

In the November 26, 2008 issue of the Water Quality update:

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Water Quality Test Results – October 2008

MICROBIOLOGY – In October, the Water Utility collected 440 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 October tested positive for coliform bacteria.

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

	Mn (ppb)	Iron (ppm)
UW 6	3.4	0.026
UW 7	28	0.393
UW 8	52	0.581
UW 11	16	0.029
UW 12	0.5	0.004
UW 17	26	0.111

	Mn (ppb)	Iron (ppm)
UW 19	42	0.202
UW 23	29	0.066
UW 24	29	0.198
UW 27	31	0.105
UW 28	18	0.157
UW 30	14	0.202

RESIDENTIAL IRON & MANGANESE – Residential tap samples were collected from sixteen homes in the Well 8 service area in October. These homes were likely receiving water from Well 11 at the time of sampling since Well 8 is out of service for the winter. Manganese levels ranged from 1-17 parts per billion (ppb) with a median of 5 ppb. Iron levels ranged from 0.002-0.069 parts per million (ppm) with a median of 0.02 ppm. The Water Utility expects to collect additional samples in the coming months and will report the results on this listserv.

Well Status Report – Seasonal Wells

With the exception of Well 27, all seasonal wells are currently off-line for the winter. Wells 6, 8, 10, 17, 28 and 29 are designated as seasonal wells because they currently operate only during the summer months when water demand/use is highest. Well 27 remains in service to provide water to areas normally served by Well 18, which is currently out of service for maintenance. Well 18 is expected to be out of service for at least another six weeks.

Water Supply Project Updates

Two water supply projects were introduced at the regular monthly meeting of the Water Board on Tuesday. They included the Arbor Hills Supplemental Fire Flow Supply and the Pressure Zone 4 Water Supply Augmentation projects. The Board referred resolutions to establish the projects until the January meeting of the Water Board. This action will allow time to solicit public comment on the projects. Additional details on the projects can be found on the Water Utility website, www.madisonwater.org.

Public comments are welcome and encouraged. Written comments can be submitted to the Water Utility (119 E Olin Avenue) or by e-mail at water@cityofmadison.com anytime before the January Water Board meeting. Utility staff will also conduct a public meeting for each project, either in December or earlier January, to describe the project and answer questions. A public hearing will also be held at the January Water Board meeting. Anyone may present testimony regarding either water supply project at this hearing.

Finally, volunteers are needed to form a Citizen's Advisory Panel (CAP) for each project. If you would like to help the Water Utility formulate the location, scope, and character of either project, please contact the Madison Water Utility at 608-266-4651 or water@cityofmadison.com at your earliest convenience. Citizen involvement will make this project better.

Subscribe to the Drinking Water Quality Listserv

People who want to receive regular updates on Madison's drinking water quality can subscribe to this Listserv at:

<http://lavos.wiscnet.net/mailman/listinfo/drinkingwaterquality>

Sincerely,
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