

Minutes of the

REGULAR MEETING OF THE ENVIRONMENT COMMITTEE

Tuesday, August 12, 2014

Committee Members Present:

Sandra Rummel-Chair, Marie McCarthy, Harry Melander, Lona Schreiber, Gary Van Eyll Edward Reynoso

Committee Members Absent:

Wendy Wulff-Vice Chair

CALL TO ORDER

A quorum being present, Committee Chair Rummel called the regular meeting of the Council's Environment Committee to order at 4:01 p.m. Tuesday, August 12, 2014.

APPROVAL OF AGENDA AND MINUTES

It was moved by Gary Van Eyll, seconded by Harry Melander to approve the agenda. **Motion carried.**

It was moved by Edward Reynoso, seconded by Gary Van Eyll to approve the minutes of the Tuesday, July 8, 2014 regular meeting of the Environment Committee. **Motion carried.**

BUSINESS

2014-195 Approval of 2014 Municipal Inflow and Infiltration (I&I) Grant Program Design and Guidelines

It was moved by Lona Schreiber, seconded by Gary Van Eyll that the Environment Committee approves the I&I grant program guidelines and authorizes the Regional Administrator to award grants and execute grant agreements pursuant to the guidelines. **Motion carried.**

2014-196 Authorization to Acquire Permanent/Temporary Easements and File Condemnation Petitions of the North Area Interceptor Rehabilitation Improvements Phases 5-8, Project No's 808650, 808660, 808670 and 808680, Resolution 2014-12

It was moved by Lona Schreiber, seconded by Edward Reynoso that the Metropolitan Council passes Resolution 2014-12 authorizing acquisition of permanent and temporary easements necessary for the North Area Interceptor Rehabilitation Improvements Phases 5-8 projects and authorizes Council legal staff to initiate condemnation proceedings for those parcels that staff cannot acquire by negotiation. **Motion carried.**

2014-197 Authorization to Award and Execute a Construction Contract of the North Area Interceptor Rehabilitation Phase 3 – Elm Creek East, Project No. 808630, Contract 14P099

It was moved by Lona Schreiber, seconded by Marie McCarthy that the Metropolitan Council authorize its Regional Administrator to award and execute a contract for construction of the North Area Interceptor Rehabilitation Phase 3 – Elm Creek East, Project 808630, Contract 14P099, with Lametti & Sons, Inc for their low responsive and responsible bid of \$12,027,092.00. **Motion carried.**

2014-198 Ratification of Declaration of Emergency for Metro Plant Flood Access

It was moved by Gary Van Eyll, seconded by Edward Reynoso that the Metropolitan Council ratifies the attached Justification for and Declaration of Emergency for Metro Plant flood access. **Motion carried.**

2014-199 Ratification of Declaration of Emergency for Repair of Interceptor 7113

It was moved by Edward Reynoso, seconded by Gary Van Eyll that the Metropolitan Council ratifies the Justification for and Declaration of Emergency for Repairs to Interceptor 7113. **Motion carried.**

INFORMATION

Construction Update for Lift Station L32 69U2 River Crossing Improvements –

This force main was originally constructed in 1971. In June 2012 a leak was reported by Fridley staff on the east bank of the river. A repair was applied to both barrels. The repair consisted of a carbon fiber patch applied to each force main pipe as it exits the river at the east river bank. Repair work was completed in September 2012.

Permanent improvements included 800 feet of a two pipe force main across the Mississippi River, a meter vault for two additional magnetic flow meters on the west bank, and a value vault on the east bank as an interconnect between the new and original crossing piping. The piping was configured to allow isolation and inspection of each force main barrel. Corrosion resistant pipe materials were used. High density polyethylene within the river and ductile iron pipe with epoxy interior coating on the east and west banks. The two original pipes have been retained for standby use during inspection of the new force main pipes. Construction work was completed in July 2014 and was delayed due to high river levels during the spring and summer of 2014.

Staff shared images of the work progression. Committee Member McCarthy inquired if the nature of the pipe can withstand the fluctuation in temperatures. Staff indicated the pipe is seated in the ground below the river in a trench and is able to withstand the elements. Committee Member Schreiber commented she received a call from a resident inquiring about signage in the area. Staff was very responsive and corrected the concern quickly which was appreciated. Committee Member Schreiber thanked staff for the quick response.

Mound Update –

Two separate storm events occurred in June causing basement backups in the area and the city diverting sanitary sewage into Lake Minnetonka during the June 1 event. It was determined excessive clear water (inflow and infiltration) flowed into the wastewater system. Mound flow was more than six times its daily average during both events. June 1 experienced 3.53 inches of precipitation where Mound contributed 4,550 gallons of wastewater per minute with four communities combined contributed 5,400 gallons per minute. Mound notified PCA of their intent to discharge to lake to reduce the number of basement backups. Twenty-nine basement backup claims have been submitted to the city. June 19 experienced 3.51 inches of precipitation. Mound contributed 4,050 galls of wastewater per minute with four communities combined contributing 5,400 gallons per minute. Mound utilized 7 vacuum trucks to pump from local liftstations and haul wastewater to other locations during the June 19 event. Thirteen basement backup claims were submitted (11 also occurred during the June 1 event). Mound has been working to reduce average daily flow since 2007 and a reduction in their baseflow reflects city infiltration mitigation efforts on public infrastructure. System flow responses included dramatic increase in peak flow demonstrating a need to address inflow sources, private property inflow sources are a next step in local efforts, and the council recognizes regional need to address private property inflow and infiltration mitigation and will work with MetroCities to develop a program and funding assistance proposal. Metropolitan Council operational responses included crew and 3 vacuum trucks sent to help local and MCES liftstations, crews checked MCES pipes for inflow sources. One crew inspecting the system for blockages June 19 found none. City of Mound and Metropolitan Council met for a workshop discussion July 2. It was an information exchange including system configuration, responses, performance, flow metering, inflow and infiltration, previous commitments for improvements and schedule. A follow up workshop occurred July 25 involving a collaborative work plan to develop an emergency action plan, system integration, system hydraulic modeling, continued public infrastructure inflow and infiltration work, private property investigation and mitigation efforts. The next staff workshop is scheduled for September 8.

Staff stated the lake has been at a historically high level and that Mound is similar to other communities in the area regarding age of housing and proximity to Lake Minnetonka. Staff also stated a sump pump inspection was conducted in the 1990's where 14-19 homes were identified as having non compliant connections to the wastewater collection system. Foundation drain connections could be one possible source of the inflow response witnessed on June 1 and June 19. The Council was not aware of any applications the City has submitted for private property inflow and infiltration grant monies.

1. General Manager's Report –

Water Resources Policy Plan – Feedback from outreach efforts will be brought to next meeting.
Working on plan and presenting to elected officials.

ADJOURNMENT

Business completed, the meeting adjourned at 5:29 p.m.

Susan Taylor
Recording Secretary