

In the July 31, 2009 issue of the Water Quality update:

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Well Status Report

- Except for Well 10, all seasonal wells are now in service and pumping water into the distribution system.
- Well 8 was brought into service on July 29th. In late June and early July, the well was subjected to chemical treatment in an attempt to kill iron bacteria that were suspected of causing elevated levels of iron and manganese at the well. A forthcoming report on the treatment outcome is expected later this fall after additional testing is performed. In late July, Well 8 was producing water with 0.6 mg/L of iron and 55 µg/L of manganese.

Water Quality Test Results – June 2009

MICROBIOLOGY – In June, Water Utility staff collected 422 water samples from Water Utility facilities and representative sample locations in the distribution system. Samples were tested for coliform bacteria – indicators of potential water contamination. None of the samples collected in June tested positive for coliform bacteria.

RESIDENTIAL IRON & MANGANESE – Residential tap samples were collected from thirty homes in the Well 8 service area in June although Well 8 was not in operation at the time when the samples were collected. Manganese levels ranged from 0.2-44 parts per billion (ppb) with a median of 7 ppb. Iron levels ranged from <0.01-0.19 parts per million (ppm) with a median of 0.03 ppm. Additional monitoring will take place in August and September when Well 8 water is being pumped into the distribution system.

ANNUAL INORGANICS MONITORING – Each year the Water Utility tests water collected from each well for 30+ inorganic constituents. These chemicals include calcium, magnesium, iron, manganese, lead, arsenic, sodium, nitrate, and chloride. Click [here](#) for a summary of the test results for samples collected in mid-June. Complete results for all wells are also available on our [website](#).

Public Participation Process Update

In 2008, the Water Utility Board adopted a formal public participation process that will provide multiple opportunities for public input on proposed projects from inception to construction. The process is currently being used on each of the following capital improvement projects:

- Zone 4 Water Supply Augmentation – additional water supply and enhanced fire flow capacity for southeast Madison
- Arbor Hills Supplemental Fire Flow Supply – enhanced fire flow capacity for south Madison
- Near West Side Water Supply Augmentation – additional water supply for west Madison
- Well 8 Iron and Manganese Mitigation – water quality improvements for the Isthmus and Near East neighborhoods

Complete project descriptions can be found on our website at www.madisonwater.org. In addition, a Citizen Advisory Panel (CAP) is being formed for each project. Citizens are invited and encouraged to participate. Contact the Utility at 266-4651 or water@cityofmadison.com if you would like to get involved.

Subscribe to the Drinking Water Quality Listserv

People who want to receive regular updates on Madison's drinking water quality can subscribe to this e-mail listserv at <https://my.cityofmadison.com/>.

Registration is simple and provides access to dozens of City of Madison e-mail lists including Drinking Water Quality (this one) and Water Main Flushing, as well as departmental messages from Metro Transit, City Parks, Public Health, and Police.

Once registered for a “My Account”, click on the check box for “Drinking Water Quality” under the Water Utility heading.

Please contact me if you need assistance.

Sincerely,
Joseph Grande
Water Quality Manager
Madison Water Utility

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