

Environment Committee

Meeting date: July 9, 2019

For the Metropolitan Council meeting of July 24, 2019

Subject: Ratification of Declaration of Emergency for Repair of Chanhassen Interceptor 8253-327

District(s), Member(s): District 3, Christopher Ferguson

Policy/Legal Reference: Policy 3-3, Expenditures

Staff Prepared/Presented: Jeannine Clancy, 651-602-1210

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

Proposed Action

That the Metropolitan Council ratify the attached Justification for the Declaration of Emergency for repairs to Interceptor 8253-327 in Chanhassen.

Background

On June 20, 2019 the MCES Interceptor 8253-327 failed and released approximately 500,000 gallons of wastewater into adjacent drainage facilities in the Lake Minnewashta Area and impacting the lake. Upon receiving notification of the event, Interceptor Services diverted flow to an alternate regional sewer. A contractor working on a nearby MCES project in Mound/Minnetrissa was dispatched to assist and repair the damaged portion of forcemain.

Environmental Services staff collected water samples on June 21st and initially posted signs for no swimming or fishing in the channel or stormwater pond as a precaution. Staff is continuing to monitor water quality until bacteria levels are consistently below state standards.

Rationale

Work was required immediately to protect public health.

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 \$175,000. This work will be funded out of the 2019 MCES Authorized Capital Program.

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.

INSTRUCTIONS: Fields marked with an asterisk (*) or outlined in red are required. All names must be entered in the following format: Last Name, First Name (e.g., Johnson, Joe). Residences must be limited to 255 characters, unless otherwise noted. Do not print this form.

For assistance, contact Procurement.

NOTE: The signature boxes are controlled by the status of the form and the name of the person who is logged in to the computer. For example, the Front Signature box will only be active when the person listed in the Front Name field is logged in to the computer. If you would like to save your progress and allow for the appropriate person to log in to the computer, please click the Save As Draft button at the bottom of the form. You will then receive an automated email containing a link to the form which, if necessary, you may forward to the appropriate person.

Requestor Name	Clancy, Jeannine
Requestor's Supervisor	Thompson, Leisa
Requestor Division	Environmental Services
Emergency Title	Emergency Repair of MCES Forcemain 8253-328 and Restoration of Public Infrastructure - Documentation to Correct 7/2/19 declaration
Describe the nature of the emergency situation.	<p>I REQUEST THAT A PUBLIC EMERGENCY BE DECLARED BASED UPON THE FOLLOWING:</p> <p>Please note that a maximum of 1275 characters are allowed in the space below.</p> <p>This Emergency Declaration corrects the Declaration approved on July 2, 2019. The Asset ID was incorrectly identified as 7102. All other content remains the same.</p> <p>On June 20, 2019, MCES FM 8253-328 failed and released 500,000 gallons of wastewater to drainage facilities in the lake Minnewashta Area, and impacting the lake. Upon notification Interceptor Services diverted the flow to an alternate regional sewer. Because of the size of the spill and the magnitude of the impact, MCES contractor Geislinger (working nearby on the County Road 44 Mound Project) was dispatched to assist and to repair the forcemain.</p>
Explain why this situation is a present, immediate, and existing emergency.	<p>Please note that a maximum of 1275 characters are allowed in the space below.</p> <p>Work is needed immediately to protect public health.</p>
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.	<p>Please note that a maximum of 1275 characters are allowed in the space below.</p> <p>Work is needed immediately to protect public health.</p>
Describe the supplies or services which must be acquired to remedy this emergency situation, including the estimated cost.	<p>Please note that a maximum of 1275 characters are allowed in the space below.</p> <p>Excavation, paving and general utility work.</p>
Estimated Cost	\$175,000
	Please note that a maximum of 1275 characters are allowed in the space below. Current count: 0 characters.

Quotes are not required in declared emergencies. If quotes were obtained, please attach them here.

Click the button below to attach any documents that should be routed along with the form. Remove all special characters (!@#\$\$%^&*) from filenames prior to attaching

LakeMinnewashtaSpill.pdf
RE_ Update -- ES sewer break in Chanhassen.pdf

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

Requestor	Signature	Date
	Clancy, Jeannine	7/5/2019 4:35:00 PM
Division Director/General Manager	Signature	Date
	Thompson, Leisa	7/8/2019 9:58:00 AM

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	Date
	Vadis, Meredith	7/8/2019 11:22:00 AM
Assigner	Signature	Date

Assign Contract Manager / Purchasing Agent

Comments

Minnewashta Spill Monitoring Site Locations City of Chanhassen



From: [Odonnell, Tim](#)
To: [Slawik, Nora](#); [Ferguson, Christopher](#); [Vadis, Meredith](#); [Bogie, Mary](#); [Brickman, Kate](#); [Mulry, Crystal](#); [Pallmeyer, Hannah](#); [Solo, Leah](#); [Thompson, Leisa](#); [Mereness, Mike](#); [Tracy, Bert](#); [Raser, Isaac](#); [Neis, Karen](#); [Clancy, Jeannine](#)
Cc: [Kollodge, Bonnie](#); [Fure, Michelle](#); [Taylor, Susan](#); [Chong, Bobbie](#); [Gordon, Adam](#); [Remus, Christopher](#)
Subject: RE: Update -- ES sewer break in Chanhassen
Date: Wednesday, June 26, 2019 11:55:20 AM
Attachments: [062519 Minnewashta Spill Map All.pdf](#)
[image001.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

June 26 Update from Environmental Services (ES) on wastewater spill that occurred on June 20 in Chanhassen (Lake Minnewashta)

(NOTE: ES staff will submit this to Public Affairs today for the Chair's Daily Report.)

Spill impact area:

ES water quality monitoring results verified that the spill mainly affected a stormwater streambed and holding pond and the north end of a 200-yard-long channel extending north out of the north end of Lake Minnewashta (see attached map). Very high bacteria levels consistent with a wastewater spill were found in these areas, which we posted for the public to avoid. Bacteria levels in the pond and north end of the channel reduced significantly from water samples collected June 21 to samples collected June 24, but remained above the state water quality standard. ES staff are exploring options to address very high bacteria levels still present in the streambed.

Water quality monitoring at three sites along the north end of the lake showed normal levels at the south end of the channel and west of the channel, and bacteria levels above the state water quality standard east of the channel. As a precaution, this area also is posted to avoid (i.e. no swimming and no fishing).

Both rounds of water samples at two beaches, a boat launch and a lake outlet that are 0.75 mile to 1.5 miles from the spill showed very low bacteria levels, confirming they were not affected by the spill. Precautionary warning signs posted June 21 are being removed from those sites today.

Leak stopped:

The City of Chanhassen reported the wastewater spill to ES at about 8:00 p.m. June 20. ES staff diverted wastewater flow to an alternate regional sewer about 10 minutes later, thus stopping the spill. During this transfer of flow, eight property owners report backups occurred in their basements. Council Risk Management staff are investigating claims. Residents reported seeing wastewater spilling early the afternoon of June 20 and at least one contacted the City of Chanhassen. We are working with the City to figure out the time delay in their notifying us. ES estimates the spill volume at 500,000 gallons, which is about three-fourths of an Olympic-sized pool.

Pipe repaired:

ES's emergency contractor finished repairing the pipe late Friday night (June 21), backfilled the excavation and re-opened all lanes on Highway 7. The contractor will return to finish restoring the site and work with the City of Chanhassen on restoring and reopening a section of paved bike trail off the south side of Highway 7. Wastewater leaked through a tennis ball-size hole in the force main (pressurized pipe), which otherwise was in good condition. A rock in shifting soils may have worn

away the pipe wall over many years, finally opening a hole.

Water quality monitoring:

Water quality monitoring will continue (approximately every other day) until bacteria levels return to within levels considered suitable for public contact with the water. ES staff are collecting the third round of water samples today (June 26).

Community outreach:

ES staff have been in contact onsite, by phone and by email with 14 property owners who have inquired about the spill and our response, one identified homeowner's association, the Carver County Parks and Recreation director, staff at Camp Tanadoona (scout camp), the City of Chanhassen, Minnehaha Creek Watershed District, and the Lake Minnewashta Preservation Association. We began sharing water quality monitoring results and lake impact information with these individuals/groups on Sunday morning, and are providing another update today based on results of the second round of water sampling. The City, the lake association and the homeowner's association posted or emailed our information to their members/followers.

For more information, contact Tim O'Donnell, Environmental Services communications, at tim.odonnell@metc.state.mn.us or 651-602-1269.



Tim O'Donnell

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From: Odonnell, Tim

Sent: Friday, June 21, 2019 2:05 PM

To: Ferguson, Christopher <Christopher.Ferguson@metc.state.mn.us>; Vadis, Meredith <meredith.vadis@metc.state.mn.us>; Bogie, Mary <mary.bogie@metc.state.mn.us>; Brickman, Kate <Kate.Brickman@metc.state.mn.us>; Mulry, Crystal <Crystal.Mulry@metc.state.mn.us>; Pallmeyer, Hannah <Hannah.Pallmeyer@metc.state.mn.us>; Solo, Leah <Leah.Solo@metc.state.mn.us>; Thompson, Leisa <leisa.thompson@metc.state.mn.us>; Mereness, Mike <mike.mereness@metc.state.mn.us>; Tracy, Bert <Bert.Tracy@metc.state.mn.us>; Raser, Isaac <Isaac.Raser@metc.state.mn.us>; Neis, Karen <Karen.Neis@metc.state.mn.us>; Clancy, Jeannine <Jeannine.Clancy@metc.state.mn.us>

Cc: Kollodge, Bonnie <bonnie.kollodge@metc.state.mn.us>; Fure, Michelle <Michelle.Fure@metc.state.mn.us>; Taylor, Susan <Susan.Taylor@metc.state.mn.us>; Chong, Bobbie <Bobbie.Chong@metc.state.mn.us>; Gordon, Adam <Adam.Gordon@metc.state.mn.us>; Remus, Christopher <Christopher.Remus@metc.state.mn.us>

Subject: Update -- ES sewer break in Chanhassen

The following is information that Environmental Services has gathered so far on the sewer break in Chanhassen, and has been submitted for the Chair Daily Report:

The Council's Environmental Services Division is responding to a regional sanitary sewer break that occurred Thursday, June 20, along the south side of Highway 7 near Arbor Lane in Chanhassen, near the north end of Lake Minnewashta.

- Wastewater spilled from an apparent break in a force main (pressurized sewer) and flowed along a bike path and through a local storm sewer into a stormwater holding pond. Wastewater may have flowed from this pond into a channel that extends north from Lake Minnewashta between approximately Dartmouth Drive and Washta Bay Court.
- Environmental Services staff are collecting water samples today (June 21) to see if the spill affected the lake and to what extent. As a precaution, staff posted signs today for no swimming or fishing in the channel and stormwater pond until further notice.
- City of Chanhassen staff alerted Environmental Services staff to the wastewater spill at approximately 8:00 p.m. Thursday. Staff transferred wastewater flow to an alternate sewer 10 minutes later. During this transfer of flow, one identified property owner had a wastewater backup in their basement. The Council's Risk Management Department is coordinating clean-up with the property owner.
- The sewer break and subsequent spill may have begun earlier in the day Thursday. Environmental Services management is investigating this with the City of Chanhassen. Staff are working to determine the volume of the spill.
- An emergency contractor is repairing the damaged sewer today.
- Environmental Services staff will mail a notice today to residents near the spill, and will work with City of Chanhassen staff to post further updates to the city's website.
- The City of Chanhassen this morning **erroneously** posted on its website that the Met Council closed Lake Minnewashta for swimming until further notice. Environmental Services staff worked with the City to correct the information. At this time Environmental Services is gathering water quality information that will help determine if any areas of the lake beyond the channel should be closed.
- For more information, contact Tim O'Donnell, Environmental Services communications, at tim.odonnell@metc.state.mn.us or 651-602-1269.



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