



## Legislation Text

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**File #:** 69966, **Version:** 1

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### Fiscal Note

The proposed resolution authorizes a Professional Services Agreement with Short Elliott Hendrickson Inc. (SEH) for professional engineering services for the Unit Well 19 Iron, Manganese, and Radium Treatment System at an estimated cost \$859,000. Funds for this project are included in the 2022 Water Utility Capital Budget Well 19 Iron and Manganese Filter project (MUNIS 10448). No additional appropriation is required.

### Title

Authorizing the Mayor and the City Clerk to execute a Professional Services Agreement with Short Elliott Hendrickson Inc. (SEH) for pre-design planning, preliminary design, public participation support, final construction drawings and specifications, permitting, bidding, construction administration and commissioning for the Unit Well 19 Iron, Manganese and Radium Treatment System.

### Body

**WHEREAS:** The water quality from Unit Well 19 (UW19) has long been less than desirable with regard to high iron, manganese and radium levels; and where recent testing confirms that these contaminants are consistently in the range of 0.2 mg/l, 0.045 mg/l, and 4.1 pCi/l respectively; and where these values are approximately 70% and 90% of the Secondary Maximum Contaminant Level (SMCL) for iron and manganese, and 82% of the Maximum Contaminant Level (MCL) for radium; and

**WHEREAS:** Madison Water Utility Board procedural guidelines for water quality treatment state that if a contaminant consistently exceeds 80% of either the Maximum Contaminant Level (MCL) or the Secondary Maximum Contaminant Level (SMCL), action to reduce the contaminant level is triggered; and where the objective is to correct all three water quality deficiencies with one project and bring the levels of these contaminants to well below their respective (S)MCL's in alignment with Board policy; and

**WHEREAS:** Madison Water Utility has identified the need for this project has budgeted for it in the 2022 Capital Budget and planned for it in the 2023-2024 budgets; and

**WHEREAS:** Madison Water Utility has advertised for, received, and evaluated professional engineering consultant proposals for the work, and based on the recommendation of this process, the Water Utility Board has selected Short Elliott Hendrickson Inc. (SEH) for this work;

**NOW THEREFORE BE IT RESOLVED** that the Mayor and the City Clerk are authorized to execute a Professional Services Agreement not to exceed \$859,000 with Short Elliott Hendrickson Inc. (SEH) for facility design, permitting, public participation support, preparation of drawings and specifications, bidding services, construction administration services, and testing, startup, and commissioning for the design and construction of the Unit Well 19 Iron, Manganese and Radium Treatment System.

**BE IT FURTHER RESOLVED**, that amendments that do not exceed the Madison Water Utility's approved capital budget or the scope of the Design and Construction of the Unit Well 19 Iron, Manganese and Radium Treatment System project as authorized by the Common Council may be executed by the Water Utility General Manager and City Finance Director and/or designee, and counter executed by Short Elliott Hendrickson Inc. (SEH).