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Well Status Report

- Except for Wells 8 and 10, all seasonal wells are now in service and pumping water into the distribution system.
- Well 8 will return to service following an investigation to determine if shock disinfection will reduce iron and manganese levels at the well. The treatment targets iron bacteria that may be causing elevated levels of these minerals that contribute to discolored water.
- Well 10 is not expected to operate this summer.
- Well 29 will be out of service for the week of June 22nd while the floor is painted.
- Well 15 was returned to service on Friday, June 19th. The well had been out of service since mid-April for maintenance and repairs.

Water Quality Test Results – May 2009

MICROBIOLOGY – In May, Water Utility staff collected 357 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 May tested positive for coliform bacteria.

IRON & MANGANESE – The Water Utility also collected samples from eight wells and tested the water for manganese and iron. At elevated levels, these minerals can cause yellow, orange, or brown colored water. Monthly water samples are typically collected from operating wells that exceed 0.15 ppm iron or 25 ppb manganese. The May test results are shown in the table below.

	Mn (ppb)	Iron (ppm)
UW 7	26	0.372
UW 9	0.9	<0.0009
UW 20	0.9	<0.0009
UW 23	23	0.057

	Mn (ppb)	Iron (ppm)
UW 24	23	0.122
UW 26	25	0.060
UW 27	29	0.166
UW 30	14	0.200

RESIDENTIAL IRON & MANGANESE – Residential tap samples were collected from sixty-eight homes in the Well 29 service area in May. Manganese levels ranged from 0.4-25 parts per billion (ppb) with a median of 2 ppb. Iron levels ranged from <0.01-0.14 parts per million (ppm)

with a median of 0.01 ppm. The iron and manganese concentrations observed at the residential tap were consistent with the levels measured at the filter plant. Residential tap sampling will be repeated later this fall.

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.

Public Hearing Set for June 23rd

As part of the public participation process described above, public hearings are scheduled during each phase of a project. A hearing to receive public comment on the establishment of the *Arbor Hills Supplemental Fire Flow Supply* and the *Well 8 Iron and Manganese Mitigation* projects will immediately precede the June 23rd meeting of the Water Utility Board. The hearing will take place at 4:30 p.m. in the main conference room of the Water Utility Administration Building located at 119 E Olin Avenue.

Long-Range Capital Improvement Budget

The proposed 2010-2015 Long-Range Capital Improvement Budget for the Water Utility will be discussed at the June 23rd meeting of the Water Utility Board. A public hearing previously took place on June 4th. Following consideration by the Water Utility Board, the proposed budget will be submitted to the Comptroller's office for inclusion in the Mayor's 2010 Capital budget. The draft budget is available on our website, www.madisonwater.org.

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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,
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