

Program

October 15, 2008				
7:45 - 12:30	Federal Contaminated Sites - Innovative Remediation Solutions Workshop - General Session, Cascade Ballroom			
	<p>This workshop will provide a forum for interaction between the Canadian remediation industry (particularly vendors of innovative technologies) and representatives of federal departments where contaminated sites are located. In addition, the workshop will serve to heighten awareness of the capabilities of the Canadian remediation industry and of the needs of the federal custodians of contaminated sites.</p> <p>RemTech Registration Fee includes access to this workshop.</p>			
	<p>7:45 - 8:15 Registration and Networking</p> <p>8:15 - 9:05 Welcome and Workshop Overview</p> <p>Overview of the Federal Contaminated Sites Program</p> <p>Synopsis of Federal Contaminated Sites Issues</p> <p>9:10 - 12:30 Technical Presentations</p>			
12:30 - 1:00	Networking Lunch, Cascade Ballroom			
1:00 - 5:00	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Federal Contaminated Sites - Innovative Remediation Solutions Workshop (continued)</p> <p>Cascade Ballroom</p> </td> <td style="vertical-align: top;"> <p>Technology Funding Options Workshop, New Brunswick Room</p> <p>Presentations by:</p> <p>Alberta Advanced Education and Technology</p> <p>Alberta Finance and Enterprise</p> <p>Alberta Ingenuity Fund</p> <p>CETAC-WEST</p> <p>RemTech Registration Fee includes access to this workshop.</p> </td> <td style="vertical-align: top;"> <p>Canada Revenue Agency - SR&ED Tax Credit</p> <p>Industry Canada</p> <p>NRC-IRAP</p> <p>SDTC</p> </td> </tr> </table>	<p>Federal Contaminated Sites - Innovative Remediation Solutions Workshop (continued)</p> <p>Cascade Ballroom</p>	<p>Technology Funding Options Workshop, New Brunswick Room</p> <p>Presentations by:</p> <p>Alberta Advanced Education and Technology</p> <p>Alberta Finance and Enterprise</p> <p>Alberta Ingenuity Fund</p> <p>CETAC-WEST</p> <p>RemTech Registration Fee includes access to this workshop.</p>	<p>Canada Revenue Agency - SR&ED Tax Credit</p> <p>Industry Canada</p> <p>NRC-IRAP</p> <p>SDTC</p>
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1:00 - 4:00	<p>Environmental Chemistry Made Easy A New Perspective on Water, Contaminant Solubility and Sorption, and Introduction to Surfactants in Remediation, Allberta Room</p> <p>George (Bud) Ivey, Ivey International Inc.</p>			
5:00 - 9:30	<p>RemTech 2008 Opening Reception and Casino</p> <p>"RemTech Royale 008"</p> <p>The welcoming reception is an excellent networking opportunity for all exhibitors, sponsors and delegates. Experience great food and a charity fun money casino. The casino night is made possible by the generous support of IW Kuhn Environmental and the Cement Association of Canada.</p> <p>Experience the ice bars with special martinis in honour of 2 special Bond Girls.</p> <p>Attire: Dust off your best James Bond attire. (Formal Optional)</p> <p>All delegates attending the reception will receive \$10,000 in fun money - additional money is available for a small donation to the Ilsa Mae Research Fund. At the end of the evening the fun money can be turned in for draw tickets for various prizes.</p> <p>Sponsored by: the Cement Association of Canada and IW Kuhn Environmental</p> <p>Casino Opens at 6 PM and Closes at 9 PM</p>			
	 <p>Grand Prize:</p> <p>\$2,500 Fun Sun Vacation Gift Certificate</p> <p>Other Prizes:</p> <p>RemTech 2009 Delegate Pass</p> <p>WaterTech 2009 Delegate Pass</p> <p>ESAA Golf Tournament Foursome</p> <p>\$500 Fairmont Gift Card</p> <p>James Bond Complete DVD Collection and Martini Set</p> <p>Sony PSP - God of War Edition</p> <p>In addition, a silent auction will be held with a number of great items up for auction. All proceeds will be donated to the Ilsa Mae Research Fund, the Environmental Artworks Foundation and the Calgary Zoo Conservation Fund. Item details to follow.</p>			
9:45 & 10:15	<p>Buses to Downtown</p> <p>Sponsored by Bodycote Testing Group</p>			



October 16, 2008

7:00 - 8:15	Registration / Networking Breakfast, President's Hall and Van Horne Ballroom A, B, C, Upper Level			
8:15 - 8:30	Opening Remarks and Welcome , Van Horne Ballroom A Emcee: Mr. Fred Keating Opening Remarks and Welcome: Mr. Craig Robertson, Wiebe Environmental Services, ESAA President Hon. Iris Evans, Minister, Alberta Finance and Enterprise			
8:30 - 9:30	Opening Plenary Session , Van Horne Ballroom A "Give Me Refuge: From the 'Most Contaminated Square Mile on Earth' to the Premier Rocky Mountain Arsenal National Wildlife Refuge" Laura Williams, Remedial Project Manager, U.S. EPA Region 8			
9:30 - 10:00	Networking Break, Exhibit Area- Van Horne Ballroom C and President's Hall			
	Bioremediation Beatty	Military Sites and Gun Ranges Coleman	Technology from the Netherlands — Update Shaughnessy	Sydney Tar Ponds Update and FCMs Green Municipal Fund Theatre
10:00 - 10:30	Remediation of LNAPL Contaminated Fractured Bedrock Using a Bioreactor Study in Southern Alberta (Abstract 33) Jennifer Arnold, Stantec	Remediation Technologies - A New Challenge and New Opportunities (Abstract 35) Jonathon Preston. DND UXO and Legacy Sites Program National Defence	Initial Steps Towards a Close Co-operation Between Canada and The Netherlands in Soil and Groundwater Remediation Issues (Abstract 19) Hans van Duijne, Deltares-TNO	Sydney Tar Ponds and Coke Ovens Cleanup - Project Overview (Abstract 44) Roger Larkin, Sydney Tar Ponds Agency
	5 Minute Transition			
10:35 - 11:05	Enhanced Bioremediation Field Experience: Using Observed Half Lives in Design and Prediction (Abstract 12) Joanna Moreno, Adventus Group	Remediation of a Former Canadian Forces Base in Chatham, New Brunswick (Abstract 32) Guy Lavoie, Biogenie	Advanced In Situ Remediation Technologies in The Netherlands: An Overview Based on Actual Projects (Abstract 2) Yvo Veenis, Groundwater Technology BV	Solidification/Stabilization of Sydney Tar Ponds (Abstract 43) Bruce Noble, Earth Tech AECOM
	5 Minute Transition			
11:10 - 11:40	Design of Bioaugmented Biobarriers for Remediation of a TCE Plume (Abstract 9) Carol E. Aziz, Geosyntec Consultants, Inc	Case Study - Innovative Methods Used to Investigate and Remediate Lead Contaminated Soil at the Strathcona Shooting Range, Edmonton, AB (Abstract 6) Don Roy, Earth Tech Canada	Environmental Dredging Equipment (Abstract 13) David Tenwolde, Damen Dredging Equipment	FCM Green Municipal Fund Brownfield call for application (Abstract 16) Jas Michalski, Federation of Canadian Municipalities
	5 Minute Transition			
11:45 - 12:15	Coupled ISCO-Bio via Activated Persulfate and Timed Oxygen Release using a Sodium persulfate/ calcium peroxide matrix (Abstract 8) Frank Sessa, FMC Peroxygens	CAM-F Intermediate DEW Line Site Clean-up Sarcpa Lake, Nunavut (Abstract 4) Matthew McElwaine, PWGSC - Northern Contaminated Sites	Optimizing In-Situ Chemical Oxidation of Residual DNAPL: Geochemical Controls and Sediment Oxidant Demand (Abstract 27) Niels Hartog, Deltares-TNO	
12:15 - 2:15	Keynote Luncheon , Van Horne Ballroom A "To the Top of Everest", Laurie Skreslet, FIRST CANADIAN EVER to reach the summit of Mount Everest Sponsored by Regenesys Charity Silent Auction re-opens			
2:15 - 2:40	Networking Break Exhibit Area, Van Horne Ballroom C and President's Hall			

	In-Situ 1 Beatty	Phytoremediation and Natural Attenuation Coleman	Solidification/Stabilization Shaughnessy	Vapour Management Theatre
2:40 - 3:10	The Theory Behind the Art Technology Scusses in Treating Petroleum & Chlorinated Compounds, MTBE and 1,4 Dioxane (Abstract 45) Marco Odah Accelerated Remediation Technologies Inc	Successful field and laboratory tests of advanced phytoremediation systems for decontamination of petroleum and salt impacted soils (Abstract 41) Bruce M. Greenberg, University of Waterloo	Two Projects, One City, One Solution: S/S (Abstract 48) Paul Lear Shaw Environmental and Infrastructure	Vapor Barriers: Chemical Compatibility, Testing, and Advancements in Materials Science (Abstract 52) Todd Herrington, Regenesis
5 Minute Transition				
3:15 - 3:45	Rethinking the "Interim Measure" Strategy for LNAPL Remediation Projects (Abstract 37) Matthew Rousseau Conestoga-Rovers & Associates	Phytoremediation as an On Site Ex Situ Remediation Option (Abstract 29) Gary Millard, Shell Canada Products	Site Remediation and Hazardous Waste Management With Presumptive Remedies Under BC Regulatory Provisions Using Cement-Based Solidification / Stabilization (Abstract 38) John H. Wiens, SLR Consulting (Canada) Ltd.	Case Studies: Use of Alternate Vapour Flow Media for Vapour Management Systems for New Building Construction (Abstract 5) Randy Pennell, AMEC Earth & Environmental
5 Minute Transition				
3:50 - 4:20	To Be or Not to Be a DUA? A Critical Review of Procedures Used to Identify Domestic Use Aquifers (Abstract 46) Tai T. Wong, O'Connor Associates Environmental Inc.	Numerical Assessment of Monitored Natural Attenuation Using Source Depletion as a Variable Loading Factor (Abstract 25) Bonnie Derksen EBA Engineering Consultants Ltd.	Removing Hydrocarbons from Soil More Cost Effectively than Other Conventional Thermal Technologies is now Further Enhanced When You can Create Viable Recycling Alternatives (Abstract 36) Chris Harper, CHH Consulting	Design of Below Sub-slab Vapour Management System For a Commercial Building (Abstract 10) Charito Canero, Golder Associates Ltd.
4:20 - 6:00	<p>Environmental Artworks Foundation of Alberta Reception, Chicken Chucking and Silent Auction Van Horne Ballroom A-C and President's Hall</p> <p>An opportunity to view photographs from Grade 4-12 students across Alberta. Enjoy wine, beer, great food and the music of Terry Jordan and Orest Warchola.</p> <p>Open to all Sponsors, Delegates and Exhibitors</p> <p>Sponsored by JSK Consulting Ltd. PROECO Corporation The Recycle Systems Company</p> <p>Charity Silent Auction Closes</p>	<p>New for 2008 - "Pluck a Duck" - The duck pond Game</p>  <p>At the reception, purchase one duck for \$5 or three for \$10. You will pick a duck out of a barrel. The specially numbered duck will indicate how many draw tickets you will receive for the following prizes:</p> <ul style="list-style-type: none"> • \$500 in Husky Gift Certificates • iPod Touch (16 GB) • \$250 Best Buy Gift Card • \$200 Home Depot Gift Card • Calgary Zoo Sleepover for 4 • \$100 Starbucks Card • Planet Earth DVD series <p>Note: All RemTech delegates will get one draw ticket for attending the reception and stopping by the Duck Pond.</p> 	<p>New for 2008 - "Plinko"</p> <p>You have seen the game on "The Price is Right" now play it at RemTech. Visit the PROECO Corporation booth in the tradeshow and try your luck. You will also be able to try your luck during the Artworks reception on Thursday. \$2 per try or 3 for \$5. The numbered slot that your chip lands in will equal number of draw tickets you will received.</p> <p>50% of the proceeds raised will be donated to Artworks and 50% will go to one lucky player. In addition, Brian Winters and PROECO Corporation have also donated \$1,000 to be split between the charity and the winner.</p> 	

October 17, 2008

7:30 - 8:30	Networking Breakfast Exhibit Area- Van Horne Ballroom C and President's Hall			
	In-Situ 2 Beatty	Extraction Coleman	Unique Situations Shaughnessy	Alberta Environment Updates Theatre
8:30 - 9:00	In Situ Chemical Oxidation of Gasoline Compounds Using Persulfate (Abstract 21) Kammy Sra, University of Waterloo	Chemical Recovery via Vapor Condensation (A "Green Remediation" Approach): The Next Generation Soil Vapor Extraction Off-Gas Treatment Technology (Abstract 7) Lowell Kessel, G.E.O. Inc.	Ex Situ Chemical Oxidation in Canadian Winter Conditions (Abstract 15) Dennis Owens, Oxy Teknologies Inc.	Update on Alberta Environment's Remediation and Reclamation Initiatives (Abstract 50) Darlene Howat, Alberta Environment
	5 Minute Transition			
9:05 - 9:35	LNAPL Remediation via Horizontal Biosparging Wells Facilitates Property Redevelopment (Abstract 22) Derek W. Tomlinson, ERM	Remediation of Perfluorinated Alkyl Compounds at a Former Fire Fighting Training Area (Abstract 34) Lindsay Paterson, SLR Consulting (Canada) Ltd.	A Cooperative Approach to the Management and Remediation of a Former Oil Refinery Site on the Banks of the Bow River (Abstract 1) Trent Parks, The City of Calgary	Draft Alberta Environmental Site Assessment Guidelines (Abstract 11) Norman Sawatsky, Alberta Environment
	5 Minute Transition			
9:40 - 10:10	Tracer Testing Techniques to Support Design and Operation of In Situ Remediation Systems (Abstract 47) Craig E. Divine, ARCADIS U.S., Inc.	Off-Gas Treatment Carbon Footprint Calculator: Form and Function (Abstract 26) Lowell Kessel, G.E.O. Inc.	Remediation in and Under Buildings (Abstract 31) David Isopo, Quantum Remediation	An Update on Alberta Environment's 2008 Draft Soil Monitoring Directive (Abstract 49) Chi Chen, Alberta Environment
10:10 - 10:40	Networking Break Exhibit Area Van Horne Ballroom C and President's Hall			
	In-Situ 3 Beatty	RemTech Joker's Wild Coleman	Frameworks & Tools Shaughnessy	Investigations Theatre
10:40 - 11:10	Pilot Test of In Situ Chemical Oxidation Technologies Leads to Improved Understanding of Immediate and Midterm Geochemical Response and Contaminant Destruction Within Petroleum Hydrocarbon Plume (Abstract 30) James E. Studer, ChemRem International LLC	Surfactant Enhanced Bioremediation of F3 and F4 Contaminated Soils (Abstract 42) George A. Ivey, Ivey International Inc.	Making Use of the New Alberta Tier 2 Guideline Framework in Remediation Planning (Abstract 23) Miles Tindal, Axiom Environmental Inc.	Environmental Forensic Principles for Source Allocation of Polycyclic Aromatic Hydrocarbons (Abstract 14) Gwen O'Sullivan, TRIUM Environmental Solutions Inc.
	5 Minute Transition			
11:15 - 11:45	In-Situ Chemical Oxidation (ISCO) of Petroleum Hydrocarbons at a Former Gas Bar (Abstract 20) Lisa Tomlinson, SLR Consulting (Canada) Ltd.	Geochemical Conceptual Site Models Validated by Speciation Data to Support In Situ Treatment Strategies for Metals (Abstract 17) Miranda Logan, ARCADIS U.S., Inc.	n-Hexane, Why is a Separate Guideline Being Developed for this Substance and Why is it Being Considered for Oil and Gas Impacted Sites? (Abstract 24) Anthony Knafla, Equilibrium Environmental Inc.	The Use of DNA Technologies in Determining the Biotreatability of Chlorinated Aliphatic Hydrocarbons (Abstract 51) Annemarie Douglas HydroQual Laboratories Ltd.
	5 Minute Transition			
11:50 - 12:20	Soil Spatial Variability Implications for In Situ Chemical Oxidation and Reduction Remediation Programs (Abstract 40) Bruce Tunnicliffe Vertex Environmental Solutions Inc.	Performance Comparison of Aerobic and Anaerobic In-situ Treatment Approaches (Abstract 28) Kim Heinze, Arcadis U.S., Inc.	How to "Unlock" Value to Remediate and Redevelop Gasoline Stations (Abstract 18) Tammy Lomas-Jylha, OCETA	Assessment and Remediation of a Historical Pipeline Release: Tools, Techniques and Technologies applied to In-situ/Ex-situ Soil and Groundwater Remediation (Abstract 3) Neil Reid, EBA Engineering Consultants Ltd.
12:20 - 2:30	Keynote Luncheon, Door Prizes and Closing Remarks Van Horne Ballroom A			
	Special Presentation Jennifer Scrubb, Executive Director, Western Canada, Muscular Dystrophy Canada		"That Old Cat and Dog Thing" Brian Keating, Calgary Zoo, Head of Conservation Outreach	
	Annoucement of Charity Fundraising, Presentation of Door Prizes and Exhibitor Give-aways. Sponsored by Regensis			