



### **Developer and Owner – WWOTC**

#### **Online Course – Instructor Led**

## **Ponds & Lagoons**

March 3-4, 2021 (8:30 - 12:30 AST)

## **Course Objective / Description**

This course has been designed the objective to assist wastewater operators with the operation and maintenance of ponds and lagoons. The participants will gain knowledge in the basic chemistry and microbiology of ponds and lagoons.

#### What will be covered:

- Pond classifications
- How the treatment occurs
- Microbiology of lagoons
- Stormwater Management
- Nitrification
- Algae control and removal

| Lesson   | Description                       | Contact Hours |
|----------|-----------------------------------|---------------|
| Day 1    |                                   |               |
| Lesson 1 | Introduction and Overview         | 0.5           |
| Lesson 2 | Types of Lagoons                  | 1.5           |
|          | Break                             | 0.25          |
| Lesson 3 | Lagoon Microscopy                 | 0.75          |
| Lesson 4 | Biological and Chemical Treatment | 1.0           |
|          | Day 2                             |               |
| Lesson 5 | Influences on Microlife           | 1.0           |
| Lesson 6 | Stormwater Management             | 1.0           |
|          | Break                             | 0.25          |
| Lesson 7 | Safety                            | 1.25          |
|          | Exam                              | 0.5           |

Instructor:

## **Zobia Jawed - Training Specialist**

**CEU: 0.7** 

# **Ponds & Lagoons**

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| Name:   |   |
|---|---|
| Company:  |   |
| Company Mailing Address                               |   |
| City, Province:                                       | Postal Code:  |
| Phone:  | Email:  |
| ACWWA Membership #: If no membership number is listed | WEF Membership #:, you will be invoiced as a non-member. See pricing below.                       |
| Fee for AC  | WWA or WEF Members & Employees of UTILITY Members Course: \$345.00 + \$51.75 HST (15%) = \$396.75 |
|   | <b>Fee for Non – Members</b> Course: \$370.00 + \$55.50 HST (15%) = \$425.50                      |
| Invoices will be sent to the addre                    | ess listed above.   |
| PO number to be included on th                        | e invoice   |
| Payment can be made by Visa, M                        | Aaster Card or cheque.  |
| Card Holder's Name                                    |   |
| Credit Card Number                                    | Expiry  |
| Signature   |   |
| Email address for credit card received                | ipt   |
|   | Cheques should be made payable to:  ACWWA   |
|   | PO Box 28141 · Dartmouth, NS · B2W 6E2<br>Phone 902-434-6002 Fax 902-435-7796                     |