



Improving the Quality of Life in Rural Ohio

2017 First Quarter Report

THE OHIO RURAL WATER ASSOCIATION PROVIDED ALMOST \$1.2 MILLION IN BENEFITS TO RURAL COMMUNITIES DURING THE FIRST QUARTER OF 2017

Zanesville, Ohio: The Ohio Rural Water Association (ORWA) reviewed our work for the 1st quarter of 2017 (January 1 to March 31) and determined that the **organization provided \$1,198,475 in benefits to Ohio's rural water and wastewater utilities**. These benefits included training operators, detecting water leaks, protecting drinking water sources, providing energy audits, and inspecting sewer systems.

Considering our federal grant income of about \$150,000 this quarter, ORWA estimates that we provided a **net overall benefit of well over \$1 million to rural water and wastewater systems** during these three months.

Put another way, ORWA's grant management is extremely effective and efficient as for every dollar of federal assistance we were given, ORWA provided \$6.99 in benefits to rural Ohio.

To illustrate the work of the Ohio Rural Water Association through an example: A village in southern Ohio occasionally has sanitary sewer overflows (SSO's) during periods of heavy rainfall. These flows need to be estimated and reported to the Ohio Environmental Protection Agency. In cases where overflows occur at manholes there is no flow meter to directly measure the amount of discharge. Flows need to be calculated using physical measurements and calculations or values from tables.

The Wastewater Superintendent contacted the ORWA Wastewater Technician to assist them in estimating overflows. The Technician provided the necessary information to accurately measure flows from manholes under varying conditions. Example scenarios such as covered and covered manholes, pick hole overflows and open conduit flows were explained along with photos. Measurements and calculations were reviewed so overflows could be accurately estimated.

As a result of this contact, collection system personnel now have a reliable method to determine sanitary sewer flows. They also have the documentation to demonstrate how the flow estimates were calculated.

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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