

SWANA NORTHWEST REGIONAL SYMPOSIUM 2016. PRELIMINARY AGENDA

The Nuts & Bolts of Solid Waste: A New Tool Kit
April 6-8, 2016 . Pinnacle at the Pier, North Vancouver, BC

WEDNESDAY, APRIL 6	
8:00AM – 8:00 PM	Registration - Foyer of Pinnacle Room
8:30AM – 12:15 PM	<p>Safety Matters</p> <p>This workshop is a first of its kind in BC and will include a variety of speakers focusing on safety issues associated with collection, transfer station and landfill operations. Asbestos and drywall disposal issues will also be addressed. Topics included:</p> <ul style="list-style-type: none"> • 08:30 SWANA Safety Program Overview and Introduction of Ambassador Program, • 08:45 Safety Trends and Solutions - Fleet and Collection Operations • 09:45 Safety Culture and Behavioural Change • 10:30 Worksafe BC Asbestos Disposal and Exposure • 11:00 Safety Trends and Solutions-Processing Facilities and Landfill Safety • 12:00 Wrap-up • 12:15 Lunch and Speaker, Tom Parker, CH2M <p>Confirmed Speakers:</p> <ul style="list-style-type: none"> • Maggie Warren, Regional District of Nanaimo & SWANA Pacific Chapter Safety Ambassador • Tom Land, Ecowaste Industries • Ed Walsh, Emterra Environmental • Bryan Welborn, Cornerstone Environmental • Geoff Clark, Worksafe BC
1:00 – 4:00 PM	Tours
7:00 – 8:30 PM	Reception – Foyer of Pinnacle Room and Throughout the Conference Floor
THURSDAY, APRIL 7	
7:00 – 8:00 AM	Registration & Breakfast
8:00 – 8:15 AM	Welcome & Opening
8:15 – 8:45 AM	Keynote – Michelle Leonard, Vice President, SCS Engineering & President SWANA North America <i>Generously Sponsored by Multi-Material BC (MMBC)</i>

9:00 – 10:00 AM	Technical Session 1		
	1A – Organics Waste Reduction & Program Planning <ul style="list-style-type: none"> Residential Food Waste Prevention – A Toolkit for BC Communities - Rebecca Freedman, Ministry of Environment & Avery Gottfried, Tetra Tech Expanding City of Vancouver Food Scraps Recycling Program to Multi-Unit Residential Buildings – Patrick Chauo, City of Vancouver Commercial Organic Waste Diversion in Canada’s North: A Case Study from the City of Whitehorse, YT – Miles Hume, City of Whitehorse 	1B – Optimizing Collection <ul style="list-style-type: none"> Getting the Best Value from Waste Collection Procurements - Mark Rogoff, SCS Engineers Residential Collection Review: Township of Langley Builds Efficiency and Decreases Garbage Tonnage – Tamara Shulman, Tetra Tech, Debbie Fleming, Township of Langley Waste Fleets are “Smartening” Up – New directions in Smart Truck Technologies & Capabilities – Don Diego Padilla II, FleetMind 	1C – Spotlight on Transfer Stations <ul style="list-style-type: none"> Focus on Safety at the Transfer Station – Tom Parker, CH2M Keeping it Open: Planning for Ongoing Operations During Construction – Ian Sutton, Brown and Caldwell, and Charlie Conway, KPG Inc. Additional speaker yet to be determined
10:00 – 10:30 AM	Refreshment Break – generously sponsored by ...		
10:30 – 11:30 PM	Technical Session 2		
	2A – Organics Waste Processing & Operations <i>Generously Sponsored by Glad Canada Ltd.</i> <ul style="list-style-type: none"> Trends in North American Regulations affecting MSW Organics and the Changes They are Driving – Tom Kraemer, CH2MHill Boosting Capacity of System with More Organics (Portland) – Lyndsey Lopez, CH2M Edmonton Anaerobic and Aerobic Food Waste Composting Process Evolution – Christian Felske, City of Edmonton 	2B – Sustainable Design Of Waste Management Facilities Plenary <i>Generously Sponsored by JR Miller & Associates</i> <ul style="list-style-type: none"> Facility Design & Layout for Successful and Profitable Operations – Stefan Bukojemski Sustainable Design of Waste Management Facilities – TBD, JR Miller & Associates From Waste Facilities to Recovery Centres and the Role Envision can Play - Lourette Swanepoel, Michael McNaught, Manoj Singh, Stantec 	
11:30 – 12:30 PM	Lunch – generously sponsored by ...		
12:30 – 1:30 PM	Plenary Session – Integrated Solid Waste Management at the Regional & County Levels <i>Generously Sponsored by The Canadian Plastics Industry Association (CPIA)</i> <ul style="list-style-type: none"> How Integrated Waste Management System Supports Climate Change Initiatives - Mirka Januszkiewicz, Region of Durham (ON) The Nuts and Bolts of the Monterey Regional Waste Management District’s New Solid Waste Tool Kit – Doug Drennen and TBD, Miller & Associates 		

1:30 – 2:30 PM	Technical Session 3		
	<p>3A – Waste Reduction & Diversion Planning – Striving for Zero Waste <i>Generously Sponsored by Dillon Consulting Ltd.</i></p> <ul style="list-style-type: none"> • Tenant Engagement on Sustainability – Focusing on Waste Reduction and Diversion – Alida Kusch, Dillon Consulting Ltd., Magda Szpala, BC Housing • New Westminster’s Clear Bag Trial Methodology & Results – Kristian Davis, City of New Westminster and Karen Storry, Metro Vancouver • How Recycling Depots Can Contribute to the Circular Economy – Rolfe Philip, Modulo Beton / Yield Energy 	<p>3B – Eco-Depot Design & Operation</p> <ul style="list-style-type: none"> • Seeking Sustainable Waste Management Solutions in First Nation Communities: Transfer Station Design for the Sunchild First Nation – Terry Fulton, Tetra Tech, Harry Goodrunning, Sunchild First Nation • Implementing Recycling in Remote First Nations Communities and Using Social Media as a Communications Tool – Nathalie Maurer, Morrison Hershfield, David Carson, Traditional Territory of the Tsártlip WSANEC First Nations • SWANA Pacific Chapter New Eco-Depot Training – Alda Nicmans, SWANA Pacific Chapter 	<p>3C – Managing Liabilities at Landfills</p> <ul style="list-style-type: none"> • Self-Sustaining Subsurface Exothermic Reaction – Tony Sperling, Sperling Hansen Associates • Port Angeles Landfill Cell Stabilization – Tyson Wright, Herrera • Application of Geophysics to Identify Water-Bearing Fracture Zones Supporting Landfill Closure and Divestment – Korene Torney, Capital Regional District
2:30 – 3:00 PM	Refreshment Break – generously sponsored by ...		
3:00 – 4:00 PM	Technical Session 4		
	<p>4A – Talking Trash: Cool Ideas to Motivate Change <i>Generously Sponsored by: Encorp Pacific Canada</i></p> <ul style="list-style-type: none"> • The Right Tools for the Job of Engaging Your Customers, Olivia Williams, HDR Engineering • Communications and Branding tip to Maximize Citizen Participation, Rod Roodenberg, Ion Brand Design • Social Marketing and Changing Behavior – Making and Measuring Behavioral Change, Lisa Skumatz, Skumatz Economic Research Associates 	<p>4B - Landfill Planning & Innovation</p> <ul style="list-style-type: none"> • Landfill Expansion Liner Subgrade Drainage and Leachate Management in a Wet Climate – Cory Hinds, CH2MHill and Dave Conrad, Kodiak Island Borough, Alaska • Regional District of Kitimat Stikine Solid Waste Management Upgrade – Tony Sperling, Sperling Hansen & Associates • Landfill Capacity Study for Hartland Landfill – Evan Griffiths, CH2MHill, Joshua Frederick, CRD 	
6:00 – 10:00 PM	Banquet – Travel via Seabus – Rogue Restaurant & Wetbar, 200 Burrard Street, Entertainment: Fly Over Canada at Canada Place		

FRIDAY, APRIL 8

7:00 – 8:00 AM	Registration & Breakfast	Case Studies by Sponsors	
8:00 – 8:45 AM	Keynote / Plenary to be confirmed		
9:00 – 10:00 AM	Technical Session 5		
	5A – Keeping Communities Clean <ul style="list-style-type: none"> A Revitalized Approach to Managing Litter and Illegally Dumped Waste – Tanya Drouillard, Township of Langley Pilot Projects and Marine Litter Initiatives - Krista Friesen, CPIA Strategies to Mitigate Litter, Abandoned Waste and Escaped Waste in Metro Vancouver – Allen Jensen, Metro Vancouver, Belinda Li, Tetra Tech 	5B – Landfill Gas – Modelling & Monitoring <ul style="list-style-type: none"> Towards a better understanding and quantification of Landfill Gas Generation – Jim Atwater, UBC; Ali Abedini, Sperling Hansen & Associates Beyond Monitoring: Mapping Methane Hotspots in Landfills (Calgary) – Sean Buckles and Nancy Nikolakakis, Tetra Tech A review of LiDAR and its potential to monitor emissions from landfill environments – Keith Thomsen, Washington State University Tri-Cities 	5C – Sponsorship Series - Products & Technologies - Part 1 Speakers yet to be determined -10 minutes each
10:00 – 10:30 AM	Refreshment Break – generously sponsored by ...		
10:30 – 11:30 AM	Technical Session 6		
	6A – Recycling & Product Stewardship <ul style="list-style-type: none"> A Transition to British Columbia's Printed Paper and Packaging Stewardship Program – Ben Van Nostrand, Columbia Shuswap Regional District Transitioning to the New Recycling Paradigm Under EPR – Noelle Chin & Daniel Lantz, Green by Nature How BC benefits from the EPR Programs – an economic and environmental story – Speaker to be determined 	6B – Advances in Landfill Gas Management <ul style="list-style-type: none"> Comparative Studies of Three Different Horizontal Landfill Gas collector Design – Toraj Ghofrani, King County Cache Creek Landfill – Powering the Community – David Barber, Wastech Too Much Flare, Not Enough Gas: Downscaling Treatment Requirements using Landfill Gas Forensics – Peter Banister, Aspect Consulting and Dan Swope, King County 	6C – Sponsorship Series - Products and Technologies - Part 2 Speakers yet to be determined - 10 min each
11:30 – 12:30 PM	Lunch – generously sponsored by ...		

12:30 – 1:30 PM	Technical Session 7	
	<p>7A – Wood & Demolition Waste Management Panel <i>Generously Sponsored by Ecowaste Industries</i></p> <p>Panelists include:</p> <ol style="list-style-type: none"> 1. Waste disposal – Tom Land, Ecowaste Industries 2. Municipal policies supporting diversion – Lisa Brideau or Brad Badelt, City of Vancouver 3. Status of current markets for DLC materials – Speaker yet to be determined 4. Emerging markets for DLC materials – Speaker yet to be determined 	<p>7B - Landfill Closure & Post-Closure</p> <ul style="list-style-type: none"> • Vancouver Landfill Upcoming Closure & Gas Works Projects – Lynn Belanger, City of Vancouver • Landfill Closure Design – Landfill Closures Built for Speed on the Coast – Deacon Liddy, GHD Engineering • Horsethief Landfill, Klicktat County: A New Look at Ending Custodial Care – John Cleary, Haily Fitterer, HDR Engineering
1:30 – 2:30 PM	Workshop –From Inspiration to Action in 5 Easy Steps, Jan Enns, Jan Enns Communications	
2:30 – 3:00 pm	Closing & Final Comments	