

# Tri-Con Operator Classes

WEDNESDAY 8:30am – 5:00pm, Room 210:

## Water Treatment – Compliance and Safety

TRE 5818-15-12: WT All (Process) 7 hours

Instructor: **Terry Bradley**, MCET

How does compliance and safety impact the daily routine of water system operators? This course provides participants a wide variety of compliance related topics including: the induction and compliance of the Safe Drinking Water Act; proper sampling procedures and associated regulations; operator certification requirements; MDE permits and reporting; proper operator recordkeeping; and both OSHA and EPA requirements. These important topics have been compiled for the beginning operator as well as the experienced operator/manager.

THURSDAY 8:30am – 5:00pm, Room 210:

## SCADA Systems

TRE 5738-15-06: All Operators (Process) 7 hours

Instructor: **Mark Catlin-Brown**, MCET

This course is designed to show the participants how SCADA systems can be used to get the best performance out of water and sewer systems at the least cost. It will cover the parts of a SCADA system in general and show how they function and relate back to a site-specific wastewater treatment plant. It will include the use of remote reading water meters and how they can be used in conjunction with a SCADA system monitoring a water source and production system to reduce the amount of lost water and lower the cost of operation. It will also demonstrate how a SCADA system can be used to isolate I&I in a sewer collection system and how this can affect the plant's operations. Finally, it will cover in detail the use of SCADA to control the process used in an ENR Wastewater Treatment Plant to meet the requirements of the NPDES permit, even during periods of changing flow, in great detail.