

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Bryan Co. Rural Water Dist. #2 Did Not Meet Treatment Requirements. Our water system recently violated drinking water requirements. Although this was not an emergency and does not require that you take immediate action, as our customers, you have a right to know what happened, what you should do and what we have done to correct this situation. We routinely monitor your water for turbidity (cloudiness). This tells us whether we are effectively filtering the water supply. During the month of October 2016, one (1) sample was above the standard of 1 turbidity units. We also routinely monitor your water for disinfectant residual (free chlorine) at the point of entry to the distribution system and in the distribution system. This tells us whether we are effectively disinfecting the water supply and preventing the growth of organisms. During the month of October 2016, two (2) chlorine residual samples at the point of entry to the distribution system were less than the standard of 1.0 mg/l. **What does this mean?** This is not an emergency. If it had been, you would have been notified within 24 hours. Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. The organisms include bacteria, viruses and parasites, which can cause symptoms such as nausea, cramps, diarrhea and associated headaches. These symptoms are not only caused by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice. **What should I do?** There is nothing you need to do. **You do not need to boil your water or take other corrective actions.** However, if you have specific health concerns, a severely compromised immune system, have an infant, are pregnant, or are elderly, you may be at increased risk and should seek advice from your health care providers about drinking this water. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1-800-426-4791. **What happened? What is being done?** On October 25th, there was a reported entry in the monthly operational report (MOR) of a finished Turbidity reading 1.50 mg/L, exceeding the maximum amount of 1.00 mg/L. After reviewing the daily filter sheets, it was discovered that the actual reading was 0.15, and the reported number was in fact a typing error. On October 18th, there were two entries reported on the MOR for low Chlorine of 0.54 and 0.48 mg/L, going below the required level of 1.0 mg/L. This was caused by a vacuum leak in the CL2 feed line during the overnight hours, causing us to go under the required limit for a period of 2-4 hours the proceeding day. This issue was immediately repaired and has since had no issues with low CL2 readings.

Bryan Co. R.W.D. #2 also has levels of Total Trihalomethanes (TTHMs) Above Drinking Water Standards. TTHMs are chemical compounds formed when chlorine, which is used to kill disease producing organisms, react with certain organic materials dissolved in water. These organic materials usually come from decaying vegetation such as leaves, pine needles, algae or other plants which may end up in the water source. Some animal studies have shown that high concentrations of TTHM may increase the risks of some cancers. The standards for these compounds are based on lifetime exposure of several decades. We routinely monitor for the presence of these drinking water contaminants. Our water system recently violated drinking water standards. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation. Testing results we received for **October 2015 through September 2016 and January 2016 through December 2016** show that our system exceeds the standard or maximum contaminant level (MCL) for TTHM. The standard or MCL for TTHMs is 0.080 mg/l. It is determined by averaging all the samples collected at each sampling location for the past 12 months. The level of TTHMs averaged at our system's locations during these time periods was **0.093 and 0.163 mg/L and 0.097 and 0.151 mg/L.** **What should I do?** There is nothing you need to do unless you have a severely compromised immune system, have an infant or are elderly. These people may be at increased risk and should seek advice about drinking water from their health care providers. **What does this mean?** This is not an emergency. If it had been, you would have been notified immediately. However, some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer. **What happened? What is being done?** As stated in previous notices that were sent to each of our customers on Sept. 30, 2015, Dec. 30, 2015, March 30, 2016 and July 29, 2016, due to the high levels of manganese in our raw water last summer we were forced to begin pre-chlorination in our water treatment process. Even though our manganese levels have decreased in our raw water and we were able to return to our normal treatment process, our average TTHM's are still high. We are working with the Oklahoma Dept. of Environmental Quality (DEQ) and our Engineers in order to install aeration systems on our water towers. This project has been bid and awarded and should be completed by March 14, 2017. This method has been known to decrease the TTHMs and help other Water Districts to get back in compliance. The Oklahoma DEQ has issued a Consent Order, which orders us to be back in compliance no later than June 2019. Once our samples show that we are back in compliance, customers will continue to receive additional Violation Notices until the average is back in compliance. For more information about TTHMs, go online to sdwis.deq.state.ok.us.

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 homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail. For further information, please contact Mgr Regina Clinton at (580) 924-8517 or P. O. Box 119, Mead, OK 73449. This notice is sent to you by Bryan Co. R.W.D. #2, PWSID #OK1010604, NOV #P-1010604-16-2 & Consent Order, Case #16-036 on Dec. 30, 2016.

Regina Clinton, Mgr.

