



Saskatchewan Onsite Wastewater
Management Association



Western Canada Onsite Wastewater
Management Association

Site & Soils Evaluation Field Day

The SOWMA is hosting a Site & Soils Evaluation Field Day in **Estevan, SK on April 21, 2017**. This practical training day is a great opportunity to get hands-on experience evaluating a site, as well as practicing hand texturing and sampling. Installers who have recently completed the Onsite Wastewater Practitioner Training Program will be able to take their new knowledge and apply it on-site. Experienced designers and installers should also consider this opportunity to continue their education.

The expected outcomes for this training are listed below, and a registration form is attached. You may register for this hands-on training by fax, email, or online at www.sowma.ca. Please contact the SOWMA office 855-872-2650 (TF) with any questions you may have.

Site & Soils Evaluation Workshop Outcomes

The instructor will demonstrate all required outcomes prior to participants demonstrating to the instructor the proper processes for site and soil evaluation.

Use Soil evaluation to identify characteristics that affect sewage systems.

Understand the general method of how to evaluate soil characteristics that affect water movement.

- Excavate soil pit – depth, location (don't ruin site)
- Available tools – soil auger, probe

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
- 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 understanding effect on sewage system design
- Soils logging using various soils logs

Understanding and application of the soil texture triangle

Ability to determine effluent-loading rate for a soil texture.

Know what restricting/limiting layers are and able to recognize major characteristics

Ability to recognize major soil characteristics and determine soil effluent loading rates or limitations

Fax form to: 855-420-6336 or Email to lesley@wcowma.com or michelle@wcowma.com



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Site and Soil Evaluation Field Day Registration Form

Learn more about performing detailed site visits and designing systems for difficult situations and soils.

Where: Estevan, SK
When: April 21, 2017
Time: 9:30 a.m. to 3:00 p.m.
Weather: Training will take place regardless of weather

Member Fees: \$250.00 Registration
 \$12.50 GST
 \$262.50 TOTAL

Non-Member Fees: \$350.00 Registration
 \$17.50 GST
 \$367.50 TOTAL

Name of Registrant: _____

Company Name: _____

Address: _____

City: _____ Province: _____ Postal Code: _____

Phone: _____ Fax: _____

Cell: _____ Email: _____

Payment Method: VISA
 Mastercard
 Cheque

Please mail cheques to:
 SOWMA
 449 Haviland Cres,
 Saskatoon, SK S7L 5B3

Card Number: _____ Expiry: _____ CVC: _____

Cardholder Name: _____

Signature: _____

Spaces are reserved when fees are received. Cancellations will be accepted up to 7 days prior to start date, with a 10% administration fee deducted from refund. No refunds will be made for cancellations with less than 7 days notice, however, a substitute person may be sent under your paid registration.

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