

WATER ENVIRONMENT FEDERATION



Be It Known by This Certificate That

«ATTENDEE NAME»

*Has Earned «Total_CEU» Continuing Education Units (CEUs) and
«Total_PDH» Professional Development Hours (PDHs) for
Participation in the workshop titled:*

Residuals and Biosolids Conference 2023

May 16-19, 2023

Charlotte, North Carolina, USA

A handwritten signature in black ink, appearing to read 'Walter T. Marlowe', written over a horizontal line.

Walter T. Marlowe, P.E. CAE
Executive Director

A handwritten signature in black ink, appearing to read 'Matthew Jones', written over a horizontal line.

Matthew Jones
CE Program Manager

Use Only If Applicable: WEF Provider #: _____ Course Approval #: _____ Operator/P.E. License #: _____

Continuing Education Transcript

Name: «First_Name» «Last_Name» WEF Membership #: «Member_Number»

License Information: «License_Number» State Approval:

Address: «Agency_1»
 «Address_1»
 «Address_2»
 «City», «State» «Zip_Code» «Country»

<u>Session</u>	<u>Dates</u>	<u>CEUs</u>	<u>PDHs</u>	<u>GCHs</u>
Workshop A: Dewatering Optimization: Practical Ways to Improve Performance	5/16/23	«RB-A»		
Workshop B: Accounting and Mitigating GHG Emissions from Biosolids using BEAM	5/16/23	«RB-B»		
Workshop C: Fundamentals of Anaerobic and Aerobic Digestion using Process Simulators	5/16/23	«RB-C»		
Workshop D: Delving into Digestion: Anaerobic Digestion Process, Design, and Operation	5/16/23	«RB-D»		
Workshop E: Emerging Contaminants and Pathogens: Recent Global Developments in Science, Treatment Technologies and Regulatory Landscape	5/16/23	«RB-E»		
OGS - Opening General Session	5-17-22			«RB-OGS»
Session 1: Impacts of Thermal Processes on PFAS - Updates from Water Research Foundation Projects	5-17-22		«RB01»	
Session 2: Today's Alchemy Miracle: How Hydrothermal Liquefaction turns Sludge into Diesel and Jet Fuel	5-17-22		«RB02»	
Session 3: Digestion Optimization and Troubleshooting	5-17-22		«RB03»	
Session 4: Process Case Studies in Dewatering	5-17-22		«RB04»	
Session 5: Regulatory and Market Trends in Land Application	5-17-22		«RB05»	
Session 6: Microplastics and other Emerging Contaminants	5-17-22		«RB06»	
Session 7: Intensifying Digestion	5-17-22		«RB07»	
Session 8: Dewatering and Polymer Optimization	5-17-22		«RB08»	
Technology Spotlight I	5-17-22			«RB-TS1»
Session 9: Biogas	5-18-22		«RB09»	
Session 10: PFAS Challenges and Treatment	5-18-22		«RB10»	
Session 11: Circular Water Economy	5-18-22		«RB11»	
Session 12: Innovative Processes in Anaerobic Digestion	5-18-22		«RB12»	
Session 13: Case Studies	5-18-22		«RB13»	
Session 14: Co-Digestion	5-18-22		«RB14»	
Session 15: New Research in Anaerobic Digestion	5-18-22		«RB15»	
Session 16: Advances and Innovations in Thermal Processes I	5-18-22		«RB16»	
Session 17: Regional Biosolids Session: What Do You Need to Know before Solidifying Your Plans?	5-18-22		«RB17»	
Technology Spotlight II	5-18-22			«RB-TS2»
Technology Spotlight III	5-18-22			«RB-TS3»
Session 18: Managing Biosolids in the Carolinas	5-19-22		«RB18»	
Session 19: Resource Recovery	5-19-22		«RB19»	
Session 20: Upgrading Biogas to RNG	5-19-22		«RB20»	
Session 21: Advances and Innovations in Thermal Processes II	5-19-22		«RB21»	
Session 22: Turning Waste Products into Premium Products	5-19-22		«RB22»	
Facility Tour: Charlotte Water's McAlpine Creek Water Facility Tour	5-19-22			«RB-FT1»
Total Credits:		«Total_CEU»	«Total_PDH»	«Total_GCH»

Total Participation Time: «Total_Hours» Hrs