

Environment Committee

Meeting date: August 13, 2013

For the Metropolitan Council meeting of August 28, 2013

Subject: Authorization to Hold a Public Hearing on the Draft Facility Plan for Seneca Wastewater Treatment Plant Solids Processing Improvements, MCES Project No. 807500

District(s), Member(s): District 4, Gary VanEyll; District 5, Steve Elkins; District 15, Steven Chávez

Policy/Legal Reference: PFA Loan Rules

Staff Prepared/Presented: Bill Cook, 651-602-1811; Bryce Pickart 651-602-1091

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

Proposed Action

That the Metropolitan Council authorize the General Manager Environmental Services to hold a public hearing on the Draft Facility Plan for Seneca Wastewater Treatment Plant Solids Processing Improvements, MCES Project No. 807500.

Background

The Seneca Wastewater Treatment Plant was evaluated to determine the future solids processing needs to allow the plant to provide treatment capacity into the future. Recently EPA set new air emissions standards that apply to Multiple Hearth Incinerators effective in 2016. A Facility Planning effort was initiated to determine the scope of the work required to meet the new air emissions standards and to review the existing condition, capacity and level of service of the existing facilities and equipment. The following major project elements are recommended in the Facility Plan.

Renewal/Rehabilitation: replace solids building roof, replace boiler, re-purpose existing unused buildings, restore concrete scum pits, and replace odor control scrubber.

Caustic Addition: caustic addition is required for Seneca's two multiple hearth incinerators (MHIs) to reliably meet future EPA emissions limits for sulfur dioxide.

Energy Conservation: replace thickening centrifuges with gravity belt thickeners, make aeration efficiency improvements, and install high-efficiency tunnel lighting.

The estimated capital cost is \$25,000,000.

Rationale

Public Facilities Authority (PFA) funding eligibility requires a public hearing before submitting the Facility Plan to the MPCA. Council policy requires authorization of public hearings.

Funding

Funds for project planning and design are included in the 2013/2014 Capital Program. MCES will request construction funding for 2015.

Known Support / Opposition

A public hearing is tentatively scheduled to be held in the City of Eagan in October 2013.