

Business Item 2018-177:
**Public Hearing on the Draft Metro Plant
Solids Management Improvements Facility
Plan**

Rene Heflin, Manager, Plant Engineering

Environment Committee: June 26, 2018



Metro Plant Solids Management Facility Plan



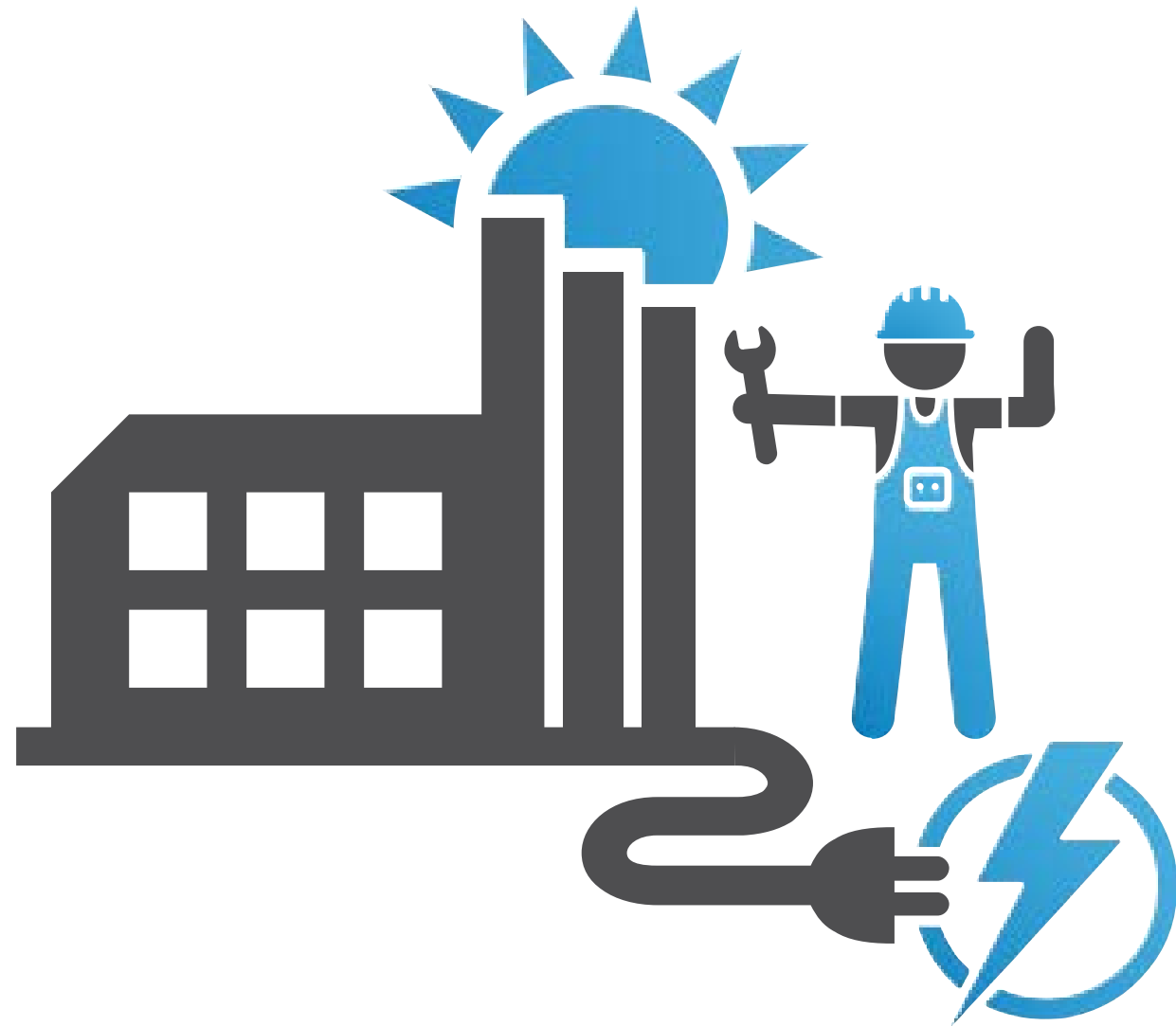
Thrive Outcomes

- Stewardship – supports efforts to maintain the region’s wastewater treatment system
- Sustainability – supports efforts to invest in the region’s wastewater treatment system so that it can be operated in an effective and efficient way

Project Drivers

The Metro Plant needs additional solids processing capacity to:

Preserve Existing Wastewater Treatment Plant Infrastructure



Serve Regional Population Growth



The existing incinerators will be 20 years old in 2025.

Alternative Analysis



**Fourth
Incinerator**



**Digest /
Incinerate**



**Digest / Dry /
Sell Product**



**Digest / Land
Apply Cake**

Adding a fourth incinerator costs 50% less to construct, operate, and maintain than any other alternative.

Sustainability



Lowest Air Emissions



Superior Energy Recovery



Similar GHG Emissions



Ash Reuse Potential



The fourth incinerator was found to be the most sustainable alternative.

Fourth Incinerator



Public Outreach



Project Schedule

Action	Timeframe
Public Outreach	4/23/18 – 6/26/18
Public Hearing for Facility Plan	8/30/18
Council Adopts Facility Plan	9/26/18
Design and Permitting	2019-202
Fourth Incinerator Construction	2021-2024
Existing Incinerator Removal	2025-2027

Proposed Action

- That the Metropolitan Council authorize a public hearing on the draft Metro Plant Solids Management Improvements Facility Plan, MCES Project Number 806210.

Questions