family: 8091
Project # 809110

Project Location:
Council District # 1
City of Rogers
Crow River WWTP

PROJECT TYPE:
Wastewater Treatment Plant

OBJECTIVES:
Expand

CUSTOMER LEVEL OF SERVICE:
Comply with Permits, Minimize Impacts, Lead by Example, Be A Good Neighbor, Meet Capacity Needs, Communicate Information, Engage Customers, and Coordinate with Others

SCOPE:
MCES has recognized and planned for the need for a new wastewater facility in the northwest Metropolitan service area in the 2030 and 2040 Water Resources Policy Plans. The new facility, the Crow River Wastewater Treatment Plant, will be located on a parcel of land purchased by MCES in the City of Rogers near the Crow River. The facility will replace the existing MCES Rogers Wastewater Treatment Facility and will serve the City of Rogers as well as portions of Dayton and Corcoran. MCES is planning to start receiving flow at the facility in 2030.

PROJECT NEED:
This new Crow River Plant is needed to free up capacity for urban core growth in the Elm Creek interceptor which currently serves a rapidly expanding portion of Rogers. It also prepares for projected growth in the communities of Rogers, Dayton, Corcoran and the surrounding area.

PROJECT SCHEDULE

FINANCIAL ANALYSIS

<table>
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<tr>
<th>2021 Cash Flow</th>
<th>Current ACP</th>
<th>2021 – 2026 Cash Flow</th>
<th>Total Project Cost</th>
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Scott County Land Acquisition

**Project Location:**
Council District # 4
Louisville Township
Scott County, MN

**Program Family:** 8091
Project # 809130

**Future Regional WWTP Site Locations**

**Legend:**
- Site of Proposed Plant
- Potential WWTP Site
- Council Boundary
- Community Boundary
- Irrigated Land
- State Highway
- Lakes and Ponds

**Current MDESS Treatment Plant**

**Suitable Locations for Scott County WWTP**

**Project Type:** Plants

**Objectives:**
Expansion

**Customer Level of Service:**
Lead by Example, Meet Capacity Needs, and Coordinate with Others

**Scope:**
Council desires to acquire a suitable property in Scott County for the future regional wastewater reclamation plant identified in the 2040 Water Resources Policy Plan. An evaluation of potential sites for the proposed Scott County plant was conducted in 2007. That study considered six potential sites and ranked them based on various criteria. This project will further analyze the highest ranked sites from the original study to determine a recommended site and then acquire the site.

**Project Need:**
Increase capacity and/or extend services to developing areas to fulfill obligations of water resources policy plan and approved local comprehensive plans.

**Project Schedule**

- **Planning**
  - Land Acquisition 2019-2021

- **Design**
  - Plant Design-Post 2040

- **Construction**
  - Plant Construction-Post 2040

**Financial Analysis**

<table>
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<tr>
<th>Year</th>
<th>Cash Flow</th>
<th>Current ACP</th>
<th>2021 – 2026 Cash Flow</th>
<th>Total Project Cost</th>
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