



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources  
Cookeville Environmental Field Office  
1221 South Willow Avenue  
Cookeville, Tennessee 38506

Phone 931-520-6688

Statewide 1-888-891-8332

Fax 931-432-6952

March 10, 2021

Mr. Ryan Edmonds, President  
Bon De Croft Utility District  
8756 Crossville Highway  
Sparta, TN 38583

RE: **Sanitary Survey**  
Bon De Croft Utility District  
PWSID #0000653  
White County, TN

Dear Mr. Edmonds:

On March 1, 2021, Lonnie McCloud of the Division of Water Resources visited your system and performed a Sanitary Survey. The Survey consisted of a records review and onsite inspection of the water treatment plant and distribution system to document the operational performance of the system. The Survey covered the time frame of September 30, 2021, to March 1, 2023. I would like to thank you, Mr. Jason Bryant, Mr. Tim Smith, and staff for the courtesy and timely response to division requests. Bon De Croft Utility District earned 599 points out of a possible 599 points for a numerical score of **ninety-nine** (99%). This rating retains Bon De Croft Utility District in the State's "**Approved**" category.

**1. Section 4: Treatment**

**Subsection H: Turbidimeters/Calibration**

Consult 0040-45-01-.17(41)(b) Combined filter effluent turbidimeters as required by part (5)(c)1. of Rule 0400-45-01-.31 must be verified daily and documented. When reference material is utilized, documentation must include instrument identification, date, assigned reference material value after calibration, and daily value for reference material. When comparisons to benchtop turbidimeters are utilized, documentation must include: instrument identification, date, continuous turbidimeter value, and benchtop turbidimeter value.

Bon De Croft Utility District failed to verify the combined turbidimeter. During the Sanitary Survey the issue was corrected the same day as the findings. Water plant personnel were already revising data sheets for recording the turbidity data.

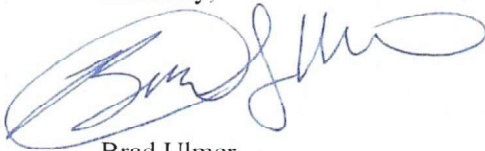
Assessment: Two (2) points

**2. General Observations, Comments, and Other Recommendations.**

- State approval to conduct turbidity, total alkalinity, pH, and free chlorine residual analysis is granted to Mr. Jason Bryant. This approval is valid until the next Sanitary Survey and is contingent upon proper operation, calibration, and maintenance of turbidity equipment.
- The bacteriological sampling rate for Bon De Croft Utility District will remain at **five** (5) samples each month based on the population served.
- Public Water System Rules dated may be downloaded at:  
<http://publications.tnsosfiles.com/rules/0400/0400-45/0400-45-01.20160605.pdf>
- The Sanitary Survey Manual may be downloaded at:  
[https://www.tn.gov/content/dam/tn/environment/water/ftc/wt\\_sanitary\\_manual.pdf](https://www.tn.gov/content/dam/tn/environment/water/ftc/wt_sanitary_manual.pdf)
- Community Public Water Systems Design Criteria may be downloaded at:  
[https://www.tn.gov/content/dam/tn/environment/water/ftc/wt\\_design.pdf](https://www.tn.gov/content/dam/tn/environment/water/ftc/wt_design.pdf)
- The Water and Wastewater Operator Certification Rules may be downloaded at:  
<https://publications.tnsosfiles.com/rules/0400/0400-49/0400-49.htm>

Again, I would like to thank the Bon De Croft Utility District personnel for their assistance and courtesy. Please contact Lonnie or me at (931) 520-6688 if you have questions, comments or need additional information.

Sincerely,



Brad Ulmer  
Environmental Field Office Manager  
Division of Water Resources  
Cookeville Environmental Field Office

cc: Mr. Jason Bryant, Chief Operator  
DWR- Central Office  
File