



July 17, 2014

Site & Soil Evaluation Training Day

The AOWMA is hosting a Site & Soils Evaluation Field Day in Nightingale, AB on July 30, 2014. 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.aowma.com. Please contact the AOWMA office 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 set in the Alberta Standard of Practice 2009

- 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

Register online or fax your registration to 780.486.7414. A registration form is attached to this email.

CSA B128.3 Water Reuse Standard

The AOWMA continues to work with the Edmonton Waste Management Centre of Excellence on a project designed to test the efficiency of the CSA B128.3 Standard for Water Reuse. The paper audit is now complete and the test pad is being constructed in anticipation of the site audit on September 15. Products that meet the CSA B128.3 Standard will be used to treat and disperse wastewater for reuse. Once the test pad is complete the AOWMA will be seeking units to be tested to the Standard to use as case studies for the audit process.

Sponsors have been sought from industry to help support this project. The AOWMA would like to thank the following sponsors:

- Anderson Pumphouse
- EMCO Waterworks
- Alberta Wilbert Sales
- Norman H. Collin & Associates
- Arndt Pump & Motor
- Stowell Enterprises
- Pembina Concrete
- RH2O
- Tanks-a-lot Ltd.

Sponsorship Opportunities Are Still Available

AOWMA member suppliers and manufacturers wishing to help sponsor this national initiative, should contact the AOWMA office at 877.489.7471 or email lesley@aowma.com.

What's the benefit of sponsorship?

The CSA B128.3 Water Reuse Standard is a national safety standard. Edmonton was deliberately chosen as the location for this testing facility due to its climatic conditions, providing hot dry summers and cold dry winters. Currently there are no testing facilities in North America providing testing to this standard, providing a unique opportunity for sponsors to help pioneer this protocol.

Upcoming Training Events

Onsite Wastewater Training Program Level I Edmonton

- Days 1—3 September 10, 11 & 12, 2014
- Days 4—6 September 24, 25 & 26, 2014

Site & Soils Evaluation—Nightingale, AB (53 km from Calgary)

July 30, 2014—registration form attached.

Save the Date!

**Convention & Trade Show 2015
Edmonton, AB
March 5—8, 2015**