

Environment Committee

Meeting date: November 10, 2015

For the Metropolitan Council meeting of November 18, 2015

Subject: Authorization to Hold a Public Hearing on the Draft Facility Plan for Metropolitan Wastewater Treatment Plant Asset Renewal

Proposed Action

That the Metropolitan Council authorize the General Manager of Environmental Services to hold a public hearing on the Draft Facility Plan for the Metropolitan Wastewater Treatment Plant Asset Renewal, MCES Project No. 808900.

Summary of Committee Discussion/Questions

The public hearing will include stakeholders in the environmental groups and the City of St. Paul. Public funding approval will be requested from the Minnesota Pollution Control Association in March 2016. Public funding will come from federal funding assigned to the state on our loans. The renewal will last through the next 8 years. Rehabilitation started in 2009; it encompassed other areas of the plant such as electrical cable replacement, generator improvements, and sludge storage tank and flotation thickener rehabilitation. This is a continuation of that program. At the conclusion of the renewal process, evaluation will be done on conditions and need for further rehabilitation.

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

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Subject: Authorization to Hold a Public Hearing on the Draft Facility Plan for Metropolitan Wastewater Treatment Plant Asset Renewal

District(s), Member(s): All

Policy/Legal Reference: Public Facilities Authority (PFA) Loan Rules

Staff Prepared/Presented: Rene Heflin, 651-602-1077; Bryce Pickart, 651-602-1091

Division/Department: MCES c/o Leisa Thompson, 651-602-8101

Proposed Action

That the Metropolitan Council authorize the General Manager of Environmental Services to hold a public hearing on the Draft Facility Plan for the Metropolitan Wastewater Treatment Plant Asset Renewal, MCES Project No. 808900.

Background

This draft Facility Plan represents the next phase of asset renewal at the Metropolitan Wastewater Treatment Plant. The program began with the 2009 Metropolitan Wastewater Treatment Plant Rehabilitation and Facilities Improvement Plan.

This draft Facility Plan recommends the renewal of secondary treatment plant aeration air system, including air piping and controls, and the tank underdrain system. The Plan includes influent channel mixing improvements and electronic gate actuators for the east primary influent channel, and modifications to the scum processing system. Electrical distribution substations, switchgear and motor control centers (MCCs) will also be renewed. Seven building roofs, originally installed in 1966 or earlier, will be replaced.

This draft Facility Plan also recommends the addition of a second South Saint Paul Force Main that will be routed to the head of the plant. This second pipe will provide redundancy for the original pipe that was constructed in 1971.

The estimated capital cost is \$137,000,000. Implementation will occur over 7-8 years.

Rationale

Public Facilities Authority (PFA) funding eligibility requires a public hearing before submitting the Facility Plan to the Minnesota Pollution Control Agency (MPCA).

Funding

Funds for project planning and design are included in the 2016 Capital Program.

Known Support / Opposition

A public hearing is tentatively scheduled to be held in the City of St. Paul in January 2016.