

Madison Water Utility operates 23 municipal wells as part of its water supply system. Some of these wells are designated as seasonal wells, ones that are brought into service in the spring when water demand increases but taken out of service as demand decreases in the fall. Below is a description of when the Water Utility removed or plans to remove seasonal wells from service this year. To find out which well(s) serve your home or business, visit our website, <http://www.ci.madison.wi.us/water/serviceCustomer.cfm>. Water quality data for wells serving your address are also available at this website. After you enter the address, click on the well number(s) highlighted in blue to receive the water quality report(s).

#### Well 10 Operations – Update

The Water Utility operates Well 10 on Reserve Supply status during the higher demand summer months (June through September). This designation maintains the readiness of Well 10 for emergency use, if needed, without delivering Well 10 water to customer taps under normal conditions. On Thursday, September 28, the well was run for the last time in 2007 and it is currently being prepared for its winter shutdown. During all of 2007, no Well 10 water was pumped into the distribution system. The last time Well 10 water was delivered to Madison customers was on August 12, 2006. Wells 12 and 20 will continue to supply water to homes that were formerly served by Well 10.

For the next several years, it is expected that Well 10 will operate on Reserve Supply status during the summer months. Updates on future Well 10 operations will be made through this listserv and on our website, [www.madisonwater.org](http://www.madisonwater.org). The need to maintain Well 10 on Reserve Supply status will be phased out gradually as new facilities are constructed and infrastructure improvements are implemented. Information on system upgrades are available on our website under the Plans, Programs, & Projects tab.

#### Well 29 Operations – Update

During the higher demand summer months (June through September), Well 29 operates on standby to provide back-up water supply in case of fire or other water emergencies. Standby refers to a condition in which a well operates twice per week to turn over the water in the reservoir. This action ensures that a proper level of chlorine is maintained in the water and that fresh water is regularly added to the reservoir. On Monday, October 1<sup>st</sup>, the well was removed from stand-by status and taken out of service for the winter. Water from Well 29 was last pumped into the distribution system on Friday, September 29<sup>th</sup> at 2 a.m. While Well 29 is out of service, Wells 11 and 25 are supplying water to the Ridgewood neighborhoods off Thompson Drive.

Later in October and November, the Water Utility will be performing an extended pump test at Well 29. The pump test will involve pumping the well for 21 consecutive days. However, none of the water will enter the distribution system; all of it will be diverted to the storm sewer. The purpose of the pump test is to evaluate groundwater movements around the Sycamore landfill under high pumping rates at Well 29. At the conclusion of the test, the well will be shut down for the winter months.

The Water Utility is also currently in the design phase for the iron/manganese filter that will be installed at Well 29. Construction is expected to begin in the summer of 2008 with the filter at Well 29 operational by April or May 2009. Once in operation, the filter will remove most of the iron and manganese that has been causing discolored water in the area. Updates on future Well 29 operations and the status of the filter construction will be made through this listserv and on our website, [www.madisonwater.org](http://www.madisonwater.org).

#### Other Seasonal Wells

Over the next several weeks, Wells 6, 8, 17, and 27 will be taken out of service for the winter. Well 28, which normally shuts down in November, will remain on-line through December while maintenance work is performed on Well 26 later this fall. The Water Utility is also considering the conversion of Well 23 to seasonal status. Updates on the operation status of seasonal wells will be made through this listserv.

Sincerely,  
Joseph Grande  
Water Quality Manager  
Madison Water Utility  
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