



# Public Works Utility Operations Department

**DATE:** March 15, 2022  
**FROM:** Michelle Klose, Public Works Utility Water Director  
**ITEM:** Water Treatment Plant Master Plan Report

**REQUEST:**

Receive and accept the proposed Water Treatment Plant Master Plan Report.

Please place this item on the March 22, 2022, City Commission meeting agenda.

**BACKGROUND INFORMATION:**

Over the past 100 years, the City has maintained and updated the original plant to support growth and economic development in the region. In 1965, the estimated population was 31,200. In 2020, the estimated population was 81,000.

This master plan report serves as a roadmap to guide the City of Bismarck to plan for capital expenditures and potential operational changes. Master plan drivers include the reliability of process equipment, structural, electrical, mechanical, health and safety, age and conditions of the facilities, population growth, peak day water demands, and water quality and regulations.

The planned capital improvements include project trigger points based on a projected regulatory implementation schedule and flow and loading capacity, along with condition assessment results.

**RECOMMENDED CITY COMMISSION ACTION:**

Receive and accept the Water Treatment Plant Master Plan Report dated March 2022.

**STAFF CONTACT INFORMATION:**

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