Description:
This program provides funding for planning and implementation of a new Hastings Wastewater Treatment Plant (WWTP) located at 2445 Ravenna Trail in Hastings and includes projects for construction of the new plant and associated interceptor system improvements.

Purpose and Justification:
MCES intends to relocate Hastings WWTP service to 2445 Ravenna Trail in Hastings to address the following challenges associated with the existing plant site:

1.) implementation of major infrastructure renewals,
2.) land use compatibility, and
3.) inability to expand the plant to the 2040 planned capacity of 4 MGD

The new plant site provides ability to expand the plant to meet the long-term planned capacity (post 2040).

Program Location:
The active projects within this program are in the following Council Districts: 16

Active Projects in Program:

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>809800</td>
<td>Hastings WWTP</td>
</tr>
</tbody>
</table>
MCES 2021 – 2025 Capital Program:

**Authorized Capital Program (ACP)**
- $2,000,000

**Capital Improvement Plan (CIP)**
- $30,000,000

Estimated Program Cash Flow 2021 - 2026:

<table>
<thead>
<tr>
<th>Year</th>
<th>Pre-2021</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-2020 Actuals + 2020 Estimated Expenses</td>
<td>500</td>
<td>500</td>
<td>500</td>
<td>500</td>
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<td>(ACP) Authorized Capital Program</td>
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<tr>
<td>(CIP) Capital Improvement Program</td>
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<td></td>
<td></td>
<td></td>
<td>10,000</td>
<td>10,000</td>
<td>10,000</td>
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</tbody>
</table>

Note: The ACP is the total amount of all past and present authorizations including Pre-2021 Expenses.
Hastings WWTP

**Program Family:** 8098
**Project #** 8098XX

**Project Location:**
- Council District # 16
- Hastings
- Relocated Hastings WWTP

**PROJECT TYPE:** Plant Improvements

**OBJECTIVES:** Expansion and Improvement

**CUSTOMER LEVEL OF SERVICE:** Meet Capacity Needs, Lead by Example and Coordinate with Others

**SCOPE:** Construct a new wastewater treatment plant in Hastings

**PROJECT NEED:** MCES intends to relocate Hastings WWTP service by the year 2026 to 2445 Ravenna Trail in Hastings. The existing plant site, located in downtown Hastings, presents challenges to major renewal, land use compatibility, and expandability of the plant to respond to growth and changes in regulatory requirements. The new plant site provides ability to expand to support growth in the long-term service area identified in the 2040 Water Resources Policy Plan, which may include land areas in the townships of Marshan, Nininger, or Vermilion.

**PROJECT SCHEDULE**

- **Planning**
  - 2020-2022
- **Design**
  - 2023-2024
- **Construction**
  - 2025-2030

**FINANCIAL ANALYSIS**

<table>
<thead>
<tr>
<th>2021 Cash Flow</th>
<th>Current ACP</th>
<th>2021 – 2026 Cash Flow</th>
<th>Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$500,000</td>
<td>$1,500,000</td>
<td>$31,500,000</td>
<td>$65,000,000</td>
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