



*Improving the Quality of Life in Rural Ohio*

## **2016 First Quarter Report**

### **CASE STUDY:**

#### **OHIO RURAL WATER ASSOCIATION WASTEWATER TECHNICIAN AND THE VILLAGE OF SPENCER**

Zanesville, Ohio: The superintendent at the Village of Spencer Wastewater Treatment Plant contacted the ORWA Wastewater Technician for assistance in some laboratory analysis calculations. During a recent Ohio EPA inspection, the inspector was questioning calculations for the plant's Carbonaceous Oxygen Demand analysis.

The ORWA Technician made an onsite visit to determine if the calculations had been done correctly. After reviewing laboratory bench sheets, it was determined that the calculations were done slightly different than usual, but were still correct. The ORWA Technician then supplied the operator with an Excel spreadsheet that automatically performs the arithmetic to determine future CBOD.

As a result of this contact, the operator now cannot make mistakes during analysis computation and can continue performing this test in the lab, saving the community thousands of dollars a year.

*The Ohio Rural Water Association was founded in 1976, with the goal of improving the quality of life in rural Ohio. With funding primarily through membership dues and federal grants, ORWA offers free on-site technical support to water and wastewater systems, both large and small. This includes: assistance with the operation and maintenance of water and wastewater treatment plants; source water protection planning; and distribution system troubleshooting such as leak detection, smoke testing, line locating, and sewer line inspecting. ORWA also offers training opportunities on the operation, management, finance, and governance of water and wastewater utilities.*

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