



City of Blaine Anoka County, Minnesota

Blaine City Hall
10801 Town Sq Dr NE
Blaine MN 55449

Legislation Text

File #: MO 18-29, Version: 1

ADMINISTRATION - *Jon Haukaas, Director of Public Works*

AUTHORIZE THE MAYOR AND CITY MANAGER TO ENTER INTO A CONTRACT WITH BARR ENGINEERING FOR DBP TESTING TO INCORPORATE INTO THE DESIGN OF WTP4 IN THE AMOUNT OF \$21,400

This proposal provides for sampling and bench testing of future Water Treatment Plant No. 4 (WTP4) water supply wells 18-21 for evaluation of disinfection by-product (DBP) formation potential and for sampling and analysis of raw well water and treated water from WTP1, WTP2, and WTP3.

Barr recently completed pilot testing and a feasibility study for WTP4. The feasibility report described formation of DBPs as a potential risk of the new system and recommended additional bench testing to evaluate the magnitude of this risk.

Testing the existing wells will allow for the evaluation of the DBP formation potential when the water mixes within the system.

The benefit of testing prior to design and construction is to better assess the DBP of the different source wells. The objective is to conduct these tests in early 2018, for incorporation in WTP4 detailed design.

Funds will come from the Water Enterprise Funds.

By motion authorize the Mayor and City Manager to enter into a contract with Barr Engineering for water supply testing to incorporate into the design of WTP4 in the amount of \$21,400.