

MRWA WASTEWATER OPERATION & MAINTENANCE TRAINING SESSION



- 8:00am** **MRWA Updates / What's New in the Industry**
Learn about changes in store for the future of wastewater operations specialists and opportunities to benefit you.
- 9:00am** **Proper Wastewater Sampling Techniques**
Learn about the chain of custody, the importance of sampling, and MPCA wastewater sampling guidelines.
- 10:00am** **Dissolved Oxygen, pH, and Conductance in Wastewater**
See how to properly calibrate laboratory field instrumentation. Learn proper techniques and documentation per your wastewater permit.
- 11:00am** **Lift Station Flow and Calibration**
See technology to assist you in calibrating a lift station using mag meter technology and/or other new types of industry leading calibration practices on-site in Two Harbors.
- 12:00pm** **Lunch - (On Your Own)**
- 1:00pm** **Inflow & Infiltration Ramifications, Sources & Fixes**
This discussion will review the various causes and fixes for I/I and look at an I/I reduction plan and what to keep an eye out for when looking at data to help determine the causes and locations of I/I.
- 2:00pm** **Manhole Inspection Camera and Televising Demo**
See an on-site inspection of a manhole with televising equipment.
- 4:00pm** **End of Day**

August 8, 2018
City of Two Harbors

Fire Hall
505 1st Avenue
Two Harbors, MN



Course Instructors: A.W. Research Laboratories, Inc.; Bolton & Menk, Inc.; Calibrations and Controls, Inc. (a subsidiary of First Systems Technology, Inc.); Hach Co.; MacQueen Equipment, Inc.; and Minnesota Rural Water Association

Six Certifications Hours for Full Day Attendance

There is **NO** charge for this session

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Water & Wastewater Utility Systems
Large & Small, Municipal & Rural
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Call the MRWA Office at 800-367-6792 or online at www.mrwa.com.

Use the Training Calendar link.