



### PRELIMINARY PROGRAM

#### Tuesday, April 29, 2025

10:00 AM – 5:00 PM <i>Lower Level – Tower 402</i>	<b>Registration Open – Badge Pickup</b>
11:30 – 12:30 PM <i>Robert King Room – Lobby Level</i>	<b>Women in CCR Luncheon</b> <i>Open to All Workshop Delegates – Separate Registration Required</i>
1:00 – 2:30 PM <i>Pheoris West – Level 3 – Tower 402</i>	<b>USWAG Member - Affiliate Dialogue Sessions 1</b> <i>You must be A USWAG Member or USWAG Affiliate to attend this Session. Separate Registration Required.</i>
2:30 – 3:00 PM	<b>Break</b>
3:00– 5:00 PM <i>Pheoris West – Level 3 – Tower 402</i>	<b>USWAG Member - Affiliate Dialogue Sessions 2a and 2b</b> <i>You must be A USWAG Member or USWAG Affiliate to attend this Session. Separate Registration Required.</i> <b>Member-Affiliates Dialogue Content Note:</b> A separate detailed agenda for the Member - Affiliate Dialogue is available to Members and Affiliates in a folder USWAG's Info Hub at this <a href="#">link</a> . Your USWAG User ID and Password are required to access these materials. Email <a href="mailto:info@uswag.org">info@uswag.org</a> for assistance.

#### Tuesday, April 29, 2025

5:30– 7:30 PM <i>Atrium – Lobby Level</i>	<b>Workshop Welcome Reception</b> <i>Open to all Workshop Delegates and Registered Guest</i>  <i>Note: Badge Pickup Will Be Available at the Reception Starting at 5:30 PM</i>
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## Wednesday, April 30, 2025

<b>7:00 AM – 5:00 PM</b> <i>Registration Desk – Lower Level</i>	<b>Registration Open</b>
<b>7:00 – 8:00 AM</b> <i>Bellows Ballroom A,B,C</i>	<b>Continental Breakfast</b>
<b>8:00 – 8:10 AM</b> <i>Bellows Ballroom D,E,F</i>	<b>11<sup>th</sup> Annual CCR Workshop - Welcome &amp; Opening Remarks</b> Dan Chartier, USWAG Executive Director JR Register, Ash Management & Solid Waste Committee Chair
<b>8:10 – 10:00 AM</b> <i>Bellows Ballroom D,E,F</i>	<b>Plenary Session 1</b> <i>Moderator: JR Register, Ash Management &amp; Solid Waste Committee Chair</i>
8:10 – 9:00 AM	<b>EPRI Coal Combustion Product Research Update</b> Lea Millet, Technical Leader III and Ben Gallagher, Program Leader, EPRI.
9:00 – 10:00 AM	<b>Working With Stakeholders</b> <b>Wait Wait!...Don't Close It!: Regulatory and Stakeholder Coordination for CCR Unit Closure.</b> Brandy Chenault, Senior Project Manager, Jacobs <b>Permitting CCR Units Under Georgia's CCR Permit Program.</b> Lauren Petty, CCR Permitting Supervisor, Georgia Power
<b>10:00– 10:30 AM</b>	<b>Break &amp; Exhibit Viewing</b>
<b>10:30 AM – 12:30 PM</b> <i>Bellows Ballroom D,E,F</i>	<b>Plenary Session 2</b> <i>Moderator: JR Register, Ash Management &amp; Solid Waste Committee Chair</i>
10:30 – 11:15 PM	<b>Keynote Speaker: Federal CCR Regulatory Update</b> <b>Steven Cook</b> , Deputy Assistant Administrator, Office of Land and Emergency Management (OLEM), U.S. Environmental Protection Agency
11:15 – 12:30 PM	<b>Updates on CCR Beneficial Use</b> <b>An Update from the American Coal Ash Association.</b> Thomas Adams, Executive Director, American Coal Ash Association <b>Strategic Insights: Key Considerations for Planning CCR Beneficial Reuse Projects.</b> Kyle Flynn, Director Business Development, Separation Technologies <b>Landfill Mining: A Broad Overview.</b> David Hoone, Senior Permitting & Compliance Manager
<b>12:30 – 1:30 PM</b> <i>Bellows Ballroom A,B,C</i>	<b>Lunch</b> <i>Open to All Workshop Delegates</i>

# Wednesday, April 30, 2025

<p><b>1:30 – 3:00 PM</b></p> <p><i>Track A - Emerson Burkhardt A,B</i></p> <p><i>Track B - Bellows Ballroom D,E,F</i></p>	<p><b>Session 3A</b> <b>Looking Beyond Regulations</b></p> <p><i>Moderator: David Bacher, NRG</i></p> <p><b>Multi-Stakeholder Collaboration Using Visualization Tools to Streamline Cumulative Impact Assessment.</b> William Rish, Principal Engineer, ToxStrategies</p> <p><b>Perspective on Arsenic Risk Assessment for the Evaluation of Coal Combustion Residual Products (CCPs).</b> Ari Lewis, Principal Toxicologist, Gradient</p> <p><b>A Novel Geospatial Tool for Assessing Risks and Opportunities for Conversion of CCR Closures into Productive Solar Energy.</b> Marc Theisen, Vice President of Business Development and Technical Services, Gradient</p>	<p><b>Session 3B</b> <b>Construction Practices</b></p> <p><i>Moderator: Dawn Prell, WSP</i></p> <p><b>Using a Remote CHIRP System to Characterize a Former CCR Settling Pond with Discussion of an Approach for Improving Leachate Collection Systems and an Innovative Downgradient Groundwater Remedy at a Former Power Generation Station.</b> Adam Rak, Senior Project Manager and Angela Anderson, Sr. Technical Engineer, Key Environmental, Inc.</p> <p><b>Evaluating and Pilot Testing Various Water Extraction Systems.</b> Chris Daly, Project Manager, Stantec Consulting Services Inc.</p> <p><b>Single-Ended (Blind) Directional Wells for Ash Basin Dewatering.</b> David Bardsley, Geologist and Brian Shinall, Business Development, Ellingson-DTD</p>
<p><b>3:00 – 3:30 PM</b></p>	<p><b>Break and Exhibit Viewing</b></p>	
<p><b>3:30 – 5:00 PM</b></p> <p><i>Track A - Emerson Burkhardt A,B</i></p> <p><i>Track B – Bellow Ballroom D,E,F</i></p>	<p><b>Session 4A</b> <b>Groundwater Geochemistry</b></p> <p><i>Moderator: Graham Crockford, TRC</i></p> <p><b>Organic Carbon, Natural Iron, and Acidification Mechanisms: Separately or Together, Their Presence Likely Influences CCR Unit Geochemistry.</b> Kent Evetts, Ash, Waste and Groundwater Specialist, TVA and PJ Nolan, Senior Technical Principal, Geochemistry and Jeffrey Frazier, Technical Principal of Geology, WSP</p> <p><b>Application of Groundwater Flow and Reactive Transport Modeling for Remedy Selection and Design at CCR Management Facilities.</b> Dimitri Vlassopoulos, Principal Scientist, Anchor QEA, Inc.</p> <p><b>Approaches to Evaluating Effectiveness, Permanence, and Reversibility of Corrective Actions at CCR Sites.</b> PJ Nolan, Senior Technical Principal, Geochemistry and Cole Mayer, Geochemist, WSP</p>	<p><b>Session 4B</b> <b>Closure Case Studies</b></p> <p><i>Moderator: David Mohon, Southern Company</i></p> <p><b>Challenges and Lessons Learned on Mayo Ash Basin Landfill.</b> Michael Lazar, Lead Engineer, Duke Energy and M. “Brian” Cole, Associate Civil Engineer, WSP</p> <p><b>NIPSCO Bailly Pond Closure Project – Challenges.</b> Steven Turner, Project Manager, Tetra Tech</p> <p><b>Adapting to Change: A Utility Perspective and Key Takeaways from Dynamic In-Situ Pilot Testing at CCR Sites.</b> Michael Smilley, Senior Environmental Specialist, Georgia Power</p>
<p><b>5:30 – 7:30 PM</b></p> <p><i>Bellows Ballroom A,B,C</i></p>	<p><b>Workshop Grand Reception</b> <i>Open to all Delegates and Registered Guests</i></p>	

# Thursday, May 1, 2025

<b>7:00 – 8:00 AM</b> <i>Bellows Ballroom A,B,C</i>	<b>Breakfast</b>	
<b>8:00 – 9:30 AM</b>  <i>Track A - Emerson Burkhart A,B</i>  <i>Track B - Bellows Ballroom D,E,F</i>	<b>Session 5A</b> <b>Groundwater Monitoring Analytics</b>  <i>Moderator: Glenn Amey, Talen Energy</i>  <b>Post-closure - Responses in Groundwater and Chemistry.</b> Chris LaLonde, Risk Assessor, Stantec Consulting Services Inc.  <b>Demonstrating Closure Under the CCR Rule: Key Considerations for Groundwater.</b> Sarah Holmstrom, National CCR Program Co-Lead and Darby Litz, Senior Program Manager, TRC Environmental Corporation  <b>Digital Transformation in Groundwater Corrective Action: Optimizing Treatment Through Advanced Data Analytics.</b> Shannon Zahuranec, Senior Geochemist and Tom Meuzelaar, Principal Consultant, Life Cycle Geo	<b>Session 5B</b> <b>Closure Construction</b>  <i>Moderator: Susan Jackson, Haley &amp; Aldrich</i>  <b>Focused Constructability Review Process for Ash Pond Closure.</b> Jacob Gruzalski, Principal Geoscientist, Montrose Environmental  <b>Gypsum Stack Closure - Lessons Learned and Future Use.</b> Nicholas Golden, Program Manager and Brooke Alison, Senior Engineer, CTI Associates; and Gabe Lang, Vice President of Utility/Power Market, Watershed Geo  <b>Cutoff Wall Design for Impoundment Closure.</b> John Klamut, Engineering Director and A. Edward Sciulli, Geology Director, GAI Consultants, Inc.
<b>9:30 – 10:00 AM</b>	<b>Break &amp; Exhibit Viewing</b>	
<b>10:00 – 11:30 AM</b>  <i>Track A - Emerson Burkhart A,B</i>  <i>Track B - Bellows Ballroom D,E,F</i>	<b>Session 6A</b> <b>Conceptual Models</b>  <i>Moderator: Michael Turnbow, TVA</i>  <b>Natural (Geogenic) Occurrence of Lithium in Groundwater from Shale Bedrock Underlying a CCR Disposal Facility.</b> Jason Stuckey, Managing Scientist, Anchor QEA  <b>A Sticky Conceptual Site Model for Lithium.</b> Alison O'Connor, Senior Lead Consultant, Ramboll  <b>Methods for Conducting a Monitored Natural Attenuation Evaluation of CCR Contaminants for Groundwater Remedy Assessment.</b> Matt Barickman, Geologist, HDR, Inc.	<b>Session 6B</b> <b>Special Applications</b>  <i>Moderator: Chris Livingston, Geosyntec</i>  <b>Closure By Removal Over the Ocean.</b> Paul Schmall, Vice President, Keller  <b>Case Study of Ash Pond Closure in Place Using In-Situ Soil Stabilization.</b> Jeffrey Miller, Senior Engineer/Program Manager, Haley & Aldrich and Jeff Loewe, Manager - Environmental Remediation, NiSource Corporate Service Company  <b>Benefits of Prescriptive Vegetation on Coal Combustion Residual Surfaces.</b> Chris Garaventa, Project Manager, and Gretchen Addington, Project Manager III, Civil & Environmental Consultants Inc.
<b>11:30 AM – 12:30 PM</b> <i>Bellows A,B,C</i>	<b>Lunch</b> Open to all Workshop Delegates	

12:30 PM	11 <sup>th</sup> Annual CCR Workshop Concludes
<div>Thursday, May 1, 2025</div>	
12:30 – 4:00 PM Emerson Burkhardt A,B	<p><b>USWAG Members-Only Session – Part 1</b>  <b>Ash Management &amp; Solid Waste Committee Meeting</b></p> <p>You must be a USWAG Member to Attend this session.</p> <p>Separate Registration Required for In-person Attendance.</p> <p>Remote access will be provided for this meeting of the Ash Management &amp; Solid Waste Committee. Email <a href="mailto:info@uswag.org">info@uswag.org</a> for assistance.</p> <p><b>USWAG Members-Only Session Content Note:</b> A separate detailed agenda and any materials used during the Members-Only Meeting will be available prior to the start of the meeting in a folder located in the Info Hub of USWAG’s website at this <a href="#">link</a>.</p> <p>Your USWAG User ID and Password Are Required to access these materials. Email <a href="mailto:info@uswag.org">info@uswag.org</a> for assistance.</p>
2:00- 2:30 PM	Break
2:30 – 4:00 PM Emerson Burkhardt A,B	<p><b>USWAG Members-Only Session – Part 2</b>  <b>Ash Management &amp; Solid Waste Committee Meeting</b></p> <p>You must be a USWAG Member to Attend this session.</p>