

## Environment Committee

Meeting date: June 12, 2018

For the Metropolitan Council meeting of June 27, 2018

**Subject:** Minneapolis System - R04/Tunnel Adoption of Amended Facility Plan

**District(s), Member(s):** District 8, Cara Letofsky

**Policy/Legal Reference:** PFA Loan Requirement

**Staff Prepared/Presented:** Scott Dentz, 651-602-4503

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

### Proposed Action

That the Metropolitan Council adopt the Facility Plan Amendment for the Regulator 04 & 1-MN-344 Tunnel Rehabilitation, MCES Project No. 807629, per the attached Resolution No. 2018-6.

### Background

The Regulator 04 & 1-MN-344 Tunnel Rehabilitation, MCES Project No. 807629 is a sub-project to the Minneapolis Interceptor Rehabilitation, Phase 2 Project No. 807625 project family. The Minneapolis Interceptor Rehabilitation, Phase 2 facility plan was adopted by the Council in 2012.

Interceptor inspections, condition assessment; and flow control and level monitoring needs require renovation, reconfiguration, and rehabilitation of a number of MCES regulator structures and associated interceptors in the Minneapolis and Saint Paul service area. The proposed improvements will maintain and improve the integrity of MCES' facilities, minimize overflows that could pose a threat to public safety and health, and improve system reliability. The planning study assessed facility condition information, reviewed flow projections, identified and evaluated alternatives for improvements, and recommended an alternative to implement for each facility. The current adopted facility plan recommended the following alternatives:

- Realignment of a segment of 1-MN-344 between regulator R04 and interceptor 1-MN-340. Reconstruction of regulator R04.
- Flow control, level monitoring, structural modifications, and rehabilitation improvements to eight regulator facilities.
- Rehabilitation of 1-MN-344 upstream of regulator R04.
- Odor control Improvements to two drop shafts on interceptor 1-MN-340.

The rehabilitation of 1-MN-344 upstream of regulator R04 and improvements to regulators R05, R06, R10, and R12 are completed. Design was underway for the replacement R04 and 1-MN-344 realignment work when it was determined that groundwater dewatering necessary for construction may affect flow to the Coldwater Spring. Coldwater Spring has significant cultural and religious significance to the Native American community. As such, Environmental Services stopped the design work and re-evaluated alternatives available to rehabilitate existing facilities.

The revised recommendation for the regulator R04 and 1-MN-344 work is to rehabilitate these facilities using methods that will not impact groundwater flow to Coldwater Spring.

- Lining of the 1-MN-344 tunnel
- Refurbishment and rehabilitation of the Regulator R04 facility

- Rehabilitate two drop shafts adjacent to Hiawatha Ave.
- Remove settled materials from interceptor 1-MN-340

A Public Hearing was held on May 22, 2018. Comments were received at the public hearing and during the comment period that ended June 1, 2018. A comprehensive outreach program was implemented that included mailers, meetings, and a project website. Meetings were held with Minneapolis staff, Minneapolis City Council Member Johnson, National Park Service staff, Minneapolis Park Board Staff, Park Commissioner Musich, and the Minnehaha Creek Watershed District. One public meeting was held (nearly 4000 notices sent). Two neighborhood meetings were also held.

Attendance at the public hearing was limited to five individuals. Twelve people attended the public hearing. Written and email comments were received which be included in the Facility Plan Amendment. There was a mix of comments with many appreciating that the Council had re-evaluated the alternatives and found an alternative that would not impact the Coldwater Spring flow. Others were concerned with temporary park and trail access impacts during construction and tree loss. The Friends of Coldwater Springs and Mendota Mdewakanton Dakota Tribal Community are opposed to the use of ventilation shafts.

### **Rationale**

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

### **Thrive Lens Analysis**

This action advances the Thrive Outcome of Stewardship. Public financial resources will be invested efficiently and effectively to maintain and restore existing capacity to existing wastewater infrastructure, which protects the region's natural resources.

### **Funding**

Funding for this project is included in the 2018 Capital Program. MCES has submitted this project to PFA for inclusion in its 2019 Intended Use Plan.

### **Known Support / Opposition**

Known Support: Minnehaha Creek Watershed District, US National Park Service, City of Minneapolis, Minneapolis Parks

Known Opposition: Friends of Coldwater Springs, Mendota Mdewakanton Dakota Tribal Community

**METROPOLITAN COUNCIL**

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**RESOLUTION NO. 2018-6  
RESOLUTION APPROVING AND ADOPTING  
THE AMENDED FACILITY PLAN FOR THE  
MINNEAPOLIS INTERCEPTOR REHABILITATION PROJECT, PHASE 2  
PROJECT NO. 807625**

**WHERE AS:**

1. 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
2. The Metropolitan Council has determined it is necessary and convenient for the fulfillment of its statutory responsibilities to improve interceptors and maintenance holes in the City of Minneapolis, and
3. The Regulator 04 & 1MN344 Tunnel Rehabilitation Project No. 807629 is a sub-project to the Minneapolis Interceptor Rehabilitation Project, Phase 2 Project No 807625 family, and
4. A draft Amendment to the adopted Facility Plan for the project has been completed and a public hearing was held on May 22, 2018 to discuss the proposed project and the draft Facility Plan Amendment.

NOW, THEREFORE, BE IT RESOLVED BY THE METROPOILTAN COUNCIL, that the Amended Facility Plan for

**MINNEAPOLIS INTERCEPTOR REHABILITATION PROJECT, PHASE 2  
PROJECT NO. 807625**

is hereby approved and adopted.

Adopted this 27th day of June 2018.

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Alene Tchourumoff, Chair

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Emily Getty, Recording Secretary