

OUR CITY OF MADISON



Water Utility

Well 19 – Iron, Manganese & Radium Treatment

Introduction

Inclusive – Innovative – Thriving



CITY OF MADISON

Well 19

Iron, Manganese & Radium Treatment

- Overview
- Elements of a Great City
- Key Staff
- Council Actions
- Community Engagement

Overview



Overview

- Improved Water Quality
 - Reduce naturally occurring contaminants (iron, manganese, radium) in source water
 - Enhance taste, color, and aesthetic of water
 - Fewer instances of tinted water, better-tasting water due to reduced metals
- Compliance with Health Standards
 - Radium levels have not violated federal health standards but occasionally exceeded the maximum contaminant level (MCL) of 5 pCi/L
 - Project aims to significantly reduce and consistently maintain radium levels well below the MCL
 - Ensures water safety for long-term consumption

Overview

- Project Timeline and Phases
 - Completed milestones: pilot testing, conceptual design, preliminary design
 - Currently in final design phase
 - Bidding in summer 2023, construction from late 2023 to 2025
 - Aim to complete construction and start testing by late 2025
- Minimal Disruption and Facility Enhancements
 - No planned water service disruptions or shut-offs
 - Construction of new treatment system in an addition to existing building.
 - Architecturally complementary design for improved facility appearance
 - Preserve existing landscaping, incorporate new native landscaping for visual appeal and screening

Elements of a Great City



Elements of a Great City

Gr

Green &
Resilient

Hs

Health &
Safety

- Green & Resilient
- Health & Safety

Key Staff



Key Staff

Name	Title/Role	Phone	Email
Pete Holmgren	Chief Engineer	608.261.5530	pholmgren@madisonwater.org
Joseph Grande	Water Quality Manager	608.261.9101	jgrande@madisonwater.org
Adam Wiederhoeft	Engineer	608.266.9121	awiederhoeft@madisonwater.org
Joe Demorett	Water Supply Manager	608.267.4902	jdemorett@madisonwater.org

Council Actions



Council Actions

Description	File #	Date	Action
Well 19 Bid Advertisement	<u>75829</u>	02/28/2023	Pass
Well 19 Treatment System Design Options	<u>73741</u>	09/20/2022	Approved
Advertise For Engineering Design	<u>68500</u>	11/23/2021	Approved
Advertise for Engineering Consulting Services	<u>46978</u>	04/25/2017	Approved

Community Engagement



Community Engagement

- [Project Website](#)
- [Public Information Meeting 1 - Presentation](#)
- [Public Information Meeting 1 - Question and Answer](#)
- [Public Information Meeting 2 - Presentation](#)

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Thank You!

Additional Information:

www.madisonwater.org

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