



Water Utility Board Resolution

March 24, 2009

119 E. Olin Avenue
Madison, Wisconsin 53713
Telephone: 608 266-4651

Resolution: Establish the project:
"Well 8 Iron and Manganese Mitigation"

Legistar No. _____

Date: March 18, 2009

To: Madison Water Utility Board

From: Tom Heikkinen, Water Utility General Manager

WHEREAS: A project to address identified water quality issues resulting from iron and manganese present in the water produced by Unit Well 8 was identified in a water filtration report to the Board in January 2008 and is included in the 2009 Capital Budget, and;

WHEREAS: Per the public participation standard procedures adopted by Madison Water Utility Board and Madison Common Council, this resolution is to be referred to the Board's regularly scheduled May 2009 meeting. Referral will allow time to solicit public comment on establishing this project and convene a Project Citizen's Advisory Panel, and;

WHEREAS: A history of colored water events in the Well 8 service area result in frequent customer complaints and concerns about the quality of the water in the area. Iron levels of 0.5 to 0.7 mg/l exceed the secondary iron standard of 0.3 mg/l and contribute to frequent colored water events. Manganese levels have been rising slightly over the past few years from 45 to 53 ug/l to a level that they currently exceed the manganese secondary standard of 50 ug/l. Elevated levels of iron and manganese will stain laundry and plumbing fixtures resulting in consumer complaints and water quality concerns, and;

WHEREAS: The proposed capital project will evaluate methods of improving water quality from Well 8. Alternatives such as constructing a filter, drilling a new well, or getting water from other areas will be investigated, and;

WHEREAS: A full description of the need for and objectives of the project are included in the project scoping document titled "Well 8 Iron and Manganese Mitigation" found on the Utility web site www.madisonwater.org, and;

WHEREAS: Improvements are necessary at Well 8 to reduce the level of iron and manganese to below the USEPA secondary standards and reduce the likelihood of colored water events in the Well 8 service area. Improvements to Well 8 will also allow the well to be utilized year round reducing the potential of over pumping other system wells, and;

WHEREAS: Utility Staff have met with District 6 Alder Marsha Rummel and discussed the scope and need for the project. Alder Rummel is committed to work with neighborhood leaders on this project.

NOW, THEREFORE, BE IT RESOLVED: that following a minimum two month referral process to allow public input and feedback, Madison Water Utility Board establish a project as defined in the Utility's public participation process titled "**Well 8 Iron and Manganese Mitigation**" for the purpose of improving water quality in the Well 8 service area.