



Improving the Quality of Life in Rural Ohio

2017 First Quarter Report **CASE STUDY:**

OHIO RURAL WATER ASSOCIATION AND THE VILLAGE OF BOTKINS, OHIO

Zanesville, Ohio: The Village of Botkins requested and received free Energy Efficiency Assessments for both their water and wastewater treatment facilities from the Ohio Rural Water Association. The village's water operations specialist was on-hand during the physical assessment providing operational information. He also provided all the follow-up information requested post assessment.

The ORWA Energy Efficiency Circuit Rider conducted a physical assessment of the facilities, recording equipment and operational information as well as collecting data on flow rates and electrical usage. The Energy Efficiency Circuit Rider then developed a report, based on the information gathered, that identified opportunities for energy and cost savings. The report estimated project costs, savings, and projected payback times. If the village chooses to follow all the project recommendations, they are estimated to save \$2,933 annually in electric costs at the water treatment facilities, and \$5,174 annually at the wastewater treatment facility.

The Ohio Rural Water Energy Efficiency Program is just one of many services provided to rural water and wastewater systems across Ohio.

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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