

City of Madison, Wisconsin
Water Utility Board

**RESOLUTION TO ESTABLISH WATER QUALITY AND
TREATMENT POLICIES FOR IRON AND MANGANESE**

Legistar Number 15129

Presented June 23, 2009

Adopted August 25, 2009

WHEREAS, the Madison Water Utility Board is authorized under Section 13.01(3) of the Madison General Ordinances (MGO) to make rules and regulations for the Water Utility; and

WHEREAS, the Madison Water Utility Board desires to provide the customers of the Water Utility with the highest quality drinking water; and

WHEREAS, the U.S. EPA has established National Secondary Drinking Water Regulations to “assist public water systems in managing their drinking water for aesthetic considerations”; and

WHEREAS, the U.S. EPA encourages the general public to “support rate increases for your local water supplier, where necessary, to upgrade your supplier's treatment facilities to meet drinking water standards”, including secondary standards; and

WHEREAS, the elements iron (Fe) and manganese (Mn) are present to varying degrees in the utility’s source water, and contribute to discolored water events, laundry staining, and dissatisfaction with water quality for some customers,

NOW THEREFORE BE IT RESOLVED that the Madison Water Utility Board adopts the following water quality and treatment policies:

1. The Madison Water Utility, under normal operating conditions, shall provide water that contains less than the National Secondary Drinking Water Standard for Fe (currently 0.3 mg/L) and Mn (currently 0.05 mg/L) at the customer’s tap.
2. When annual flushing of water mains is not sufficient to achieve water quality policy no. 1, treatment or other management of the source water shall be provided.
3. For new wells, treatment shall be provided when production well test data indicate levels of Fe greater than 0.1 mg/L or levels of Mn greater than 0.02 mg/L, as recommended by the American Water Works Association and the American Society of Civil Engineers.
4. The Water Utility Board shall recommend and support a capital improvement program and the water rate increases necessary to meet these objectives.