

OUR CITY OF MADISON



Water Utility

Well 14 – Chloride Mitigation

Introduction

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CITY OF MADISON

Well 14 – Chloride Mitigation

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

Overview



Overview

- Well 14: An Important Water Source
 - Located at 5130 University Avenue, serving multiple neighborhoods and parts of the University of Wisconsin campus
 - Largest producer in the Water Utility's system, meeting the community's water needs
- Rising Sodium and Chloride Levels
 - Significant increase in levels over the past few years
 - Approaching EPA's guideline levels
 - Road salt use has contributed to elevated levels through the years.

Overview

- Groundwater/Borehole Characterization Study
 - Understand water quality entering the borehole
 - Identify the source of sodium and chloride
 - Guide casing extension to alleviate the issue
- Project Details
 - Water Utility partners: SCS Engineers and Water Well Solutions
 - Project cost: \$220,000
 - Study completion: March 2023
 - Minor impact, ensures safe water supply

Elements of a Great City



Elements of a Great City

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Green &
Resilient

Hs

Health &
Safety

- Green & Resilient
- Health & Safety

Key Staff



Key Staff

Name	Title/Role	Phone	Email
Joe Demorett	Water Supply Manager	608.267.4902	jdemorett@madisonwater.org
Joseph Grande	Water Quality Manager	608.261.9101	jgrande@madisonwater.org

Council Actions



Council Actions

Description	File #	Date	Action
Authorizing Madison Water Utility to use Water Well Solutions, LLC	<u>77836</u>	06/06/2023	Pass
Allocating Funds from Well 8 to Well 14 Mitigation	<u>72125</u>	07/19/2022	Pass

Community Engagement

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Community Engagement

- [Project Website](#)



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Thank You!

Additional Information:

www.madisonwater.org

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