



VRA + SWANA

SHARING SOLUTIONS

• 2022 CONFERENCE •

Hilton Virginia Beach Oceanfront
May 4 - 5

Wednesday May 4

7:00 AM to 8:30 AM	Breakfast Welcome/Keynote starts at 8:00	Peacock Ballroom Welcome: Billy Basham—VRA President Aaron White—SWANA President Secretary of Natural Resources- (Invited) Director of DEQ: (Invited)
8:30 AM to 9:00 AM	Beverage Break In Exhibit Hall	Cottage Row Foyer
9:00 AM to 10:15 AM 75 minutes	Concurrent Sessions	
	Trends for Solid Waste and Recycling	Peacock A Jesse Maxwell, SWANA (30) Federal Overview on Solid Waste and Recycling Robert Dick, SCS Engineers (45) SW Trends: Future Solid Waste & Recycling industry Trends Panel Session
	Organics Recycling	Peacock B Ryan Duckett (25) SCS Engineers: Bringing it Back to the People: Composting Experiences and Benefits Gleaned from Recent Implementation Processes Ben Parry (25) Compost Crew: Distributed Composting: build resiliency and support local food production Beth Gingold, Lila Baltaxe, Julie Fuentes, Meghann Quinn (25): Food Waste- What if we Make the Most of Food @ Home – with our co-workers?
	PFAS	Peacock C Alexander Hajek (25) SCS Engineers: PFAS in Landfills: Emerging

		<p>Solutions</p> <p>Lindsay Boone (25) Enthalpy Analytical: A Case Study of PFAS in Wastewater and Landfill Leachate</p> <p>Tony Singh (25) Department of Health/Jeff Steers, Department of Environmental Quality: MCLs and Legislation</p>
10:15 AM to 10:30 AM	Break	
10:30 AM to 11:45 AM 75 minutes	Concurrent Sessions	
	Landfill Gas	<p>Peacock A</p> <p>Joel Miller (25) HDR Engineering, Inc.: Good Neighbors – Case Study Regarding LFG Migration at Adjacent Landfills</p> <p>Jeffrey Murray (45) Panel Discussion, Dennis Bagley SPSA, Jeremy Garrett RVRA, Joel Miller HDR: Making the Case for LFG to RNG</p> <p>Tom Bilgri, Billy Emmert, Daryl O'Dell (25) Tetra Tech: Removing Hydrogen Sulfide from Biogas – Lessons Learned to Overcome Obstacles, Reduce Cost, and Ensure Success.</p>
	Safety	<p>Peacock B</p> <p>Loren Kato</p>
	Pricing Trends and Supply Chain	<p>Peacock C</p> <p>Kate Vasquez (45 or 60) RRT Design and Construction Recyclable commodity values and how they influence planning, outreach, and education</p> <p>Dave Weitzman RRT Design & Construction, Need Title</p>
11:45 AM to 12:00 PM	Break	
12:00 PM to 12:45 PM	Lunch	Peacock Ballroom
12:45 PM to 1:15 PM 30 minutes	Virginia DEQ: Plenary Session	<p>Peacock Ballroom</p> <p>Sanjay Thirunagari</p> <p>Prina Chudasama</p>
1:15 PM to 1:45 PM	Dessert in Exhibit Hall	Cottage Row Foyer
1:45 PM to 3:15 PM	Concurrent Sessions	

90 minutes		
	Collections	<p>Peacock A</p> <p>Quinn Bernier and Joshua Krumski (25) SCS Engineers: Improve, Overcome, and Adapt: Using Existing GIS Capabilities to Optimize Collection Operations</p> <p>Ryan Duckett, SCS Engineers and Richard Hicks – Pittsylvania County County (25) Insights & Improvements at Solid Waste & Recycling Collection Centers</p> <p>Brett Rogers, Republic Services: Electric trucks</p>
	Liquid Challenges in Landfills	<p>Peacock B</p> <p>Patrick Stanford (25) Rochem Americas, Inc. Sharing Best Practices for Leachate Planning</p> <p>Robert Dick (45) SCS Engineers: Management Challenges Associated with High Moisture Content in Landfills</p>
	Education and Outreach for Recycling & Litter Programs	<p>Peacock C</p> <p>Dennis Bagley (25) Southeastern Public Service Authority "It's not your grandfathers dump"</p> <p>Sarah Sterzing (35) Sarah Sterzing, Morgan Willett, Faith Martin, Fleta Jackson, Keep Norfolk Beautiful: Together yet apart, we gathered, learned, and launched.</p> <p>Phil Bresee (25) MSW Consultants: Contamination/Recycling Behavior Reducing Recyclables Contamination and Improving Recycler Behavior through Recycling Cart Monitoring Programs</p>
4:30 PM to 6:30 PM	Reception with Exhibitors	<p>Cottage Row Foyer</p> <p>Exhibitor Card Prize Drawing</p>

Thursday May 5

7:30 AM to 8:30 AM	Breakfast	Peacock Ballroom
8:30 AM to 9:30 AM 60 minutes	Recycling Markets	Peacock Ballroom
9:30 AM to 9:45 AM	Break	

<p>9:45 AM to 10:45 AM</p> <p>1 hour</p>	<p>Concurrent Sessions</p>	
	<p>Permitting</p>	<p>Peacock A</p> <p>Victoria Essex (35-40) SCS Engineers: Permitting Lessons Learned from Case Studies in Air Permitting, Gas Modeling, GHG Emissions, GCCS Design Plans, and GCCS Liquids Management</p> <p>Benjamin Allen (25) ARM Group LLC: Permitting Landfill: RAP MSE berm</p>
	<p>Leachate Treatment</p>	<p>Peacock B</p> <p>Sam Lewis and Guy Chapman (25) Ingenco: Leachate Evaporation</p> <p>Jeffrey Murray HDR and Henry Strickland, SPSA (25) Leachate Evaporation - The New and Improved Magic Wand</p> <p>John Weigold (25) Heartland Water Technology: On-site Treatment of Leachate Reverse Osmosis Concentrate and innovative commercial approaches to landfill fluid management</p>
	<p>Zero Waste and the Circular Economy</p>	<p>Peacock C</p> <p>Annie White (25) Resource Recycling Systems (RRS): Building a Robust Circular Economy through Partnership and Innovation: Lessons Learned from Michigan</p> <p>Jennefer Klennert, Eric Forbes, Nathalie Owen (25) HDR, Inc. and Fairfax County: Zero Waste through prevention and elimination: A paradigm shift</p> <p>Reusable Packaging Association Packaging for a circular economy (Invited)</p>
<p>11:00 AM to 12:00 PM</p> <p>1 hour</p>	<p>Concurrent Sessions</p>	
	<p>Problem Commodities</p>	<p>Peacock A</p> <p>Raymond Hoffman (25) Carlson Environmental Consultants, PC: Asphalt Shingle Recycling</p> <p>Jonathan Kiser (25) Kiser Environmental Consulting: Solving the 20-Pound Propane Tank Management Issue</p> <p>Fairfax Glass- (invited)</p>
	<p>Improvements in Solid Waste Industry</p>	<p>Peacock B</p> <p>Andrew Copley (25) Geosyntec Consultants: Proof is in the Data: Assessing the Need for Ground Improvement</p> <p>Robert Swan (25) HD Concrete Floors: Tipping Floors: Solutions</p>

		for Improving Durability, Environmental Compliance and Considerations for Repairs
	Technologies	Peacock C William Richardson (25) SCS Engineers: Digital Twins Tony Gianni, David Hager, Tom Schwallie (25) Loadrite: Sustainability Data on Every Dumpster Eric Olsen (25) Draper Aden: drone emission detectors for monitoring landfill gases
12:00 PM	Conference Close	Prize Drawing