



## WHO SHOULD ATTEND?

Representatives of regional utilities, wastewater operations and maintenance personnel, utility directors, researchers, engineers, students, compliance regulators and environmental consultants.

## REGISTRATION

VWEA & MABA Members \$160 | \$195 after April 11

Non-Members \$195 | \$215 after April 11

\$450 Exhibitors Booth with 2 attendees

\$125 Reception Sponsorship

**Complimentary Registration for Full-Time Students!**

*Valid Student ID required at check-in.*

## HOTEL RESERVATIONS

**The Westin Richmond**

6631 West Broad Street

804.282.8444

**Block Rate through March 23: \$169/night**

Contact the hotel and reference VWEA to receive room block pricing.

## QUESTIONS?

Paula Sanjines

Education Chair

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## REGISTER ONLINE:

<https://www.vwea.org/event/EducationSeminar25>

## 2025 VWEA Education Seminar

# The Value of Water: *Recovering Resources from Wastewater*

April 23 - 24, 2025 | The Westin Richmond

## SEMINAR HIGHLIGHTS

**Expertise.** Featuring a range of speakers from utilities to industry experts working on the latest technologies. Program will present an overview of current local resource recovery projects including water reuse for aquifer recharge and data center cooling, regulatory outlook for PFAS and emerging contaminants in treated WRRF effluent and in biosolids, technological innovations for advanced treatment of wastewater and biosolids, and planning for and implementing projects for water reuse and resource recovery from biosolids.

**Networking.** The Education Committee will host a lively Networking Social on the evening of Wednesday, April 23rd at The Westin. Enjoy heavy appetizers and beverages while meeting the seminar speakers and networking with peers!

**Education.** Receive up to 6.5 CPEs.



# 2025 VWEA Education Committee SEMINAR PROGRAM

## WEDNESDAY, APRIL 23

6:30 to 9:30 PM Registration

**6:30 to 9:00 PM Reception Social Event: The Westin**  
*All attendees are invited to network with seminar speakers, exhibitors and colleagues*

## THURSDAY, APRIL 24

8:00 AM to 3:30 PM Registration

8:00 AM to 3:30 PM Exhibits Open

**8:00 to 8:25 AM Breakfast**

8:25 to 8:30 AM Welcome

### KEYNOTE SESSION

### SPEAKER(S)

8:30 to 9:30 AM	Implementing the SWIFT Water Reuse Program to Fulfill HRSD's Promise	Lauren Zuravnsky, <i>HRSD</i>
9:30 to 10:00 AM	Guidance on Water Reuse Regulations - VA Perspective	Neil Zahradka, <i>VDH</i>
10:00 to 10:30 AM	Delivering Reuse Projects to Enable Sustainable Digital Infrastructure Expansion	Sam Ofori, <i>Amazon Web Services</i>
<b>10:30 to 11:00 AM</b>	<b>Morning Break</b>	

### MORNING GENERAL SESSION

### SPEAKER(S)

11:00 to 11:30 AM	Regulatory Outlook for Biosolids, Biogas, and Reuse	Justin Curtis, <i>AquaLaw</i>
11:30 to 12:00 PM	Responding Proactively to EPA's PFAS Risk Assessment for Biosolids	Bill Brower, <i>Brown &amp; Caldwell</i>
<b>12:00 to 1:30 PM</b>	<b>Lunch</b>	



## THURSDAY, APRIL 24 (cont.)

SESSION A: WATER REUSE		SPEAKER(S)
1:30 to 2:20 PM	Dealing with Data Centers as Industrial Dischargers – Control Approaches for Success	Gary Hunter, <i>Black &amp; Veatch</i>
2:20 to 2:50 PM	Anne Arundel County's Clean Water Program and Managed Aquifer Recharge	James Howard, <i>Anne Arundel Co</i> Chris Phipps, <i>HDR</i>
2:50 to 3:20 PM	Water Reuse for Data Centers: A One Water Approach	David Flagg, <i>Spotsylvania County</i> Bill Meinert, <i>Jacobs</i>
<b>3:20 to 3:40 PM</b>	<b>Afternoon Break</b>	
3:40 to 4:30 PM	Navigating One Water Planning through Municipal Water Programs: Meeting Multiple Objectives and Regulatory Challenges   WRF Project 5175	Adam Hendrix, <i>HDR</i>
4:30 to 5:00 PM	Meeting Municipal and Industrial Water Supply and Quality Objectives with Reuse	Kelly Landry, <i>Hazen &amp; Sawyer</i> Micah Vieux, <i>Loudoun Water</i>
SESSION B: BIOSOLIDS REUSE		SPEAKER(S)
1:30 to 2:20 PM	From THP to RNG: Leveraging Stakeholder Relationships to Execute the WSSC Water BioEnergy Project - A Panel Discussion	Matt Van Horne, <i>Hazen &amp; Sawyer</i> Brian Balchunas, <i>HDR</i> Malcom Taylor, <i>WSSC Water</i> Joe Uglevich, <i>Stantec</i>
2:20 to 2:50 PM	One Renewable Energy Source Multiple Benefits, Beyond just CHP from Process Efficiency to Renewable Energy Credits	David Tolson, <i>UOSA</i>
2:50 to 3:20 PM	A Roadmap to Future Solids Treatment at AlexRenew	Rocky Iboleon, <i>Stantec</i>
<b>3:20 to 3:40 PM</b>	<b>Afternoon Break</b>	
3:40 to 4:30 PM	Advancing Nutrient Removal and Resource Recovery in the Sidestream at Nansemond Treatment Plant	Megan Bachmann, <i>HRSD</i>
4:30 to 5:00 PM	Sustainable Solutions: Strategic Planning for Centralized Biosolids Management	Jon Brindle, <i>Stafford County</i> John Fountas, <i>Jacobs</i>
SESSION C: EMERGING CONTAMINANTS		SPEAKER(S)
1:30 to 2:20 PM	PFAS Issues at HRSD: SWIFT and Biosolids	Mack Pearce, <i>HRSD</i> BJ Ward, <i>HRSD</i>
2:20 to 2:50 PM	Proactive Planning Working with Industrial Dischargers to Prepare for PFAS Regulations	Michael Peterson, <i>Ramboll</i>
2:50 to 3:20 PM	Evaluation of PFAS Impacts on Biosolids Processing Options at the Lexington-Rockbridge Regional WQCF	Jordan Combs, <i>Maury Service Auth</i> Matt Van Horne, <i>Hazen &amp; Sawyer</i>
<b>3:20 to 3:40 PM</b>	<b>Afternoon Break</b>	
3:40 to 4:30 PM	Innovations in Carbon Based Advanced Treatment	Wendell Khunjar, <i>Hazen &amp; Sawyer</i>
4:30 to 5:00 PM	PFAS in Municipal Wastewater Treatment Plants in Minnesota – A Statewide Analysis	Donald Ryan, <i>Stantec</i>