



Pump & Valve O&M

January 21, 2026 – Fox Lake Community Center, 248 E State St. Fox Lake, WI, 53933
(6 Municipal Waterworks/ 6 Wastewater Credits)
No Fee

- 8:00–9:00 ~ Introduction to and Overview of Pumps
9:00–10:00 ~ Submersible Pump Parts & Functions ~ Key components covered include:
Terminal Boards, Stator/Cable Connections, and Cable Entry.
10:30–10:30 ~ Motor Overview ~ This section will cover Pump Rotation, Nameplate Data,
and Housing.
10:30–11:00 ~ Stator Overview, Removal, Installation, & Motor Maintenance ~ Motor winding and
insulation will be discussed. Maintenance strategies for bearings, shafts and rotors.
Special tools and cooling systems will be discussed.
11:00–11:30 ~ Valve Maintenance
12:00–1:00 ~ Lunch (Provided)
1:00–1:30 ~ Hands-on Pump Demonstration
1:30–2:00 ~ Pump Component Demonstration
2:00–3:00 ~ Pump Tear-Down & Rebuild

Course Instructor: Joshua Voigt, Xylem, Inc. (*WRWA Corporate Member*)

Course material will include PowerPoint Presentations, videos, and hands-on activities. The textbook used for all classroom lectures will be The Flygt Pump “Product Education Manual” and can be taken with the attendee at the end of the course. Dress will be casual – the handling of some equipment may be dirty.

Pre-Registration is required for this class.
Complete the form below and return to WRWA.

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Name _____ DNR Certification Number _____
System/Employer _____
Address _____
City, State _____ Zip _____
Phone _____ Email _____

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

Go to www.wrwa.org – Must fax completed form(s) to (715) 344-5555 or e-mail the completed form(s) to wrwa@wrwa.org

For more information: Phone: (715) 344-7778 Email: wrwa@wrwa.org