



Legislation Text

File #: 20-512, **Version:** 1

City Council Meeting Date: October 6, 2020

To: Mayor and City Council
City Administrator

From: Justin Wagner, Utilities Manager
David Bennett, P.E., Public Works Director/City Engineer

Consider Motion Authorizing Request for Proposals for Water System Study.

Action Requested:

The Northfield City Council considers a Motion authorizing the Request for Proposals for a Water System Study - Project WATR2021-J28.

Summary Report:

The City Council is being asked to approve the Request for Proposals (RFP) for the Drinking Water System Study. The RFP (Attachment 1) is in response to the City of Northfield, in conjunction with the Minnesota Department of Health (MDH), taking water samples as part of the Fourth Unregulated Contaminants Monitoring Rule (UCMR 4). As part of the analysis, manganese was analyzed within the drinking water. The results are listed below. Since most of the wells are over 100 ug/L guidance level for MDH, the City is analyzing ways to lower its manganese.

Well No.	Manganese Level (ug/L)	Average Manganese Level ug/L
02	23.70, 40.2, 28.1	30.67
03	139.00	139.00
04	136.00, 119, 344	199.67
05	97.20, 83.6, 81.0	87.27
06	112.00	112.00

Information included within the Request for Proposals

- Gather and Review Background Information
- Water Demand Projection
- Evaluation of the Existing Water Supply
- Evaluation of the Water Quality
- Evaluate Water Treatment Options
- Treatment Plant and New Source Water Wells Siting Study
- Space Needs Assessment
- Staffing Review and Analysis
- Draft Report
- Public Outreach

- Final Report

Upon City Council approval, staff will send out the RFP and bring back a recommended engineering firm to perform the work for the City Council's review.

Alternative Options:

Not recommended

Financial Impacts:

The action of considering a motion authorizing the Request for Proposals for the Water System Study has no financial impacts. The City has budgeted \$100,000.00 for the study to take place in 2021. Consultants will provide proposals that include project costs for the study.

Tentative Timelines:

- October 6, 2020 City Council Authorizes RFP for Water System Study
- October 7, 2020 Solicitation for proposals begins
- October 30, 2020 Proposal submittal deadline
- November 17, 2020 Council approve Contract with recommended firm
- January 1, 2021 Drinking water system study begins
- April 20, 2021 Draft report submitted
- May 11, 2021 Draft report presented to City Council
- July 1, 2021 Final report due
- July 20, 2021 Final Report presented and City Council Accepts Report
- Date TBD - Two potential public engagement events held in person or virtual.