

Environment Committee

Meeting date: July 14, 2020

For the Metropolitan Council meeting of July 22, 2020

Subject: Ratification of Declaration of Emergency #62 for Primary Tank Collector Chain – Three Tanks

District(s), Member(s): District 13, Chai Lee

Policy/Legal Reference: Council Policy 3 - Expenditures

Staff Prepared/Presented: Tim Amstutz, 651-602-1221; Dan White, 651-602-8299

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

Proposed Action

That the Metropolitan Council ratify the attached Justification for and Declaration of Emergency for Primary Settling Tank Collector Chain Mechanisms for three tanks.

Background

The eight Metro Primary Settling Tanks remove settleable solids using a collector chain mechanism that consists of chain, sprockets and flights. The chains are prematurely failing and require frequent repair and replacement. The quality of cast iron chain that can be purchased has decreased over the years and a different material is recommended to extend service life. Stainless steel is recommended to replace the existing cast iron chains. Tanks 4 and 7 require immediate chain replacement before winter in order to maintain a minimum of six functioning tanks. Failure of a third tank this winter is likely. There is not enough time left in 2020 to purchase and install chain and sprocket segments for tanks 4 and 7 through public advertisement.

The selected vendor, Senqcia Maxco, has the stainless-steel chain available in their warehouse in the quantities required for tanks 4 and 7. The sprockets segments will be fabricated.

Estimated lead time for the new chain is two weeks, and the estimated lead time for the sprocket segments is one month. Installation will be by the Metro Maintenance staff.

Rationale

The 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.

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

The estimated cost for the emergency work is \$1,000,000. This work will be funded out of capital project 805981.

Known Support / Opposition

No known opposition.



EMERGENCY DECLARATION FORM

"A declared public emergency is an emergency situation in which the health, safety or welfare of the public or the safety of Metropolitan Council employees or facilities is compromised or potentially compromised and requires immediate action to correct."

I REQUEST THAT A PUBLIC EMERGENCY BE DECLARED, BASED UPON THE FOLLOWING:

Describe the nature of the emergency situation.

The eight Metro Primary Settling Tanks remove settleable solids using a collector chain mechanism. The chains have been prematurely failing requiring frequent repairs and replacement. Cast iron chain quality has decreased over the years and a different material is recommended to extend service life. Tanks 4 and 7 require immediate chain replacement before winter in order to maintain a minimum of 6 functional tanks; failure of a third tank this winter is likely. There is not enough time left in 2020 to purchase and install chain for tanks 4 and 7 through public advertisement.

Explain why this situation is a present, immediate, and existing emergency.

6 functioning tanks are required at all times to maintain performance of downstream processes and equipment and to reliably meet permit requirement. Tanks 4 and 7 require immediate chain replacement. Other tanks have compromised chains and may fail this winter. Tanks 4 and 7 have to be replaced before winter in order to maintain a minimum of 6 functional tanks.

Explain how this emergency does or will affect the healthy, safety, or welfare of the public or the safety of Metropolitan Council employees or facilities.

Failure to replace the collector chain could result in release of primary sludge to the Secondary Treatment Process and compromise the Plants ability to meet permit requirements.

Describe the supplies or services which must be acquired to remedy this emergency situation, including the estimated cost.

Purchase stainless steel chain for 3 primary tanks (approximately 15,000 feet) from manufacture Senqcia Maxco or their local distributor.

Estimated Cost: \$1,000,000

Identify how you chose the contractor(s).

Metro Maintenance staff will install the chain.

I hereby certify that the information presented on this form is accurate and complete to the best of my knowledge and belief.

Requestor Signature

Heflin, Katherine
 Signature

6/30/2020 7:51:00 AM
 Date

Division Director/General Manager Signature

Thompson, Leisa
 Signature

6/30/2020 9:58:00 AM
 Date

Based on the above information, an emergency situation exists within the meaning of the Council Procurement Policy. Carrying out the competitive bidding process and the technical requirements of the Council's Procurement Policy and awaiting Council declaration of an emergency and approval for the purchase of materials or supplies or the making of emergency repairs would significantly and unacceptably delay the commencement of repair work on the above-referenced project. The Metropolitan Council, by its Procurement Policy, has delegated authority to the Regional Administrator to declare an emergency on behalf of the Council in such cases. Therefore, I declare on behalf of the Metropolitan Council, that an emergency exists as described above and that the emergency situation requires the immediate purchase of materials or supplies or the making of emergency repairs. I authorize the General Manager/Division Director named above to let appropriate contracts and make payments for the purchase of materials or supplies or the making of repairs necessary to meet the emergency situation without advertising for bids, without meeting other technical requirements of Council Procurement Policy, and without prior approval of the Council. If the costs to correct the emergency situation total \$100,000 or more, I direct that this emergency declaration and any such contracts and/or payments be presented to the Metropolitan Council for formal ratification at its next meeting.

Regional Administrator Signature

Bogie, Mary
 Signature

7/7/2020 5:45:00 PM
 Date