



AGENDA MEMORANDUM

CONTACT: CLIFTON CUSTER

SUBJECT: PLUGGING OF WATER WELL #1

SUMMARY:

In 2010 during a routine check of the structural integrity of Well #1 a lesion or tear was found in the well screen.

BACKGROUND INFORMATION:

After a tear in the well screen was realized, action was taken to construct two new wells in 2012 in anticipation of the permanent abandonment of Well #1. Public Works was able to utilize this well for potable water supply until December of 2018. Utilization of the well between the time that the tear in the screen was discovered and December of 2018, continued exposure to aggregates such as sand worsened the tear in the screen.

In December of 2018 Public Works began to receive reports of sand in the water supply from residents living in the immediate area of the location where well water was introduced into the water distribution system. At this time Public Works discontinued the use of the well. Immediate plugging of the well was prolonged due to budgetary constraints as well as necessary emergency water infrastructure repairs.

In the FY-23 budget Council approved an amount of \$40,000.00 to plug Well #1. A request for bid was advertised in The Facts newspaper for plugging of the well. Felder Waterworks was the sole respondent to the request for bid advertisement.

ISSUE:

Although the well was taken out of service in 2018, the decision was made to maintain operational capacity of the well to serve as an emergency water source until the North Water Plant could come online. Although the North Water Plant is not yet online, I feel the best resolution is to get the well plugged. Continued exercising of the well has most likely accelerated the compromise in the well screen to a point where the well should not be used, even as an emergency measure.

FISCAL IMPACT:

\$23,000.00

RECOMMENDATION:

I recommend Council make a motion accepting Felder Waterworks bid in the amount of \$23,000.00 to plug Water Well #1.