

### Environment Committee

For the Metropolitan Council meeting of August 27, 2014

<b>Subject:</b> Ratification of Declaration of Emergency for Repair of Interceptor 7113
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#### **Proposed Action**

That the Metropolitan Council ratifies the attached Justification for and Declaration of Emergency for Repairs to Interceptor 7113.

#### **Summary of Committee Discussion/Questions**

Staff showed the location of where the work will be done to clarify where the permanent 20 inch pipe will be replaced. Further, the 40 year old pipe has diminished thickness due to corrosion.

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

## Environment Committee

Meeting date: August 12, 2014

For the Metropolitan Council meeting of August 27, 2014

**Subject: Ratification of Declaration of Emergency for Repair of Interceptor 7113**

**District(s), Member(s): District 3, Jennifer Munt**

**Policy/Legal Reference: Policy 3 -3, Expenditures**

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

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

### Proposed Action

That the Metropolitan Council ratifies the attached Justification for and Declaration of Emergency for Repairs to Interceptor 7113.

### Background

Interceptor 7113 is a force main associated with the Orono and Long Lake pump stations and discharges into the influent gravity sewer immediately upstream of the Wayzata pumping station. The Wayzata pump station (L26) is currently undergoing improvements. These improvements require that the wastewater flow be conveyed around the pumping station to allow implementation of piping work within the station.

While making the connection to the 7113 force main severe deterioration of the pipe wall was found that prevented direct connection of temporary conveyance facilities to the force main at the planned location. This has effectively stopped the work. Initial investigation revealed corrosion damage of the 7113 force main extended at least 800 feet upstream of L26. Subsequent pipe wall measurements at maintenance structures and buried locations revealed that corrosion damage extends to a location approximately 3,200 feet upstream.

The 7113 force main is a single barrel force main that serves the communities of Orono, Long Lake, Minnetonka Beach, Spring Park and Wayzata, all upstream of L26. In addition, the force main is adjacent to the BNSF railroad. Failure of the force main will interrupt service and result in discharge of wastewater into the environment. The railroad may also be impacted if ground loss/erosion develops as a result of a failure.

### Rationale

Metropolitan Council has delegated authority to the Regional Administrator to declare emergencies on behalf of the Council when the health, safety or welfare of the public is compromised or potentially compromised, and immediate action is required to address the emergency. The emergency declaration is then presented to the appropriate implementation committee for approval, and placed on a following Council consent list for formal ratification.

### Funding

The cost of the work is estimated at \$1,000,000. Funding is provided in the 2014 MCES Capital Program, Project 802849, since the work will replace this section of forcemain, and has been part of the capital improvement plan.

### Known Support / Opposition

No known opposition