



Developer and Owner – WWOTC

Online Course – Instructor Led

Phosphorous Removal Systems

March 9-10, 2022 (8:30 – 12:30 AST)

Course Objective / Description

What will be covered:

- Looking at sources
- Microbiological principles
- Forms and reactions
- Removal methods (biological and chemical) the luxury uptake processes
- Mainstream processes
- Side stream processes
- Process layouts, advantages and disadvantages
- Biological removal equipment
- Abnormal and emergency operating conditions
- Lime clarification
- Luxury uptake and lime clarification
- Re-carbonation

Description	Contact Hours
Introduction and Overview	0.5
Chemical Phosphorous Removal	1.5
Break	0.25
Biological Phosphorous Removal	1.0
Phosphorous Bacteria	0.75
Lunch	0.50
Phosphorous Process Variations	1.75
Break	0.25
Reverse Osmosis	1.0
Exam	0.5
Total Instruction/Contact Time:	7.0

CEU: 0.7

Phosphorous Removal Systems

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Name: _____

Company: _____

Company Mailing Address _____

City, Province: _____ Postal Code: _____

Phone: _____ 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: \$355.00 + \$53.25 HST (15%) = \$408.25

Fee for Non – Members

Course: \$380.00 + \$57.00 HST (15%) = \$437.00

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 _____

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