



White City Water Improvement District

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General Manager's Report

Well 5A, located on Serpentine Way has now been completed at a cost of approximately 1.8 Million Dollars. It has the capacity to pump between 1,500 to 2,500 gallons per minute and is a great addition to the water sources relied upon by White City Water Improvement District ("WCWID") to meet the needs of our residents. The well was completed on time and below budget. The project has required a tremendous amount of work on the part of WCWID's staff, engineers and contractors. We want to personally thank everyone involved in the project. In addition, we want to thank the neighbors of the well site who have graciously put up with the dust and noise of construction.

A number of years ago, WCWID issued bonds to upgrade and improve the water system. The refurbishment or replacement of old Well 5, located at the bottom of Dimple Dell Regional Park, was high on the project priority list. In addition, the bond has been used to upgrade and replace water mains throughout the District and to replace all of the outdated water meters with new radio read meters. The bond has also been used to refurbish WCWID Wells 3A and 4. The remaining bond projects, to be completed no later than March 31, 2010 as per bond requirements, are refurbishment of Well 8, commercial meter upgrades and replacement, water storage tanks painting and structural upgrade. In addition, the Board of Trustees has voted to replace and upgrade the old water main in Galena Drive from Antimony Drive to 9800 South.

Since purchasing the old White City Water Company in 1995, WCWID, with the support and encouragement of its residents, has methodically updated and improved the water system. WCWID have done so to ensure the continued delivery of pristine deep well drinking water to the residents and to meet fire flow requirements. WCWID has made the improvements and upgrades without property taxes. Instead, WCWID has adopted a water rate structure that allows it to meet its obligations and to operate the system. (While WCWID could impose a property tax, its elected Board of Trustees has consistently voted to not tax, but to instead rely upon cost-based rates.)

Because WCWID provides its drinking water from deep wells, it is not required to "treat" the water with chlorine or other chemicals prior to delivery to the residents. [WCWID also does not add fluoride to the water because it is not dependent upon any other water system for wholesale water.] This does not mean, however, that WCWID does not test its water to ensure its safety. We do.

General Manager

Paul H. Ashton , J.D.

Board of Trustees

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Inside this issue:

General Manager's Report 1

General Manager's Cont. 2

General Manager’s Report Cont.

The Utah Safe Drinking Water Act requires all public water systems to systematically sample their water to test for inorganic contaminants (such as arsenic, nitrates), organic material (such as number of coliform colonies per milligram/liter), lead & copper, etc. WCWID complies with all Drinking Water rules and requirement. For example, every month, WCWID will pull 18 samples of water, from meters scattered throughout the system, to take to an independent laboratory for testing to determine the presence, or lack thereof, of coliform. Coliform is bacteria that are naturally present in the environment. The mere presence of coliform is not dangerous in or of themselves. They are everywhere. Nonetheless, we test for the presence of coliform in the water because too much coliform can be indicative that other, potentially – harmful, bacteria may be present in the water, such as e-coli or fecal matter. So you can understand the process, and pursuant to Drinking Water Rule 309-220, here is an example of what happens.

On August 6, 2009, as part of WCWID’s routine sampling, it was determined by the laboratory that two of WCWID’s routine water samples showed a higher presence of coliform than allowed. Because coliform might be an indicator of a problem, and pursuant to Rule, on August 7, 2009, six additional samples were taken from the suspect areas. New samples were taken at the original sample sites, together with samples “upstream” and “downstream” of the original locations. Those samples were then submitted to the laboratory. After analysis, the laboratory determined there was no indication of harmful bacteria, such as e-coli or fecal matter in the water supplied. However, the laboratory did determine the coliform level was still too high, although significantly less than previously found. Following receipt of the result, WCWID staff “flushed” the water mains in the area and seven new samples were drawn. This time, the lab showed neither harmful bacteria nor “positive” coliform presence.

General Manager’s Report Cont.

Because it is unusual for WCWID’s water samples to show any “positive” coliform, an investigation was undertaken following the August 6-7 samples. Based on that investigation, it has been determined the new construction of Well 5A and transmission line introduced some dirt or other debris into the water system, resulting in higher than normal coliform levels. (Even a small amount of dirt, although not harmful to humans, could result in higher than expected coliform.) Consequently, the main lines were “flushed” by opening fire hydrants. The flushing resolved the problem and water samples now show “negative” for coliform.

Again, although a violation of the coliform MCL occurred on August 6-7, 2009, the matter has been resolved by “flushing” the system. No one was at risk as no e-coli, fecal matter, or other harmful bacteria was found in the water. As noted in Rule 309-220-14: *“Total Coliform: Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.”* WCWID took the appropriate steps needed to ensure that not one was put at risk. If you have any questions, please feel free to contact either Paul H. Ashton, General Manager or Ryan Johnson, Operations Manager, at 999 E. Galena Drive, Sandy, Utah 84094.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing home, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail. This newsletter/notice may also be reviewed on the District’s website: www.wcwid.org.