



## Site & Soils Evaluation Field Day

WOWMA-BC is hosting a Site & Soils Evaluation Field Day on Denman Island on **Thursday, April 17, 2025**. Gain experience evaluating a site, hand texture soils, take soil samples, determine structure and consistence, and ultimately discuss potential onsite wastewater systems for the site based on the findings.

This workshop will allow those who have recently taken the classroom portion of the Onsite Wastewater Practitioner Training Program to complete their training program requirements.

Experienced Designers/Installers can enhance their skills and gain structured learning professional development points.

The expected outcomes for this training are listed below, and a registration form is attached. You may register for this hands-on training online, or by email to [training@wcowma-bc.com](mailto:training@wcowma-bc.com).

## 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 onsite wastewater 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)
- Available tools – soil auger, probe, permeameters

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)
- 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 onsite wastewater 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, structure, and consistence set
- 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 WOWMA-BC office with any questions you may have at 604-424-4462 or toll free at 1-855-872-2645 or email [training@wcowma-bc.com](mailto:training@wcowma-bc.com).

We look forward to seeing you out in the field.

## Site and Soil Evaluation Field Day Registration Form

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

**Where:** Denman Island, BC  
**When:** Thursday, April 17, 2025  
**Time:** 8:30 a.m. to 4:30 p.m.

**Weather:** Training will take place regardless of weather

<b>WCOWMA-BC</b> <input type="checkbox"/> <b>Member Rate:</b> <b>Registration:</b> \$400.00 <b>GST:</b> \$ <u>20.00</u> <b>Total:</b> \$420.00	<b>Non-Member:</b> <input type="checkbox"/> <b>Registration</b> \$500.00 <b>GST:</b> <u>\$ 25.00</u> <b>Total:</b> \$525.00	<b>Certification Student:</b> <input type="checkbox"/> <b>Class Reference (Date and province):</b> <b>Prepaid</b> <hr/>
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**Name:**

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**Company Name:**

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**Address:**

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**City:**

**Province:**

**Postal Code:**

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**Phone:**

**Fax:**

**Cell:**

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**Email:**

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<b>Payment Method:</b> <input type="checkbox"/> VISA/Mastercard <input type="checkbox"/> Cheque <input type="checkbox"/> E-Transfer to: <a href="mailto:accounting@wcowma-bc.com">accounting@wcowma-bc.com</a>	<b>Mail Cheques to:</b> <b>WCOWMA-BC</b> <b>Box 36086</b> <b>Victoria, BC V9A 7J5</b>	
<b>Card Number:</b>	<b>Expiry:</b>	<b>3 digit CVV:</b> (on back of card)
<b>Signature:</b>		

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. **Email to [training@wcowma-bc.com](mailto:training@wcowma-bc.com) or Fax form to: 1-855-420-6330**