






USWAG CCR Workshop
 September 1-2, 2020
 Hilton Crystal City at National Airport
 Arlington, VA



Tuesday September 1, 2020	
7:00 am – 8:15 am	Registration & Continental Breakfast <i>Sponsored by</i> 
8:15 am – 8:30 am	Welcome & Opening Comments
8:30 am – 9:00 am	US EPA Speaker – CCR Management and Regulatory Development <i>Steven Cook, Deputy Assistant Administrator, OLEM</i> Confirmed
9:00 am – 9:30 am	CCR Rule Compliance – What Role Does Risk Management Play? <i>Christine Harris, HDR</i>
9:30 am – 10:00 am	Human Health and Ecological Risk Assessment at Coal Combustion Product Sites: Fit-for-Purpose Approaches <i>Ari Lewis, Andy Bittner, Gradient</i>
10:00 am – 10:30 am	BREAK <i>Co-Sponsored by</i>  Envirocon &  Stantec
10:30 am – 11:00 am	CCR Rule Public Meetings on your Corrective Measures Assessment – Planning is the Key <i>Lisa Bradley, Haley & Aldrich, Angelique Collier, AES</i>

11:00 am – 11:30 am	Analytical Laboratory Comparability – An Evaluation of Potential Impacts of Changing Providers <i>Jennifer Gable, Amanda Cover, Rock Vitale, Environmental Stds; Roy Quinn and Scott Turnbow, TVA</i>
11:30 am – 12:00 noon	Data Intelligence - How Big Data Analytics Can Increase Practitioners' Understanding of Coal Combustion Residual Sites <i>Nate Keller, Ramboll</i>
12:00 – 1:00 pm	LUNCH <i>Co-Sponsored by</i> 
1:00 pm – 1:30 pm	Approval of an Alternate Source Demonstration Under Oklahoma's State CCR Program <i>Allison Kreinberg, Geosyntec, Jill Parker-Witt, AEP</i>
1:30 pm – 2:00 pm	Approach to Preparing a Request for a Site-Specific Alternate Initiation of Closure Deadline <i>Gabriel Coriell, OVEC/IKEC, Jason Eichenberger, Burns & McDonnell</i>
2:00 pm – 2:30 pm	Case Study: High Resolution Site Characterization (HRSC) to Inform CCR Groundwater Remedial Design and Implementation <i>Lane Dorman, Ben Amos, Geosyntec; Lauren Petty, Southern Company</i>
2:30 pm – 3:00 pm	BREAK <i>Sponsored by</i> 
3:00 pm – 3:30 pm	Successful Reactive Media Studies for Removal of Boron, Arsenic, Cobalt, Lithium, and Molybdenum from Groundwater <i>Dimitri Vlassopoulos, Jim Redwine, Jessica Goin, and Masa Kanematsu, Anchor QEA</i>
3:30 pm – 4:00 pm	Arsenic Mobilization from Soil and Ash at a Coal Combustion Residuals Landfill by Leachate from an Adjacent Industrial/Commercial Solid Waste Landfill <i>Dimitri Vlassopoulos, Jessica Goin, Rob Howell, Kristi Mitchell, and Jim Redwine, Anchor QEA, LLC; and Lauren Petty, Southern Company Services</i>

4:00 pm – 4:30 pm	Closure By Removal: Groundwater Quality Observations and Considerations During Design <i>Richard Frappa, Michael Cummings, John Trast GEI</i>
5:00 pm – 6:30 pm	RECEPTION Co-Sponsored by  & 

Wednesday, September 3, 2020

7:30 am – 8:30 am	Continental Breakfast Sponsored by  & 
8:30 am – 9:00 am	A Tale of Two States: Case Studies of CCR Rule <i>Lisa Messinger, Dominion, Angela Casbon-Scheller, Vectren/Centerpoint, and John Priebe, AECOM</i>
9:00 am – 9:30 am	Novel Improvement of Fate and Transport Considerations at a Closing Inactive CCR Landfill utilizing Next Generation Sequencing (NGS) <i>JR Register, CMS and Andrea Rocha, Geosyntec</i>
9:30 am – 10:00 am	Hydrologic Modeling Associated with Permitting a CCR Landfill Expansion <i>Rick Buffalini and Thomas Walsh, CEC</i>
10:00 am – 10:30 am	BREAK Sponsored by 
10:30 am – 11:00 am	Underground Injection Well for Wastewater Management at Great River Energy's Coal Creek Station <i>Todd Strong, Golder, Shane Stockdill, GRE</i>
11:00 am – 11:30 am	Wastewater Management During Impoundment Dewatering: TVA's Allen Site as a Case Study <i>Matt Newhart, PE, Stantec Consulting Services, Inc. and Daniel Stephens, PE, Tennessee Valley Authority</i>
11:30 am – 12 :00 pm	A Case Study in Transitioning from Interim to Permanent Process Flow Treatment Systems at TVA Gallatin Fossil Plant <i>Griff Wyatt, AECOM and Jason Curtsinger, TVA</i>

12:00 pm – 1:00 pm	<p align="center">LUNCH <i>Sponsored by</i></p> 
1:00 pm – 1:30 pm	<p align="center">Coal Combustion Residual Structural Safety Program and Risk Management <i>Nick McClung, Patrick Kiser, TVA</i></p>
1:30 pm – 2:00 pm	<p align="center">The State of Practice: Real Time Pore Pressure Monitoring of Ash and Construction-Induced Responses <i>Paul Schmall, PhD, PE, Keller, Ryan Smith, PE Keller, Chris Hardin, PE, The CALM Initiative, Pierre Gouvin, GeoInstruments</i></p>
2:00 pm – 2:30 pm	<p align="center">Active Deep Drain as a Supplement to In-Place Consolidation and Closure of CCR Units <i>Karen Saucier, TRC</i></p>
2:30 pm – 3:00 pm	<p align="center">BREAK <i>Sponsored by</i></p> 
3:00 pm – 3:30 pm	<p align="center">Closure of CCR Impoundments: A Discussion of Construction Issues and Strategies from the Owner and Engineering Perspective <i>Matt Ballance, Vistra Energy and Nathan Higgerson, Geosyntec Consultants</i></p>
3:30 pm – 4:00 pm	<p align="center">Navigating the Permitting Process for CCR Impoundment Closures and Groundwater Monitoring Systems <i>Tom Karwoski, Eric Nelson, SCS</i></p>
4:00 pm – 4:30 pm	<p align="center">Riverbend CCR Pond Closure <i>Glen Amey, Charah</i></p>
4:30 pm	ADJOURNMENT

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