

VIRGINIA RURAL WATER ASSOCIATION PRESENTS

# Pump Operation and Maintenance

(6.0 CPE's for Water/ Wastewater)

**Tuesday,**

**February 21, 2023**

Location:

VRWA

2138 Sycamore Ave  
Buena Vista, VA

Registration Required



*Quality On Tap!*

2138 Sycamore Avenue  
Buena Vista, VA 24416  
Phone: 540-261-7178  
Fax: 540-261-2465

On the web: [www.vrwa.org](http://www.vrwa.org)

**Description:** The class will focus all aspects of pumps including on in-depth pump maintenance, technical definitions, when to use what parts, engineering specs on pump curves, VFD's, soft starts, NEMA ratings. Also includes problem solving for water hammer, line blow-outs, efficiency, and how to apply pump curves.

**PRE-REGISTRATION IS REQUIRED**

**Class size limited to 20**

**Instructor:** Jason Rose, John Wright, John Hubbard  
(Buchanan Pump)

**Class Times:** 9AM—4PM

**Lunch:** Provided by Buchanan Pump

**Cost:** \$100 (VRWA Member)  
\$125 (Non-member)

**To Register:** The preferred method for registration is online at the VRWA website ([www.vrwa.org](http://www.vrwa.org)). If an attendee does not have internet access, he or she may complete the registration form on the back of this page and fax it to the VRWA office at **540-261-2465**. For answers to questions regarding the registration process, please call the VRWA office at **540-261-7178**.

**Registration Deadline: February 14, 2023**

# Pump Operation and Maintenance

## Class Registration Form

Pump Operation & Maintenance—6CPE's— Buena Vista, VA—February 21, 2023

Name (as it appears on your license) \_\_\_\_\_

System/Organization \_\_\_\_\_

Mailing Address \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail Address (required): \_\_\_\_\_

Total Amount Due: \$ \_\_\_\_\_  Check Enclosed  Visa  Master Card

Name (as it appears on your card): \_\_\_\_\_

Credit Card Number: \_\_\_\_\_ Exp. Date: \_\_\_\_/\_\_\_\_

3-digit CSV security code: \_\_\_\_\_ City/State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email Address for Receipt: \_\_\_\_\_

Please make all checks out to VRWA and mail to: VRWA, 2138 Sycamore Avenue, Buena Vista, VA 24416

**Cancellation Policy:** Full refund less \$25.00 administration fee will be given if VRWA is notified at least 10 days prior to date of class. No refunds will be given for cancellations with less than 10 days' notice, substitutions, however, are permitted. In the event that the class is cancelled by VRWA due to low enrollment, a full refund will be issued.

If paying by check please make all checks out to  
Virginia Rural Water Association  
2138 Sycamore Avenue  
Buena Vista, VA 24416  
(540) 261-7178  
(540) 261-2465 fax  
[www.vrwa.org](http://www.vrwa.org)