

Alberta Tier 2 Training Workshop

Millennium EMS Solutions Ltd

Edmonton

November 25-26, 2014

Calgary

December 3-4, 2014

Tier 2 Training Workshop

Advanced Skills

This workshop, taught by co-authors of the Alberta Tier 2 Soil and Groundwater Remediation Guidelines, offers guidance and practice in the calculation and application of Tier 2 guidelines. The training provides opportunities for identification and discussion of technical and process issues related to Tier 2, data evaluation and hands-on modelling of Tier 2 guidelines. Participants are assumed to have a working knowledge of the Tier 1 & 2 guidelines.

The material covered in the workshop comprises: an overview of the Tier 1 & 2 guidelines; presentation of the technical methodology, process and regulatory requirements for Tier 2 guideline adjustment; discussion of data requirements for Tier 2 and how to ensure data are appropriately collected; demonstration of Tier 2 modelling methods for groundwater transport and vapour intrusion; and hands-on practice in Tier 2 guideline calculation and implementation using actual contaminated site case studies.

A CD will be provided containing case study files and appropriate modelling tools. Participants are required to provide their own laptops loaded with Microsoft Excel or a compatible spreadsheet program.

Edmonton, AB

November 25-26, 2014

*Grant MacEwan
University (City Centre)**

Calgary, AB

December 3-4, 2014

*SAIT (Southern Alberta
Institute of Technology)**

Cost: \$950 + GST

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Course Outline

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Day One

- 8:30 – Introduction. Tier 1 Overview
- 10:00 – Break
- 10:30 – Overview of Tier 2, pathway elimination, data requirements.
- 12:00 – Lunch (not provided)
- 1:00 – Case Study 1 – Pathway elimination
- 2:00 – Tier 2 Guideline Modification Overview – Groundwater pathways
- 2:30 – Break
- 2:45 – Case Study 2 – Tier 2 Guideline calculations for groundwater pathways
- 4:30 – Finish

Day Two

- 8:30 – Tier 2 Guideline Modification Overview – Vapour Inhalation
- 10:00 – Break
- 10:30 – Case Study 3 – Tier 2 Guideline calculations for vapour inhalation
- 12:00 – Lunch (not provided)
- 1:00 – Remediation Certificates
- 1:30 – Case Study 4 – Complex Site
- 2:15 – Overview of Site-specific Risk Assessment (SSRA)/Exposure Control
- 3:00 – Finish

Registration Form – Alberta Tier 2 Training Workshop

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Enrollment is limited and will be handled on a first-come-first-served basis. Millennium EMS Solutions Ltd. reserves the right to cancel the course (with a full refund) if there is insufficient registration numbers.

Please complete this form and send by fax (403-283-2647 attn. Ian Mitchell) or email (courses@mems.ca).

Course Location/Date: Edmonton, AB; Nov 25-26, 2014 Calgary, AB; Dec 3-4, 2014

Registrant Name: _____ Date: _____

Company: _____ Address: _____

City: _____ Province: _____ Postal Code: _____

Phone: _____ Email: _____

Payment Information

Registration Fee: \$ 950.00

GST: \$ 47.50

Total: \$ 997.50

Payment is accepted by credit card (Visa or MasterCard) or by cheque payable to Millennium EMS Solutions Ltd. (email or phone to confirm space before sending cheque). Please select your preferred payment method below and you will be contacted to arrange payment.

Credit card (VISA, Mastercard, American Express)

Cheque

Other (specify): _____

Cancellations are accepted up to 7 days prior to the workshop with a \$50 cancellation fee. Cancellations less than 7 business days prior to the workshop will be subject to a 50% cancellation fee. Substitutions of registrants may be made with no additional cost at any time prior to the workshop.
