

APRIL 25, 2022 – FINANCE COMMITTEE
 APRIL 26, 2022 – WATER UTILITY BOARD

WELL 15 PFAS TREATMENT FACILITY: PROPOSED CAPITAL BUDGET AMENDMENT & SOLE SOURCE DESIGN RECOMMENDATION

Project Team:

Joe Grande, Water Quality Manager – Lead
 Adam Wiederhoeft, Interim Chief Engineer
 Joe DeMorett, Water Supply Manager



PRESENTATION OVERVIEW:



1. **Background** – Overview of PFAS challenges at Well 15
2. **Unique Opportunity** – Bipartisan Infrastructure Law emerging contaminants funding
3. **Selection Process** – Multi-phased, competitive selection process
4. **Scope of Services** – Treatment systems evaluation and facility design
5. **Recommendation** – Authorize budget amendment and sole source selection

BACKGROUND



2017 – PFAS discovered at Well 15

2019 – Precautionary shut down of Well 15

2021 – Feasibility Study verifies treatment opportunities

2022 – Proposed PFAS treatment facility design development

Well 15 is the only well exceeding WI-DHS Hazard Index

MWU Public Commitments:

- *MWU will not return Well 15 to service until treatment is installed at the facility*
- *Public engagement and open communication*

UNIQUE OPPORTUNITY



Bipartisan Infrastructure Law (BIL):

- Federal Infrastructure Bill funding for “emerging contaminants” (*PFAS mitigation and treatment projects*) – Potential for up to **100%** loan forgiveness
- WI allocation: **\$12.8M**, for five years
- Anticipated ‘Intent to Apply’ deadline - **10/31/2022**

MWU OBJECTIVE:

- Evaluate, select, and prepare preliminary treatment system design for Well 15 by **10/31/2022**

SELECTION PROCESS



- **Why Sole Source?**
 - Need **4-5** months to test, evaluate and select best treatment system and prepare preliminary design.
 - Standard RFP process would not yield enough time to produce a preliminary facility design by **October 2022**.
- **MWU's Selection Process:**
 - Identified and contacted known, reputable, national engineering design firms with PFAS treatment experience
 - First round phone interviews (**eight firms**)
 - Second round detailed presentations and extended interviews (top **five firms**)

SELECTION RECOMMENDATION:



AECOM

Angel Gebeau PE, BCEE

Senior Water Engineer

US West Water

Stevens Point, WI

Recommended Firm: AECOM

- Nationally recognized PFAS treatment design experience
- Led by Angel Gebeau, Senior Water Engineer
 - MWU's first iron & manganese filter – Well 29
- Experienced, engaged & inclusive project team
- Based out of Stevens Point, WI, with regional and local design and project development familiarity

SCOPE OF SERVICES



TASK	DESCRIPTION	COST (EST)
1	BENCH TESTING & SYSTEM SELECTION	\$50,000
2	PRELIMINARY DESIGN DEVELOPMENT	\$105,000
3	PERMITTING & PROJECT APPROVALS	\$55,000
4	FINAL DESIGN DEVELOPMENT	\$130,000

- Estimated design services: **\$340,000**, plus \$35,000 contingency
Total - \$375,000
- Contract will include **'Stop-Work' provision** after Task 2, to confirm funding status

REQUEST AUTHORIZATION TO:



- Amend the 2022 Water Utility Capital Budget to include **\$425,000** for engineering services for Well 15 PFAS treatment facility design
- Proceed with sole source award of engineering services to AECOM, in an amount not to exceed **\$375,000**





QUESTIONS?

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