

# WASTEWATER AERATION

## **April 12, 2017**

St. John's, NL

#### **COURSE OJECTIVES AND OVERVIEW:**

The objectives of this course are:

- To familiarize the attendees with aeration systems in wastewater treatment; and
- To discuss issues related to design, operation and maintenance of aeration systems.

### Introduction Orientation & objectives

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8:30 AM to 9:15 AM	Lesson 1 Wastewater overview	
9:15 AM to 10:00 AM	Lesson 2 Aerobic process	
10:00 AM to 10:15 AM	Break	
10:15 AM to 11:00 AM	Lesson 3 Aeration functions	
11:00 AM to 12:00 PM	Lesson 4 Major equipment	
12:00 PM to 1:00 PM	Lunch On your Own	
1:00 PM to 1:45 PM	Lesson 5 Design	
1:45 PM to 2:30 PM	Lesson 6 Nutrient removal	
2:30 PM to 3:00 PM	Lesson 7 Operations	
3:00 PM to 3:15 PM	Break	
3:15 PM to 4:00 PM	Lesson Review Review key points to ensure understanding	
4:00 PM to 4:15 PM	Conclusion Questions/answers	

#### **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. Lunch is 12:00-1:00pm. Wrap-up time is usually around 4:00pm. Though all workshops are non-smoking, ample breaks are provided for coffee and discussion.

#### **COORDINATORS & PRESENTERS:**

**John Lam**, **P.Eng.** is Senior Environmental Engineer with exp Services Inc. John has been involved in wastewater systems for over 30 years, and in that time has designed and/or studied over 80 water and wastewater treatment plants in the region, across Canada and overseas. John has a Class I wastewater treatment plant operator certificate and has operated treatment plants since 2009 including two plants in Bermuda.

#### **CONTACT 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 LOCATION:**

Fairfield Inn & Suites 199 Kenmount Road. St. John's, NL Please print clearly and fax or mail to the address listed on the bottom of this form.

I wish to register for the following course:

Wastewater Aeration	<b>April 12, 2017</b>	St. John's, NL	
Name:			
Organization:			
Mailing Address:			
City, Province:		Postal Code:	
Phone:	Fax:	Email:	
ACWWA Membership #: WEF Membership #: MEF Membership #: 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: \$280.00 + \$42.00 HST (15%) = \$322.00  Fee for Non – Members  Course: \$299.00 + \$44.85 HST (15%) = \$343.85  Fees include coffee breaks.  Lunch is on your own.  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 p	payable to	
	ACWWA		
	Box 28142 Dartmouth, N		
Pho	one 902-434-6002 Fax 90	2-435-7796	