



*Improving the Quality of Life in Rural Ohio*

## **2016 Third Quarter Report** **CASE STUDY:**

### **OHIO RURAL WATER ASSOCIATION ENERGY EFFICIENCY AUDIT PROGRAM LAUNCH**

Zanesville, Ohio:

The new Energy Audit Program at ORWA launched during the 3<sup>rd</sup> Quarter of 2016, where seven water and wastewater systems were audited.

The ORWA Energy Audit Program Circuit Rider completed energy efficiency audits that included each facility's buildings and equipment. Dozens of energy efficiency evaluations took place at each system, such as, but not limited to electrical usage, HVAC efficiency, equipment analysis, etc. Final reports and recommendations were then sent to each system as well as to National Rural Water.

ORWA has created an algorithm to calculate the benefits provided by this program. The algorithm includes pricing if the audit were done by an outside entity. As well, the algorithm takes into consideration discounted cost savings for each specific system if audit recommendations were enacted.

Thus far, all systems audited, as well as National Rural Water, are thrilled with the results. ORWA's algorithm has calculated a savings/benefit of over \$300,000 this quarter for the auditing of these seven systems.

*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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