



MEMORANDUM

DATE: September 28, 2020

TO: Mayor and City Council

CC: Norman McNickle, City Manager
Melissa Reames, Deputy City Manager

FROM: Monty P Karns, Director of City Engineering
Bill Millis, Water Utilities Engineering Director

RE: Forward to Water Treatment Plant/Kaw Pipeline Capital Needs Presentation

As part of Water Utility Engineering's on going activities, they received authorization from the Stillwater Utility Authority Trustees to retain an engineering firm to prepare a needs assessment at the City of Stillwater Water Treatment Plant. The assessment identified several needs at an estimated cost of \$70 million. Staff began to consider whether it is the best use of funds question to invest that kind of money in a facility that is nearing 40 years old and began a high level assessment of the cost to fully rehabilitate and expand the existing plant compared to constructing a new plant with the possibility of the construction being done in phases. The raw water conveyance system from Kaw Lake was included in that effort. Staff's assessment used a 50 year time line for the evaluation.

The purpose of the attached presentation is to bring awareness to the SUA Trustees/City Council and the community of the long term water needs and as a starting point for discussions of the various options. It is not staff's intent to ask the SUA Trustees/City Council to make decisions on the various options. Indeed, staff believes the options require further study, which might lead to development of additional or refined options.

The "rough order of magnitude" costs of the options are well into 9 figures and should give pause to anyone concerned about our community. As a community we have many needs and desires for being able to expand quality of life projects. Water is key to quality of life, but as any other function of municipal government, it should be managed in cost effective ways. It is primarily for that reason staff intends to ask the SUA trustees at a future meeting for authorization to retain both an engineering design firm and a construction manager firm to work together with staff to further develop and cost out options. While that work is in progress, staff will work to develop funding solutions to the options with the understanding that funding will by necessity impact the option.