Description:

This program provides funding for planning and implementation of improvements to wastewater solids processing facilities at the Seneca Wastewater Treatment Plant (WWTP).

Purpose and Justification:
The program provides for planning and implementation of projects to address renewal needs and new permit requirements for sewage sludge incineration at the Seneca WWTP. Miscellaneous performance improvements are included.

Program Location:
The active projects within this program are in Council District: 15

Active Projects in Program:

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<tr>
<th>Project Number</th>
<th>Project Title</th>
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<tr>
<td>807520</td>
<td>Seneca WWTP Solids Improvements</td>
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MCES 2020 – 2025 Capital Program:

**Authorized Capital Program (ACP)**
$29,523,384

**Capital Improvement Plan (CIP)**
$22,000,000

Estimated Program Cash Flow 2020 - 2025:

Note: The ACP is the total amount of all past and present authorizations including Pre-2020 Expenses.
**Seneca WWTP Solids Improvements**

**Project Location:**
- Council District # 15
- City of Eagan
- Seneca WWTP

**Program Family:** 8075  
**Project #** 807520

**Project Type:** Treatment Plant

**Objectives:** Preserve and Improve

**Customer Level of Service:** Comply with Permits, Be a Good Neighbor and Preserve Assets

**Scope:**
The project implements capital improvements to the solids processing facilities. The project includes the following energy conservation elements: replace sludge thickening equipment, aeration air control improvements, plant compressed air system improvements, and installation of high efficiency tunnel lighting. The project adds a portable generator to the Headworks building to reduce the risk of a wastewater spill due to disruption of the electrical service.

**Project Need:** Air pollution control for Seneca’s existing multiple hearth incinerators must be modified to meet new EPA emissions limits. Based on a condition assessment of the solids treatment facilities, the following need renewal work to extend service life: solids building roof, boiler system, warehouse building, primary scum pits, and odor control scrubber.

**Financial Analysis**

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**Project Schedule**

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