



**Water System Operations Basics: Groundwater, Wells & Pumps
Monday, March 20, 2023**

WRWA Technology Center – 351 Water Way, Plover, WI 54467
(6 Municipal Waterworks Credits)

8:00 – 11:00 **Groundwater:** This part of session will cover many of the basics of water and groundwater resources. Understanding the basics of the water cycle and groundwater are essential to the operations of a water utility. Instructors will discuss not only the water cycle, but basic water properties, the geology and aquifers of Wisconsin and their characteristics, the basics of groundwater movement, wellhead and source water protection and an overview of water conservation.

Session Instructor: Tony Roche – *Wisconsin Rural Water Association*

11:00 – 12:00 **Lunch** (on your own)

12:00 – 3:00 **Wells & Pumps:** Over 90% of municipal water utilities use groundwater as their source. Having knowledge of wells and pumps is essential to the duties of a water utility operator. This portion of the session will cover the types of wells, and discussion which may be suitable for a municipal water system, well drilling methods, the components of a well, and different pumps that are commonly used in a water system and how they work.

Session Instructor: Pete Bennin – *Water Well Solutions Service Group, Inc.* (WRWA Corporate Gold Member)

Pre-Registration is required for this class.

Complete the form below and return with payment to WRWA.

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___ Member Fee --- \$110

___ Non-Member Fee --- \$140

Name _____ DNR Certification Number _____

System/Employer _____

Address _____

City, State _____ Zip _____

Phone _____ Email _____

Send payment and form to: WRWA, 350 Water Way, Plover, WI 54467

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