

**2018 NORTHWEST REGIONAL SWANA SYMPOSIUM
PROGRAM AGENDA**

WEDNESDAY APRIL 18, 2018

2:00 5:00	Tour Northwest Container Services Portland, Intermodal Yard, Waste Connections, Inc. (Reservations Required) McMenamins Edgefield Meet at 2:15 PM circular driveway in front of main building. Cost is \$20. Free event for Young Professionals (35 and younger)
5:30 8:30	Ice Breaker Reception and Early Registration YP Mixer (starts at 6:00 PM) Power Station Attic Sponsored by Republic Services & DelHur Industries

THURSDAY APRIL 19, 2018

7:00 7:45	Registration & Continental Breakfast Blackberry Hall Sponsored by Recology & Agru America	
7:45 7:50	Welcome and Symposium Overview Acknowledgements <i>Tim Logan (President, Oregon Beaver Chapter)</i>	
7:50 8:05	Opening Remarks Paul Slyman, Director of Property and Environmental Services, Metro	
8:05 8:10	Housekeeping <i>Wes Gavett (Board Member & Symposium Chair)</i>	
8:15 9:30	Power Station Attic	Main Lodge Ballroom
	Session 1A - Safety Sponsor - Wasco County Landfill, Vista GeoEnv. Services Moderator: Ken Kampfen, SCS Engineers <i>2017 Year in Review - Industry Lessons Learned; Ken Kampfen</i> <i>Safety Technologies - Tools to Measure Fatigue and Avoid Machine Collisions; Mark Dowsett; Caterpillar</i> <i>"Hot Zones" at Post Collection Facilities; Kevin Green, Wasco County Landfill (Waste Connections)</i>	Session 1B - Landfill Gas Sponsor - Finley Buttes Landfill Moderator: Tim Logan, DMT Clear Gas <i>LF Emissions - Tangible Benefits (SB 334 Review); Dan Avery; Oregon Department of Energy</i> <i>Accepting the Resource; John Dayton, Northwest Gas Association/NW Alliance for Clean Transportation</i> <i>The Five Steps for Successful HighBTU Projects; Robert Lems, DMT Clear Gas</i>
9:30 10:00	BREAK in Blackberry Hall with Exhibitors Falconry Demonstration (outside 9:40-10:00); Kort Clayton, Integrated Avian Solutions Sponsored by ORRA, OR DEQ, City of Eugene	
10:00 12:00	Power Station Attic	Main Lodge Ballroom
	Session 2A - Materials Management Part 1 Sponsor - Marion County Moderator: Don Alexander, Marion County <i>Moving Up the Hierarchy: Prevention, Reuse and Repair in Oregon; David Allaway; OR DEQ</i> <i>What Are You Wasting? Proper Use of Waste Characterization Data for Diversion Goals; Michelle Leonard; SCS</i> <i>Lithium Battery Recycling Education and Awareness; Tracie Bills; SCS</i>	Session 2B - Landfill Equipment Sponsor - Vista GeoEnv. Services, Geo-Logic Moderator: Scott Haynes, West Salem Machinery <i>Solar-Powered Piston Pumping on Landfills; Mark Bertane; Blackhawk</i> <i>Equipment Selection - Equipment Issues and Best Practices in a Landfill Application; Mark A. Welch; Caterpillar</i> <i>Cover Systems - Exposed Geomembrane Cover Systems and the Wind Defender Ballast System; Elliot Pugh; Wind Defender, LLC</i> <i>Drones - Unmanned Aerial Vehicles (UAV) - Landfill Aerial Topo; Bill Edmonson; RDO Integrated Controls</i>

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(Continued)

THURSDAY APRIL 19, 2018

12:00 1:30	<p>LUNCH in Blackberry Hall with Exhibitors SWANA Chapter Announcements and Prize Drawings Keynote Speaker: Safety in the Waste Industry; Shawn Mandel; Waste Connections, Inc. Sponsored by: PBS USA and Weaver Consultants</p>		
1:30 3:00	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p align="center">Power Station Attic</p> <p>Session 3A - Material Management Part 2 Sponsor - JR Miller Moderator: Julie Jackson, Republic Services</p> <p><i>Food Waste Management; Holly Stirnkorb, Metro</i></p> <p><i>Organics: Composting and Processing Solutions; Jim Miller, JR Miller & Associates</i></p> <p><i>What to Do and What Not to Do when Procuring Food Waste Processing Services; Tim Raibley, HDR</i></p> </td> <td style="width: 50%; vertical-align: top;"> <p align="center">Main Lodge Ballroom</p> <p>Session 3B - Recycling Sponsor - Vista GeoEnv. Services Moderator: Michelle Langdon, Great West Engineering</p> <p><i>Latino Behavior Study: Testing Outreach Tactics to Change Behavior in the Spanish-speaking Community; Michelle Metzler, Waste Management</i></p> <p><i>Recycling 101; Gregg Hayward; City of Gresham</i></p> <p><i>How are MRF's Systems Adapting New Market Conditions; Doug Drennen, JR Miller & Associates</i></p> </td> </tr> </table>	<p align="center">Power Station Attic</p> <p>Session 3A - Material Management Part 2 Sponsor - JR Miller Moderator: Julie Jackson, Republic Services</p> <p><i>Food Waste Management; Holly Stirnkorb, Metro</i></p> <p><i>Organics: Composting and Processing Solutions; Jim Miller, JR Miller & Associates</i></p> <p><i>What to Do and What Not to Do when Procuring Food Waste Processing Services; Tim Raibley, HDR</i></p>	<p align="center">Main Lodge Ballroom</p> <p>Session 3B - Recycling Sponsor - Vista GeoEnv. Services Moderator: Michelle Langdon, Great West Engineering</p> <p><i>Latino Behavior Study: Testing Outreach Tactics to Change Behavior in the Spanish-speaking Community; Michelle Metzler, Waste Management</i></p> <p><i>Recycling 101; Gregg Hayward; City of Gresham</i></p> <p><i>How are MRF's Systems Adapting New Market Conditions; Doug Drennen, JR Miller & Associates</i></p>
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3:00 3:30	<p>BREAK in Blackberry Hall with Exhibitors Prize Drawings Sponsored by OR DEQ, City of Eugene, and HDR</p>		
3:30 5:30	<p>Main Lodge Ballroom</p> <p>Session 4 - Recycle Markets Round Table Sponsor - Vista GeoEnv. Services, Geo-Logic Moderator: Lyndsey Lopez, JACOBS</p> <p>Featured Speakers: Brian Fuller - ODEQ; Dave Claugus - Pioneer; Michael Wisth - City of Eugene; Matt Korot - Metro, Kristan Mitchell, ORRA</p>		
6:30 8:00	<p>EVENING DINNER Main Lodge Ballroom Sponsored by Waste Connections</p>		
8:00 10:00	<p>WILD BILL'S CASINO NIGHT Blackberry Hall Sponsored by Waste Management</p>		

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(Continued)

FRIDAY APRIL 20, 2018

7:00 8:00	Registration & Continental Breakfast Blackberry Hall Sponsored by Dry Creek Landfill & OR Biochar	
8:00 9:30	Power Station Attic Session 5A - Stormwater Part 1 Sponsor - Thiel Engineering, Geo-Logic Moderator: Kelly Kincella, Waste Connections <i>OR 1200z permit - Permit Overview, Changes, Inspection Observations & BMPs; Elizabeth Murphy, OR DEQ</i> <i>Alternative Compliance Pathways for Stormwater Permits at Solid Waste Facilities; Kent Wiken, Landau Inc. & Jeff Altman, Waste Management</i> <i>Stormwater Management on Industrial Waste Facilities along Impaired Waterbodies; Nate Holloway, Clear Water Services</i>	Main Lodge Ballroom Session 5B - Landfill Open Discussion Sponsor - Landslide Technologies, Vista GeoEnv. Services Moderator: Jenifer Stuber, Dry Creek Landfill <i>Why is Fill Planning So Important for Effective Landfill Operations?; Michelle Langdon; Great West Engineering</i> <i>User's Guide to Replacing a Leaning Landfill Gas Flare; Evan Griffiths; JACOBS</i> <i>Multi-Linear Drainage Recomposites for Enhanced LFG Collection in Landfill; Pascal Saunier, Aftex-Textel Drintube</i>
9:30 10:00	BREAK in Blackberry Hall with Exhibitors Prize Drawings Sponsored by JR Miller and ORRA	
10:00 11:30	Power Station Attic Session 6A - Stormwater Part 2 Sponsor - Vista GeoEnv. Services Moderator: Rob Smoot, Metro <i>Stormwater Treatment Case Study: Chemical Precipitation and Settling at an Intermodal Facility; Sean Hanrahan; PBS Engineering</i> <i>Solutions for Environmental Compliance for Solid Waste Transfer Stations and Solid Waste Disposal Facility Storm Discharges; Walt Weyler; Claris</i> <i>Stormwater Dictating Design: A Case Study of Designing Transfer Station Improvements Around Stormwater Management; Travis Pyle, Great West Engineering</i>	Main Lodge Ballroom Session 6B - Landfill Leachate Management Sponsor - Vista GeoEnv. Services, Geo-Logic Moderator: George Duvendack, Waste Connections <i>Landfill Leachate: Limit Generation, Control Disposal; Sam Cooke; SCS Engineers</i> <i>Innovative Approach to Dealing with Scaling in Leachate Collection Piping; Travis Patterson; Gii Group</i> <i>The Sounds of Landfill Gas Flow System, Toraj Ghofrani, King County Solid Waste Division</i>
11:30 1:00	LUNCH in Blackberry Hall with Exhibitors Prize Drawings Sponsored by: SCS Engineers	
1:00 2:00	Main Lodge Ballroom Session 7 - Impacts of New Air and GHG Programs on Solid Waste Facilities Round Table Sponsor - Vista GeoEnv. Services, Geo-Logic Moderator: Tim Logan, DMT Clear Gas Featured Speakers: Patrick Sullivan - SCS; Mike Freese - The Romain Group; Rod Whitaker - WRRRA; Chad Darby - Maul Foster & Alongi, Inc., Keith Johnson - ODEQ	
2:00 2:30	Closing and Final Comments Blackberry Hall Tim Logan (President Oregon Beaver Chapter) Final Prize Drawings	