



**October 1, 2022**

**Halifax, NS**

## WORKSHOP AGENDA

- Lead Issues – Canadian Guidelines 20 minutes
  
- Factors that cause corrosion 40 minutes
  - Corrosion Adverse Effects
  - Corrosion Definition
  - Corrosion Types
  - Corrosion Properties of D.S. materials
  - Water Chemistry in D.S.
- Methods to reduce corrosion 10 minutes
- History of phosphates 5 minutes
- Selection of Corrosion Inhibitors 45 minutes
  - Phosphate Classes
  - Corrosion Inhibitors
  - Corrosion Control Mechanism
  - Choice of Phosphate
  - Product Selection & Dose
- Case studies 25 minutes
- Monitoring corrosion control success 35 minutes
  - Injection Points
  - Testing for ortho residual
  - Monitoring ortho in D.S.
  - Corrosion Loops
  - Safety – PPE
  - Benefits of phosphates
- Questions 15 – 30 minutes

## PRESENTER: L

I hold a bachelor's degree in science from the University of Mexico City (UNAM) in Chemical Engineering. I have been involved in the treatment of Drinking Water and Wastewater for over 30 years. I have represented Carus, the largest manufacturer of permanganates in the world for over 30 years. I have been involved in the development of corrosion control programs in Atlantic Canada since 1998 and on permanganate applications in drinking water treatment for taste and odor control, iron and manganese oxidation, pre-oxidation replacing pre-chlorination to reduce disinfection-by-products formed during that treatment in Canada, Latin America, and Europe. I have been a member of the AWWA and WEF since 1990. In 1998, I was appointed Managing Director for Canada & Latin America, prior to that I was District Manager in New York and New Jersey and then Regional Manager for West/Southeast USA for Carus.

**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](http://www.acwwa.ca). For further information, please contact ACWWA Section office at 902-434-6002.

**COURSE LOCATION:**

1505 Barrington St Suite 901 Halifax, NS

**Corrosion Control**

**October 1, 2022**

**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:  $\$100 + \$15.00 \text{ HST (15\%)} = \$115.00$

**Fee for Non – Members**

Course:  $\$150.00 + \$22.50 \text{ HST (15\%)} = \$172.50$

Fees include coffee breaks

**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 \_\_\_\_\_

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Cheques should be made payable to  
**ACWWA**  
PO Box 28141 Dartmouth, NS B2W 6E2  
Phone 902-434-6002 Fax 902-435-7796