

Committee Report

Business Item No. 2016-28

Environment Committee

Meeting date: February 9, 2016

For the Metropolitan Council meeting of February 24, 2016

Subject: Adoption of the Facility Plan for the Metropolitan Wastewater Treatment Plant Asset Renewal

Proposed Action

That the Metropolitan Council adopt the facility plan for the Metropolitan Wastewater Treatment Plant Asset Renewal, MCES Project Number 808900, by formal Council Resolution 2016-4.

Summary of Committee Discussion/Questions

This renewal implementation plan is through 2023. Condition assessment would be done every 3-5 years to assure we are on track with renewal plan. Additional funding would be requested as needed.

Four participants were present at the public hearing on January 26. Individuals were interested in the odor improvements and power generation.

Motion to approve the proposed action above was made, seconded, and passed unanimously.

Environment Committee

Meeting date: February 9, 2016

For the Metropolitan Council meeting of February 24, 2016

Subject: Adoption of the Facility Plan for the Metropolitan Wastewater Treatment Plant Asset Renewal

District(s), Member(s): All

Policy/Legal Reference: PFA Loan Rules

Staff Prepared/Presented: Rene Heflin, 651-602-1077

Division/Department: MCES c/o Leisa Thompson 651-602-1053

Proposed Action

That the Metropolitan Council adopt the facility plan for the Metropolitan Wastewater Treatment Plant Asset Renewal, MCES Project Number 808900, by formal Council Resolution 2016-4.

Background

This Facility Plan is a continuation of the asset renewal program that began in 2009 with the Metropolitan Wastewater Treatment Plant Rehabilitation and Facilities Improvements Plan. This Plan recommends the following capital improvements to the liquids processing and plant-wide facilities for the Metropolitan Wastewater Treatment Plant:

1. **Influent Infrastructures-** Continues the parallel South St. Paul Force Main inside the plant.
2. **East Primary Treatment-** Includes channel mixing, gate actuators, and pipe modifications. Scum system improvements will facilitate scum feed to incineration for energy production.
3. **Secondary Treatment-** Includes aeration system diffusers, piping, and control valves, and mechanical mixers. Continues renewal of final clarifier inlet gates, RAS pumps, WAS pumps, scum pumps and controls.
4. **Plant-Wide Systems-** Includes process tank underdrain system, building roofs, miscellaneous piping systems and integration of wireless technology. Continues renewal of electrical distribution system.

Implementation will involve multiple construction projects completed over a seven-year period. The estimated capital cost is \$137,000,000.

A public hearing was held January 26, 2016. The public comment period ended February 5, 2016. Comments were received and addressed at the public hearing; they involved odor mitigation and energy production. No other comments have been received during the public comment period.

Rationale

Public Facilities Authority (PFA) loan funding eligibility requires formal adoption of the Facility Plan by resolution, following a public hearing on the draft Facility Plan.

Funding

Funds for project planning and initiation of design are included in the 2016 Capital Program. MCES will request additional funding as needed.

Known Support / Opposition

MCES staff is not aware of opposition to the project.

METROPOLITAN COUNCIL
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RESOLUTION NO. 2016-4
RESOLUTION APPROVING AND ADOPTING THE FACILITY PLAN
FOR THE METROPOLITAN WASTEWATER TREATMENT PLANT ASSET RENEWAL

Whereas, The Metropolitan Council is a public corporation and political subdivision of the State of Minnesota and has statutory responsibility for operating the Twin Cities Metropolitan Area regional wastewater collection and treatment system, and

Whereas, The Metropolitan Council has determined it is necessary and convenient for the fulfillment of its statutory responsibilities to construct the Metropolitan Wastewater Treatment Plant Asset Renewal Project, Project Number 808900, and

Whereas, A draft Facility Plan for the project has been completed and a public hearing was held on January 16, 2016 to discuss the proposed project and the draft Facility Plan

NOW, THEREFORE, BE IT RESOLVED BY THE METROPOLITAN COUNCIL that the Facility Plan for the Metropolitan Wastewater Treatment Plant Asset Renewal Project, Project Number 808900, is hereby approved and adopted.

Adopted this 24TH day of February, 2016

Adam Duinick, Chair

Emily Getty, Recording Secretary