



**Saskatchewan Onsite Wastewater
Management Association**

Site & Soils Evaluation Field Day

The SOWMA is hosting a Site & Soils Evaluation Field Day in the Asquith (Saskatoon) Region, Saskatchewan on Friday, September 20th, 2024. 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 email to adrienne@sowma.ca.

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.

Outcomes:

- 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 the soil pit – depth, location (don't ruin site). 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

Please contact the SOWMA office with any questions you may have at 306-988-2102 or toll free at 1-855-872-2650 or email Adrienne at adrienne@sowma.ca



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Site and Soil Evaluation Field Day Registration Form

Learn more about performing detailed site visits required for designing onsite wastewater systems.

Where: Asquith Region, Saskatchewan

When: Friday, September 20th, 2024

Time: 9:00 am to 4:00 pm Weather: Training will take place regardless of weather

Table with 3 columns: SOWMA Member Rate, Non-Member Rate, Practitioner Training Student. Includes registration fees, GST, and total amounts.

Name:

Company Name:

Address:

City:

Province:

Postal Code:

Phone:

Fax:

Cell:

Email:

Payment Method section with checkboxes for Visa/Mastercard, E-Transfer, and Cheques. Includes fields for Card Number, Expiry, CVV, and a Signature line.



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We look forward to seeing you out in the field!

Spaces are reserved when fees are received. Cancellations will be accepted up to 7 days prior to start date, with a 25% 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.