



VRA + SWANA

SHARING SOLUTIONS

• 2022 CONFERENCE •

Hilton Virginia Beach Oceanfront
May 4 - 5



May 3 - 5, 2022

2022 CONFERENCE

CONFERENCE OVERVIEW

CEUs Available

Tuesday May 3

9:00 AM	Golf Outing	Virginia Beach National 2500 Tournament Drive, Virginia Beach, VA 23456
Noon—5:00	Registration Open	Princess Anne
Noon—5:00	Exhibit Set Up	Cottage Row Foyer
10:00 am 1:00 pm	Industry Tours: Goodwill Industries Canon Virginia	1911 Saville Row Hampton VA 12000 Canon Blvd. Newport News, VA 23606
4:00—6:00 PM	Young Professionals Reception Sponsored by SCS Engineers	Smartmouth Brewing Company at the Pilot House 313 32nd Street Virginia Beach, VA 23451
6:00 PM to 8:00 PM	Family Friendly Welcome Reception Sponsored by Golder and GFL	The Shack 712 Atlantic Ave, Virginia Beach, VA 23451

Wednesday May 4

7:30 AM to 8:30 AM	Breakfast Sponsored by RDS and LaBella Welcome/Keynote starts at 8:00	Peacock Ballroom Welcome: Billy Basham—VRA President Aaron White—SWANA President Keynote: Andrew Wheeler, Senior Advisor to the Governor
8:30 AM to 9:00 AM	Beverage Break In Exhibit Hall Sponsored by SCS Engineers	Cottage Row Foyer
9:00 AM to 10:15 AM	Concurrent Sessions	
	Future Trends for Solid Waste and Recycling Moderator: Kate Vasquez	Peacock A Jesse Maxwell, SWANA, Federal Overview on Solid Waste and Recycling Robert Dick, SCS Engineers, SW Trends: Future Solid Waste & Recycling industry Trends Panel Session
	Organics Recycling Moderator: Marshall Hall	Albemarle Ryan Duckett, SCS Engineers: Bringing it Back to the People: Composting Experiences and Benefits Gleaned from Recent Implementation Processes Ben Parry, Compost Crew: Distributed Composting: build resiliency and support local food production Beth Gingold, Lila Baltaxe, Julie Fuentes, Meghann Quinn: Food Waste- What if we Make the Most of Food @ Home – with our co-workers?

2022 CONFERENCE

Wednesday May 4 (continued)

	<p>PFAS</p> <p>Moderator: JP Verheul</p>	<p>Spotswood</p> <p>Alexander Hajek, SCS Engineers: PFAS in Landfills: Emerging Solutions</p> <p>Lindsay Boone, Enthalpy Analytical: A Case Study of PFAS in Wastewater and Landfill Leachate</p> <p>Tony Singh, 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	Concurrent Sessions	
	<p>Landfill Gas</p> <p>Moderator: Tim Torrez</p>	<p>Peacock A</p> <p>Joel Miller, HDR Engineering, Inc.: Good Neighbors – Case Study Regarding LFG Migration at Adjacent Landfills</p> <p>Jeffrey Murray, HDR Engineering, Inc: Panel Discussion, Dennis Bagley SPSA, Jeremy Garrett RVRA, Joel Miller HDR: Making the Case for LFG to RNG</p> <p>Billy Emmert, Tom Bilgri, Daryl O'Dell, Tetra Tech: Removing Hydrogen Sulfide from Biogas – Lessons Learned to Overcome Obstacles, Reduce Cost, and Ensure Success.</p>
	Safety	<p>Albemarle</p> <p>Loren Kato, Spotsylvania County: Near Misses and Risk Management 101 - Near Misses are Free Warnings</p>
	<p>Pricing Trends and Supply Chain</p> <p>Moderator: Kim HYNes</p>	<p>Spotswood</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</p>
11:45 AM to 12:00 PM	Break	
12:00 PM to 12:45 PM	Lunch Sponsored by HDR	Peacock Ballroom
12:45 PM to 1:15 PM	<p>Virginia DEQ: Plenary Session</p> <p>Moderator: Aaron White</p>	<p>Peacock Ballroom</p> <p>Melinda Woodruff</p>
1:15 PM to 1:45 PM	<p>Break in Exhibit Hall</p> <p>Sponsored by SCS Engineers</p>	Cottage Row Foyer

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Wednesday May 4 (continued)

1:45 PM to 3:15 PM	Concurrent Sessions	
	<p>Collections</p> <p>Moderator: Teresa Sweeney</p>	<p>Peacock A</p> <p>Quinn Bernier and Joshua Krumski, SCS Engineers: <i>Improvise, Overcome, and Adapt: Using Existing GIS Capabilities to Optimize Collection Operations</i></p> <p>Ryan Duckett, SCS Engineers – Pittsylvania County, <i>Insights & Improvements at Solid Waste & Recycling Collection Centers</i></p> <p>Brett Rogers, Republic Services: Electric trucks</p>
	<p>Liquid Changes in Landfills</p> <p>Moderator: Nick Guariello</p>	<p>Albemarle</p> <p>Steven Carl, Progressive Environmental Services</p> <p>Robert Dick, SCS Engineers: Management Challenges Associated with High Moisture Content in Landfills</p>
	<p>Education and Outreach for Recycling & Litter Programs</p> <p>Moderator: Stephanie Hicks</p>	<p>Spotswood</p> <p>Dennis Bagley, Southeastern Public Service Authority "It's not your grandfathers dump"</p> <p>Sarah Sterzing, Sarah Sterzing, Morgan Willett, Faith Martin, Fleta Jackson, Keep Norfolk Beautiful: Together yet apart, we gathered, learned, and launched.</p> <p>Phil Bresee, MSW Consultants: Contamination/Recycling Behavior Reducing Recyclables Contamination and Improving Recycler Behavior through Recycling Cart Monitoring Programs</p>
4:30 PM to 5:30 PM	<p>Reception with Exhibitors</p> <p>Sponsored by: GFL Environmental</p>	<p>Cottage Row Foyer</p> <p>Exhibitor Card Prize Drawing</p>

Thursday May 5

7:30 AM to 8:30 AM	Breakfast Sponsored by CED and Republic Services	Peacock Ballroom
8:30 AM to 9:30 AM	<p>Recycling Markets</p> <p>Moderator: Christine McCoy</p>	<p>Peacock Ballroom</p> <p>Anne Thompson, RRS Plastic</p> <p>Kevin Drumm, Sims Metal Metal</p> <p>Todd Antonick, Ekman Group Paper</p>
9:30 AM to 9:45 AM	Break	

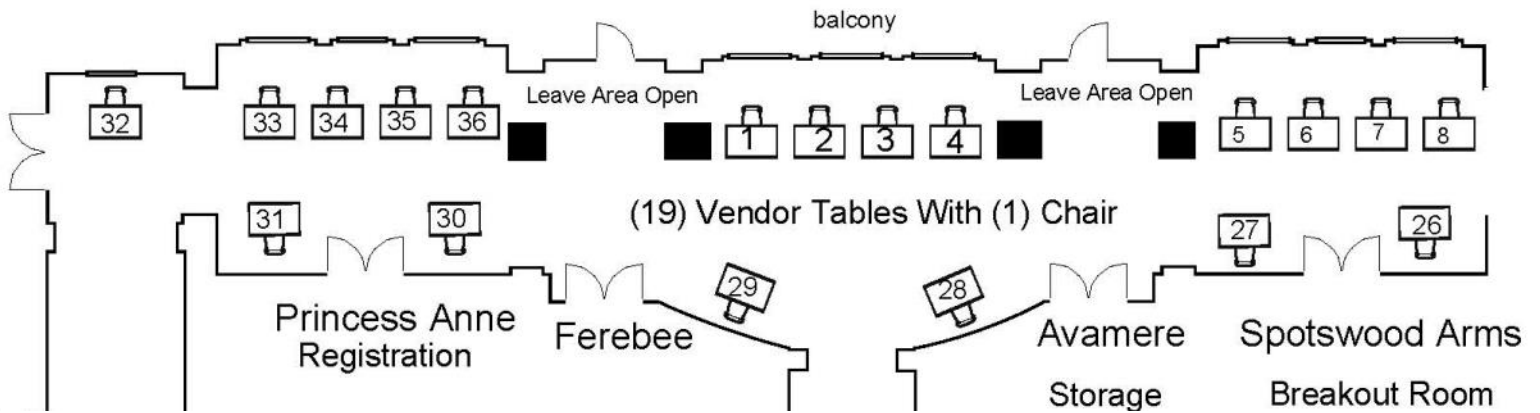
Thursday May 5 (continued)

9:45 AM to 10:45 AM	Concurrent Sessions	
	<p>Permitting</p> <p>Moderator: Mike Lawless</p>	<p>Peacock A</p> <p>Victoria Essex, Lucas Nachman, Matt Einsman, 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, ARM Group LLC: Permitting Landfill: RAP MSE berm</p>
	<p>Leachate Treatment</p> <p>Moderator: Ryan Duckett</p>	<p>Albemarle</p> <p>Sam Lewis and Guy Chapman, Ingenco: Leachate Evaporation</p> <p>Jeffrey Murray HDR and Henry Strickland, SPSA (25) Leachate Evaporation - The New and Improved Magic Wand</p> <p>Ram Natarajan, 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>Moderator: Christine McCoy</p>	<p>Spotswood</p> <p>Annie White (25) Resource Recycling Systems (RRS): Building a Robust Circular Economy through Partnership and Innovation: Lessons Learned from Michigan</p> <p>Jenifer Klennert, Eric Forbes, Nathalie Owen (25) HDR, Inc. and Fairfax County: Zero Waste through prevention and elimination: A paradigm shift</p>
11:00 AM to Noon	Concurrent Sessions	
	<p>Problem Commodities</p> <p>Moderator: Billy Basham</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>Brien Shreve, Fairfax County Glass Recycling</p>
	<p>Improvements in Solid Waste Industry</p> <p>Moderator: Kristie Hooper</p>	<p>Albemarle</p> <p>Andrew Copley, Geosyntec Consultants: Proof is in the Data: Assessing the Need for Ground Improvement</p> <p>Robert Swan, HD Concrete Floors: Tipping Floors: Solutions for Improving Durability, Environmental Compliance and Considerations for Repairs</p>
	<p>Technologies</p> <p>Moderator: Joe Benedetto</p>	<p>Spotswood</p> <p>William Richardson (25) SCS Engineers: Digital Twins</p> <p>Tony Gianni, David Hager, Tom Schwallie (25) Loadrite: Sustainability Data on Every Dumpster</p> <p>Eric Olsen (25) Draper Aden: drone emission detectors for monitoring landfill gases monitoring landfill gases</p>
12:00 PM	Conference Close	Prize Drawing

Exhibit Hall

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|----|------------------------------------|----|------------------------------------|-------------------------|--------------------|
| 1 | Trex Company, Inc. | 16 | Lindner Recyclingtech America | 31 | Draper Aden |
| 2 | GFL Environmental | 17 | Nova Products (Peninsula Plastics) | 32 | Republic Services |
| 3 | HDR Engineering | 18 | Sheriffs Association of Texas | 33 | SCS Engineers |
| 4 | Rochem Americas, Inc. | 19 | Enviro Equipment.com | 34 | Southwestern Sales |
| 5 | RDS of Virginia | 20 | Agru | 35 | GBB |
| 6 | Carlson Environmental Consultants | 21 | Replenys | 36 | ARM Group |
| 7 | Blackhawk Technology | 22 | Safety Tank of Maryland Inc | | |
| 8 | Pump One Environmental | 23 | Chesapeake Containment | Courtney Terrace | |
| 9 | NewGen Strategies and Solutions | 24 | American Scale Company LLC | 37 | Golder |
| 10 | Progressive Environmental Services | 25 | BLE | 38 | Sims |
| 11 | Euclid Chemical | 26 | Glasdon | 39 | Al-jon |
| 12 | MXI | 27 | AmCon Environmental | 40 | Lorentz |
| 13 | Mid-Atlantic Loadrite | 28 | Enthalpy Analytics | 41 | INGENCO |
| 14 | Lee Supply | 29 | LaBella | 42 | Geotechnics, Inc. |
| 15 | BE Equipment | 30 | Rehrig Pacific Company | 43 | PBE |

Cottage Row Foyer



Peacock Foyer

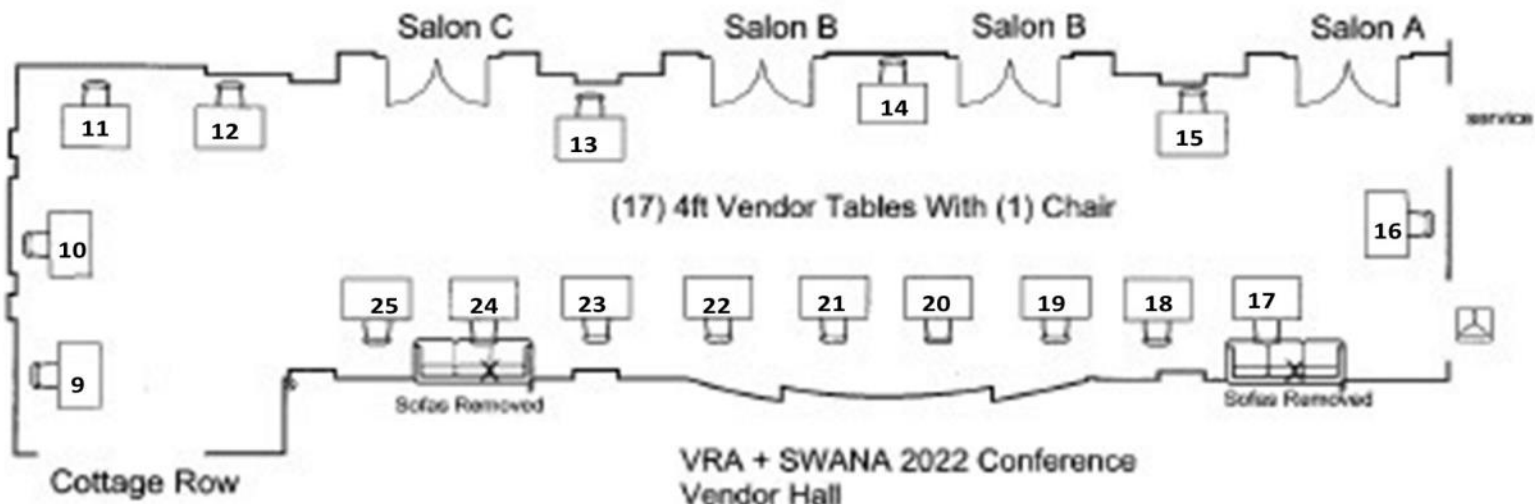
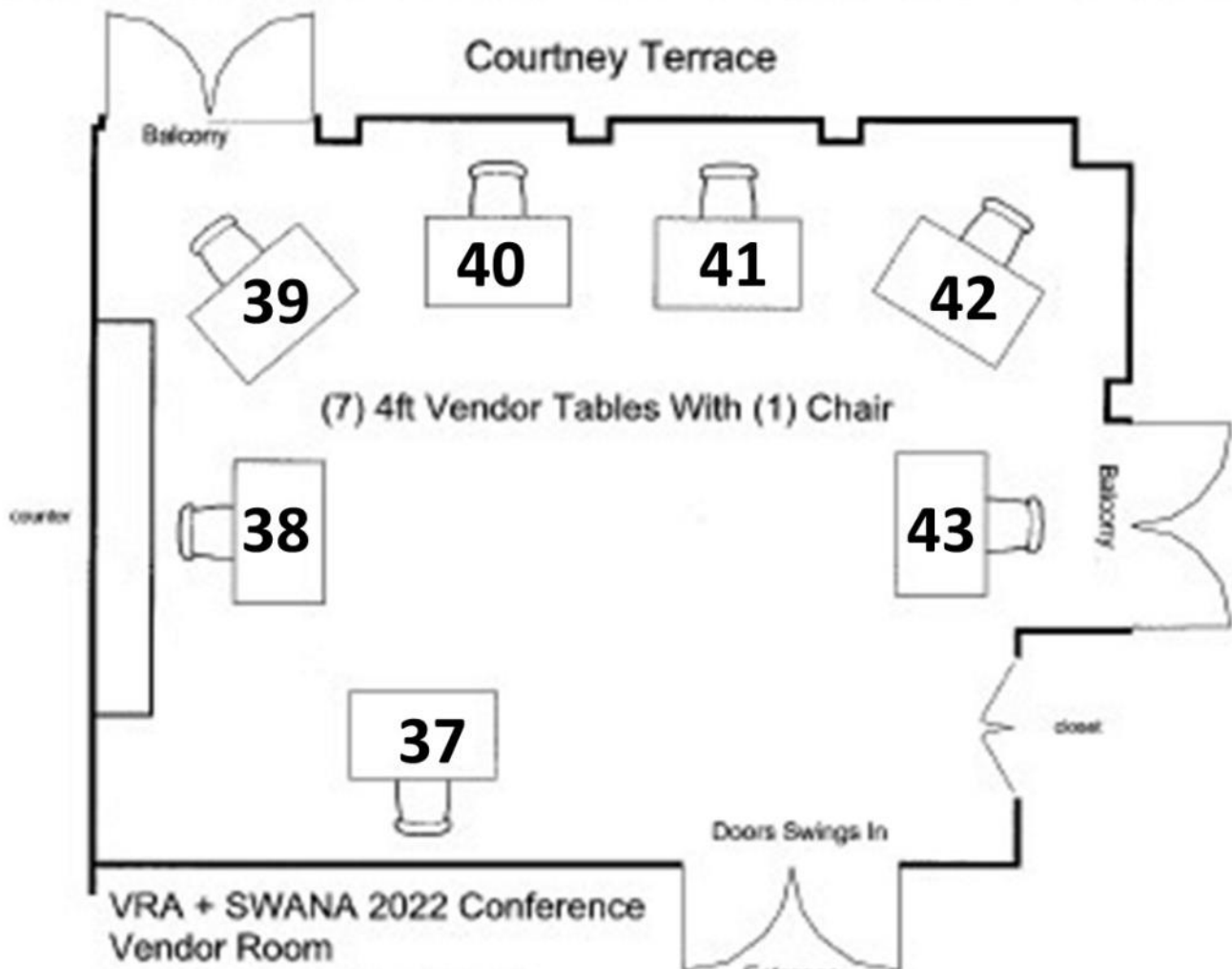


Exhibit Hall continued

Courtney Terrace

- 37 Golder
- 38 Sims
- 39 Al-jon
- 40 Lorentz
- 41 INGENCO
- 42 Geotechnics, Inc.
- 43 PBE



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