

MRWA WASTEWATER OPERATION & MAINTENANCE TRAINING SESSION



AGENDA

- 8:00am** **MRWA Updates and Services**
See what's new in the industry and learn about the changes in store for water and wastewater operations specialists. Get the latest on MRWA training, events, and technology.
- 8:30am** **MRWA Energy Efficiency Program**
Find out how to save money for your city with the help of MRWA's Energy Efficiency program for wastewater plants.
- 9:00am** **Those Dang Rags: Pump School 101**
Learn simple techniques and skills to better understand pumps, their applications, and future maintenance in order to get the best from your wastewater pump. Hear an update on laws regarding "flushable wipes" and the negative effect they have on your wastewater system.
- 10:00am** **Bio-Augmentation / Algae Control**
See the advantages of adding active bacteria to wastewater to advance treatment. Learn how to remove grease and sludge with natural bacteria via bio-augmentation.
- 11:00am** **Inflow and Infiltration / Phosphorus Removal in Wastewater Ponds**
See the real problems with I&I in wastewater systems and how negatively it can affect infrastructure and treatment if not found and corrected. Plus, learn how to treat phosphorus in a wastewater lagoon as more systems have a phosphorus limits.
- 12:00pm** **Lunch (Provided)**
- 1:00pm** **Wastewater Laboratory & Compliance 101**
Hear how to properly sample wastewater, fill out chain of custody, and meet holding times. See what's new in wastewater permits and compliance and how to be better prepared by understanding your laboratory equipment.
- 2:00pm** **Wastewater Collections Inspections Demo**
Having trouble seeing and inspecting your collection system? Learn how to thoroughly inspect manholes and sewers with technology in televising. See a hands-on demo of inspecting sewer mains and laterals with sewer cameras and how to map out and inspect manholes.
- 3:00pm** **Aye Aye, Captain!**
See how drones are being used for sludge judge applications.
- 3:30pm** **Wastewater Operator Round Table**
Discussion on new topics and problems in wastewater that your city may be facing in a group setting.
- 4:00pm** **End of Day**

December 1, 2020

**McGregor
Community Center
41442 MN 65
McGregor, MN**



Course Instructors:

A.W. Research Laboratories, Inc.;
Bolton & Menk, Inc.; MacQueen
Equipment; Team Laboratory
Chemical Corp.; W.W. Goetsch
Associates, Inc.; and Minnesota
Rural Water Association

- **Social distancing & masks will be followed as per state mandates.**
- **Limited attendance allowed as per facility guidelines.**
- **Pre-registrations is REQUIRED.**
- **No Walk-ins will be allowed.**

**Six Certifications Hours for
Full Day Attendance**

There is **NO** charge for this
session

To Register For Any Training Session: Call the MRWA Office at 800-367-6792 or online at www.mrwa.com. Use the Training Calendar link.