



Public Works Utility Operations

DATE: May 14, 2024

FROM: Michelle Klose, Director Public Works Utilities

ITEM: Western ND pH Stabilizer Storage Facility

REQUEST:

Consider the request for approval to negotiate a joint powers agreement with other western North Dakota water systems to seek funding and construction of a regional pH stabilizer storage facility.

BACKGROUND INFORMATION:

The water systems in western ND have a common issue with the shortages in delivery of a pH stabilizer (food grade carbon dioxide) that is required for production of safe drinking water. The water systems noted below have repeatedly shared concerns with the stability of delivery of pH stabilizer and thus have been working together to identify solutions to this shared issue. This proposed regional storage facility leverages a common need between communities and water systems to reduce costs through economy of scale. The proposed project is based on a joint pH stabilizer storage facility that could provide service to the rural and municipal facilities of Southwest Water Authority, Northwest Area Water Supply/Minot, Bismarck, Mandan, Jamestown and Western Area Water Supply/Williston.

This project will be submitted for cost-share of 60-75% with the State Water Commission.

RECOMMENDED CITY COMMISSION ACTION:

Approve to negotiate a joint powers agreement with other western North Dakota water systems to seek funding and construction of a regional pH stabilizer storage facility.

STAFF CONTACT INFORMATION:

Amber Araujo, Executive Assistant, 701-355-1739, aaaraujo@bismarcknd.gov

ATTACHMENTS:

None