



LIFT STATIONS AND FORCEMANS

November 27, 2018

Halifax, NS

COURSE OBJECTIVES AND OVERVIEW:

The objectives of this course are:

- To familiarize the attendees with lift stations and forcemans in wastewater conveyance; and
- To discuss issues related to design, operation and maintenance of lift stations and forcemans.

Introduction Orientation & objectives

8:30 AM to 9:00 AM	Lesson 1 Wastewater terminology
9:00 AM to 10:00 AM	Lesson 2 Hydraulic concepts
10:00 AM to 10:15 AM	<i>Break</i>
10:15 AM to 11:00 AM	Lesson 3 Types of pumps
11:00 AM to 12:00 PM	Lesson 4 Design factors
12:00 PM to 1:00 PM	<i>Lunch On your Own</i>
1:00 PM to 1:45 PM	Lesson 5 Station configuration
1:45 PM to 2:30 PM	Lesson 6 Odor and corrosion
2:30 PM to 3:00 PM	Lesson 7 Operations
3:00 PM to 3:15 PM	<i>Break</i>
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:

Halifax Water
455 Cowie Hill Rm 102
Halifax, NS

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:

Lift Stations and Forcemains

November 27, 2018

Halifax, 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: \$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 and lunch

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 _____

<p>Cheques should be made payable to ACWWA PO Box 28142 Dartmouth, NS B2W 6E2 Phone 902-434-6002 Fax 902-435-7796</p>
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