



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
Nashville Environmental Field Office
711 R.S. Gass Blvd.
Nashville, TN 37216
Phone 615-687-7000 Statewide 1-888-891-8332 Fax 615-687-7078

April 30, 2018

Mr. Julian Sampson, President
Laguardo Utility District
7880 Coles ferry Pike
Lebanon, TN 37078

RE: Sanitary Survey (Community Water System)

Laguardo Utility District
PWSID #0000394
Wilson County

Dear Mr. Julian:

On April 11 and 12, 2018, I visited the Laguardo Utility District (LUD) and performed a Sanitary Survey. The survey consisted of a records review to document the operational performance of the system and an on-site inspection of the water treatment plant and distribution system. The survey covered the time period from September 9, 2016, through April 12, 2018. The Division of Water Resources (Division) would like to thank Mr. Joey Hardin and Mr. Travis Owens for their courtesy and willingness to work with the Division. In accordance with the Sanitary Survey Manual the LUD earned 599 points out of a possible 599 points for a numerical score of **one-hundred percent (100%)**. This rating retains the LUD in the State's "**Approved**" category.

The following deficiencies, comments, and/or recommendations as outlined in the Sanitary Survey Rating Form was identified during the survey and should be addressed as applicable.

1. Section 1: System Management and Operation

• **Subsection C. Submission of Monthly Operation Reports**

1. During the review of the water system Monthly Operation Reports (MORs) it was noted that the following MORs were received late: September 2016, October 2016,

February 2017, June 2017, July 2017, and October 2017. All MORs must be received by the Division by the tenth day of the following month they represent. No points were deducted for these infractions.

Please provide a written response, within forty-five (45) days of receipt of this letter, unless a different deadline is stated, outlining what will be done or has been done to correct the above mentioned issue. Send the response letter to the address at the top of this letter, to my attention.

General Observations, Comments, and Recommendations

1. Since the last Sanitary Survey, the population served by LUD has increased to 10,781 individuals (4,023 connections). This increase is not significant enough to increase the number of bacteriological samples collected each month. Therefore, the LUD will continue to collect and analyze **ten (10)** bacteriological samples each month
2. During the survey, Division staff observed Mr. Travis Owens correctly perform analysis for the following parameters: turbidity, free chlorine residual, temperature, pH, alkalinity, iron, CO₂, orthophosphate and manganese. Therefore, state approval for daily analysis of the above listed parameters is hereby granted to LUD. This approval is effective until the next sanitary survey as long as Mr. Owens is employed by the water system and is contingent on proper maintenance of equipment and calibration standards.
3. Division staff observed Mr. Travis Owens correctly calibrate the in-line turbidimeter and the 2100N bench-top turbidimeter. Therefore, state approval is hereby granted to LUD for calibration of these instruments. This approval is effective until the next sanitary survey as long as Mr. Owens is employed by the water system and is contingent on proper maintenance of equipment and calibration standards.
4. During the survey, water system staff collected a chlorine residual measurement in the distribution system; a chlorine residual of 1.5 mg/L was obtained at Coles Free Pike. The result was within acceptable limits established by State and Federal Requirements.
5. The updated Drinking Water Monitoring Program for the system in accordance with Rule 0400-45-01-0.17(3) is enclosed.

I would like to thank the LUD personnel for their assistance and courtesy. If you have any questions or need additional information, please contact me at (615) 687-7061 or by email at mehdi.sadri@tn.gov

Sincerely,

A handwritten signature in cursive script that reads "mehdi sadri".

Mehdi Sadri
Environmental Protection Specialist
Division of Water Resources

Enclosures

e-copy: Mr. Joey Hardin, General Manager: "jhardin@laguardoud.com"
e-file