



Wellhead Protection Plan MEETING MINUTES RECORD

Meeting: Wellhead Protection Plan Meeting

Date: October 24, 2013 **Location:** N. Washington St. Conf. Room **Start Time:** 7:30 a.m. **Adjourn Time:** 8:23 a.m.

Attendees: Jasper Kruggel – GIS & Engineering Technician/Wellhead Protection Manager, Doug Lien – Water Superintendent, Justin Wagner – Interim Utilities Supervisor, Joe Stapf – Public Works Director/City Engineer, Sean Simonson – Engineering Tech. Coordinator, Erica Zweifel – City Council, George Kinney – EQC, Mary Savina – Carleton College, Catherine Christianson – Carleton College, Barb Neitzel – Recording Secretary

1. **Introductions of New Personnel**

J. Kruggel welcomed those present and introductions were made.

2. **Wellhead Protection Plan Approval**

J. Kruggel noted the plan was approved May 28, 2013. The DWSMA area changed to include both high and moderate vulnerability sections which were determined by particle tracking.

3. **Source Water Protection Competitive Grant Update**

Grant dollars were approved for the following:

1. Update drawdown equipment with new transducers - \$6,000.
2. Hire consultant to make inspections on private wells and high risk Potential Contaminated Sources within the DWSMA and collect GPS information on locations - \$4,000.

4. **Minnesota Department of Health Update**

Representative Pat Bailey was not in attendance to provide an update.

5. **City Municipal Well No. 6 Update**

Water Superintendent Doug Lien reported on Well No. 6 which will be located at 510 Jefferson Parkway. Dirt will be brought in early November to bring the grade up to help correct issues in the 500 year floodplain. They are currently working on the bid process to drill the well. Drilling will most likely occur in the winter months. The well casing into the Jordan aquifer will be established right away and the pump house will follow once the drilling is complete.

D. Lien also spoke on the longevity of Well No. 2. The State has been monitoring the nitrate levels that were at one point as high as nine parts. Well No. 1 and Well No. 2 are only 50 feet apart and plugging Well No. 1 would cause pressure on Well No. 2. G. Kinney felt that dropping Well No. 2 would not be possible until Well No. 6 is up and running. J. Kruggel noted that once the new software is installed you can test drawdown scenarios for these wells.

6. **Sixth Street Soil Contamination Update**

Engineering Tech Coordinator Sean Simonson reported on soil contamination discovered at the intersection of Sixth Street and Water Street during the reconstruction of that area. Testing by Braun Intertec determined the contamination was a petroleum product (GRO/DRO). Extra excavating (800 cubic yards) was done and levels were not high enough to export and were able to be brought to the Rice County Landfill. TCLP tests were done to determine leaching levels which showed very low amounts. The contractor was required to remove all contaminated soils around the utilities in that area.

7. **Discussion & Questions**

J. Kruggel stated that once Well No. 6 is drilled the Wellhead Protection Plan will need to be amended to incorporate that well into it.

D. Lien added that Well No. 6 will not need a pump right away so a portable pump will be used in the interim for testing.

J. Stapf pointed out that prior to 2013 the 100 year flood data showed 6.1 inches of rain in 24 hrs. and new data has it increasing to 7.3 inches in 24 hours.

The next Wellhead Protection Plan will be held in the spring of 2014.