Monday, April 14, 2025 6:00 PM
CITY OF MINNETONKA BEACH
APPROVED SPECIAL CITY COUNCIL MEETING MINUTES

Roll Call: Mayor Joe Pagano; Council Members: Chris Dovolis, Jennifer Halverson, Jason Mohr, Bill Whitely and Treasurer Chris Zinn; Absent: none

Staff Present: City Administrator Heidi Honey, City Clerk Jane Burgess, Public Works Superintendent Jason Hilgers, City Engineer Alan Offerman

1. **Call to Order**
Mayor Pagano called the meeting to order at 5:30 pm

2. **Pledge of Allegiance** – Burgess led the pledge.

3. **Approve Agenda**

Halverson motion, Mohr second to approve the April 14, 20225 Special Meeting Agenda. All ayes, the motion carried.

4. **City Infrastructure Overview – Engineer Alan Offerman**
Offerman provided a high-level overview of the infrastructure that exists in the city.

Sanitary Sewer: The City has approximately 25,500 LF of PVC sanitary sewer piping in its system. This system was installed in the early 1970's. This system includes concrete manholes and PVC service laterals. The sewer system ultimately drains to the Met Council system along Northview Road. PVC is a good material as it prevents infiltration into the soil. Some older systems are clay and there is a great deal of issues with it cracking and leaking. The service line from the home runs into the street and connects to the sewer main in the center of the street in most locations. There are a few lines that are in back yards of homes. The manholes connect the sewer approximately 400 ft apart or where there are any bends in the main. Manholes go from 8 ft to 20 ft depths. The system is shallow because of the lake water level. There are trenchless sewer repair options, such as lining the pipe with fiberglass material. Lining is approximately $100 per foot today.

The City jets and televises the City sewer on a rotating basis of one third of the City at a time. This is required by the League of MN Cities for insurance. It is cleaned and then the camera finds any compromised sections of pipe.

The City should look at the manholes for any infiltration. This is stormwater that is somehow entering the sanitary sewer system.

Sanitary Sewer Force Main and Lift Stations: The City has approximately 4028 LF of cast iron force main pipe in its sanitary sewer system. This system also includes four lift stations located across the City. Modern materials for systems such as these include PVC and Ductile Iron piping. The system was installed in the early 1970's along with various improvements to the lift station components. This system ultimately pumps into the Met Council system along Northview Road. The force mains have been identified on the infrastructure project priority list. PVC pipes can last 70 to 80 years.

Water System: The City has it's own water system, including the water tower, water treatment plant and wells. The water treatment plant is .75 mgd sand gravity plant with gravity and sand filters and PFAS

treatment. The water tower provides water pressure and storage of 75,000 gallons of water. In the summer, it turns over once a day (150,000 gallons per day), and in the winter the usage is much less so there is a deicer mixer in the tower to prevent water from freezing.

Watermain: The City has approximately 31,000 LF of watermain in its system. Approximately 9,600 LF of the in service watermain is original cast iron pipe installed in the 1920's. The system includes numerous hydrants and water main valves of varying ages. The newly replaced watermain pipe is constructed of PVC and HDPE.

Watermain Wells: The City has two watermain wells located near public works. They will eventually pump to the new WTP for treatment and then up to the tower to provide pressure for residents. The two wells now need to be replaced with two new 12" wells that will be drilled to approximately 400 feet deep. The new wells will feed the new water treatment plant. Untreated water lines go from the wells to the plant.

The residents and staff have been updating a lead service line inventory for the MN Department of Health. There is no known lead in the City but it is possible because there are some unknown materials from the water main to the private water lines at the curb stops.

The City has 56 hydrants.

Storm Sewer: It is unknow the exact amount of storm sewer in the Minnetonka Beach system however, the City has various piping systems that provide drainage to localized areas across the City. Materials include PVC, corrugated steel and RCP. Ultimately, the system drains to Lake Minnetonka. The lack of curb and gutter throughout the City currently prohibits a larger system. Drainage issues were identified in a study in 2013 which could be addressed as part of future street projects. The city has done very little with storm sewers. Newer cities have curb and gutter which protect streets.

Streets: The City has approximately 29,000 LF of centerline road within the City limits. The roads were reviewed as a part of the 2018 pavement management study and are in various conditions from good to failing throughout the City. The City sealcoats 1/3 of the roads annually. This fills cracks, holds the roads together and looks better, but is not a permanent fix for declining roads.

Mayor Pagano thanked Offerman for his detailed presentation and council members stated that they found the information to be very helpful.

5. Adjournment

Halverson motion, Mohr second to adjourn the meeting. All ayes, the motion carried.

The meeting adjourned at 6:00 pm.

PUBLIC IN ATTENDANCE –

Respectfully submitted,

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Heidi Honey, City Administrator