

EMMONS CITY COUNCIL WORKSHOP

Date: January 24, 2024

Time: 10:00 PM

Purpose: ISG requested a meeting to discuss possible Water improvements to add to the PER that may impact the Sewer Improvement timeline

IN ATTENDANCE

Mayor: Dave Bosma

Council Members: Jerome Wuerflein, Eleanor Bauman, Paul Lair, Neal Honsey

City Clerk, Lorry Zasada

ISG: Lenny Larson; Bryan Petzel

SUMMARY OF DISCUSSION

Discussed issues with current water distribution system

- Tower is 101 years old
- Low Pressure in town
- Unknown how many Lead or Galvanized lines exist from the curb to the home, homes built after 1984 should not be lead.
- Current water quality – good
- Valves – may need to be replaced
- Filter system installed 2005 – 8” casing, drop pipe 2 yrs old at 1160 ft.
- Well dug 1964 – only one, MPCA wants towns to have 2 wells

This part of the project can be included in the PER for USDA funding and grants and financing would be phased as each part of the project move forward. You can only get loan and grant from the USDA at a time, so better to ask for more than not include something that could become an issue within the next 40 years. City can always cut back the project after the funding is approved.

Current Tower holds approximately 50,000-55,000 gals., was lined in the 1960s, painted in early 2000s. Cleaning is done every 3-4 years. Average daily usage: 16,000-18,000 gals. Approximately 9,000,000 gal/year

Water Treatments the city does – Chlorine, Phosphate and Fluoride

Newest distribution section between Pearl and Lake Streets 4”-6” cast iron (4” not compliant)

A Valve was recently replaced on Main & Concord.

Treatment system is in good condition. Pressure filters should last between 50-60 yrs. Media 10-12 yrs.

Water tower controls are old, needing replacement with remote monitoring

Media is typically made of Anthracite, Emmons’ last replaced in 2006, overdue for replacement.

Water shed needs new window and a new backup generator. USDA also recommends having a backup generator for the well operations. A Hydrant needs to added on Oak Street.

USDA goal would be to have the city compliant for the next 60-75 years. A new tower could cause water main breaks. Recommend adding new water mains, a mixer to the tower and an under-drain system.

Cost of Sewer and Water system improvement approximately \$20MM. Project would be phased with interim loan through MN Rural Water and gap funding.

Current tower will need a thorough inspection as standards have changed. Last inspection 3 years ago.

MPCA is offering grants for storm water projects up to \$5MM (not through USDA)

City will hold a Public Hearing prior to the PER submission to USDA sometime in March.

Submitted By:

Lorry Zasada