



Water & Wastewater Fundamentals

April 8-9, 2025

Dieppe, NB

COURSE OBJECTIVES:

This two day workshop is designed for learners to develop a good working knowledge of the fundamental science and math required of all water and wastewater operators. Key concepts are introduced by addressing the language and foundational components of the industry in a step by step process. Operators are prepared for success in the various levels of training required to obtain certification and meet the growing demands of the industry.

WHO SHOULD ATTEND:

This two day workshop is geared to new or prospective water and wastewater operators. Experienced and/or certified operators may also benefit from this workshop if they wish to challenge a higher level or just want to reinforce or enhance their basic knowledge.

OUTLINE:

| Day One | Day Two |
|--|------------------------------------|
| Introductions Housekeeping & Expectations | Formulas |
| A Brief History of Water and Wastewater | Dosage Calculations |
| Terminology and Pesky Acronyms | Problem Solving |
| Coffee | Coffee |
| Environmental Hydrology, What is Water? | Measuring, Monitoring and Metering |
| Water Quality, Sources, Standards and Expectations | Ideal Gas Laws and Reality Checks |
| Water and Wastewater Chemistry | Environmental and Safety Issues |
| Lunch On Your Own | Lunch On Your Own |
| Math Requirements, Units of Measure | Electricity Basics |
| Basic Calculations | Control Basics |
| Coffee | Coffee |
| Metric System vs. Imperial | Overview of Water Treatment |
| Conversions | Overview of Wastewater Treatment |
| Review | Review and Wrap-up |

- Provided:** Workbook and all reference materials.
Please Bring: A good calculator, writing instrument of choice

REGISTRATION INFORMATION:

Registration can be made by faxing or mailing the registration form on the reverse of this page, or on-line at www.acwwa.ca. For further information, please contact ACWWA Section office at 902-434-6002.

COURSE FORMAT:

Every attempt is made to keep the course informal and an enjoyable day-long training experience. Registration starts at 8:00 am, and the instructor will start shortly after 8:30. Wrap-up time is usually around 3:30-4:00pm. Though all workshops are non-smoking, ample breaks are provided for coffee and discussion.

COURSE LOCATION:

Quality Inn
370 Dieppe Blvd
Dieppe, NB

Please print clearly and fax or mail to the address listed on the bottom of this form.

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Dieppe, NB

Name: _____

Organization: _____

Mailing Address: _____

City, Province: _____ Postal Code: _____

Phone: _____ Email: _____

ACWWA Membership No: _____ WEF Membership No: _____

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: \$495.00 + \$74.25 HST (15%) = \$569.25

Fee for Non – Members

Course: \$525.00 + \$78.75 HST (15%) = \$603.75

Fees include coffee breaks.

Invoices will be sent to the address listed above.

PO number to be included on the invoice _____

Payment can be made by Visa, Master Card or cheque.

Card Holder's

Name _____

Credit Card Number _____ Expiry _____ CVV _____

Signature _____

Email address for credit card receipt _____

Cheques should be made payable to:

ACWWA

PO Box 28141 · Dartmouth, NS · B2W 6E2

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