



## Legislation Text

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**File #: 74313, Version: 1**

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### Fiscal Note

The proposed resolution requests amendment of the 2022 Water Utility Capital Budget to transfer \$100,000 from Account Number 13594-86-150 (Project Name: 2022 Unit Well Rehab Program) to Account Number 11900-86-140 (Project Name: UW 14 Mitigation) for engineering services necessary to conduct a groundwater/borehole characterization study at Unit Well 14 (Alder District 19).

Project costs will be funded through the existing Utility Construction Fund balance and/or Utility cash reserves. No increase in Utility debt obligations or new borrowing will be required for these projects.

The 2022 Water Utility adopted Capital Budget will be amended to reflect the following:

- 1) (\$100,000) from 13594-86-150 - 2022 Unit Well Rehab Program
- 2) \$100,000 to 11900-86-140 - Unit Well 14 Mitigation

### Title

Amendment of the 2022 Water Utility Capital Budget to authorize the transfer of funds from the 2022 Unit Well Rehab Program to the Unit Well 14 Mitigation project. (Alder District 19).

### Body

WHEREAS, Madison Water Utility completed the initial phase of the water quality/borehole characterization study at Unit Well 14 which determined that the well draws the majority of its water from the shallower, upper aquifer compared to the deeper, lower aquifer, resulting in elevated sodium and chloride levels; and

WHEREAS, earlier in 2022 the Utility, working with SCS Engineers, under non-pumping conditions, completed additional water sampling within the borehole at depths representing the deeper, lower aquifer, which upon testing, demonstrated that the lower aquifer water had lower concentrations of sodium and chloride; and

WHEREAS, the Utility wishes to continue this investigation by sampling the well at lower aquifer depths again but under "pumping" conditions, which will require removal of the well pump which will remove the well from service for approximately 30 to 40 days; and

WHEREAS, in order to complete this study, a licensed municipal well driller will need to be hired and special down hole sampling equipment will need to be rented as soon as the well can be taken out of service; and

WHEREAS, a request for bids to conduct both the study and rehabilitation services was recently conducted and Water Well Solutions was determined to be the low bidder with a proposal of \$194,580, bringing the total anticipated project cost to approximately \$220,000, with approximately \$120,000 of existing budget authority remaining in the Well 14 Mitigation project; and

WHEREAS, the existing budget for the 2022 Unit Well Rehab Program includes \$100,000 of active budget authority that has been determined to no longer be required for work originally anticipated for 2022 and could be reallocated to the Unit Well 14 Mitigation project in support of this study; and

NOW, THEREFORE, BE IT RESOLVED that the 2022 Water Utility Capital Budget is hereby amended to transfer \$100,000 of existing budget authority from the 2022 Unit Well Rehab Program to the Unit Well 14

Mitigation project for engineering services necessary to continue the groundwater/borehole characterization studies at Unit Well 14.