

Report: Reservoir 106 Test Well Update

Legistar No. _____

To: Madison Water Utility Board
From: Larry D. Nelson, P.E. – Interim General Manager
Adam Wiederhoeft – Engineer
Date: 11/19/2007
Re: Test Well Pumping Activities at Reservoir Park

Test pumping activities at Reservoir Park are continuing at or ahead of schedule. As mentioned at the 10/23/07 Water Utility Board Meeting, the test pumping commenced 10/16/07. It is anticipated that the test pumping at this site will take up to 60 days, which results in an approximate completion date of 12/15/07. RMT continues to test and monitor the quantity and quality of the water on a weekly basis.

Recent developments include:

- During the weekend of 10/27/07 there was an unexpected pump shutdown. The pump was restarted by 8:00 AM on Monday 10/28/07 during a routine site check. As a result of the weekend shutdown, the test-pumping site has been added to the daily rounders route, which now monitors the site seven days a week.
- On Thursday 11/1/07 Al Larson and Ken Quinn of RMT adjusted the pump discharge valve to a rate of 350 GPM rather than the initial throttled rate of 300 GPM, which potentially could reduce the total pumping time required pending test results.
- Mayor Dave Cieslewicz and Larry Nelson met with members of the Sunset Hills Neighborhood Association on 11/2/07. The meeting was organized by the Neighborhood Association to present the potential impact of the proposed well house using an approximately scale size model of the building. During the meeting, the Water Utility agreed to provide a map of the near west side indicating potential well sites similar to that provided for the UW 3 Replacement Study.
- On 11/7/07 Sam's Well Drilling arrived to perform some minor maintenance issues including, replacing the original discharge meter due to the increased discharge rate and replacing the original oxygen tank.
- On 11/9/07 The City of Madison Streets Division was notified of the testing activities prior to scheduled leaf collection along Larkin St.
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Staff Recommendation: No action of the Water Utility Board required. This test pumping shall provide information, along with the proposed pump test of the Water Utility's site near Mineral Point Road and Whitney Way for a staff recommendation in the third quarter of 2008.