



# Fundamentals of Pumping

**October 18, 2018**

**Truro, NS**

**COURSE OUTLINE:**

8:30 - Introduction

9:00 - Centrifugal Pump Basics

10:00 - Hydraulic Analysis (Calculating TDH)

11:00 - System Hydraulics

11:30 - Multiple Pump Operation

12:00 - Lunch on your own

1:00 - Net Positive Suction Head (NPSH)

1:30 - Pump Safety

1:45 - Pump Forensics (Troubleshooting)

2:15 - Sustainable Efficiencies

2:30-3:45- Teardown and maintenance of a Centrifugal pump. Maintaining efficiencies.

3:45-4- Questions

**PRESENTER:**

Presented by Jeremy Gillis

Jeremy has over 17 years in the pump industry in Atlantic Canada covering all industries. He came to Gorman Rupp 4 years ago and is appointed as the Regional Manager for Atlantic Canada focusing on Water and Wastewater, Mining, Construction and Industrial for pumping applications. He holds a Mechanical Engineering Technology Diploma from the Cape Breton University formerly known as the University College of Cape Breton.

**CONTACT INFORMATION:**

Registration can be made by faxing or mailing the registration form, or on-line at [www.acwwa.ca](http://www.acwwa.ca). For further information, please contact ACWWA Section office at 902-434-6002.

**COURSE LOCATION:**

Sansom Equipment  
100 Upham Drive Truro, NS



**ATLANTIC CANADA  
WATER & WASTEWATER ASSOCIATION**  
American Water Works Association  
**Atlantic Canada Section**



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**October 18, 2018**

**Truro, NS**

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

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

City, Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

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

ACWWA Membership #: \_\_\_\_\_ WEF Membership #: \_\_\_\_\_

(If no membership number is listed, you will be invoiced as a non-member. See pricing below.)

**Fee for ACWWA or WEF Members & Employees of Utility Members**

Course:  $\$150.00 + \$20.50 \text{ HST (15\%)} = \$172.50$

**Fee for Non – Members**

Course:  $\$175.00 + \$26.25 \text{ HST (15\%)} = \$201.25$

**Payment can be made by visa, master card or cheque. Invoices will be sent to the address listed above.**

**Please send PO number if you want it included on the invoice.** \_\_\_\_\_

Card Holder's  
Name \_\_\_\_\_

Card Number \_\_\_\_\_ Expiry \_\_\_\_\_

Signature \_\_\_\_\_

Cheques should be made payable to

**ACWWA**

PO Box 28142 Dartmouth, NS B2W 6E2

Phone 902-434-6002 Fax 902-435-7796