

GeoEnviroLogic Professional Development
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**Update on Revisions to the
Contaminated Sites Regulatory Regime in BC**

**November 29, 2007 at UBC Robson Square
Vancouver BC**

**GeoEnviroLogic Professional Development
Technical Seminars in environmental science and
contaminated site investigation, remediation and risk
assessment**

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Update on Revisions to the Contaminated Sites Regulatory Regime in BC

**November 29, 2007 from 8:00 am to 4:30 pm at UBC
Robson Square, Vancouver, BC**

SEMINAR SYNOPSIS

Today's seminar focuses on recently implemented changes and additional imminent and longer-term revisions. Presentations on specific changes will feature examples to highlight implications for site owners, practitioners and approved professionals. Members of the Contaminated Sites Roster of Approved Professionals and the Science Advisory Board, and staff from the BC Ministry of Environment (MOE) and Health Canada (HC) will give presentations on specific topics and participate in panel discussions.

LEARNING OBJECTIVE

To develop a detailed understanding of CSR updates and revisions presented in documents released by MOE and familiarity with anticipated future changes.

CONTEXT

MOE has been directed to place increased focus on high-risk sites and to provide environmental quality criteria and guidance to help environmental professionals deal with other sites. How will this affect the use of risk assessment at contaminated sites in BC? What are some of the difficult technical issues we are facing in risk assessment, and what is current practice?

SEMINAR OUTLINE

Part 1 - Introduction and Overview:

- Implications for Contaminated Site Practice, Roster Submissions, Oil and Gas Initiatives (R. Zapf-Gilje)

Part 2 – Soil Vapour:

- Interim Guidance for Soil Vapour (C. Condon)
- Director's Interim Air Concentration Criteria (G. Fox)
- Tech Guidance 4: Soil Vapour Investigation (I. Hers)

Part 3 – Risk Assessment:

- Risk Assessment Checklists (S. Petrovic)
- Protocol 13 Screening Level Risk Assessment (G. Szefer)
- Supplemental Guidance for Risk Assessments:
- ERA (Beth Power): TG7, DERA
- HHRA (Ross Wilson): TG7, SSRA and PQRA

Part 4 – Update on standards, procedures, guidance:

- Groundwater Guidance (G. Patrick)
- Update on CSST Protocol (D. Bright)
- Update on Wild Lands Standards (B. Power)
- Salt and Barium (G. Fox)

Part 5 – Questions and Answers (S. Reimer)

PRESENTERS, in presentation order

- ✓ **Reidar Zapf-Gilje**, PhD, PEng, Approved Professional, Chair – Roster Steering Committee, Adjunct Professor – UBC, RZG Consulting
- ✓ **Colm Condon**, MSc, Ministry of Environment
- ✓ **Glyn Fox**, PhD, RPBio, Director – SAB, Ministry of Environment
- ✓ **Ian Hers**, PhD, PEng, Approved Professional, Director - SAB, Golder Associates
- ✓ **Sanya Petrovic**, MSc, Director – SAB, Health Canada (presentation not included in manual)
- ✓ **George Szefer**, PEng, Ministry of Environment
- ✓ **Beth Power**, MSc, RPBio, Approved Professional, Azimuth Consulting Group Inc
- ✓ **Ross Wilson**, MSc, RPBio, Approved Professional, Wilson Scientific
- ✓ **Guy Patrick**, PEng, Approved Professional, Member – Roster Steering Committee, Golder Associates
- ✓ **Doug Bright**, MSc, RPBio, Approved Professional, Member - Roster Steering Committee, Royal Roads University, UMA/AECOM
- ✓ **Sam Reimer**, MSc, PAg, Approved Professional, Member - Roster Steering Committee, SEACOR Environmental

MANUAL TABLE OF CONTENTS

This manual is organized by presenter as listed above. The first slide of each presentation contains active links to key documents discussed in the presentation. Remember to pay close attention to whether documents are approved for use.