



Science Advisory Board for Contaminated Sites in British Columbia

Department of Chemistry, University of Victoria
PO Box 3065, STN CSC, Victoria, BC, V8W 3V6
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The Seventh Annual SABCS Conference on Contaminated Sites

Thursday, September 28, 2017
Segal Building, 500 Granville Street
Rooms 1200 – 1500 (all sessions)

07:45 – 08:20 Registration and Breakfast

08:20 – 08:25 Opening Remarks
Zahra Pirani (SABCS)

08:30 – 10:05 Plenary 1 Site Remediation

08:30 – 08:50 A Multi-Site Performance Review of Slow Release Electron Donor and Bioaugmentation Co-Application Strategy
Ashley Cedzo, Regenesis

08:55 – 09:15 Human Health and Ecological Risk Assessment of Various Reclaimed Substrate Materials and Landform Types and Oil Sands Facilities
Audrey Wagenaar, Golder Associates

09:20 – 09:40 The Use of Bio-Electrochemical Systems for Contaminant Remediation
Constanza Nicolau, University of British Columbia

09:45 – 10:05 Evaluating Contaminated Site Clean-Up Using Chemical and Biological Markers
Mahyar Sakari, AGAT Laboratories

10:05 – 10:20 Refreshment Break and Networking

10:20 – 11:30 Plenary 2: Site Management and Regulatory Considerations

10:20 – 10:40 Federal Contaminated Sites Action Plan Guide to LNAPL Site Management
Kenneth Law, Environment Canada

10:45 – 11:05 Application of Biomarkers in Differentiating Various Petroleum Types in Contaminated Sites
Mahyar Sakari, AGAT Laboratories

11:10 – 11:30 If Historic Marine Pollution Ceases, Will The Natural Intertidal Community Return? How Exposure To and Release From Pollution Disturbance Shapes Rocky Intertidal Communities in BC
Shannon Bard, Hemmera and University of Victoria

11:30 – 12:30 Buffet Lunch and Networking

12:30 – 13:40 Plenary 3: Analytical Methods, Sampling Practices and Requirements

12:30 – 12:50 Best Practices for Filtration of Dissolved Metals
Tim Crowther and Mark Hugdahl, ALS

12:55 – 13:15 Quantitative Applications of Soil Mineralogy Analysis
Jake Gossen, Hemmera



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13:20 – 13:40 Measurement Uncertainty in Laboratory Test Results: Understanding What Your Results Really Mean...

Terry Obal, Maxxam Analytics

13:40 – 14:00 Debunking the Myths of Sampling Requirements for PFAS

Tim Crowther, ALS

14:00-15:15 Plenary 4: Site Investigation and Management

14:05 – 14:25 A Unique Approach to Excavating Limited Access Areas

Tadd Berger, Pinchin West

14:30 – 14:50 Vertical Hydrocarbon Profiling: A Useful Tool in Evaluating Contaminated Land

Mahyar Sakari, AGAT Laboratories

14:55 – 15:15 Control of Off-Site Migration in Low Permeability Soil with an Eductor System

Francis Galbraith, SNC Lavalin

15:15 – 15:25 Refreshment Break and Networking

15:25 – 16:35 Plenary 5: Risk Assessment and Evaluation
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15:25 – 15:45 Desktop Remediation™, Site Specific Risk Evaluation

Daniel Gorsic, SynergyAspen

15:50 – 16:10 Application of Risk Assessment During Spill Response

Adele Houston, Oakridge Environmental Engineering

16:15 – 16:35 Health Emergency Management: Environmental Health Risk Assessment

Goran Krstic, PhD, and Arnold Fok, CPHI(C), Fraser Health Authority

16:40 – 16:50 Closing Remarks and Conference Adjournment

Paul West (SABCS)