

September 12, 2014

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WOWMA Onsite  
Wastewater Management  
Association of BC



Western Canada  
Onsite Wastewater  
Management Association

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## Professional Development Opportunities

### Upcoming Training Opportunities

Maintenance Provider - September 26 - 30, 2014 - Courtenay, BC

Site and Soil Evaluation Field Training/Industry Education - October 3 & 4, 2014 - Barriere, BC

Onsite Wastewater Practitioner Level I - October 15, 16 & 17, followed by October 28, 29 & 30, 2014 - Kelowna, BC

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### Maintenance Provider Training Program

Participants in WOWMA-BC's upcoming Maintenance Provider Training Program will be able to garner practical experience as part of the training process.

Following class instruction, participants will visit various sites and perform maintenance inspections on both Type I and Type II systems as well as having the opportunity to rebuild a linear compressor.

WOWMA-BC is pleased to offer Maintenance Provider Training through our partnership with the National Association of Wastewater Technicians, which is recognized across North America. The training has been adapted to comply with the BC SSR and the SPM.

WOWMA-BC has made a full accreditation submission to ASTTBC for formal approval of

WCOWMA-BC training leading to ASTTBC certification. The accreditation process is underway and pending. ASTTBC has agreed to work with WCOWMA-BC to make certain that the planned training will meet ASTTBC requirements.

Registration for this training program is now open. For more information, please go online to <http://www.wcowma-bc.com/training/maintenance-provider-training/> or contact the WCOWMA-BC office at 1.855.872.2645.

***Class size is limited, so if you are interested in this training, please don't delay.***

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## **Professional Development Workshops**

### **Site & Soil Evaluation/Practical Training**

WCOWMA-BC is hosting a two-day continuing education opportunity in Barriere, BC on October 3 & 4. The focus will be on site and soil evaluation with supporting presentations on Flout Technology and on System Piping.

The goal of this two day event is to provide both practical and technical information to the trainees.

**Site & Soil Evaluation** - The site at Barriere offers a unique opportunity to view a variety of soils and their parent materials, while allowing the ability to have trainees participate in presentations in a classroom setting as well. Don't miss the chance to enhance your skill level by attending one or both training days at the Barriere site.

- Understand the general method of how to evaluate soil characteristics that affect water movement
- Basic knowledge of how to examine the soil profile and identify
- Major soil structure features (why it is important is covered in soil/water)
- Colour – mottles and gleyed soils (washed out gray) identified high water table or saturated soils (reason saturated/unsaturated flow in previous module)
- Soil texture, make up of sand/silt/clay, don't count gravel component
- Effect of gravel component
- Where to take sample
- Basic hand texturing procedures

- Trial hand texturing
- Lab testing availability and basic knowledge of lab testing method
- Recognize changes in soil horizons and understand effect on sewage system design.
- Soils logging using various soils logs
- Understand and apply the soil texture triangle.
- Able to determine effluent-loading rate for a soil texture set in Standard of Practice.
- Know what restricting/limiting layers are and able to recognize major characteristic.
- Ability to recognize major soil characteristic and determine soil effluent loading rates or limitations.

### **Flout Technology - Static Head Dosing of Treatment Fields**

What is static head dosing?

Hydraulic principles at work

Performance/Economic/Maintenance benefits

Three static head dosing methods/definitions

Description and operation of hardware

Basic system piping

Air flow, venting and purging

Summary of field testing and data generation

System sizing – predicting performance/sizing transport line/use of support data

Major/minor variables

Review of options for various site topography

Class tutorial

**Piping Considerations for Onsite Wastewater Treatment** - A short presentation will be made on piping considerations for onsite wastewater treatment. It seems simple, however the importance of proper handling, drilling and gluing of the piping component cannot be overlooked.

Registration information for the Barriere Professional Development Workshop is available online at <http://www.wcowma-bc.com/public-field-training> or by calling the association office at 1.877.489.7471 or 1.877.489.7471.

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## **Onsite Wastewater Practitioner Training Level I**

The next training session for the Onsite Wastewater Practitioner Training Level I will take place in Kelowna on October 15, 16 & 17, 2014 followed by October 28, 29 & 30, 2014.

Registration is now open. Register online at [www.wcowma-bc.com/training/](http://www.wcowma-bc.com/training/) or contact the association office at 1.877.489.7471 for more information.

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### **Save the date!**

Convention and Trade Show 2015  
February 12 - 15, 2015  
Abbotsford, BC

Download the Call for Papers at <http://www.wcowma-bc.com/2015-call-for-papers/>

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