

## Agenda

- Overview the basics and design of DI pipe joints
- Introduce restrained joints and proper procedures
- Non-buried installations, including bridges, in-casings, on-piers, bypass lines, river crossings and more
- Principles and practices for trenchless installations
- Developing and HDD profile: critical considerations
- Review actual examples and cases with video

### Training Session Dates:

We will email the connection and Zoom information 48 hours prior to each class. Classes are limited to 20 attendees each.

**Monday,  
December 7, 2020**  
1:00-3:00PM

**Friday,  
December 18, 2020**  
7:30-9:30AM

Maine Water Utilities Association  
15 University Dr  
Augusta ME 04330

# Bridges, Casings, and Joints-Oh My!

An Exploration of Ductile  
Iron joints, Horizontal  
Directional Drilling, & More

*Live "Virtual" Training  
Sessions*

**2.0 Maine BLWSO TCHs**  
**2.0 Maine DEP TCHs**





**McWANE  
DUCTILE  
IRON STRONG**

### Your Instructor(s):

**Jerry Regula** – National Product Engineer, McWane Ductile

JR has been with McWane Ductile for 30 years and is well experienced in all facets of the manufacturing and installation process of DI water & sewer products. He is further qualified in hands-on assistance and guidance.

**Ken Rickvalsky** – National Product Engineer, McWane Ductile

Ken has spent 14 years with Griffin Pipe Products, and more recently 16 years with McWane Ductile continuing services of engineering design, system troubleshooting, field assistance, and more guidance. If it has happened to a utility, he has seen it.

### Registration Fee:

**Member - \$55.00  
Non-member - \$70.00**

Register online: [www.mwua.org](http://www.mwua.org)

Or call us at **207-623-9511** to save your spot today!

### Training that Fits your Needs

Maine Water Utilities Association has partnered with Tom's Water Solutions LLC to offer extensive water and wastewater trainings. Watch for continued development of new and upcoming trainings.

Maine Water Utilities Association was formed as a membership organization in 1925. We are not driven by a profit or the bottom line. Our solemn promise is to always provide what you need at the **best possible price.**

### Track classes of interest at:

[www.mwua.org](http://www.mwua.org)

[www.tomswatersolutions.com](http://www.tomswatersolutions.com)

Or contact us for more information!

### Class Description

Trenchless and non-buried solutions can be complicated, as well as the proper installation of joints. However, we will explore this and more in an easy-to-understand fashion. This class will highlight the pipe basics and design of DI restrained joints, bridge crossings, in-casings, on-piers, bypass lines, river crossings, and more.

Couldn't get enough? We will also be diving right into horizontal directional drilling with videos of actual in-the-field examples and cases to be aware of and what to watch out for.

As usual, bring your questions as your instructors will be ready to address any issues or difficulties you may be facing.

### Contact Us

Maine Water Utilities Association  
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207-623-9511  
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[www.mwua.org](http://www.mwua.org)