

City of Columbia City
Water Resources Committee Meeting
January 15, 2010 - 1:00 p.m.
City Shop, 1755 Second Place
Meeting Minutes

Attendees:

Josh Fromm

John Burdett

Finos Lunsford

Robert Campbell

Micah Rogers, Public Works Superintendent

Leahnette Rivers, City Administrator/Recorder

Also in attendance: Sally Ann Marson, Micah Olson, Scott McMullen

1. Continued Ground Water Well Pumping Capacity Review and Discussion: Chair Fromm reported on the recent investigative activities with regard to the well. He explained that the pump had been removed, and the well was videoed. He said the pump is back in place and the well is currently pumping at a rate of 140 gpm. He provided Committee Members with photos of the process, and the Water Committee viewed the video taken of the well. The video did not reveal anything especially alarming about the condition of the well. There appears to be some build up of calcium along the well wall closest to the top of the well, but the stainless steel screen looks very clean. The Committee discussed the possibility of doing some sonar jetting and/or impulse generation within the well, as well as whether or not some acid treatment to remove the calcium buildup would be beneficial. Concerns relating to each of these processes include costs (sonar jetting in June 2008 increased pumping capacity by about 40 gpm, but the increased capacity has since been lost). There's also a concern that the shaking or vibrating actions associated with sonar jetting and/or impulse generation may actually cause the particles to settle tighter together and reduce production rather than increase it. Water test records were reviewed and did not reveal any previous test results for calcium. Well number 1, which produces about 50 gpm, has been shut down and moth balled since the final development of well number 2. This is because well number 2 was thought to have a production capacity of 300 gpm. Well number 1 could be piped directly into the chlorination facility, but additional information is needed first to determine the combined pumping capacity of the two wells first.

Committee Members agreed that the following steps should be taken next: Test the water for calcium, and perform new drawdown tests with wells 1 and 2 to monitor performance and document the relationship between the wells. Once the test results and the pumping data is

available, the Committee will meet again to further consider acid treatment of well 2 and connecting well 1 into the chlorination system.

2. Other Business: Leahnette said the Council has authorized hiring Clark Balfour and a water rate consultant to review the existing water agreement and determine if there is a need to negotiate a new agreement, and to review the recent rate methodology completed by St. Helens for consistency with the current water agreement.

3. Adjourn: Meeting adjourned at 3:0

0 p.m.