

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|--|---|---|--------------------------|--------------|------------|
| ADU SARKODIE, KWABENA | Credits Requested: Wastewater | | Total Credits Earned | | 8.5 | 3.5 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:16 | 8/13/24 11:40 | 1:24 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:15 | 8/13/24 13:54 | 0:39 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:49 | 8/13/24 15:25 | 0:36 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 8:00 | 8/14/24 8:25 | 0:24 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:03 | 8/14/24 10:58 | 0:54 | | 1.0 |
| | Ethics in Engineering | 8/14/24 13:17 | 8/14/24 14:30 | 1:13 | | 1.0 |
| | Indiana Law and Statutes | 8/14/24 15:21 | 8/14/24 16:21 | 1:00 | | 1.0 |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:25 | 8/14/24 16:55 | 0:30 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:52 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:36 | 8/15/24 9:37 | 1:01 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:38 | 8/15/24 10:15 | 0:36 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:12 | 8/15/24 10:45 | 0:32 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:54 | 8/15/24 11:25 | 0:30 | | 0.5 |

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| | UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant | 8/15/24 11:20 | 8/15/24 11:57 | 0:36 | 0.5 | |
| Akers, Kenneth | Credits Requested: Wastewater | | | Total Credits Earned | 11.5 | 1.5 |
| | Welcome & Keynote Address | 8/13/24 7:50 | 8/13/24 9:00 | 1:09 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:31 | 8/13/24 11:40 | 1:09 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:16 | 8/13/24 13:54 | 0:38 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:49 | 8/13/24 15:25 | 0:36 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:52 | 8/14/24 8:21 | 0:28 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:25 | 8/14/24 9:00 | 0:35 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:03 | 8/14/24 10:35 | 0:31 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:27 | 8/14/24 11:05 | 0:38 | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:23 | 8/14/24 14:00 | 0:37 | 0.5 | |

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| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:02 | 8/14/24 14:30 | 0:28 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:13 | 8/14/24 15:55 | 0:42 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:51 | 8/15/24 8:30 | 0:39 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:37 | 1:05 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:19 | 8/15/24 10:45 | 0:25 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:57 | 8/15/24 11:25 | 0:28 | | 0.5 |
| | UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant | 8/15/24 11:23 | 8/15/24 11:57 | 0:34 | 0.5 | |
| Alberson, Branden | Credits Requested: Wastewater | | Total Credits Earned | | 5.0 | 1.5 |
| | Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks | 8/13/24 13:23 | 8/13/24 13:51 | 0:27 | | 0.5 |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:00 | 8/13/24 14:25 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:53 | 8/13/24 15:25 | 0:32 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:25 | 0:35 | | 0.5 |

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| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:51 | 8/14/24 8:21 | 0:29 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:26 | 8/14/24 9:00 | 0:34 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:24 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:04 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:27 | 8/14/24 11:05 | 0:38 | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:24 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:03 | 8/14/24 14:30 | 0:27 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:10 | 8/14/24 15:55 | 0:44 | | 0.5 |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| Albin, Steven | Credits Requested: Wastewater | | | Total Credits Earned | 6.0 | 1.5 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:36 | 8/13/24 11:40 | 1:04 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:54 | 0:31 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:25 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:56 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |

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| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:04 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:33 | 8/14/24 11:05 | 0:31 | 0.5 | |
| | Wastewater Challenge Demonstration | 8/14/24 16:29 | 8/14/24 16:55 | 0:25 | | 0.5 |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:56 | 8/15/24 8:30 | 0:34 | | 0.5 |
| | Emergency Preparedness and Procedures | 8/15/24 8:33 | 8/15/24 9:10 | 0:37 | | 0.5 |
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:16 | 8/15/24 10:45 | 0:28 | 0.5 | |
| Alexander, Andrea | Credits Requested: Wastewater | | Total Credits Earned | | 8.5 | 4.0 |
| | Welcome & Keynote Address | 8/13/24 8:03 | 8/13/24 9:00 | 0:56 | | 1.0 |
| | Operator Certification Update | 8/13/24 10:31 | 8/13/24 11:07 | 0:36 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:08 | 8/13/24 11:42 | 0:33 | | 0.5 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:21 | 8/13/24 13:55 | 0:33 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:25 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:54 | 8/13/24 15:25 | 0:30 | 0.5 | |
| | IDEM Update | 8/13/24 15:56 | 8/13/24 16:25 | 0:29 | | 0.5 |

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| ALSTON, TIM | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:31 | 8/13/24 16:58 | 0:26 | | 0.5 |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:59 | 8/14/24 8:25 | 0:25 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:25 | 8/14/24 9:00 | 0:35 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:03 | 8/14/24 10:35 | 0:31 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:30 | 8/14/24 11:05 | 0:35 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:31 | 8/14/24 13:58 | 0:26 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:23 | 8/14/24 16:13 | 0:50 | 1.0 | |
| | Transforming Compliance Using Collaborative Technology | 8/14/24 16:21 | 8/14/24 16:57 | 0:35 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 8:00 | 8/15/24 8:30 | 0:30 | 0.5 | |
| | Emergency Preparedness and Procedures | 8/15/24 8:34 | 8/15/24 9:10 | 0:36 | | 0.5 |
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:17 | 8/15/24 10:45 | 0:27 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:54 | 8/15/24 11:25 | 0:30 | | 0.5 |
| It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:29 | 8/15/24 11:55 | 0:25 | 0.5 | | |

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| | Credits Requested: Wastewater | | | Total Credits Earned | 5.0 | 3.5 |
| | Welcome & Keynote Address | 8/13/24 7:51 | 8/13/24 9:00 | 1:08 | | 1.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:40 | 8/13/24 11:10 | 0:29 | 0.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:05 | 8/13/24 11:47 | 0:41 | 0.5 | |
| | Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks | 8/13/24 13:31 | 8/13/24 13:57 | 0:25 | | 0.5 |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:49 | 8/13/24 15:25 | 0:36 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:30 | 8/14/24 11:05 | 0:34 | 0.5 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:33 | 8/14/24 14:00 | 0:26 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:16 | 8/14/24 15:55 | 0:38 | | 0.5 |
| | Wastewater Challenge Demonstration | 8/14/24 16:30 | 8/14/24 16:55 | 0:24 | | 0.5 |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:27 | 8/15/24 9:37 | 1:10 | 1.0 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:46 | 8/15/24 10:50 | 1:04 | | 1.0 |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:20 | 8/15/24 10:45 | 0:25 | 0.5 | |
| Ashack, Len | Credits Requested: Wastewater | | | Total Credits Earned | 5.5 | 0.5 |

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| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:29 | 8/13/24 11:40 | 1:11 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:16 | 8/13/24 13:55 | 0:38 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:25 | 0:35 | | 0.5 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:53 | 8/14/24 8:25 | 0:31 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:02 | 8/14/24 10:35 | 0:33 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:26 | 8/14/24 11:05 | 0:39 | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:23 | 8/14/24 14:00 | 0:37 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:54 | 8/14/24 13:58 | 0:03 | 0.0 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:01 | 8/14/24 14:30 | 0:29 | 0.5 | |
| Barlow, John | | | | | | |
| | Credits Requested: Wastewater | | | Total Credits Earned | 4.0 | 1.0 |
| | Operator Certification Update | 8/13/24 10:34 | 8/13/24 11:07 | 0:32 | | 0.5 |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:12 | 8/13/24 11:47 | 0:34 | 0.5 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:22 | 8/13/24 13:55 | 0:32 | 0.5 | |

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| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | | |
| | IDEM Update | 8/13/24 15:56 | 8/13/24 16:26 | 0:29 | | 0.5 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:25 | 0:28 | 0.5 | | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:30 | 8/14/24 9:00 | 0:30 | 0.5 | | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:34 | 8/14/24 10:00 | 0:25 | 0.5 | | |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:00 | 0:35 | 0.5 | | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | | |
| Beard, Michael | Credits Requested: Wastewater | | | | Total Credits Earned | 4.5 | 0.0 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:58 | 8/14/24 8:25 | 0:26 | 0.5 | | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:28 | 8/14/24 10:00 | 0:31 | 0.5 | | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:39 | 8/14/24 11:05 | 0:26 | 0.5 | | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:27 | 8/14/24 14:00 | 0:33 | 0.5 | | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:03 | 8/14/24 14:30 | 0:27 | 0.5 | | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:57 | 8/15/24 8:30 | 0:32 | 0.5 | | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:35 | 8/15/24 9:37 | 1:02 | 1.0 | | |

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| Beisiegel, Jamin | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 9.0 | 2.0 |
| | Operator Certification Update | 8/13/24 10:30 | 8/13/24 11:07 | 0:36 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:08 | 8/13/24 11:42 | 0:33 | | 0.5 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:17 | 8/13/24 13:55 | 0:37 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:54 | 8/13/24 15:25 | 0:31 | 0.5 | |
| | IDEM Update | 8/13/24 15:56 | 8/13/24 16:26 | 0:29 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 7:51 | 8/14/24 8:56 | 1:05 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:22 | 8/14/24 9:58 | 0:36 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:09 | 8/14/24 11:02 | 0:53 | 1.0 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:37 | 8/14/24 14:02 | 0:25 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:06 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:21 | 8/14/24 15:55 | 0:34 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:28 | 8/14/24 16:55 | 0:26 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 7:55 | 8/15/24 8:30 | 0:35 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:37 | 1:04 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:39 | 8/15/24 10:15 | 0:35 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:13 | 8/15/24 10:45 | 0:31 | 0.5 | |

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| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:31 | | 0.5 |
| Bigelow, Todd | Credits Requested: Wastewater | | Total Credits Earned | | 7.0 | 1.5 |
| | Welcome & Keynote Address | 8/13/24 7:59 | 8/13/24 9:00 | 1:00 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:31 | 8/13/24 11:40 | 1:09 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:16 | 8/13/24 13:55 | 0:39 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:36 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:26 | 0:35 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 7:52 | 8/14/24 8:56 | 1:04 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:23 | 8/14/24 9:58 | 0:35 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:01 | 8/14/24 10:55 | 0:54 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:16 | 8/14/24 13:58 | 0:42 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:13 | 0:59 | 1.0 | |
| Bishir, Jerry | Credits Requested: Wastewater | | Total Credits Earned | | 9.5 | 4.5 |
| | Welcome & Keynote Address | 8/13/24 7:50 | 8/13/24 9:00 | 1:09 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:04 | 0:53 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:37 | 8/13/24 11:40 | 1:03 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:27 | 8/13/24 13:55 | 0:27 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|--|---|---|--------------------------|--------------|------------|
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:55 | 8/13/24 15:25 | 0:30 | 0.5 | |
| | The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon | 8/13/24 15:56 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:54 | 8/14/24 8:25 | 0:31 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:27 | 8/14/24 10:00 | 0:33 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:05 | 8/14/24 10:58 | 0:53 | | 1.0 |
| | 21ST Century FOG Management | 8/14/24 13:23 | 8/14/24 13:58 | 0:35 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:03 | 8/14/24 14:30 | 0:27 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:30 | 8/14/24 16:56 | 0:25 | 0.5 | |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:54 | 8/15/24 8:30 | 0:36 | | 0.5 |
| | Emergency Preparedness and Procedures | 8/15/24 8:30 | 8/15/24 9:10 | 0:39 | | 0.5 |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:32 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------------------|--|---|---|--------------------------|--------------|------------|
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:44 | 8/15/24 10:15 | 0:30 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:11 | 8/15/24 10:45 | 0:33 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:57 | 8/15/24 11:25 | 0:27 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Boone, Daniel | Credits Requested: Wastewater | | Total Credits Earned | | 6.0 | 1.0 |
| | Welcome & Keynote Address | 8/13/24 7:55 | 8/13/24 9:00 | 1:04 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:30 | 8/13/24 11:40 | 1:09 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:55 | 0:31 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:52 | 8/13/24 15:25 | 0:32 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:59 | 8/13/24 16:55 | 0:55 | 1.0 | |
| | Out In The Field Not In A Book | 8/14/24 7:53 | 8/14/24 8:56 | 1:03 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:28 | 8/14/24 9:58 | 0:30 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:05 | 8/14/24 11:02 | 0:57 | 1.0 | |
| Caldwell, Christian | Credits Requested: Wastewater | | Total Credits Earned | | 2.5 | 1.0 |
| | Welcome & Keynote Address | 8/13/24 8:01 | 8/13/24 9:00 | 0:58 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:36 | 8/13/24 11:40 | 1:04 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:30 | 8/13/24 13:55 | 0:25 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------|---|---|---|-----------------------------|--------------|------------|
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures | 8/13/24 14:55 | 8/13/24 15:25 | 0:29 | 0.5 | |
| Calhoun, Travis | Credits Requested: Wastewater | | | Total Credits Earned | 6.0 | 4.0 |
| | Welcome & Keynote Address | 8/13/24 8:05 | 8/13/24 9:00 | 0:54 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:42 | 8/13/24 11:40 | 0:57 | 1.0 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:01 | 8/13/24 14:28 | 0:26 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:58 | 8/13/24 15:25 | 0:27 | 0.5 | |
| | SRF Basics | 8/13/24 16:00 | 8/13/24 16:29 | 0:29 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:26 | 8/13/24 17:00 | 0:34 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 7:53 | 8/14/24 9:00 | 1:07 | 1.0 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:36 | 8/14/24 14:30 | 0:54 | | 1.0 |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:22 | 8/14/24 15:55 | 0:32 | | 0.5 |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:58 | 8/14/24 16:25 | 0:27 | | 0.5 |
| | Tips for Labs that you may not know | 8/15/24 8:01 | 8/15/24 8:30 | 0:29 | 0.5 | |
| | Flexing Your Procurement Muscle | 8/15/24 9:10 | 8/15/24 9:37 | 0:26 | 0.5 | |
| | Basics of pH | 8/15/24 9:50 | 8/15/24 10:15 | 0:25 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
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| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:22 | 8/15/24 10:50 | 0:27 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:56 | 8/15/24 11:55 | 0:58 | 1.0 | |
| Capo, Robert | Credits Requested: Wastewater | Total Credits Earned | | | 1.5 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 8:05 | 8/13/24 9:00 | 0:54 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:37 | 8/13/24 11:40 | 1:03 | 1.0 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:58 | 8/13/24 15:25 | 0:27 | 0.5 | |
| | IDEM Update | 8/13/24 15:53 | 8/13/24 16:26 | 0:32 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:31 | 8/13/24 17:00 | 0:29 | | 0.5 |
| | Credits Requested: Wastewater | Total Credits Earned | | | 6.0 | 1.5 |
| Carl, David | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:36 | 8/13/24 11:40 | 1:04 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:55 | 0:32 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:56 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:04 | 8/14/24 10:35 | 0:30 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|-----------------|---|---|---|--------------------------|--------------|------------|------------|
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:33 | 8/14/24 11:05 | 0:31 | 0.5 | | |
| | Wastewater Challenge Demonstration | 8/14/24 16:29 | 8/14/24 16:55 | 0:25 | | 0.5 | |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:56 | 8/15/24 8:30 | 0:34 | | 0.5 | |
| | Emergency Preparedness and Procedures | 8/15/24 8:32 | 8/15/24 9:10 | 0:37 | | 0.5 | |
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:16 | 8/15/24 10:45 | 0:28 | 0.5 | | |
| Castle, Earnest | Credits Requested: Wastewater | Total Credits Earned | | | 5.0 | 2.0 | |
| | Welcome & Keynote Address | 8/13/24 8:08 | 8/13/24 9:00 | 0:51 | | 1.0 | |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:34 | 8/13/24 11:40 | 1:05 | 1.0 | | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:19 | 8/13/24 13:55 | 0:36 | 0.5 | | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 15:01 | 8/13/24 15:25 | 0:23 | 0.5 | | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:05 | 8/14/24 10:59 | 0:53 | | 1.0 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:06 | 8/14/24 14:32 | 0:25 | 0.5 | | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 16:01 | 8/14/24 16:26 | 0:25 | 0.5 | | |
| | Ultra-Low Phosphorus Limits | 8/15/24 8:00 | 8/15/24 8:30 | 0:30 | 0.5 | | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:38 | 8/15/24 9:05 | 0:26 | 0.5 | | |
| | Flexing Your Procurement Muscle | 8/15/24 9:10 | 8/15/24 9:37 | 0:26 | 0.5 | | |
| | Basics of pH | 8/15/24 9:48 | 8/15/24 10:15 | 0:27 | 0.5 | | |
| | Corsaro, Kevin | Credits Requested: Wastewater | Total Credits Earned | | | 9.0 | 4.0 |
| | | Welcome & Keynote Address | 8/13/24 7:58 | 8/13/24 9:00 | 1:01 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
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| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:04 | 0:53 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:34 | 8/13/24 11:41 | 1:06 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:15 | 8/13/24 13:55 | 0:40 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:36 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:30 | 8/14/24 9:00 | 0:30 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:03 | 8/14/24 10:59 | 0:55 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:00 | 0:35 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Wastewater Challenge Demonstration | 8/14/24 16:28 | 8/14/24 16:55 | 0:26 | | 0.5 |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:56 | 8/15/24 8:30 | 0:34 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:37 | 1:05 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:19 | 8/15/24 10:45 | 0:26 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
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| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:31 | | 0.5 |
| | UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant | 8/15/24 11:31 | 8/15/24 11:57 | 0:25 | 0.5 | |
| Corsaro, Pete | Credits Requested: Wastewater | | Total Credits Earned | | 7.5 | 2.5 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:04 | 0:53 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:34 | 8/13/24 11:41 | 1:06 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:55 | 0:32 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:25 | 0:29 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:02 | 8/14/24 10:59 | 0:56 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:00 | 0:34 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:56 | 8/15/24 8:30 | 0:33 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:37 | 1:04 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:10 | 8/15/24 10:45 | 0:35 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
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| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:54 | 8/15/24 11:25 | 0:31 | | 0.5 |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:21 | 8/15/24 11:55 | 0:33 | 0.5 | |
| Crawford, Tim | Credits Requested: Wastewater | Total Credits Earned | | | 5.5 | 2.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:32 | 8/13/24 11:41 | 1:08 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:15 | 8/13/24 13:56 | 0:40 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon | 8/13/24 15:57 | 8/13/24 16:55 | 0:57 | 1.0 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:35 | 8/14/24 9:00 | 0:24 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:03 | 8/14/24 10:59 | 0:56 | | 1.0 |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:04 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:29 | 8/14/24 14:30 | 1:01 | | 1.0 |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:39 | 8/15/24 9:37 | 0:58 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:37 | 8/15/24 10:15 | 0:37 | 0.5 | |
| | Curtis, Mark | Credits Requested: Wastewater | Total Credits Earned | | | 6.5 |
| Welcome & Keynote Address | | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| Conversion of an underutilized combined sewer to a storm sewer | | 8/13/24 10:44 | 8/13/24 11:10 | 0:25 | 0.5 | |

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| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:10 | 8/13/24 11:47 | 0:36 | 0.5 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:24 | 8/13/24 13:55 | 0:30 | 0.5 | |
| | Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis | 8/13/24 14:02 | 8/13/24 14:28 | 0:26 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 7:51 | 8/14/24 8:56 | 1:04 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:25 | 8/14/24 9:59 | 0:33 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:01 | 8/14/24 10:55 | 0:53 | 1.0 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:13 | 8/14/24 16:13 | 1:00 | 1.0 | |
| | Transforming Compliance Using Collaborative Technology | 8/14/24 16:21 | 8/14/24 16:57 | 0:36 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:13 | 8/15/24 10:45 | 0:32 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:56 | 8/15/24 11:25 | 0:28 | | 0.5 |
| | Dailey, Kurtis | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | 3.5 | 2.0 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:17 | 8/13/24 13:55 | 0:37 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:25 | 0:26 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:52 | 8/13/24 15:25 | 0:32 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|---|---|---|--------------------------|--------------|------------|
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:26 | 0:35 | | 0.5 |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:51 | 8/14/24 8:21 | 0:30 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:26 | 8/14/24 9:00 | 0:34 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:54 | | 1.0 |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:10 | 8/14/24 15:55 | 0:44 | | 0.5 |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| Davis, Carmen | Credits Requested: Wastewater | | Total Credits Earned | | 4.5 | 0.0 |
| | Out In The Field Not In A Book | 8/14/24 7:58 | 8/14/24 8:56 | 0:58 | 1.0 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:33 | 8/14/24 10:00 | 0:27 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:04 | 8/14/24 10:55 | 0:50 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:23 | 8/14/24 13:58 | 0:35 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:14 | 0:59 | 1.0 | |
| Davison, Brian | Credits Requested: Wastewater | | Total Credits Earned | | 5.5 | 6.0 |
| | Welcome & Keynote Address | 8/13/24 7:48 | 8/13/24 9:00 | 1:11 | | 1.0 |
| | Operator Certification Update | 8/13/24 10:39 | 8/13/24 11:07 | 0:27 | | 0.5 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:20 | 8/13/24 13:55 | 0:34 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------------|---|---|---|-----------------------------|--------------|------------|
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:58 | 8/13/24 14:25 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:57 | 8/13/24 15:25 | 0:28 | 0.5 | |
| | IDEM Update | 8/13/24 15:56 | 8/13/24 16:26 | 0:29 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 7:59 | 8/14/24 9:00 | 1:00 | 1.0 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:05 | 8/14/24 10:59 | 0:53 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:24 | 8/14/24 14:00 | 0:35 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:16 | 8/14/24 15:55 | 0:38 | | 0.5 |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:56 | 8/14/24 16:25 | 0:29 | | 0.5 |
| | Leading Change | 8/14/24 16:30 | 8/14/24 16:58 | 0:28 | | 0.5 |
| | Ultra-Low Phosphorus Limits | 8/15/24 8:00 | 8/15/24 8:30 | 0:29 | 0.5 | |
| | Emergency Preparedness and Procedures | 8/15/24 8:38 | 8/15/24 9:10 | 0:31 | | 0.5 |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:44 | 8/15/24 10:50 | 1:06 | | 1.0 |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:00 | 8/15/24 11:55 | 0:55 | 1.0 | |
| DeWitt, Brian | Credits Requested: Wastewater | | | Total Credits Earned | 7.5 | 1.5 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:29 | 8/13/24 11:40 | 1:11 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------------|--|---|---|--------------------------|--------------|------------|
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:22 | 8/13/24 13:55 | 0:32 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:25 | 0:26 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:53 | 8/13/24 15:25 | 0:32 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:26 | 0:36 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 7:51 | 8/14/24 8:56 | 1:05 | 1.0 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:21 | 8/14/24 10:30 | 1:09 | | 1.0 |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:14 | 1:00 | 1.0 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:52 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:05 | 0:33 | 0.5 | |
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Keeping pace with current dynamic state of UV disinfection. An overview of different style UV systems, and what are the drivers when picking between technologies. | 8/15/24 10:22 | 8/15/24 11:30 | 1:07 | 1.0 | |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:21 | 8/15/24 11:55 | 0:33 | 0.5 | |
| Dezelan, Nicholas | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | 3.5 | 2.0 | |
| | Operator Certification Update | 8/13/24 10:36 | 8/13/24 11:07 | 0:30 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:09 | 8/13/24 11:42 | 0:32 | | 0.5 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:35 | 8/13/24 14:00 | 0:24 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|-----------------------|--|---|---|--------------------------|-----------------------------|------------|------------|
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 15:00 | 8/13/24 15:26 | 0:25 | 0.5 | | |
| | Mastering the Art of Master Planning | 8/14/24 8:16 | 8/14/24 9:00 | 0:44 | 0.5 | | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:31 | 8/14/24 10:00 | 0:29 | 0.5 | | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:54 | | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:27 | 8/14/24 13:59 | 0:31 | 0.5 | | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:20 | 8/14/24 15:50 | 0:30 | 0.5 | | |
| Dickey, Darrin | Credits Requested: Drinking Water, Wastewater | | | | Total Credits Earned | 1.5 | 0.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:36 | 8/13/24 11:41 | 1:04 | 1.0 | | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:56 | 0:32 | 0.5 | | |
| Doub, Bret | Credits Requested: Wastewater | | | | Total Credits Earned | 6.5 | 3.0 |
| | Welcome & Keynote Address | 8/13/24 7:54 | 8/13/24 9:00 | 1:05 | | 1.0 | |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:04 | 0:53 | | 1.0 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 15:02 | 8/13/24 15:25 | 0:23 | 0.5 | | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:55 | 8/13/24 16:55 | 0:59 | 1.0 | | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:52 | 8/14/24 8:22 | 0:29 | 0.5 | | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:28 | 8/14/24 9:00 | 0:32 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------|--|---|---|-----------------------------|--------------|------------|
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:33 | 8/14/24 10:00 | 0:26 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:29 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:26 | 8/14/24 11:05 | 0:39 | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:23 | 8/14/24 14:00 | 0:37 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:03 | 8/14/24 14:30 | 0:26 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:12 | 8/14/24 15:55 | 0:42 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 16:14 | 8/14/24 16:26 | 0:11 | 0.0 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:23 | 8/14/24 16:55 | 0:32 | 0.5 | |
| | Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility | 8/15/24 7:58 | 8/15/24 8:30 | 0:32 | | 0.5 |
| | Emergency Preparedness and Procedures | 8/15/24 8:32 | 8/15/24 9:10 | 0:37 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:06 | 8/15/24 9:37 | 0:30 | 0.5 | |
| Downey, David Adam | Credits Requested: Wastewater | | | Total Credits Earned | 6.0 | 1.5 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:34 | 8/13/24 11:40 | 1:05 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:23 | 8/13/24 13:55 | 0:31 | 0.5 | |
| | | | | | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------|---|---|---|-----------------------------|--------------|------------|
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:25 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:58 | 8/13/24 15:25 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:59 | 8/13/24 15:26 | 0:26 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:24 | 8/14/24 9:00 | 0:36 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:27 | 8/14/24 10:00 | 0:33 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:17 | 8/14/24 13:59 | 0:41 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:16 | 8/14/24 15:55 | 0:39 | 0.5 | |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:58 | 8/14/24 16:25 | 0:27 | | 0.5 |
| | Wastewater Challenge Demonstration | 8/14/24 16:30 | 8/14/24 16:55 | 0:24 | | 0.5 |
| | Tips for Labs that you may not know | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:32 | 8/15/24 9:00 | 0:28 | | 0.5 |
| Ewers, Cody | | | | | | |
| | Credits Requested: Wastewater | | | Total Credits Earned | 2.0 | 3.0 |
| | Welcome & Keynote Address | 8/13/24 7:59 | 8/13/24 9:00 | 1:00 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:11 | 1:00 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:39 | 8/13/24 11:40 | 1:00 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------|---|---|---|-----------------------------|--------------|------------|
| | Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks | 8/13/24 13:30 | 8/13/24 13:57 | 0:27 | | 0.5 |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:31 | 8/13/24 16:58 | 0:27 | | 0.5 |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| Fahel, Anthony | Credits Requested: Wastewater | | | Total Credits Earned | 10.0 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 7:51 | 8/13/24 9:00 | 1:08 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:32 | 8/13/24 11:40 | 1:07 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:19 | 8/13/24 13:55 | 0:36 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:03 | 8/13/24 14:28 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:59 | 8/13/24 15:26 | 0:26 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:57 | 8/13/24 16:55 | 0:57 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:59 | 8/14/24 8:25 | 0:25 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:30 | 8/14/24 9:00 | 0:29 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:29 | 8/14/24 10:00 | 0:31 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:23 | 8/14/24 13:59 | 0:35 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|--|---|---|--------------------------|--------------|------------|
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:16 | 8/14/24 16:14 | 0:57 | 1.0 | |
| | Tips for Labs that you may not know | 8/15/24 7:54 | 8/15/24 8:30 | 0:36 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:35 | 8/15/24 9:00 | 0:25 | | 0.5 |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:10 | 8/15/24 9:40 | 0:30 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:44 | 8/15/24 10:15 | 0:30 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:19 | 8/15/24 10:45 | 0:26 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:59 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:28 | 8/15/24 11:55 | 0:26 | 0.5 | |
| Ferguson, Nick | Credits Requested: Wastewater | | Total Credits Earned | | 5.5 | 2.5 |
| | Welcome & Keynote Address | 8/13/24 8:08 | 8/13/24 9:00 | 0:51 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:34 | 8/13/24 11:40 | 1:06 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:28 | 8/13/24 13:55 | 0:27 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Grit Happens: Conquering Startup Challenges during a WWTP Upgrade | 8/13/24 14:59 | 8/13/24 15:26 | 0:26 | | 0.5 |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:57 | 8/13/24 16:55 | 0:57 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------------|--|---|---|--------------------------|--------------|------------|
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:31 | 8/14/24 10:00 | 0:29 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:05 | 8/14/24 10:59 | 0:53 | | 1.0 |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:24 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:19 | 8/14/24 16:14 | 0:54 | 1.0 | |
| Fish, Jeffrey | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 2.0 | 6.5 |
| | Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks | 8/13/24 13:24 | 8/13/24 13:52 | 0:28 | | 0.5 |
| | Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis | 8/13/24 13:58 | 8/13/24 14:29 | 0:31 | | 0.5 |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:58 | 8/13/24 15:25 | 0:27 | 0.5 | |
| | IDEM Update | 8/13/24 15:53 | 8/13/24 16:26 | 0:33 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:30 | 8/13/24 16:56 | 0:25 | | 0.5 |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:32 | 8/14/24 14:30 | 0:57 | | 1.0 |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:23 | 8/14/24 15:55 | 0:31 | | 0.5 |
| | Leading Change | 8/14/24 16:31 | 8/14/24 16:58 | 0:27 | | 0.5 |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 16:00 | 8/14/24 16:25 | 0:25 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------------|--|---|---|--------------------------|--------------|------------|
| | Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility | 8/15/24 8:05 | 8/15/24 8:30 | 0:25 | | 0.5 |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:37 | 8/15/24 9:05 | 0:27 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:07 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:38 | 8/15/24 10:50 | 1:11 | | 1.0 |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 11:00 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:29 | 8/15/24 11:55 | 0:26 | 0.5 | |
| Fisher, Vanessa | Credits Requested: Wastewater | | Total Credits Earned | | 11.5 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 7:57 | 8/13/24 9:00 | 1:02 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:37 | 8/13/24 11:41 | 1:03 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:22 | 8/13/24 13:56 | 0:33 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:24 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:37 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:51 | 8/13/24 16:55 | 1:03 | 1.0 | |
| | Out In The Field Not In A Book | 8/14/24 7:51 | 8/14/24 8:56 | 1:05 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:21 | 8/14/24 9:59 | 0:37 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:01 | 8/14/24 10:55 | 0:54 | 1.0 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:24 | 8/14/24 14:00 | 0:35 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------------|--|---|---|--------------------------|--------------|------------|
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:16 | 8/14/24 15:50 | 0:34 | 0.5 | |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:55 | 8/14/24 16:25 | 0:29 | | 0.5 |
| | Wastewater Challenge Demonstration | 8/14/24 16:28 | 8/14/24 16:55 | 0:27 | | 0.5 |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:53 | 8/15/24 8:30 | 0:36 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:37 | 1:05 | 1.0 | |
| | Optimizing Blower Filtration for Reliability, efficiency, and Value | 8/15/24 9:09 | 8/15/24 10:15 | 1:06 | 1.0 | |
| | Keeping pace with current dynamic state of UV disinfection. An overview of different style UV systems, and what are the drivers when picking between technologies. | 8/15/24 10:12 | 8/15/24 11:30 | 1:17 | 1.0 | |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Fix, Bradley | Credits Requested: Wastewater | | Total Credits Earned | | 6.0 | 4.0 |
| | Welcome & Keynote Address | 8/13/24 8:07 | 8/13/24 9:00 | 0:52 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:04 | 0:53 | | 1.0 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:12 | 8/13/24 11:42 | 0:29 | | 0.5 |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:56 | 0:32 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:25 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:55 | 8/13/24 15:25 | 0:29 | 0.5 | |
| | IDEM Update | 8/13/24 15:52 | 8/13/24 16:26 | 0:34 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------|---|---|---|--------------------------|--------------|------------|
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:28 | 8/13/24 16:56 | 0:27 | | 0.5 |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 8:04 | 8/14/24 8:30 | 0:25 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:24 | 8/14/24 9:00 | 0:36 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:28 | 8/14/24 10:00 | 0:31 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:02 | 8/14/24 10:35 | 0:32 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:26 | 8/14/24 11:05 | 0:38 | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:24 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:02 | 8/14/24 14:30 | 0:28 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:15 | 8/14/24 15:55 | 0:40 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Leading Change | 8/14/24 16:28 | 8/14/24 16:58 | 0:29 | | 0.5 |
| Flanagan, Daniel | Credits Requested: Wastewater | | Total Credits Earned | | 6.5 | 4.0 |
| | Welcome & Keynote Address | 8/13/24 7:58 | 8/13/24 9:00 | 1:01 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:40 | 8/13/24 11:41 | 1:01 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:29 | 8/13/24 13:55 | 0:26 | 0.5 | |
| | | | | | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-------------------------|---|---|---|--------------------------|--------------|------------|
| | Regional Stormwater Detention Basins – Treating urban runoff outside your project | 8/13/24 14:03 | 8/13/24 14:32 | 0:29 | | 0.5 |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:58 | 8/13/24 15:25 | 0:27 | 0.5 | |
| | SRF Basics | 8/13/24 15:58 | 8/13/24 16:29 | 0:31 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:29 | 8/13/24 16:56 | 0:27 | | 0.5 |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:33 | 8/14/24 10:00 | 0:27 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:55 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:31 | 8/14/24 14:00 | 0:29 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:23 | 8/14/24 15:50 | 0:27 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | | 0.5 |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:34 | 8/15/24 9:37 | 1:03 | 1.0 | |
| FLETCHER, DURWIN | Credits Requested: Wastewater | | Total Credits Earned | | 9.5 | 2.5 |
| | Welcome & Keynote Address | 8/13/24 8:02 | 8/13/24 9:00 | 0:57 | | 1.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:31 | 8/13/24 11:10 | 0:38 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|--|---|---|--------------------------|--------------|------------|
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:12 | 8/13/24 11:47 | 0:35 | 0.5 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:56 | 0:33 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:26 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 15:06 | 8/13/24 15:25 | 0:19 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 16:00 | 8/13/24 16:55 | 0:54 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:25 | 0:28 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:34 | 8/14/24 10:00 | 0:26 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:54 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:32 | 8/14/24 14:00 | 0:28 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:16 | 8/14/24 15:55 | 0:38 | | 0.5 |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:58 | 8/14/24 16:26 | 0:27 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:28 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:54 | 8/15/24 8:30 | 0:35 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:37 | 1:05 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------------------------|---|---|---|--------------------------|--------------|------------|
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:12 | 8/15/24 10:45 | 0:33 | 0.5 | |
| Fletcher, Jim | Credits Requested: Wastewater | Total Credits Earned | | | 9.5 | 0.5 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:30 | 8/13/24 11:10 | 0:39 | 0.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:08 | 8/13/24 11:47 | 0:39 | 0.5 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:14 | 8/13/24 13:55 | 0:40 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:25 | 0:26 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:53 | 8/13/24 15:26 | 0:32 | 0.5 | |
| | Out In The Field Not In A Book | 8/14/24 8:00 | 8/14/24 8:56 | 0:56 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:23 | 8/14/24 9:59 | 0:35 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:01 | 8/14/24 10:55 | 0:54 | 1.0 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:00 | 0:34 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:05 | 8/14/24 14:30 | 0:25 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 7:54 | 8/15/24 8:30 | 0:36 | 0.5 | |
| | Emergency Preparedness and Procedures | 8/15/24 8:33 | 8/15/24 9:10 | 0:37 | | 0.5 |
| Flexing Your Procurement Muscle | 8/15/24 9:07 | 8/15/24 9:37 | 0:30 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------|--|---|---|-----------------------------|--------------|------------|
| | Basics of pH | 8/15/24 9:43 | 8/15/24 10:15 | 0:32 | 0.5 | |
| | A case for better lab results | 8/15/24 10:17 | 8/15/24 10:47 | 0:29 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:56 | 8/15/24 11:55 | 0:58 | 1.0 | |
| Foo, Erika | Credits Requested: Wastewater | | | Total Credits Earned | 5.5 | 5.0 |
| | Welcome & Keynote Address | 8/13/24 7:59 | 8/13/24 9:00 | 1:00 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:39 | 8/13/24 11:40 | 1:00 | 1.0 | |
| | Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks | 8/13/24 13:20 | 8/13/24 13:52 | 0:31 | | 0.5 |
| | Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis | 8/13/24 14:04 | 8/13/24 14:29 | 0:25 | | 0.5 |
| | Grit Happens: Conquering Startup Challenges during a WWTP Upgrade | 8/13/24 14:56 | 8/13/24 15:26 | 0:29 | | 0.5 |
| | SRF Basics | 8/13/24 15:58 | 8/13/24 16:29 | 0:31 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:29 | 8/13/24 16:56 | 0:26 | | 0.5 |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:36 | 8/14/24 10:05 | 0:28 | 0.5 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:28 | 8/14/24 14:00 | 0:31 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:06 | 8/14/24 14:35 | 0:28 | 0.5 | |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 16:00 | 8/14/24 16:25 | 0:25 | | 0.5 |
| | Leading Change | 8/14/24 16:29 | 8/14/24 16:58 | 0:29 | | 0.5 |
| | Tips for Labs that you may not know | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:35 | 8/15/24 9:00 | 0:25 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|--|--|---|---|--------------------------|--------------|------------|------------|
| | Flexing Your Procurement Muscle | 8/15/24 9:09 | 8/15/24 9:37 | 0:28 | 0.5 | | |
| | Basics of pH | 8/15/24 9:46 | 8/15/24 10:15 | 0:28 | 0.5 | | |
| | A case for better lab results | 8/15/24 10:19 | 8/15/24 10:47 | 0:27 | 0.5 | | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:57 | 8/15/24 11:55 | 0:58 | 1.0 | | |
| Furiak, Andrea | Credits Requested: Wastewater | Total Credits Earned | | | 3.0 | 1.5 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:25 | 8/13/24 13:56 | 0:31 | 0.5 | | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:26 | 0:25 | 0.5 | | |
| | Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures | 8/13/24 14:57 | 8/13/24 15:25 | 0:28 | 0.5 | | |
| | IDEM Update | 8/13/24 15:56 | 8/13/24 16:26 | 0:30 | | 0.5 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:25 | 8/14/24 9:59 | 0:33 | 0.5 | | |
| | Challenges In The Field | 8/14/24 10:03 | 8/14/24 10:55 | 0:52 | 1.0 | | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:25 | 8/14/24 14:30 | 1:05 | | 1.0 | |
| | Gaff, Jeffrey | Credits Requested: Wastewater | Total Credits Earned | | | 2.5 | 0.0 |
| | | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:19 | 8/13/24 13:55 | 0:35 | 0.5 | |
| Energy Efficient Retrofits of Oxidation ditches | | 8/14/24 7:51 | 8/14/24 8:25 | 0:34 | 0.5 | | |
| WWTP Non-Potable Water Systems – The Neglected Plant Process | | 8/14/24 9:30 | 8/14/24 10:00 | 0:30 | 0.5 | | |
| 50 Years Later and SND Still Works | | 8/14/24 13:27 | 8/14/24 14:00 | 0:33 | 0.5 | | |
| Adaptive mixing and process optimization with energy savings | | 8/14/24 15:16 | 8/14/24 15:50 | 0:34 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------|---|---|---|-----------------------------|--------------|------------|
| Garner, Matthew | Credits Requested: Wastewater | | | Total Credits Earned | 4.5 | 0.0 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:58 | 8/14/24 8:25 | 0:26 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:28 | 8/14/24 10:00 | 0:31 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:39 | 8/14/24 11:05 | 0:26 | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:27 | 8/14/24 14:00 | 0:32 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:03 | 8/14/24 14:30 | 0:27 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:56 | 8/15/24 8:30 | 0:33 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:35 | 8/15/24 9:37 | 1:02 | 1.0 | |
| Gomez, Kenneth | Credits Requested: Wastewater | | | Total Credits Earned | 5.0 | 6.0 |
| | Welcome & Keynote Address | 8/13/24 7:51 | 8/13/24 9:00 | 1:08 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:11 | 1:00 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:35 | 8/13/24 11:40 | 1:05 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:21 | 8/13/24 13:55 | 0:34 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:26 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:54 | 8/13/24 15:26 | 0:31 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------|---|---|---|--------------------------|--------------|------------|
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:59 | 8/14/24 8:25 | 0:26 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:28 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:32 | 8/14/24 10:30 | 0:57 | | 1.0 |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:35 | 8/14/24 11:03 | 0:27 | | 0.5 |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:25 | 8/14/24 14:30 | 1:04 | | 1.0 |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:19 | 8/14/24 15:50 | 0:31 | 0.5 | |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:58 | 8/15/24 8:30 | 0:32 | | 0.5 |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:34 | 8/15/24 9:37 | 1:03 | 1.0 | |
| | City of Kalamazoo’s Holistic Approach to Selecting New Process Technologies | 8/15/24 9:43 | 8/15/24 10:50 | 1:07 | | 1.0 |
| Gonzalez, Omar | Credits Requested: Wastewater | Total Credits Earned | | | 7.5 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 7:56 | 8/13/24 9:00 | 1:03 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:29 | 8/13/24 11:40 | 1:11 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:15 | 8/13/24 13:55 | 0:40 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:26 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:53 | 8/13/24 15:26 | 0:32 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:02 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------|--|---|---|-----------------------------|--------------|------------|
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:54 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:35 | 8/14/24 14:00 | 0:25 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 7:54 | 8/15/24 8:30 | 0:36 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:38 | 1:05 | 1.0 | |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:21 | 8/15/24 11:55 | 0:33 | 0.5 | |
| Graham, John | Credits Requested: Wastewater | | | Total Credits Earned | 7.0 | 0.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:30 | 8/13/24 11:10 | 0:39 | 0.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:12 | 8/13/24 11:47 | 0:35 | 0.5 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:15 | 8/13/24 13:55 | 0:40 | 0.5 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:50 | 8/14/24 8:25 | 0:35 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:22 | 8/14/24 9:59 | 0:36 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:01 | 8/14/24 10:56 | 0:54 | 1.0 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:24 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:59 | 8/15/24 8:30 | 0:30 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------|---|---|---|-----------------------------|--------------|------------|
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:34 | 8/15/24 9:38 | 1:03 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:38 | 8/15/24 10:15 | 0:36 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:10 | 8/15/24 10:45 | 0:35 | 0.5 | |
| Gray, Adam | Credits Requested: Wastewater | | | Total Credits Earned | 5.0 | 6.0 |
| | Welcome & Keynote Address | 8/13/24 7:51 | 8/13/24 9:00 | 1:08 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:11 | 1:01 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:32 | 8/13/24 11:40 | 1:07 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:21 | 8/13/24 13:55 | 0:34 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:26 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:52 | 8/13/24 15:26 | 0:34 | 0.5 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:59 | 8/14/24 8:25 | 0:26 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:27 | 8/14/24 9:00 | 0:33 | 0.5 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:28 | 8/14/24 10:30 | 1:01 | | 1.0 |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:35 | 8/14/24 11:03 | 0:27 | | 0.5 |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:25 | 8/14/24 14:30 | 1:04 | | 1.0 |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------|---|---|---|-----------------------------|--------------|------------|
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:58 | 8/15/24 8:30 | 0:32 | | 0.5 |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:34 | 8/15/24 9:38 | 1:03 | 1.0 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:43 | 8/15/24 10:50 | 1:07 | | 1.0 |
| Griffin, Jeffery | Credits Requested: Wastewater | | | Total Credits Earned | 6.0 | 1.5 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:27 | 8/13/24 11:41 | 1:13 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:56 | 0:33 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:30 | 0:29 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:56 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:33 | 8/14/24 11:05 | 0:31 | 0.5 | |
| | Wastewater Challenge Demonstration | 8/14/24 16:29 | 8/14/24 16:55 | 0:25 | | 0.5 |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:56 | 8/15/24 8:30 | 0:34 | | 0.5 |
| | Emergency Preparedness and Procedures | 8/15/24 8:32 | 8/15/24 9:10 | 0:37 | | 0.5 |
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|--------------------|--|---|---|--------------------------|-----------------------------|------------|------------|
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:16 | 8/15/24 10:45 | 0:29 | 0.5 | | |
| Groeneweg, Ben | Credits Requested: Drinking Water, Wastewater | | | | Total Credits Earned | 4.0 | 1.5 |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:58 | 8/13/24 15:25 | 0:27 | 0.5 | | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:20 | 8/14/24 10:30 | 1:09 | | 1.0 | |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:30 | 8/14/24 11:03 | 0:32 | | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:24 | 8/14/24 14:00 | 0:36 | 0.5 | | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:02 | 8/14/24 14:30 | 0:27 | 0.5 | | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:16 | 8/14/24 15:55 | 0:38 | 0.5 | | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | | |
| Grossmann, Lindsay | Credits Requested: Wastewater | | | | Total Credits Earned | 7.0 | 5.0 |
| | Welcome & Keynote Address | 8/13/24 7:48 | 8/13/24 9:00 | 1:11 | | 1.0 | |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:12 | 1:01 | | 1.0 | |
| | Operator Certification Update | 8/13/24 10:40 | 8/13/24 11:07 | 0:26 | | 0.5 | |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:07 | 8/13/24 11:42 | 0:34 | | 0.5 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:23 | 8/13/24 13:55 | 0:32 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------------|--|---|---|-----------------------------|--------------|------------|
| | Regional Stormwater Detention Basins – Treating urban runoff outside your project | 8/13/24 14:03 | 8/13/24 14:32 | 0:28 | | 0.5 |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | |
| | Out In The Field Not In A Book | 8/14/24 8:00 | 8/14/24 8:56 | 0:56 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:30 | 8/14/24 9:59 | 0:28 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:03 | 8/14/24 10:56 | 0:52 | 1.0 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:33 | 8/14/24 14:30 | 0:57 | | 1.0 |
| | Tips for Labs that you may not know | 8/15/24 8:00 | 8/15/24 8:30 | 0:30 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:35 | 8/15/24 9:01 | 0:25 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:09 | 8/15/24 9:37 | 0:27 | 0.5 | |
| | Basics of pH | 8/15/24 9:43 | 8/15/24 10:15 | 0:32 | 0.5 | |
| | A case for better lab results | 8/15/24 10:15 | 8/15/24 10:47 | 0:31 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:56 | 8/15/24 11:55 | 0:59 | 1.0 | |
| Haecker, Joe | Credits Requested: Wastewater | | | Total Credits Earned | 6.0 | 1.0 |
| | Welcome & Keynote Address | 8/13/24 7:55 | 8/13/24 9:00 | 1:04 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:30 | 8/13/24 11:40 | 1:09 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:56 | 0:33 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:01 | 8/13/24 14:26 | 0:24 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:52 | 8/13/24 15:26 | 0:33 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------|--|---|---|-----------------------------|--------------|------------|
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:59 | 8/13/24 16:55 | 0:55 | 1.0 | |
| | Out In The Field Not In A Book | 8/14/24 7:53 | 8/14/24 8:56 | 1:03 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:28 | 8/14/24 9:59 | 0:31 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:05 | 8/14/24 11:02 | 0:57 | 1.0 | |
| Hale, Eugene | Credits Requested: Wastewater | | | Total Credits Earned | 7.5 | 2.5 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:12 | 1:01 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:34 | 8/13/24 11:41 | 1:06 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:19 | 8/13/24 13:56 | 0:37 | 0.5 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:25 | 0:29 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:02 | 8/14/24 10:59 | 0:56 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:00 | 0:35 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:58 | 8/15/24 8:30 | 0:32 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:33 | 8/15/24 9:38 | 1:04 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:42 | 8/15/24 10:15 | 0:32 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|----------------------|--|---|---|--------------------------|-----------------------------|-------------|------------|
| | Keeping pace with current dynamic state of UV disinfection. An overview of different style UV systems, and what are the drivers when picking between technologies. | 8/15/24 10:12 | 8/15/24 11:30 | 1:17 | 1.0 | | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 11:00 | 8/15/24 11:25 | 0:25 | | 0.5 | |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | | |
| Hall, Bradley | Credits Requested: Wastewater | | | | Total Credits Earned | 12.5 | 1.0 |
| | Welcome & Keynote Address | 8/13/24 7:48 | 8/13/24 9:00 | 1:11 | | 1.0 | |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:36 | 8/13/24 11:41 | 1:04 | 1.0 | | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:30 | 8/13/24 13:56 | 0:26 | 0.5 | | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:01 | 8/13/24 14:26 | 0:24 | 0.5 | | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:54 | 8/13/24 15:25 | 0:31 | 0.5 | | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:02 | 1.0 | | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:58 | 8/14/24 8:25 | 0:26 | 0.5 | | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:26 | 8/14/24 9:00 | 0:33 | 0.5 | | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:31 | 8/14/24 10:00 | 0:28 | 0.5 | | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:33 | 8/14/24 9:59 | 0:26 | 0.5 | | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:30 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|---|---|---|--------------------------|--------------|------------|
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:26 | 8/14/24 11:05 | 0:39 | 0.5 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:28 | 8/14/24 14:00 | 0:32 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:19 | 8/14/24 16:14 | 0:55 | 1.0 | |
| | Transforming Compliance Using Collaborative Technology | 8/14/24 16:25 | 8/14/24 16:57 | 0:32 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:56 | 8/15/24 8:30 | 0:33 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:33 | 8/15/24 9:38 | 1:05 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:16 | 8/15/24 10:45 | 0:29 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:02 | 8/15/24 11:55 | 0:53 | 1.0 | |
| Harrison, Christopher | Credits Requested: Wastewater | | Total Credits Earned | | 1.5 | 1.5 |
| | Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis | 8/13/24 13:30 | 8/13/24 14:00 | 0:30 | | 0.5 |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:58 | 8/13/24 14:25 | 0:27 | 0.5 | |
| | SRF Basics | 8/13/24 16:00 | 8/13/24 16:29 | 0:28 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------|--|---|---|--------------------------|--------------|------------|
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:26 | 8/13/24 17:00 | 0:34 | | 0.5 |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:57 | 8/14/24 16:26 | 0:28 | 0.5 | |
| Henderson, David | Credits Requested: Wastewater | Total Credits Earned | | | 6.5 | 2.5 |
| | Welcome & Keynote Address | 8/13/24 7:45 | 8/13/24 9:00 | 1:14 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:30 | 8/13/24 11:40 | 1:09 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:15 | 8/13/24 13:56 | 0:40 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:24 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:54 | 8/13/24 15:26 | 0:32 | 0.5 | |
| | The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:51 | 8/14/24 8:22 | 0:31 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:07 | 8/14/24 10:59 | 0:52 | | 1.0 |
| | 21ST Century FOG Management | 8/14/24 13:26 | 8/14/24 13:59 | 0:33 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:16 | 8/14/24 15:55 | 0:38 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:55 | 8/14/24 16:26 | 0:30 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---|---|---|---|-----------------------------|--------------|------------|
| Hendricks, Michael | Leading Change | 8/14/24 16:30 | 8/14/24 16:58 | 0:27 | | 0.5 |
| | Credits Requested: Wastewater | | Total Credits Earned | | 4.0 | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:31 | 8/13/24 11:40 | 1:09 | 1.0 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:01 | 8/13/24 14:28 | 0:26 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:57 | 8/13/24 15:26 | 0:28 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:56 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:35 | 8/14/24 9:00 | 0:25 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:03 | 8/14/24 10:59 | 0:55 | | 1.0 |
| | Hendrickson, Donald | Credits Requested: Wastewater | | Total Credits Earned | | 6.0 |
| Welcome & Keynote Address | | 8/13/24 7:46 | 8/13/24 9:00 | 1:13 | | 1.0 |
| Biosolids: Fail to Plan; Plan to Fail | | 8/13/24 10:42 | 8/13/24 11:40 | 0:58 | 1.0 | |
| PFAS Regulations Impact on the Future of Land Application | | 8/13/24 13:31 | 8/13/24 14:00 | 0:28 | 0.5 | |
| Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | | 8/13/24 13:59 | 8/13/24 14:26 | 0:26 | 0.5 | |
| Total Nitrogen Treatment – What is Required vs. What is Realistic | | 8/13/24 15:00 | 8/13/24 15:26 | 0:26 | 0.5 | |
| IDEM Update | | 8/13/24 15:59 | 8/13/24 16:26 | 0:27 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------------|---|---|---|--------------------------|--------------|------------|
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:28 | 8/13/24 17:00 | 0:32 | | 0.5 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:57 | 8/14/24 8:25 | 0:28 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:26 | 8/14/24 9:00 | 0:33 | 0.5 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:32 | 8/14/24 9:59 | 0:26 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:02 | 8/14/24 11:02 | 1:00 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:37 | 8/14/24 14:02 | 0:25 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:34 | 8/14/24 16:14 | 0:40 | 0.5 | |
| Hobson, Todd | Credits Requested: Wastewater | | Total Credits Earned | | 9.0 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:35 | 8/13/24 11:40 | 1:05 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:16 | 8/13/24 13:57 | 0:40 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:58 | 8/13/24 14:26 | 0:27 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:55 | 8/13/24 15:25 | 0:29 | 0.5 | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 8:02 | 8/14/24 8:30 | 0:27 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:33 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:03 | 8/14/24 10:59 | 0:56 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------|--|---|---|-----------------------------|--------------|------------|
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:23 | 8/14/24 14:00 | 0:37 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:01 | 8/14/24 14:30 | 0:29 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:15 | 8/14/24 16:14 | 0:59 | 1.0 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:53 | 8/15/24 8:30 | 0:36 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:05 | 0:33 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:37 | 8/15/24 10:15 | 0:37 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:11 | 8/15/24 10:45 | 0:34 | 0.5 | |
| Hollinden, Greg E. | Credits Requested: Drinking Water, Wastewater | | | Total Credits Earned | 6.0 | 0.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:39 | 8/13/24 11:40 | 1:01 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:35 | 8/13/24 14:00 | 0:25 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:24 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:30 | 8/14/24 9:00 | 0:30 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:34 | 8/14/24 10:00 | 0:25 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:29 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------------|---|---|---|-----------------------------|--------------|------------|
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:27 | 8/14/24 11:05 | 0:38 | 0.5 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:32 | 8/14/24 14:01 | 0:28 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:03 | 8/14/24 14:30 | 0:27 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:46 | 8/15/24 10:15 | 0:28 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:10 | 8/15/24 10:46 | 0:35 | 0.5 | |
| Howell, Patrick | | | | | | |
| | Credits Requested: Wastewater | | | Total Credits Earned | 8.5 | 3.0 |
| | Welcome & Keynote Address | 8/13/24 8:05 | 8/13/24 9:00 | 0:54 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:27 | 8/13/24 11:41 | 1:14 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:15 | 8/13/24 13:57 | 0:41 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:37 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:52 | 8/14/24 8:25 | 0:32 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:29 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:54 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------|---|---|---|-----------------------------|--------------|------------|
| | 50 Years Later and SND Still Works | 8/14/24 13:26 | 8/14/24 14:01 | 0:35 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:06 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:59 | 8/14/24 16:25 | 0:25 | | 0.5 |
| | Wastewater Challenge Demonstration | 8/14/24 16:28 | 8/14/24 16:55 | 0:26 | | 0.5 |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:48 | 8/15/24 8:30 | 0:41 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:38 | 1:06 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:40 | 8/15/24 10:15 | 0:34 | 0.5 | |
| Hudson, Daniel | Credits Requested: Wastewater, PDHs | | | Total Credits Earned | 7.5 | 5.5 |
| | Welcome & Keynote Address | 8/13/24 7:51 | 8/13/24 9:00 | 1:08 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:12 | 1:01 | | 1.0 |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:30 | 8/13/24 13:57 | 0:26 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:51 | 8/13/24 15:25 | 0:33 | 0.5 | |
| | The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesy and carbon | 8/13/24 15:57 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 8:00 | 8/14/24 8:25 | 0:25 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:35 | 8/14/24 9:00 | 0:24 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:26 | 8/14/24 10:00 | 0:33 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------------|--|---|---|-----------------------------|--------------|------------|
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:03 | 8/14/24 10:59 | 0:56 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:01 | 0:35 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Indiana Law and Statutes | 8/14/24 15:17 | 8/14/24 16:21 | 1:04 | | 1.0 |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:24 | 8/14/24 16:55 | 0:31 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:58 | 8/15/24 8:30 | 0:31 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:33 | 8/15/24 9:38 | 1:05 | 1.0 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:38 | 8/15/24 10:50 | 1:12 | | 1.0 |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:52 | 8/15/24 11:25 | 0:33 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:30 | 8/15/24 11:55 | 0:25 | 0.5 | |
| Humerickhouse, Allen | Credits Requested: Wastewater | | | Total Credits Earned | 4.0 | 2.0 |
| | Operator Certification Update | 8/13/24 10:36 | 8/13/24 11:06 | 0:30 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:09 | 8/13/24 11:42 | 0:32 | | 0.5 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:34 | 8/13/24 14:00 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 15:00 | 8/13/24 15:26 | 0:26 | 0.5 | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:58 | 8/14/24 8:25 | 0:26 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:29 | 8/14/24 9:00 | 0:30 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:31 | 8/14/24 10:00 | 0:29 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-------------------------|--|---|---|--------------------------|--------------|------------|
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:55 | | 1.0 |
| | 21ST Century FOG Management | 8/14/24 13:27 | 8/14/24 13:59 | 0:31 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:20 | 8/14/24 15:50 | 0:30 | 0.5 | |
| Hunsucker, Scott | Credits Requested: Wastewater | | Total Credits Earned | 10.5 | 2.5 | |
| | Welcome & Keynote Address | 8/13/24 7:51 | 8/13/24 9:00 | 1:08 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:29 | 8/13/24 11:40 | 1:11 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:15 | 8/13/24 13:56 | 0:40 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:37 | 0.5 | |
| | The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:49 | 8/14/24 8:25 | 0:35 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:54 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:24 | 8/14/24 14:01 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:13 | 8/14/24 15:55 | 0:42 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|----------------------|--|---|---|--------------------------|-----------------------------|------------|------------|
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:28 | 0.5 | | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:38 | 1:05 | 1.0 | | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:41 | 8/15/24 10:15 | 0:33 | 0.5 | | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:10 | 8/15/24 10:46 | 0:35 | 0.5 | | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:31 | | 0.5 | |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:20 | 8/15/24 11:55 | 0:35 | 0.5 | | |
| Huskey, Logan | Credits Requested: Wastewater | | | | Total Credits Earned | 6.0 | 3.0 |
| | Welcome & Keynote Address | 8/13/24 7:46 | 8/13/24 9:00 | 1:13 | | 1.0 | |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:12 | 1:01 | | 1.0 | |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:34 | 8/13/24 11:41 | 1:07 | 1.0 | | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:19 | 8/13/24 13:57 | 0:37 | 0.5 | | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:51 | 8/14/24 8:22 | 0:31 | 0.5 | | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------|---|---|---|-----------------------------|--------------|------------|
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:02 | 8/14/24 10:59 | 0:56 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:01 | 0:35 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:37 | 8/15/24 10:15 | 0:37 | 0.5 | |
| Hutson, Karrie | Credits Requested: Wastewater | | | Total Credits Earned | 10.5 | 1.5 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:30 | 8/13/24 11:41 | 1:10 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:16 | 8/13/24 13:56 | 0:39 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:58 | 8/13/24 14:26 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:57 | 8/13/24 15:26 | 0:28 | 0.5 | |
| | IDEM Update | 8/13/24 15:55 | 8/13/24 16:26 | 0:31 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:30 | 8/13/24 16:56 | 0:26 | | 0.5 |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:53 | 8/14/24 8:22 | 0:28 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:29 | 8/14/24 9:00 | 0:30 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:34 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------------|---|---|---|--------------------------|--------------|------------|
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:03 | 8/14/24 10:35 | 0:31 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:26 | 8/14/24 11:05 | 0:39 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:16 | 8/14/24 13:59 | 0:43 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:15 | 8/14/24 16:14 | 0:59 | 1.0 | |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:28 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:50 | 8/15/24 8:30 | 0:39 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:38 | 1:06 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:09 | 8/15/24 10:46 | 0:36 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:32 | | 0.5 |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Huwe, Patrick | Credits Requested: Wastewater | | | | 5.5 | 7.0 |
| | Welcome & Keynote Address | 8/13/24 8:06 | 8/13/24 9:00 | 0:53 | | 1.0 |
| | Operator Certification Update | 8/13/24 10:30 | 8/13/24 11:06 | 0:36 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:08 | 8/13/24 11:42 | 0:33 | | 0.5 |
| | Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks | 8/13/24 13:30 | 8/13/24 13:57 | 0:26 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|--|---|---|--------------------------|--------------|------------|
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:53 | 8/13/24 15:26 | 0:33 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:26 | 0:36 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:31 | 8/13/24 16:56 | 0:25 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 8:08 | 8/14/24 9:00 | 0:52 | 1.0 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:20 | 8/14/24 10:30 | 1:09 | | 1.0 |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:37 | 8/14/24 11:03 | 0:25 | | 0.5 |
| | Ethics in Engineering | 8/14/24 13:24 | 8/14/24 14:30 | 1:06 | | 1.0 |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:13 | 8/14/24 15:55 | 0:42 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:30 | 8/14/24 16:58 | 0:27 | 0.5 | |
| | Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility | 8/15/24 8:05 | 8/15/24 8:30 | 0:25 | | 0.5 |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:39 | 8/15/24 9:05 | 0:26 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:07 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:37 | 8/15/24 10:15 | 0:37 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:55 | 8/15/24 11:25 | 0:29 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------|---|---|---|-----------------------------|--------------|------------|
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:29 | 8/15/24 11:55 | 0:26 | 0.5 | |
| Hyden, Larry | Credits Requested: Wastewater | | | Total Credits Earned | 7.5 | 2.5 |
| | Welcome & Keynote Address | 8/13/24 7:48 | 8/13/24 9:00 | 1:11 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:34 | 8/13/24 11:41 | 1:07 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:26 | 8/13/24 13:57 | 0:31 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 8:00 | 8/14/24 8:25 | 0:25 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:31 | 8/14/24 9:00 | 0:29 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:04 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:35 | 8/14/24 11:05 | 0:30 | 0.5 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:32 | 8/14/24 14:01 | 0:29 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:02 | 8/14/24 14:30 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 8:02 | 8/15/24 8:30 | 0:27 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:38 | 8/15/24 9:38 | 0:59 | 1.0 | |
| | City of Kalamazoo’s Holistic Approach to Selecting New Process Technologies | 8/15/24 9:44 | 8/15/24 10:50 | 1:06 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|--|---|---|--------------------------|--------------|------------|
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 11:00 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:30 | 8/15/24 11:55 | 0:25 | 0.5 | |
| JACKSON, JERRY | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 8.0 | 2.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:34 | 8/13/24 11:41 | 1:06 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:31 | 8/13/24 14:00 | 0:28 | 0.5 | |
| | Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis | 8/13/24 13:58 | 8/13/24 14:29 | 0:30 | | 0.5 |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:57 | 8/13/24 15:26 | 0:29 | 0.5 | |
| | Out In The Field Not In A Book | 8/14/24 8:02 | 8/14/24 8:57 | 0:54 | 1.0 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:26 | 8/14/24 10:00 | 0:33 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:32 | 8/14/24 14:00 | 0:27 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:00 | 8/14/24 14:30 | 0:29 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:20 | 8/14/24 15:55 | 0:35 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:36 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------|---|---|---|--------------------------|--------------|------------|
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:38 | 1:06 | 1.0 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:38 | 8/15/24 10:50 | 1:12 | | 1.0 |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 11:00 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant | 8/15/24 11:22 | 8/15/24 11:57 | 0:35 | 0.5 | |
| Jones, Kendra | Credits Requested: Wastewater | | Total Credits Earned | | 2.0 | 0.0 |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:30 | 8/13/24 13:57 | 0:26 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:58 | 8/13/24 14:26 | 0:27 | 0.5 | |
| | Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures | 8/13/24 15:10 | 8/13/24 15:25 | 0:15 | 0.0 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 16:00 | 8/13/24 16:55 | 0:54 | 1.0 | |
| | Credits Requested: Wastewater | | Total Credits Earned | | 5.5 | 3.5 |
| Kennedy, Chris | Welcome & Keynote Address | 8/13/24 8:03 | 8/13/24 9:00 | 0:56 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:35 | 8/13/24 11:41 | 1:05 | 1.0 | |
| | Mastering the Art of Master Planning | 8/14/24 8:00 | 8/14/24 9:00 | 1:00 | 1.0 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:34 | 8/14/24 10:00 | 0:26 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------|--|---|---|--------------------------|--------------|------------|
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:06 | 8/14/24 10:59 | 0:53 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:26 | 8/14/24 14:01 | 0:34 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:18 | 8/14/24 15:50 | 0:32 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:34 | 8/15/24 9:05 | 0:31 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:09 | 8/15/24 9:40 | 0:30 | 0.5 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:38 | 8/15/24 10:50 | 1:11 | | 1.0 |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 11:00 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:30 | 8/15/24 11:58 | 0:27 | 0.5 | |
| Kerezman, James | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 9.0 | 1.0 |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:25 | 8/13/24 13:58 | 0:32 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:54 | 8/13/24 15:26 | 0:31 | 0.5 | |
| | IDEM Update | 8/13/24 15:54 | 8/13/24 16:27 | 0:32 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:31 | 8/13/24 17:00 | 0:29 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 8:02 | 8/14/24 8:57 | 0:55 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-------------|--|---|---|--------------------------|--------------|------------|
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:30 | 8/14/24 10:00 | 0:29 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:06 | 8/14/24 10:35 | 0:29 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:08 | 8/14/24 11:02 | 0:54 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:27 | 8/14/24 13:59 | 0:31 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:06 | 8/14/24 14:35 | 0:28 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:24 | 8/14/24 16:14 | 0:50 | 1.0 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:28 | 8/14/24 16:55 | 0:26 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:05 | 0:33 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:12 | 8/15/24 9:40 | 0:27 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:45 | 8/15/24 10:15 | 0:29 | 0.5 | |
| | A case for better lab results | 8/15/24 10:19 | 8/15/24 10:47 | 0:27 | 0.5 | |
| Kern, Shaun | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 8.0 | 2.5 |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:14 | 8/13/24 11:47 | 0:33 | 0.5 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:16 | 8/13/24 13:56 | 0:39 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 15:05 | 8/13/24 15:25 | 0:20 | 0.5 | |
| | IDEM Update | 8/13/24 15:52 | 8/13/24 16:27 | 0:34 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 8:08 | 8/14/24 9:00 | 0:52 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|--|---|---|-----------------------------|--------------|------------|
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:36 | 8/14/24 10:30 | 0:53 | | 1.0 |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:35 | 8/14/24 11:03 | 0:28 | | 0.5 |
| | 21ST Century FOG Management | 8/14/24 13:20 | 8/14/24 13:59 | 0:39 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:06 | 8/14/24 14:35 | 0:28 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 16:01 | 8/14/24 16:26 | 0:25 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:30 | 8/14/24 16:58 | 0:27 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 7:55 | 8/15/24 8:30 | 0:35 | 0.5 | |
| | Emergency Preparedness and Procedures | 8/15/24 8:36 | 8/15/24 9:10 | 0:33 | | 0.5 |
| | Optimizing Blower Filtration for Reliability, efficiency, and Value | 8/15/24 9:10 | 8/15/24 10:15 | 1:05 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:45 | 8/15/24 10:15 | 0:29 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:00 | 8/15/24 11:55 | 0:55 | 1.0 | |
| | Kirklin, Pam | Credits Requested: Wastewater | | Total Credits Earned | | 3.5 |
| | Welcome & Keynote Address | 8/13/24 7:53 | 8/13/24 9:00 | 1:06 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:12 | 1:01 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:41 | 8/13/24 11:41 | 0:59 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:28 | 8/13/24 13:56 | 0:28 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|---------------------------|---|---|---|--------------------------|-----------------------------|------------|------------|
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:26 | 0:26 | 0.5 | | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:59 | 8/13/24 15:26 | 0:27 | 0.5 | | |
| | The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon | 8/13/24 15:56 | 8/13/24 16:55 | 0:59 | 1.0 | | |
| Kleinsmith, Jordan | Credits Requested: Wastewater | | | | Total Credits Earned | 8.5 | 3.5 |
| | Welcome & Keynote Address | 8/13/24 8:05 | 8/13/24 9:00 | 0:54 | | 1.0 | |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:12 | 1:01 | | 1.0 | |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:29 | 8/13/24 11:41 | 1:11 | 1.0 | | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:23 | 8/13/24 13:56 | 0:33 | 0.5 | | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:26 | 0:26 | 0.5 | | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:55 | 8/13/24 15:26 | 0:30 | 0.5 | | |
| | Mastering the Art of Master Planning | 8/14/24 7:54 | 8/14/24 9:00 | 1:06 | 1.0 | | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:30 | 8/14/24 10:00 | 0:29 | 0.5 | | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 10:59 | 0:55 | | 1.0 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:33 | 8/14/24 14:01 | 0:28 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------|---|---|---|--------------------------|--------------|------------|
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:56 | 8/15/24 8:30 | 0:33 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:34 | 8/15/24 9:38 | 1:04 | 1.0 | |
| | Flexing Your Procurement Muscle | 8/15/24 9:07 | 8/15/24 9:37 | 0:30 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:47 | 8/15/24 10:15 | 0:27 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:09 | 8/15/24 10:46 | 0:36 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:59 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Kongar, Terry | Credits Requested: Wastewater | | Total Credits Earned | | 5.5 | 1.0 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:17 | 8/13/24 13:56 | 0:38 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:26 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:53 | 8/13/24 15:26 | 0:33 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:27 | 0:36 | | 0.5 |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:51 | 8/14/24 8:22 | 0:31 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:26 | 8/14/24 9:00 | 0:34 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:24 | 8/14/24 10:00 | 0:35 | 0.5 | |

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|-----------|---|---|---|-----------------------------|--------------|------------|
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:06 | 8/14/24 10:35 | 0:29 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:27 | 8/14/24 11:05 | 0:38 | 0.5 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:24 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:02 | 8/14/24 14:30 | 0:27 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:10 | 8/14/24 15:55 | 0:44 | | 0.5 |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Krotke, Jeffery | | | | | |
| | Credits Requested: Wastewater | | | Total Credits Earned | 1.5 | 4.0 |
| | Welcome & Keynote Address | 8/13/24 8:00 | 8/13/24 9:00 | 0:59 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:29 | 8/13/24 11:41 | 1:12 | 1.0 | |
| | Grit Happens: Conquering Startup Challenges during a WWTP Upgrade | 8/13/24 15:01 | 8/13/24 15:26 | 0:25 | | 0.5 |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:30 | 8/14/24 10:00 | 0:29 | 0.5 | |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 16:00 | 8/14/24 16:25 | 0:25 | | 0.5 |
| | Wastewater Challenge Demonstration | 8/14/24 16:28 | 8/14/24 16:55 | 0:27 | | 0.5 |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 8:04 | 8/15/24 8:30 | 0:26 | | 0.5 |
| | Emergency Preparedness and Procedures | 8/15/24 8:30 | 8/15/24 9:10 | 0:39 | | 0.5 |

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| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:52 | 8/15/24 11:25 | 0:33 | | 0.5 |
| Lohmoeller, Jeff | Credits Requested: Wastewater | | | Total Credits Earned | 9.0 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:35 | 8/13/24 11:41 | 1:05 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:17 | 8/13/24 13:58 | 0:41 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:58 | 8/13/24 14:26 | 0:27 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:55 | 8/13/24 15:25 | 0:29 | 0.5 | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 8:02 | 8/14/24 8:30 | 0:27 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:03 | 8/14/24 10:59 | 0:56 | | 1.0 |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:23 | 8/14/24 14:00 | 0:37 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:00 | 8/14/24 14:30 | 0:29 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:15 | 8/14/24 16:14 | 0:59 | 1.0 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |

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|----------------------------|---|---|---|--------------------------|-----------------------------|------------|------------|
| | Ultra-Low Phosphorus Limits | 8/15/24 7:53 | 8/15/24 8:30 | 0:36 | 0.5 | | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:05 | 0:33 | 0.5 | | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:32 | 0.5 | | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:37 | 8/15/24 10:15 | 0:37 | 0.5 | | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:11 | 8/15/24 10:46 | 0:35 | 0.5 | | |
| McIntosh, Joe | Credits Requested: Wastewater | | | | Total Credits Earned | 1.0 | 0.0 |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:56 | 8/13/24 15:25 | 0:29 | 0.5 | | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:18 | 8/14/24 15:55 | 0:36 | 0.5 | | |
| McLaughlin, Cameron | Credits Requested: Wastewater | | | | Total Credits Earned | 7.5 | 0.5 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:29 | 8/13/24 11:41 | 1:11 | 1.0 | | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:23 | 8/13/24 13:56 | 0:32 | 0.5 | | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:27 | 0:25 | 0.5 | | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:56 | 8/13/24 15:26 | 0:30 | 0.5 | | |
| | IDEM Update | 8/13/24 15:53 | 8/13/24 16:27 | 0:33 | | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:03 | 8/14/24 10:35 | 0:31 | 0.5 | | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:30 | 8/14/24 11:05 | 0:35 | 0.5 | | |
| | 21ST Century FOG Management | 8/14/24 13:24 | 8/14/24 13:59 | 0:34 | 0.5 | | |

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| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:16 | 8/14/24 16:14 | 0:58 | 1.0 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:29 | 8/15/24 9:05 | 0:36 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:10 | 8/15/24 9:40 | 0:30 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:42 | 8/15/24 10:15 | 0:32 | 0.5 | |
| Mendenhall, Cory | Credits Requested: Drinking Water, Wastewater | | | Total Credits Earned | 8.0 | 1.5 |
| | Operator Certification Update | 8/13/24 10:30 | 8/13/24 11:06 | 0:36 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:08 | 8/13/24 11:42 | 0:34 | | 0.5 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:17 | 8/13/24 13:56 | 0:39 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:28 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:53 | 8/13/24 15:26 | 0:33 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:27 | 0:36 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 7:51 | 8/14/24 8:57 | 1:06 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:22 | 8/14/24 9:59 | 0:37 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:03 | 8/14/24 10:57 | 0:53 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:16 | 8/14/24 13:59 | 0:43 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:14 | 1:00 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------|---|---|---|-----------------------------|--------------|------------|
| | Tips for Labs that you may not know | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:38 | 1:06 | 1.0 | |
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | |
| Murray, Chris | Credits Requested: Drinking Water, Wastewater | | | Total Credits Earned | 7.5 | 3.5 |
| | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:42 | 8/13/24 11:41 | 0:59 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:28 | 8/13/24 13:56 | 0:27 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:01 | 8/13/24 14:28 | 0:26 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:53 | 8/13/24 15:25 | 0:32 | 0.5 | |
| | SRF Basics | 8/13/24 16:00 | 8/13/24 16:29 | 0:29 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:26 | 8/13/24 17:00 | 0:34 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 7:51 | 8/14/24 9:00 | 1:09 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:28 | 8/14/24 9:59 | 0:31 | 0.5 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:26 | 8/14/24 14:30 | 1:03 | | 1.0 |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:18 | 8/14/24 15:55 | 0:37 | 0.5 | |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:56 | 8/14/24 16:25 | 0:28 | | 0.5 |
| | Tips for Labs that you may not know | 8/15/24 7:59 | 8/15/24 8:30 | 0:30 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:37 | 8/15/24 9:39 | 1:01 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|---------------|--|---|---|--------------------------|--------------|------------|------------|
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:12 | 8/15/24 10:46 | 0:33 | 0.5 | | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:03 | 8/15/24 11:55 | 0:52 | 1.0 | | |
| Musser, James | Credits Requested: Wastewater | Total Credits Earned | | | 6.0 | 3.0 | |
| | Welcome & Keynote Address | 8/13/24 7:47 | 8/13/24 9:00 | 1:12 | | 1.0 | |
| | Operator Certification Update | 8/13/24 10:37 | 8/13/24 11:06 | 0:29 | | 0.5 | |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:11 | 8/13/24 11:42 | 0:31 | | 0.5 | |
| | Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks | 8/13/24 13:26 | 8/13/24 13:57 | 0:31 | | 0.5 | |
| | Out In The Field Not In A Book | 8/14/24 8:01 | 8/14/24 8:57 | 0:55 | 1.0 | | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:30 | 8/14/24 10:00 | 0:29 | 0.5 | | |
| | Challenges In The Field | 8/14/24 10:05 | 8/14/24 10:57 | 0:51 | 1.0 | | |
| | 21ST Century FOG Management | 8/14/24 13:33 | 8/14/24 13:59 | 0:26 | 0.5 | | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:08 | 8/14/24 14:35 | 0:26 | 0.5 | | |
| | Tips for Labs that you may not know | 8/15/24 7:54 | 8/15/24 8:30 | 0:35 | 0.5 | | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:33 | 8/15/24 9:01 | 0:28 | | 0.5 | |
| | Flexing Your Procurement Muscle | 8/15/24 9:09 | 8/15/24 9:37 | 0:28 | 0.5 | | |
| | A case for better lab results | 8/15/24 10:20 | 8/15/24 10:47 | 0:26 | 0.5 | | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:59 | 8/15/24 11:55 | 0:55 | 1.0 | | |
| | Nevill, Tyler | Credits Requested: Drinking Water, Wastewater | Total Credits Earned | | | 1.5 | 2.5 |
| | | Operator Certification Update | 8/13/24 10:37 | 8/13/24 11:06 | 0:29 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------|--|---|---|-----------------------------|--------------|------------|
| | Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis | 8/13/24 13:27 | 8/13/24 14:01 | 0:34 | | 0.5 |
| | Regional Stormwater Detention Basins – Treating urban runoff outside your project | 8/13/24 14:05 | 8/13/24 14:32 | 0:26 | | 0.5 |
| | Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures | 8/13/24 14:53 | 8/13/24 15:26 | 0:32 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:27 | 0:36 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:31 | 8/13/24 16:56 | 0:25 | | 0.5 |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:24 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:04 | 8/14/24 10:35 | 0:30 | 0.5 | |
| Newman, Anna | Credits Requested: Wastewater | | | Total Credits Earned | 5.5 | 2.5 |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:35 | 8/14/24 9:00 | 0:25 | 0.5 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:28 | 8/14/24 9:59 | 0:30 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:04 | 8/14/24 11:02 | 0:57 | 1.0 | |
| | Ethics in Engineering | 8/14/24 13:13 | 8/14/24 14:30 | 1:17 | | 1.0 |
| | Indiana Law and Statutes | 8/14/24 15:07 | 8/14/24 16:22 | 1:14 | | 1.0 |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:30 | 8/14/24 16:56 | 0:25 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 7:59 | 8/15/24 8:30 | 0:31 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:34 | 8/15/24 9:01 | 0:27 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:11 | 8/15/24 9:37 | 0:26 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|---------------------|--|---|---|-----------------------------|-----------------------------|------------|------------|
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:44 | 8/15/24 10:15 | 0:30 | 0.5 | | |
| | A case for better lab results | 8/15/24 10:16 | 8/15/24 10:47 | 0:30 | 0.5 | | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:56 | 8/15/24 11:55 | 0:58 | 1.0 | | |
| Norton, Jill | Credits Requested: Wastewater | | | Total Credits Earned | 5.0 | 2.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:13 | 8/13/24 11:48 | 0:35 | 0.5 | | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:28 | 8/13/24 13:56 | 0:28 | 0.5 | | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:28 | 0:25 | 0.5 | | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 15:00 | 8/13/24 15:26 | 0:26 | 0.5 | | |
| | IDEM Update | 8/13/24 15:55 | 8/13/24 16:27 | 0:31 | | 0.5 | |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:31 | 8/13/24 16:56 | 0:25 | | 0.5 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:27 | 8/14/24 9:59 | 0:32 | 0.5 | | |
| | Challenges In The Field | 8/14/24 10:07 | 8/14/24 11:02 | 0:55 | 1.0 | | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:33 | 8/14/24 14:30 | 0:57 | | 1.0 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:21 | 8/14/24 15:55 | 0:33 | | 0.5 | |
| | A case for better lab results | 8/15/24 10:21 | 8/15/24 10:47 | 0:25 | 0.5 | | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:05 | 8/15/24 11:55 | 0:50 | 1.0 | | |
| | Nye, Mark | Credits Requested: Wastewater, PDHs | | | Total Credits Earned | 6.0 | 4.0 |
| | | Welcome & Keynote Address | 8/13/24 7:48 | 8/13/24 9:00 | 1:11 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--|---|---|---|--------------------------|-----------------------------|-------------|
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:14 | 1:03 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:37 | 8/13/24 11:41 | 1:03 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:23 | 8/13/24 13:56 | 0:32 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:00 | 8/13/24 14:28 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 15:00 | 8/13/24 15:26 | 0:26 | 0.5 | |
| | The Danish story of using low-hanging-fruit to reduce energy, carbon, and resources and carbon | 8/13/24 15:53 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:58 | 8/14/24 8:26 | 0:27 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:27 | 8/14/24 10:00 | 0:33 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:06 | 8/14/24 10:59 | 0:53 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:26 | 8/14/24 14:01 | 0:35 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Indiana Law and Statutes | 8/14/24 15:18 | 8/14/24 16:22 | 1:04 | | 1.0 |
| | Oakley, Roger | Credits Requested: Wastewater | | | Total Credits Earned | 11.0 |
| Welcome & Keynote Address | | 8/13/24 7:58 | 8/13/24 9:00 | 1:01 | | 1.0 |
| Workforce Development Roundtable | | 8/13/24 9:10 | 8/13/24 10:14 | 1:03 | | 1.0 |
| Critical Maintenance Techniques Your Plant may be over looking | | 8/13/24 10:29 | 8/13/24 11:41 | 1:12 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|---|---|---|--------------------------|--------------|------------|
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:26 | 8/13/24 13:58 | 0:32 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:28 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:55 | 8/13/24 15:25 | 0:30 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:55 | 8/13/24 16:55 | 1:00 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:26 | 0:29 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:01 | 8/14/24 10:35 | 0:33 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:30 | 8/14/24 11:05 | 0:34 | 0.5 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:01 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:14 | 8/14/24 15:55 | 0:41 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:35 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:28 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:07 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|--|---|---|--------------------------|--------------|------------|
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:38 | 8/15/24 10:15 | 0:36 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:11 | 8/15/24 10:46 | 0:34 | 0.5 | |
| Odom, Shaunacy | Credits Requested: Wastewater | | Total Credits Earned | | 4.5 | 1.5 |
| | Welcome & Keynote Address | 8/13/24 8:02 | 8/13/24 9:00 | 0:57 | | 1.0 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:26 | 8/13/24 13:56 | 0:29 | 0.5 | |
| | Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis | 8/13/24 14:00 | 8/13/24 14:30 | 0:30 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 7:56 | 8/14/24 8:57 | 1:00 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:32 | 8/14/24 9:59 | 0:26 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:29 | 8/14/24 13:59 | 0:30 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:15 | 8/14/24 16:14 | 0:59 | 1.0 | |
| | Transforming Compliance Using Collaborative Technology | 8/14/24 16:26 | 8/14/24 16:57 | 0:31 | 0.5 | |
| Orem, Joanna | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 4.5 | 0.5 |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:25 | 8/13/24 13:58 | 0:33 | 0.5 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:27 | 8/13/24 13:56 | 0:29 | 0.5 | |
| | Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis | 8/13/24 13:29 | 8/13/24 14:01 | 0:32 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|---|---|---|--------------------------|-----------------------------|------------|
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:02 | 8/13/24 14:28 | 0:26 | 0.5 | |
| | Out In The Field Not In A Book | 8/14/24 7:52 | 8/14/24 8:57 | 1:04 | 1.0 | |
| | Challenges In The Field | 8/14/24 10:05 | 8/14/24 11:02 | 0:57 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:29 | 8/14/24 13:59 | 0:29 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:13 | 8/15/24 10:46 | 0:33 | 0.5 | |
| | Parker, Vincent | Credits Requested: Wastewater, PDHs | | | Total Credits Earned | 7.0 |
| | Welcome & Keynote Address | 8/13/24 7:58 | 8/13/24 9:00 | 1:01 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:14 | 1:03 | | 1.0 |
| | Operator Certification Update | 8/13/24 10:35 | 8/13/24 11:06 | 0:31 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:08 | 8/13/24 11:42 | 0:34 | | 0.5 |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:18 | 8/13/24 13:59 | 0:40 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:28 | 0:24 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:54 | 8/13/24 15:27 | 0:32 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:49 | 8/14/24 8:26 | 0:36 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:33 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 11:00 | 0:56 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
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| | Ethics in Engineering | 8/14/24 13:21 | 8/14/24 14:30 | 1:09 | | 1.0 |
| | Indiana Law and Statutes | 8/14/24 15:07 | 8/14/24 16:22 | 1:14 | | 1.0 |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:26 | 8/14/24 16:55 | 0:28 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:50 | 8/15/24 8:30 | 0:40 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:31 | 8/15/24 9:06 | 0:35 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:07 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:42 | 8/15/24 10:15 | 0:33 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:16 | 8/15/24 10:46 | 0:30 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:32 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Parkman, Nick | Credits Requested: Wastewater | | Total Credits Earned | | 8.0 | 0.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:33 | 8/13/24 11:10 | 0:36 | 0.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:13 | 8/13/24 11:48 | 0:35 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:28 | 0:25 | 0.5 | |
| | Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures | 8/13/24 14:58 | 8/13/24 15:26 | 0:27 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:50 | 8/13/24 15:25 | 0:34 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------|---|---|---|-----------------------------|--------------|------------|
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Out In The Field Not In A Book | 8/14/24 7:53 | 8/14/24 8:57 | 1:04 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:22 | 8/14/24 9:59 | 0:37 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:03 | 8/14/24 10:57 | 0:54 | 1.0 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:33 | 8/15/24 9:06 | 0:33 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | |
| Parks, Chris | Credits Requested: Wastewater | | | Total Credits Earned | 12.5 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 8:00 | 8/13/24 9:00 | 0:59 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:14 | 1:03 | | 1.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:30 | 8/13/24 11:10 | 0:39 | 0.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:06 | 8/13/24 11:48 | 0:42 | 0.5 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:25 | 8/13/24 13:56 | 0:30 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:03 | 8/13/24 14:28 | 0:25 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:55 | 8/13/24 15:25 | 0:29 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:56 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Out In The Field Not In A Book | 8/14/24 7:58 | 8/14/24 8:57 | 0:59 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------|--|---|---|--------------------------|--------------|------------|
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:29 | 8/14/24 9:59 | 0:30 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:01 | 8/14/24 10:57 | 0:56 | 1.0 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:24 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:01 | 8/14/24 14:30 | 0:29 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:14 | 8/14/24 15:55 | 0:41 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:48 | 8/15/24 8:30 | 0:41 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:06 | 1.0 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:11 | 8/15/24 9:40 | 0:29 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:38 | 8/15/24 10:15 | 0:36 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:13 | 8/15/24 10:46 | 0:33 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:57 | 8/15/24 11:55 | 0:57 | 1.0 | |
| Paschal, Ryan S. | Credits Requested: Wastewater | Total Credits Earned | | | 6.5 | 3.5 |
| | Welcome & Keynote Address | 8/13/24 8:01 | 8/13/24 9:00 | 0:58 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:33 | 8/13/24 11:41 | 1:08 | 1.0 | |
| | Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks | 8/13/24 13:31 | 8/13/24 13:57 | 0:25 | | 0.5 |
| | | | | | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------------------|---|---|---|--------------------------|--------------|------------|
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:05 | 8/13/24 14:30 | 0:25 | 0.5 | |
| | Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures | 8/13/24 14:55 | 8/13/24 15:26 | 0:30 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:33 | 8/14/24 10:00 | 0:26 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:05 | 8/14/24 10:57 | 0:51 | 1.0 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:36 | 8/14/24 14:01 | 0:25 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:06 | 8/14/24 14:35 | 0:28 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:13 | 8/14/24 15:55 | 0:42 | | 0.5 |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:58 | 8/14/24 16:26 | 0:27 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 7:56 | 8/15/24 8:30 | 0:34 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:34 | 8/15/24 9:06 | 0:31 | 0.5 | |
| | Flexing Your Procurement Muscle | 8/15/24 9:09 | 8/15/24 9:37 | 0:28 | 0.5 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:45 | 8/15/24 10:50 | 1:05 | | 1.0 |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 11:00 | 8/15/24 11:25 | 0:25 | | 0.5 |
| Pinkerton, Patrick | Credits Requested: Wastewater, PDHs | | Total Credits Earned | | 4.5 | 7.5 |
| | Welcome & Keynote Address | 8/13/24 7:51 | 8/13/24 9:00 | 1:09 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:14 | 1:03 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|--|---|---|--------------------------|--------------|------------|
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:35 | 8/13/24 11:10 | 0:34 | 0.5 | |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:13 | 8/13/24 11:42 | 0:28 | | 0.5 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:28 | 8/13/24 13:56 | 0:28 | 0.5 | |
| | Regional Stormwater Detention Basins – Treating urban runoff outside your project | 8/13/24 14:03 | 8/13/24 14:31 | 0:28 | | 0.5 |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:58 | 8/13/24 15:25 | 0:26 | 0.5 | |
| | IDEM Update | 8/13/24 15:56 | 8/13/24 16:27 | 0:30 | | 0.5 |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:57 | 8/14/24 8:22 | 0:25 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:26 | 8/14/24 9:00 | 0:34 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:31 | 8/14/24 10:00 | 0:28 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:02 | 8/14/24 10:35 | 0:32 | 0.5 | |
| | Ethics in Engineering | 8/14/24 13:22 | 8/14/24 14:30 | 1:08 | | 1.0 |
| | Indiana Law and Statutes | 8/14/24 15:18 | 8/14/24 16:22 | 1:03 | | 1.0 |
| | Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility | 8/15/24 7:54 | 8/15/24 8:30 | 0:36 | | 0.5 |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:06 | 0:33 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:44 | 8/15/24 10:50 | 1:06 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-------------------------|---|---|---|--------------------------|--------------|------------|
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:57 | 8/15/24 11:25 | 0:28 | | 0.5 |
| Powell, James | Credits Requested: Wastewater | | Total Credits Earned | | 5.0 | 2.5 |
| | Welcome & Keynote Address | 8/13/24 7:47 | 8/13/24 9:00 | 1:12 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:14 | 1:03 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:33 | 8/13/24 11:41 | 1:07 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:30 | 8/13/24 13:56 | 0:26 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:26 | 0:27 | 0.5 | |
| | IDEM Update | 8/13/24 15:53 | 8/13/24 16:27 | 0:33 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 7:55 | 8/14/24 9:00 | 1:05 | 1.0 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:03 | 8/14/24 10:35 | 0:31 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:29 | 8/14/24 11:05 | 0:36 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| Prange, Lawrence | Credits Requested: Wastewater | | Total Credits Earned | | 3.0 | 0.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:31 | 8/13/24 11:41 | 1:10 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|---|---|---|--------------------------|--------------|------------|
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:18 | 8/13/24 13:59 | 0:40 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:29 | 0:28 | 0.5 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:26 | 0:29 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| Ramer, Matthew | Credits Requested: Wastewater | | Total Credits Earned | 6.0 | 1.5 | |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:36 | 8/13/24 11:41 | 1:05 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:59 | 0:35 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:29 | 0:25 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:56 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:33 | 8/14/24 11:05 | 0:31 | 0.5 | |
| | Wastewater Challenge Demonstration | 8/14/24 16:29 | 8/14/24 16:55 | 0:26 | | 0.5 |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:56 | 8/15/24 8:30 | 0:34 | | 0.5 |
| | Emergency Preparedness and Procedures | 8/15/24 8:32 | 8/15/24 9:10 | 0:37 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------|--|---|---|-----------------------------|--------------|------------|
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:16 | 8/15/24 10:46 | 0:30 | 0.5 | |
| Reese, Micky | Credits Requested: Drinking Water, Wastewater | | | Total Credits Earned | 11.0 | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:40 | 8/13/24 11:41 | 1:01 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:25 | 8/13/24 13:59 | 0:34 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:04 | 8/13/24 14:29 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:54 | 8/13/24 15:27 | 0:32 | 0.5 | |
| | IDEM Update | 8/13/24 15:54 | 8/13/24 16:27 | 0:32 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:31 | 8/13/24 17:00 | 0:29 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 8:02 | 8/14/24 8:57 | 0:55 | 1.0 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:31 | 8/14/24 10:00 | 0:28 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:06 | 8/14/24 10:35 | 0:29 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:07 | 8/14/24 10:58 | 0:50 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:29 | 8/14/24 13:59 | 0:30 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:06 | 8/14/24 14:35 | 0:28 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:23 | 8/14/24 16:15 | 0:51 | 1.0 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:28 | 8/14/24 16:55 | 0:26 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:06 | 0:34 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | | |
|----------------------|---|---|---|--------------------------|--------------|-----------------------------|------------|------------|
| | Flexing Your Procurement Muscle | 8/15/24 9:12 | 8/15/24 9:37 | 0:25 | 0.5 | | | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:45 | 8/15/24 10:15 | 0:29 | 0.5 | | | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:19 | 8/15/24 10:46 | 0:27 | 0.5 | | | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:59 | 8/15/24 11:55 | 0:55 | 1.0 | | | |
| Rigdon, John | Credits Requested: Wastewater | | | | | Total Credits Earned | 2.0 | 0.5 |
| | know | 8/15/24 7:55 | 8/15/24 8:30 | 0:35 | 0.5 | | | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:36 | 8/15/24 9:01 | 0:25 | | 0.5 | | |
| | Flexing Your Procurement Muscle | 8/15/24 9:07 | 8/15/24 9:37 | 0:30 | 0.5 | | | |
| | Basics of pH | 8/15/24 9:46 | 8/15/24 10:15 | 0:29 | 0.5 | | | |
| | A case for better lab results | 8/15/24 10:17 | 8/15/24 10:47 | 0:29 | 0.5 | | | |
| Riley, Andrew | Credits Requested: Wastewater | | | | | Total Credits Earned | 9.0 | 2.5 |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:13 | 8/13/24 11:49 | 0:35 | 0.5 | | | |
| | Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis | 8/13/24 13:31 | 8/13/24 14:01 | 0:29 | | 0.5 | | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:01 | 8/13/24 14:28 | 0:27 | 0.5 | | | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 15:02 | 8/13/24 15:27 | 0:25 | 0.5 | | | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:55 | 8/13/24 16:55 | 0:59 | 1.0 | | | |
| | Out In The Field Not In A Book | 8/14/24 8:00 | 8/14/24 8:57 | 0:56 | 1.0 | | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------|--|---|---|-----------------------------|--------------|------------|
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:03 | 8/14/24 10:57 | 0:54 | 1.0 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:33 | 8/14/24 14:30 | 0:57 | | 1.0 |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:21 | 8/14/24 15:55 | 0:34 | 0.5 | |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:57 | 8/14/24 16:25 | 0:28 | | 0.5 |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:29 | 8/14/24 16:55 | 0:25 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 7:53 | 8/15/24 8:30 | 0:36 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:33 | 8/15/24 9:01 | 0:27 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:07 | 8/15/24 9:37 | 0:30 | 0.5 | |
| | Basics of pH | 8/15/24 9:43 | 8/15/24 10:15 | 0:32 | 0.5 | |
| | A case for better lab results | 8/15/24 10:15 | 8/15/24 10:47 | 0:31 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:56 | 8/15/24 11:55 | 0:59 | 1.0 | |
| Risner, Dan | | | | | | |
| | Credits Requested: Wastewater | | | Total Credits Earned | 3.5 | 3.0 |
| | Welcome & Keynote Address | 8/13/24 7:53 | 8/13/24 9:00 | 1:06 | | 1.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:40 | 8/13/24 11:10 | 0:29 | 0.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:11 | 8/13/24 11:49 | 0:38 | 0.5 | |
| | Grit Happens: Conquering Startup Challenges during a WWTP Upgrade | 8/13/24 15:01 | 8/13/24 15:28 | 0:26 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|---------------------------|--|---|---|--------------------------|-----------------------------|-------------|------------|
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:24 | 8/14/24 10:00 | 0:35 | 0.5 | | |
| | Challenges In The Field | 8/14/24 10:07 | 8/14/24 10:58 | 0:50 | 1.0 | | |
| | 21ST Century FOG Management | 8/14/24 13:33 | 8/14/24 13:59 | 0:26 | 0.5 | | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:08 | 8/14/24 14:35 | 0:26 | 0.5 | | |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 8:04 | 8/15/24 8:30 | 0:26 | | 0.5 | |
| | Emergency Preparedness and Procedures | 8/15/24 8:31 | 8/15/24 9:10 | 0:39 | | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:52 | 8/15/24 11:25 | 0:33 | | 0.5 | |
| Robertson, Anthony | Credits Requested: Wastewater | | | | Total Credits Earned | 12.5 | 0.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:35 | 8/13/24 11:41 | 1:06 | 1.0 | | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:28 | 8/13/24 13:59 | 0:30 | 0.5 | | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:04 | 8/13/24 14:29 | 0:24 | 0.5 | | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:36 | 0.5 | | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:51 | 8/13/24 16:55 | 1:03 | 1.0 | | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:52 | 8/14/24 8:22 | 0:30 | 0.5 | | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:24 | 8/14/24 9:00 | 0:36 | 0.5 | | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--|--|---|---|-----------------------------|--------------|------------|
| Robinson, Trey | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:29 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:30 | 8/14/24 11:05 | 0:35 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:17 | 8/14/24 13:59 | 0:42 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:28 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:54 | 8/15/24 8:30 | 0:35 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:06 | 0:34 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Keeping pace with current dynamic state of UV disinfection. An overview of different style UV systems, and what are the drivers when picking between technologies. | 8/15/24 10:15 | 8/15/24 11:30 | 1:14 | 1.0 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:00 | 8/15/24 11:55 | 0:54 | 1.0 | |
| Credits Requested: Wastewater | | | | Total Credits Earned | 1.5 | 0.0 |
| Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:33 | 8/15/24 9:39 | 1:05 | 1.0 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------|---|---|---|--------------------------|--------------|------------|
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:42 | 8/15/24 10:15 | 0:32 | 0.5 | |
| Rooks, Ray | Credits Requested: Wastewater | Total Credits Earned | | | 6.0 | 5.5 |
| | Welcome & Keynote Address | 8/13/24 8:05 | 8/13/24 9:00 | 0:54 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:27 | 8/13/24 11:41 | 1:14 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:15 | 8/13/24 13:56 | 0:41 | 0.5 | |
| | Regional Stormwater Detention Basins – Treating urban runoff outside your project | 8/13/24 14:03 | 8/13/24 14:31 | 0:28 | | 0.5 |
| | Grit Happens: Conquering Startup Challenges during a WWTP Upgrade | 8/13/24 14:58 | 8/13/24 15:28 | 0:29 | | 0.5 |
| | IDEM Update | 8/13/24 15:53 | 8/13/24 16:27 | 0:34 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:32 | 8/13/24 17:00 | 0:28 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 7:48 | 8/14/24 9:00 | 1:12 | 1.0 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:30 | 8/14/24 10:30 | 0:59 | | 1.0 |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:30 | 8/14/24 11:05 | 0:34 | 0.5 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:25 | 8/14/24 14:30 | 1:05 | | 1.0 |
| | Tips for Labs that you may not know | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-------------------------|--|---|---|-----------------------------|--------------|------------|
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:32 | 8/15/24 9:01 | 0:28 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:10 | 8/15/24 9:38 | 0:27 | 0.5 | |
| | Basics of pH | 8/15/24 9:45 | 8/15/24 10:15 | 0:30 | 0.5 | |
| | A case for better lab results | 8/15/24 10:17 | 8/15/24 10:47 | 0:29 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:00 | 8/15/24 11:55 | 0:55 | 1.0 | |
| Roudebush, Robert "Bob" | Credits Requested: Wastewater | | | Total Credits Earned | 5.0 | 2.0 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:28 | 8/13/24 13:56 | 0:28 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:29 | 0:26 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 15:02 | 8/13/24 15:27 | 0:25 | 0.5 | |
| | IDEM Update | 8/13/24 15:55 | 8/13/24 16:27 | 0:32 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:31 | 8/13/24 17:00 | 0:29 | | 0.5 |
| | 50 Years Later and SND Still Works | 8/14/24 13:32 | 8/14/24 14:01 | 0:29 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:21 | 8/14/24 15:55 | 0:33 | | 0.5 |
| | Tips for Labs that you may not know | 8/15/24 7:55 | 8/15/24 8:30 | 0:35 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:33 | 8/15/24 9:01 | 0:28 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:08 | 8/15/24 9:38 | 0:29 | 0.5 | |
| | Basics of pH | 8/15/24 9:49 | 8/15/24 10:15 | 0:26 | 0.5 | |
| | A case for better lab results | 8/15/24 10:15 | 8/15/24 10:47 | 0:31 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:57 | 8/15/24 11:55 | 0:58 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------|--|---|---|--------------------------|--------------|------------|
| Russell, Shane | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 0.0 | 1.0 |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:57 | 8/14/24 16:25 | 0:27 | | 0.5 |
| | Wastewater Challenge Demonstration | 8/14/24 16:28 | 8/14/24 16:55 | 0:27 | | 0.5 |
| | Credits Requested: Wastewater | | Total Credits Earned | | 3.0 | 0.0 |
| SATTISON, TODD | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:35 | 8/13/24 11:41 | 1:06 | 1.0 | |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:23 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:01 | 8/14/24 14:30 | 0:28 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:13 | 8/14/24 15:55 | 0:42 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:49 | 8/14/24 16:26 | 0:36 | 0.5 | |
| | Credits Requested: Wastewater | | Total Credits Earned | | 10.5 | 3.5 |
| Sawyer, Christie | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:15 | 1:04 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:34 | 8/13/24 11:42 | 1:07 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:19 | 8/13/24 13:59 | 0:40 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:30 | 0:27 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:36 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------|--|---|---|--------------------------|--------------|------------|
| | The Danish story of using low-hanging-fruit to reduce energy, carbon, and resources and carbon | 8/13/24 15:52 | 8/13/24 16:56 | 1:03 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:51 | 8/14/24 8:26 | 0:34 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:31 | 8/14/24 9:00 | 0:28 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:28 | 8/14/24 10:00 | 0:31 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 11:00 | 0:56 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:01 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:58 | 8/14/24 16:26 | 0:27 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:48 | 8/15/24 8:30 | 0:41 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:06 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:39 | 8/15/24 10:15 | 0:35 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:13 | 8/15/24 10:46 | 0:33 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:31 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Sawyer, George | Credits Requested: Wastewater | | Total Credits Earned | | 10.0 | 3.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|---|---|---|--------------------------|--------------|------------|
| | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:15 | 1:04 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:31 | 8/13/24 11:42 | 1:10 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:23 | 8/13/24 13:57 | 0:33 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:05 | 8/13/24 14:30 | 0:24 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:52 | 8/13/24 15:27 | 0:34 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:57 | 8/13/24 16:55 | 0:57 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:51 | 8/14/24 8:26 | 0:34 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:11 | 8/14/24 11:01 | 0:49 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:01 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:51 | 8/15/24 8:30 | 0:39 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:33 | 8/15/24 9:39 | 1:06 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:39 | 8/15/24 10:15 | 0:35 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|--|--|---|---|--------------------------|--------------|------------|------------|
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:13 | 8/15/24 10:46 | 0:33 | 0.5 | | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:31 | | 0.5 | |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | | |
| Sawyer, Ronnie | Credits Requested: Wastewater | Total Credits Earned | | | 3.5 | 2.0 | |
| | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 | |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:15 | 1:04 | | 1.0 | |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:27 | 8/13/24 11:42 | 1:14 | 1.0 | | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:19 | 8/13/24 13:59 | 0:39 | 0.5 | | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:04 | 8/13/24 14:30 | 0:25 | 0.5 | | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:36 | 0.5 | | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | | |
| | Schortgen, Zach | Credits Requested: Wastewater, PDHs | Total Credits Earned | | | 7.0 | 4.0 |
| | | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:40 | 8/13/24 11:41 | 1:01 | 1.0 | |
| PFAS Regulations Impact on the Future of Land Application | | 8/13/24 13:26 | 8/13/24 13:57 | 0:30 | 0.5 | | |
| Optimizing Final Clarifiers – From Concept to Demonstrated Performance | | 8/13/24 14:05 | 8/13/24 14:30 | 0:24 | 0.5 | | |
| Total Nitrogen Treatment – What is Required vs. What is Realistic | | 8/13/24 14:53 | 8/13/24 15:27 | 0:33 | 0.5 | | |
| IDEM Update | | 8/13/24 15:57 | 8/13/24 16:27 | 0:30 | | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|--|---|---|--------------------------|--------------|------------|
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:32 | 8/13/24 16:58 | 0:26 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 8:00 | 8/14/24 9:00 | 1:00 | 1.0 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:29 | 0.5 | |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:34 | 8/14/24 11:04 | 0:29 | | 0.5 |
| | 21ST Century FOG Management | 8/14/24 13:32 | 8/14/24 14:00 | 0:27 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:20 | 8/14/24 15:55 | 0:34 | | 0.5 |
| | Getting the Next Generation Excited about Wastewater | 8/14/24 15:58 | 8/14/24 16:25 | 0:26 | | 0.5 |
| | Transforming Compliance Using Collaborative Technology | 8/14/24 16:29 | 8/14/24 16:57 | 0:28 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:55 | 8/15/24 8:30 | 0:34 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:34 | 8/15/24 9:06 | 0:32 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:09 | 8/15/24 9:40 | 0:30 | 0.5 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:41 | 8/15/24 10:50 | 1:09 | | 1.0 |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:57 | 8/15/24 11:25 | 0:27 | | 0.5 |
| Shelton, Lewis | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 8.0 | 4.5 |
| | Welcome & Keynote Address | 8/13/24 7:50 | 8/13/24 9:00 | 1:09 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:36 | 8/13/24 11:42 | 1:05 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:29 | 8/13/24 13:57 | 0:27 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|---|---|---|--------------------------|--------------|------------|
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:03 | 8/13/24 14:28 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 15:02 | 8/13/24 15:27 | 0:25 | 0.5 | |
| | IDEM Update | 8/13/24 15:54 | 8/13/24 16:27 | 0:33 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:31 | 8/13/24 16:57 | 0:26 | | 0.5 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:55 | 8/14/24 8:26 | 0:30 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:29 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:28 | 8/14/24 10:30 | 1:01 | | 1.0 |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:33 | 8/14/24 11:04 | 0:30 | | 0.5 |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:32 | 8/14/24 14:00 | 0:28 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:04 | 8/14/24 14:30 | 0:26 | 0.5 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:18 | 8/14/24 15:55 | 0:36 | | 0.5 |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:55 | 8/14/24 16:26 | 0:30 | 0.5 | |
| | Leading Change | 8/14/24 16:28 | 8/14/24 16:58 | 0:29 | | 0.5 |
| | Tips for Labs that you may not know | 8/15/24 7:59 | 8/15/24 8:30 | 0:31 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:41 | 8/15/24 9:01 | 0:19 | | 0.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------------------|--|---|---|-----------------------------|-----------------------------|------------|
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:41 | 8/15/24 10:15 | 0:33 | 0.5 | |
| | A case for better lab results | 8/15/24 10:18 | 8/15/24 10:47 | 0:28 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:01 | 8/15/24 11:55 | 0:53 | 1.0 | |
| Shrader, Robin | Credits Requested: Drinking Water, Wastewater | | | Total Credits Earned | 5.5 | 3.0 |
| | Welcome & Keynote Address | 8/13/24 7:55 | 8/13/24 9:00 | 1:04 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:15 | 1:04 | | 1.0 |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:59 | 0:36 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:30 | 0:27 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 8:00 | 8/14/24 8:26 | 0:26 | 0.5 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:25 | 8/14/24 14:30 | 1:04 | | 1.0 |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:59 | 8/15/24 8:30 | 0:30 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:06 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:45 | 8/15/24 10:15 | 0:30 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:59 | 8/15/24 11:55 | 0:56 | 1.0 | |
| | Shroyer, Macon | Credits Requested: Wastewater | | | Total Credits Earned | 7.5 |
| Welcome & Keynote Address | | 8/13/24 7:46 | 8/13/24 9:00 | 1:13 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|---|---|---|--------------------------|--------------|------------|
| | Operator Certification Update | 8/13/24 10:31 | 8/13/24 11:06 | 0:35 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:07 | 8/13/24 11:43 | 0:35 | | 0.5 |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:24 | 8/13/24 13:59 | 0:35 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:59 | 8/13/24 14:26 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:59 | 8/13/24 15:27 | 0:27 | 0.5 | |
| | Out In The Field Not In A Book | 8/14/24 7:55 | 8/14/24 8:57 | 1:02 | 1.0 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:26 | 8/14/24 10:30 | 1:03 | | 1.0 |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:31 | 8/14/24 11:04 | 0:32 | | 0.5 |
| | 50 Years Later and SND Still Works | 8/14/24 13:30 | 8/14/24 14:02 | 0:31 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:15 | 1:00 | 1.0 | |
| | Tips for Labs that you may not know | 8/15/24 7:54 | 8/15/24 8:30 | 0:36 | 0.5 | |
| | Emergency Preparedness and Procedures | 8/15/24 8:33 | 8/15/24 9:10 | 0:36 | | 0.5 |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:11 | 8/15/24 9:40 | 0:28 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:39 | 8/15/24 10:15 | 0:35 | 0.5 | |
| | A case for better lab results | 8/15/24 10:20 | 8/15/24 10:47 | 0:26 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------|--|---|---|-----------------------------|--------------|------------|
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:56 | 8/15/24 11:55 | 0:58 | 1.0 | |
| Skirvin, Brett | Credits Requested: Wastewater | | | Total Credits Earned | 9.5 | 3.5 |
| | Welcome & Keynote Address | 8/13/24 7:50 | 8/13/24 9:00 | 1:09 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:35 | 8/13/24 11:42 | 1:06 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:25 | 8/13/24 13:57 | 0:32 | 0.5 | |
| | Regional Stormwater Detention Basins – Treating urban runoff outside your project | 8/13/24 14:04 | 8/13/24 14:31 | 0:27 | | 0.5 |
| | Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures | 8/13/24 15:03 | 8/13/24 15:28 | 0:25 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 8:02 | 8/14/24 8:30 | 0:27 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:29 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:27 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:05 | 8/14/24 11:00 | 0:54 | | 1.0 |
| | Foster Park Relief Sewer – Indian Village CSO 005 Connection | 8/14/24 13:23 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:15 | 8/14/24 15:55 | 0:39 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|--|---|---|--------------------------|--------------|------------|
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:52 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility | 8/15/24 7:54 | 8/15/24 8:30 | 0:36 | | 0.5 |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:29 | 8/15/24 9:06 | 0:37 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:41 | 8/15/24 10:15 | 0:33 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:09 | 8/15/24 10:47 | 0:37 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:59 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant | 8/15/24 11:22 | 8/15/24 11:57 | 0:35 | 0.5 | |
| Smith, Kenneth | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 7.5 | 1.0 |
| | Welcome & Keynote Address | 8/13/24 7:56 | 8/13/24 9:00 | 1:03 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:38 | 8/13/24 11:42 | 1:03 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:25 | 8/13/24 13:59 | 0:34 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:30 | 0:27 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:57 | 8/13/24 15:25 | 0:28 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------------|--|---|---|-----------------------------|--------------|------------|
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:02 | 0:37 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:17 | 8/14/24 15:55 | 0:38 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:28 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:07 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:37 | 8/15/24 10:15 | 0:37 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:11 | 8/15/24 10:47 | 0:35 | 0.5 | |
| Smith, Michelle | Credits Requested: Drinking Water, Wastewater | | | Total Credits Earned | 10.0 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 7:56 | 8/13/24 9:00 | 1:03 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:15 | 1:04 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:38 | 8/13/24 11:41 | 1:03 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:25 | 8/13/24 13:55 | 0:30 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:30 | 0:28 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:56 | 8/13/24 15:27 | 0:30 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:54 | 8/13/24 16:55 | 1:01 | 1.0 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|--|---|---|-----------------------------|--------------|------------|
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:57 | 8/14/24 8:23 | 0:25 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:25 | 8/14/24 9:00 | 0:35 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:32 | 8/14/24 10:00 | 0:27 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:02 | 8/14/24 10:57 | 0:55 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:20 | 8/14/24 14:00 | 0:40 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:02 | 8/14/24 14:30 | 0:27 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:24 | 8/14/24 15:55 | 0:30 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:28 | 8/14/24 16:55 | 0:26 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 8:00 | 8/15/24 8:30 | 0:30 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:06 | 0:33 | 0.5 | |
| | Flexing Your Procurement Muscle | 8/15/24 9:07 | 8/15/24 9:38 | 0:31 | 0.5 | |
| | Smith, Nicholas | Credits Requested: Wastewater | | Total Credits Earned | 8.0 | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:27 | 8/13/24 11:42 | 1:14 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:55 | 0:32 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:30 | 0:29 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------|--|---|---|-----------------------------|--------------|------------|
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:56 | 8/13/24 16:55 | 0:58 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:49 | 8/14/24 8:26 | 0:37 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:24 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:03 | 8/14/24 11:00 | 0:56 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:24 | 8/14/24 14:02 | 0:37 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:50 | 8/15/24 8:30 | 0:39 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:07 | 1.0 | |
| | Basics of pH | 8/15/24 9:44 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:16 | 8/15/24 10:47 | 0:30 | 0.5 | |
| Smith, Sharnta | Credits Requested: Wastewater | | | Total Credits Earned | 7.0 | 2.5 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:15 | 1:04 | | 1.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:30 | 8/13/24 11:10 | 0:39 | 0.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:07 | 8/13/24 11:49 | 0:42 | 0.5 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:16 | 8/13/24 14:00 | 0:43 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:30 | 0:29 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:30 | 8/14/24 9:00 | 0:29 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------------|--|---|---|-----------------------------|--------------|------------|
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:26 | 8/14/24 10:00 | 0:34 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:02 | 8/14/24 11:00 | 0:57 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:02 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 8:03 | 8/15/24 8:30 | 0:26 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:39 | 8/15/24 9:39 | 1:00 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:41 | 8/15/24 10:15 | 0:33 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:13 | 8/15/24 10:47 | 0:33 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:31 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Sporleder, Joshua | | | | | | |
| | Credits Requested: Wastewater | | | Total Credits Earned | 8.5 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 7:56 | 8/13/24 9:00 | 1:03 | | 1.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:33 | 8/13/24 11:10 | 0:36 | 0.5 | |
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:07 | 8/13/24 11:49 | 0:41 | 0.5 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:24 | 8/13/24 13:55 | 0:30 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:30 | 0:28 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------------------------|---|---|---|-----------------------------|--------------|------------|
| Stanford, Steven | Grit Happens: Conquering Startup Challenges during a WWTP Upgrade | 8/13/24 14:58 | 8/13/24 15:28 | 0:29 | | 0.5 |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:55 | 8/13/24 16:55 | 0:59 | 1.0 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:27 | 8/14/24 9:00 | 0:33 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:30 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:31 | 8/14/24 11:05 | 0:34 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:56 | 8/14/24 16:26 | 0:29 | 0.5 | |
| | Transforming Compliance Using Collaborative Technology | 8/14/24 16:29 | 8/14/24 16:57 | 0:28 | 0.5 | |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:59 | 8/15/24 8:30 | 0:30 | | 0.5 |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:35 | 8/15/24 9:06 | 0:31 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:07 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:18 | 8/15/24 10:47 | 0:29 | 0.5 | |
| Credits Requested: Wastewater | | | | Total Credits Earned | 9.0 | 4.0 |
| Welcome & Keynote Address | | 8/13/24 7:45 | 8/13/24 9:00 | 1:14 | | 1.0 |

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|-----------|--|---|---|--------------------------|--------------|------------|
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:34 | 8/13/24 11:42 | 1:07 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:21 | 8/13/24 13:57 | 0:35 | 0.5 | |
| | Regional Stormwater Detention Basins – Treating urban runoff outside your project | 8/13/24 14:03 | 8/13/24 14:31 | 0:28 | | 0.5 |
| | Grit Happens: Conquering Startup Challenges during a WWTP Upgrade | 8/13/24 14:57 | 8/13/24 15:28 | 0:30 | | 0.5 |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:26 | 0:29 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:26 | 8/14/24 9:00 | 0:34 | 0.5 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:24 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:04 | 8/14/24 10:57 | 0:53 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:22 | 8/14/24 14:00 | 0:37 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:16 | 8/14/24 16:15 | 0:58 | 1.0 | |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:23 | 8/14/24 16:55 | 0:31 | 0.5 | |
| | Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility | 8/15/24 7:56 | 8/15/24 8:30 | 0:33 | | 0.5 |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:30 | 8/15/24 9:06 | 0:36 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------------|--|---|---|--------------------------|--------------|------------|
| | Primary Clarifier Sludge and Scum | 8/15/24 9:09 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:45 | 8/15/24 10:50 | 1:05 | | 1.0 |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:59 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant | 8/15/24 11:24 | 8/15/24 11:57 | 0:32 | 0.5 | |
| Steele, Shawn | Credits Requested: Wastewater | | Total Credits Earned | | 8.5 | 4.0 |
| | Welcome & Keynote Address | 8/13/24 7:46 | 8/13/24 9:00 | 1:13 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:29 | 8/13/24 11:42 | 1:12 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:15 | 8/13/24 14:00 | 0:44 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:01 | 8/13/24 14:31 | 0:29 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:56 | 8/13/24 15:25 | 0:29 | 0.5 | |
| | IDEM Update | 8/13/24 15:59 | 8/13/24 16:27 | 0:28 | | 0.5 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 8:00 | 8/14/24 8:26 | 0:26 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:26 | 8/14/24 10:00 | 0:34 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 11:00 | 0:56 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:02 | 0:36 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|---|---|---|--------------------------|--------------|------------|
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Tips for Labs that you may not know | 8/15/24 7:57 | 8/15/24 8:30 | 0:33 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:32 | 8/15/24 9:01 | 0:28 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:11 | 8/15/24 9:38 | 0:26 | 0.5 | |
| | Basics of pH | 8/15/24 9:43 | 8/15/24 10:15 | 0:32 | 0.5 | |
| | A case for better lab results | 8/15/24 10:17 | 8/15/24 10:47 | 0:30 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:58 | 8/15/24 11:55 | 0:57 | 1.0 | |
| Stehno, Edward | Credits Requested: Wastewater, PDHs | | Total Credits Earned | | 8.0 | 6.0 |
| | Welcome & Keynote Address | 8/13/24 7:58 | 8/13/24 9:00 | 1:01 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:36 | 8/13/24 11:42 | 1:06 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:29 | 8/13/24 13:57 | 0:27 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 13:58 | 8/13/24 14:26 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:52 | 8/13/24 15:27 | 0:34 | 0.5 | |
| | IDEM Update | 8/13/24 15:55 | 8/13/24 16:28 | 0:32 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:28 | 8/13/24 16:57 | 0:28 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-------------------------|--|---|---|--------------------------|--------------|------------|
| | Out In The Field Not In A Book | 8/14/24 7:56 | 8/14/24 8:57 | 1:01 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:29 | 8/14/24 10:00 | 0:31 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:01 | 8/14/24 10:57 | 0:56 | 1.0 | |
| | Ethics in Engineering | 8/14/24 13:27 | 8/14/24 14:30 | 1:03 | | 1.0 |
| | Indiana Law and Statutes | 8/14/24 15:19 | 8/14/24 16:22 | 1:03 | | 1.0 |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:24 | 8/14/24 16:55 | 0:31 | 0.5 | |
| | Electrical Safety for Wastewater Operators and Maintenance Personnel | 8/15/24 7:56 | 8/15/24 8:30 | 0:34 | | 0.5 |
| | Emergency Preparedness and Procedures | 8/15/24 8:30 | 8/15/24 9:10 | 0:39 | | 0.5 |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:12 | 8/15/24 9:40 | 0:27 | 0.5 | |
| | Basics of pH | 8/15/24 9:43 | 8/15/24 10:15 | 0:32 | 0.5 | |
| | Keeping pace with current dynamic state of UV disinfection. An overview of different style UV systems, and what are the drivers when picking between technologies. | 8/15/24 10:23 | 8/15/24 11:30 | 1:06 | 1.0 | |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:26 | 8/15/24 11:56 | 0:30 | 0.5 | |
| Stevens, Dewayne | Credits Requested: Wastewater | | Total Credits Earned | | 9.5 | 4.5 |
| | Welcome & Keynote Address | 8/13/24 7:50 | 8/13/24 9:00 | 1:09 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:34 | 8/13/24 11:42 | 1:08 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:55 | 0:31 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:04 | 8/13/24 14:31 | 0:26 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:56 | 8/13/24 15:25 | 0:29 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------------|--|---|---|--------------------------|--------------|------------|
| | IDEM Update | 8/13/24 15:57 | 8/13/24 16:28 | 0:31 | | 0.5 |
| | SRF Basics | 8/13/24 15:58 | 8/13/24 16:29 | 0:31 | | 0.5 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:51 | 8/14/24 8:26 | 0:34 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:28 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:05 | 8/14/24 11:00 | 0:55 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:26 | 8/14/24 14:02 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:13 | 8/14/24 15:55 | 0:42 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:50 | 8/15/24 8:30 | 0:40 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:34 | 8/15/24 9:39 | 1:05 | 1.0 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:35 | 8/15/24 9:06 | 0:31 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:07 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:40 | 8/15/24 10:15 | 0:34 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:19 | 8/15/24 10:47 | 0:27 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:58 | 8/15/24 11:25 | 0:27 | | 0.5 |
| Stopher, Brenda | Credits Requested: Wastewater | | Total Credits Earned | | 5.5 | 2.5 |
| | Operator Certification Update | 8/13/24 10:31 | 8/13/24 11:07 | 0:35 | | 0.5 |
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:08 | 8/13/24 11:42 | 0:34 | | 0.5 |
| | | | | | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--|---|---|---|--------------------------|-----------------------------|------------|
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:29 | 8/13/24 13:57 | 0:27 | 0.5 | |
| | Grit Happens: Conquering Startup Challenges during a WWTP Upgrade | 8/13/24 15:00 | 8/13/24 15:28 | 0:28 | | 0.5 |
| | IDEM Update | 8/13/24 15:56 | 8/13/24 16:28 | 0:31 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:30 | 8/13/24 16:57 | 0:27 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 8:00 | 8/14/24 8:57 | 0:56 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:27 | 8/14/24 10:00 | 0:33 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:03 | 8/14/24 10:57 | 0:54 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:16 | 8/14/24 14:00 | 0:43 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:15 | 1:00 | 1.0 | |
| | Transforming Compliance Using Collaborative Technology | 8/14/24 16:21 | 8/14/24 16:58 | 0:36 | 0.5 | |
| | Stout, Kevin | Credits Requested: Wastewater | | | Total Credits Earned | 4.0 |
| Fail | | 8/13/24 10:34 | 8/13/24 11:41 | 1:07 | 1.0 | |
| PFAS Regulations Impact on the Future of Land Application | | 8/13/24 13:21 | 8/13/24 13:57 | 0:36 | 0.5 | |
| Optimizing Final Clarifiers – From Concept to Demonstrated Performance | | 8/13/24 14:01 | 8/13/24 14:31 | 0:29 | 0.5 | |
| Total Nitrogen Treatment – What is Required vs. What is Realistic | | 8/13/24 15:02 | 8/13/24 15:27 | 0:25 | 0.5 | |
| Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | | 8/13/24 15:57 | 8/13/24 16:55 | 0:57 | 1.0 | |
| Water Treatment Regulatory Terms & Definitions | | 8/14/24 9:33 | 8/14/24 10:00 | 0:26 | 0.5 | |
| Using your data and SCADA for maintenance and savings | | 8/14/24 10:10 | 8/14/24 11:00 | 0:50 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---|--|---|---|-----------------------------|--------------|------------|
| Strunk, Zachary | Credits Requested: Wastewater | | Total Credits Earned | | 4.0 | 1.0 |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:51 | 8/14/24 8:23 | 0:31 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:28 | 8/14/24 10:00 | 0:32 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:05 | 8/14/24 11:00 | 0:55 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:02 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:37 | 8/15/24 10:15 | 0:37 | 0.5 | |
| | Summers, Wes | Credits Requested: Wastewater | | Total Credits Earned | | 1.5 |
| Tips for Labs that you may not know | | 8/15/24 7:56 | 8/15/24 8:30 | 0:34 | 0.5 | |
| Back to Basics: Review of UV Disinfection | | 8/15/24 8:34 | 8/15/24 9:06 | 0:31 | 0.5 | |
| Flexing Your Procurement Muscle | | 8/15/24 9:09 | 8/15/24 9:38 | 0:28 | 0.5 | |
| City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | | 8/15/24 9:45 | 8/15/24 10:50 | 1:05 | | 1.0 |
| Contrasting Design Considerations: Municipal Vs Industrial WWTPs | | 8/15/24 11:00 | 8/15/24 11:25 | 0:25 | | 0.5 |
| THEODOROU, BOB | Credits Requested: Wastewater | | Total Credits Earned | | 10.0 | 3.0 |
| | Welcome & Keynote Address | 8/13/24 7:51 | 8/13/24 9:00 | 1:08 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|--|---|---|--------------------------|--------------|------------|
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:34 | 8/13/24 11:41 | 1:07 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:30 | 8/13/24 13:57 | 0:27 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:31 | 0:28 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:57 | 8/13/24 15:27 | 0:29 | 0.5 | |
| | IDEM Update | 8/13/24 15:54 | 8/13/24 16:28 | 0:34 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:31 | 8/13/24 17:00 | 0:29 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 8:02 | 8/14/24 8:57 | 0:55 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:30 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:04 | 8/14/24 10:58 | 0:53 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:27 | 8/14/24 14:00 | 0:33 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:15 | 1:01 | 1.0 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 16:10 | 8/14/24 16:25 | 0:14 | 0.0 | |
| | Enhancing the absorption capacity of GAC to remove PFAS from water | 8/14/24 16:28 | 8/14/24 16:55 | 0:26 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:59 | 8/15/24 8:30 | 0:30 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:33 | 8/15/24 9:01 | 0:28 | | 0.5 |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:09 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:42 | 8/15/24 10:15 | 0:32 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-------------------|---|---|---|-----------------------------|--------------|------------|
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:11 | 8/15/24 10:47 | 0:35 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:55 | 8/15/24 11:25 | 0:30 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Thompson, Jarrett | Credits Requested: Wastewater | | | Total Credits Earned | 6.5 | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:30 | 8/13/24 11:42 | 1:11 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:28 | 8/13/24 13:55 | 0:26 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:31 | 0:27 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 16:01 | 8/13/24 16:55 | 0:53 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:57 | 8/14/24 8:26 | 0:29 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:02 | 8/14/24 10:35 | 0:32 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:33 | 8/14/24 11:05 | 0:32 | 0.5 | |
| | Wastewater Challenge Demonstration | 8/14/24 16:29 | 8/14/24 16:55 | 0:26 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------------------|--|---|---|-----------------------------|--------------|------------|
| | Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility | 8/15/24 7:59 | 8/15/24 8:30 | 0:31 | | 0.5 |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:36 | 8/15/24 9:39 | 1:03 | 1.0 | |
| Thompson, Kimberly | Credits Requested: Wastewater | | | Total Credits Earned | 5.0 | 2.0 |
| | Welcome & Keynote Address | 8/13/24 7:54 | 8/13/24 9:00 | 1:05 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:44 | 8/13/24 11:41 | 0:57 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:26 | 8/13/24 13:55 | 0:28 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:02 | 8/13/24 14:31 | 0:28 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:57 | 8/13/24 15:27 | 0:30 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:55 | 8/13/24 16:55 | 0:59 | 1.0 | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:57 | 8/14/24 8:23 | 0:25 | 0.5 | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:24 | 8/14/24 9:00 | 0:36 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:01 | 8/14/24 10:35 | 0:33 | 0.5 | |
| Tice, Steve | Credits Requested: Wastewater | | | Total Credits Earned | 6.0 | 5.5 |
| | Welcome & Keynote Address | 8/13/24 8:01 | 8/13/24 9:00 | 0:58 | | 1.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:32 | 8/13/24 11:10 | 0:37 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|---|---|---|--------------------------|--------------|------------|
| | Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap | 8/13/24 11:10 | 8/13/24 11:42 | 0:32 | | 0.5 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:29 | 8/13/24 13:57 | 0:27 | 0.5 | |
| | Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants | 8/13/24 14:05 | 8/13/24 14:30 | 0:25 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:58 | 8/13/24 15:27 | 0:28 | 0.5 | |
| | IDEM Update | 8/13/24 15:55 | 8/13/24 16:28 | 0:32 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:32 | 8/13/24 16:58 | 0:25 | | 0.5 |
| | Mastering the Art of Master Planning | 8/14/24 7:54 | 8/14/24 9:00 | 1:05 | 1.0 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:35 | 8/14/24 10:30 | 0:54 | | 1.0 |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:31 | 8/14/24 11:04 | 0:32 | | 0.5 |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:30 | 8/14/24 14:30 | 1:00 | | 1.0 |
| | Tips for Labs that you may not know | 8/15/24 7:55 | 8/15/24 8:30 | 0:34 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:35 | 8/15/24 9:01 | 0:26 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:06 | 8/15/24 9:38 | 0:31 | 0.5 | |
| | Basics of pH | 8/15/24 9:47 | 8/15/24 10:15 | 0:28 | 0.5 | |
| | A case for better lab results | 8/15/24 10:17 | 8/15/24 10:47 | 0:30 | 0.5 | |

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|-----------------|---|---|---|--------------------------|--------------|------------|
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:56 | 8/15/24 11:55 | 0:59 | 1.0 | |
| Towell, Garrett | Credits Requested: Wastewater | Total Credits Earned | | | 9.0 | 3.5 |
| | Welcome & Keynote Address | 8/13/24 7:58 | 8/13/24 9:00 | 1:01 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:29 | 8/13/24 11:42 | 1:12 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:24 | 8/13/24 13:57 | 0:33 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:31 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:56 | 8/13/24 15:27 | 0:31 | 0.5 | |
| | IDEM Update | 8/13/24 15:57 | 8/13/24 16:28 | 0:30 | | 0.5 |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 8:02 | 8/14/24 8:27 | 0:25 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:30 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:05 | 8/14/24 10:35 | 0:29 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:28 | 8/14/24 11:05 | 0:37 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:32 | 8/14/24 14:00 | 0:28 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:07 | 8/14/24 14:35 | 0:28 | 0.5 | |

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|------------------------|--|---|---|-----------------------------|--------------|------------|
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility | 8/15/24 7:59 | 8/15/24 8:30 | 0:31 | | 0.5 |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:06 | 0:33 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:11 | 8/15/24 9:40 | 0:29 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:42 | 8/15/24 10:15 | 0:32 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:11 | 8/15/24 10:47 | 0:35 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:56 | 8/15/24 11:25 | 0:28 | | 0.5 |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:28 | 8/15/24 11:56 | 0:28 | 0.5 | |
| Turner, Michael | Credits Requested: Wastewater | | | Total Credits Earned | 9.0 | 3.5 |
| | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:34 | 8/13/24 11:41 | 1:07 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:18 | 8/13/24 13:57 | 0:38 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:31 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:56 | 8/13/24 15:27 | 0:30 | 0.5 | |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:32 | 8/13/24 16:57 | 0:25 | | 0.5 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------|--|---|---|-----------------------------|--------------|------------|
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:55 | 8/14/24 8:26 | 0:30 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:30 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:08 | 8/14/24 10:35 | 0:26 | 0.5 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:28 | 8/14/24 14:02 | 0:34 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:52 | 8/14/24 16:26 | 0:33 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:29 | 8/14/24 16:55 | 0:25 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:56 | 8/15/24 8:30 | 0:33 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:36 | 8/15/24 9:01 | 0:25 | | 0.5 |
| | Flexing Your Procurement Muscle | 8/15/24 9:07 | 8/15/24 9:38 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:12 | 8/15/24 10:47 | 0:35 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 11:00 | 8/15/24 11:25 | 0:25 | | 0.5 |
| | UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant | 8/15/24 11:24 | 8/15/24 11:57 | 0:33 | 0.5 | |
| Uhlenhake, Karen | Credits Requested: Wastewater | | | Total Credits Earned | 10.5 | 2.5 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------|---|---|---|--------------------------|--------------|------------|
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:34 | 8/13/24 11:41 | 1:07 | 1.0 | |
| | Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis | 8/13/24 13:27 | 8/13/24 14:01 | 0:34 | | 0.5 |
| | Regional Stormwater Detention Basins – Treating urban runoff outside your project | 8/13/24 14:03 | 8/13/24 14:31 | 0:28 | | 0.5 |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:53 | 8/13/24 15:25 | 0:32 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | |
| | Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer | 8/14/24 7:56 | 8/14/24 8:23 | 0:27 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:33 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:26 | 8/14/24 10:00 | 0:34 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:02 | 8/14/24 10:35 | 0:32 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:27 | 8/14/24 11:05 | 0:38 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:23 | 8/14/24 14:00 | 0:36 | 0.5 | |
| | Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana | 8/14/24 14:01 | 8/14/24 14:30 | 0:28 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:58 | 8/14/24 16:26 | 0:27 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------|--|---|---|--------------------------|--------------|------------|
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 8:01 | 8/15/24 8:30 | 0:28 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:33 | 8/15/24 9:06 | 0:33 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:07 | 8/15/24 9:40 | 0:32 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:44 | 8/15/24 10:15 | 0:30 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:18 | 8/15/24 10:47 | 0:29 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:31 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| VanSickle, Richard | Credits Requested: Wastewater | | Total Credits Earned | | 9.0 | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:26 | 8/13/24 11:42 | 1:15 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:16 | 8/13/24 14:00 | 0:43 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:01 | 8/13/24 14:31 | 0:30 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:57 | 8/13/24 15:25 | 0:28 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:52 | 8/13/24 16:55 | 1:02 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:26 | 0:30 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:26 | 8/14/24 9:00 | 0:33 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:26 | 8/14/24 10:00 | 0:34 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|------------------------|--|---|---|--------------------------|-----------------------------|-------------|------------|
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 11:01 | 0:57 | | 1.0 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:24 | 8/14/24 14:02 | 0:37 | 0.5 | | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:04 | 8/14/24 14:35 | 0:31 | 0.5 | | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:49 | 8/15/24 8:30 | 0:41 | 0.5 | | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:07 | 1.0 | | |
| VAUGHN, BRIAN | Credits Requested: Drinking Water, Wastewater | | | | Total Credits Earned | 2.0 | 1.0 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:56 | 8/14/24 8:26 | 0:29 | 0.5 | | |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:26 | 8/14/24 9:00 | 0:34 | 0.5 | | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:26 | 8/14/24 10:00 | 0:33 | 0.5 | | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 11:01 | 0:57 | | 1.0 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:28 | 8/14/24 14:02 | 0:33 | 0.5 | | |
| Vigil, Cristina | Credits Requested: Wastewater | | | | Total Credits Earned | 10.5 | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:40 | 8/13/24 11:42 | 1:01 | 1.0 | | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:25 | 8/13/24 13:55 | 0:30 | 0.5 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------------------------------|--|---|---|--------------------------|-----------------------------|------------|
| Wagner, Mike | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:04 | 8/13/24 14:31 | 0:27 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:54 | 8/13/24 15:27 | 0:32 | 0.5 | |
| | IDEM Update | 8/13/24 15:57 | 8/13/24 16:28 | 0:30 | | 0.5 |
| | Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models | 8/13/24 16:31 | 8/13/24 17:00 | 0:29 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 8:02 | 8/14/24 8:57 | 0:55 | 1.0 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:31 | 8/14/24 10:00 | 0:28 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:06 | 8/14/24 10:35 | 0:29 | 0.5 | |
| | Challenges In The Field | 8/14/24 10:08 | 8/14/24 10:59 | 0:50 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:29 | 8/14/24 14:00 | 0:31 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:06 | 8/14/24 14:35 | 0:28 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:24 | 8/14/24 16:15 | 0:50 | 1.0 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:28 | 8/14/24 16:55 | 0:26 | 0.5 | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:32 | 8/15/24 9:06 | 0:34 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:12 | 8/15/24 9:40 | 0:27 | 0.5 | |
| | A case for better lab results | 8/15/24 10:19 | 8/15/24 10:47 | 0:28 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:58 | 8/15/24 11:55 | 0:57 | 1.0 | |
| | Credits Requested: Wastewater | | | | Total Credits Earned | 1.0 |
| Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:39 | 8/13/24 11:41 | 1:02 | 1.0 | | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|---------------|--|---|---|-----------------------------|--------------|------------|
| | IDEM Update | 8/13/24 15:54 | 8/13/24 16:28 | 0:33 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:32 | 8/13/24 16:57 | 0:25 | | 0.5 |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:54 | 8/15/24 11:25 | 0:30 | | 0.5 |
| Walker, Brent | Credits Requested: Wastewater | | | Total Credits Earned | 9.5 | 2.5 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:30 | 8/13/24 11:42 | 1:11 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:23 | 8/13/24 13:55 | 0:32 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:32 | 0:28 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:57 | 8/13/24 15:27 | 0:29 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:28 | 0:37 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:30 | 8/13/24 16:57 | 0:26 | | 0.5 |
| | Out In The Field Not In A Book | 8/14/24 7:50 | 8/14/24 8:57 | 1:07 | 1.0 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:08 | 8/14/24 11:01 | 0:52 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:02 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:13 | 8/14/24 15:55 | 0:42 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|------------------|---|---|---|-----------------------------|--------------|------------|
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:27 | 8/14/24 16:55 | 0:27 | 0.5 | |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:49 | 8/15/24 8:30 | 0:40 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:07 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:43 | 8/15/24 10:15 | 0:31 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:10 | 8/15/24 10:47 | 0:37 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:32 | | 0.5 |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:21 | 8/15/24 11:56 | 0:35 | 0.5 | |
| Wallace, Michael | Credits Requested: Wastewater | | | Total Credits Earned | 7.5 | 0.5 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:29 | 8/13/24 11:41 | 1:12 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:23 | 8/13/24 13:57 | 0:33 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:03 | 8/13/24 14:32 | 0:28 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:56 | 8/13/24 15:27 | 0:31 | 0.5 | |
| | IDEM Update | 8/13/24 15:53 | 8/13/24 16:28 | 0:34 | | 0.5 |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:03 | 8/14/24 10:35 | 0:31 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:30 | 8/14/24 11:05 | 0:35 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:24 | 8/14/24 14:00 | 0:35 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General | |
|------------------|--|---|---|-----------------------------|-----------------------------|------------|------------|
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:16 | 8/14/24 16:15 | 0:59 | 1.0 | | |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:29 | 8/15/24 9:07 | 0:37 | 0.5 | | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:09 | 8/15/24 9:40 | 0:30 | 0.5 | | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:42 | 8/15/24 10:15 | 0:32 | 0.5 | | |
| Washington, Tara | Credits Requested: Wastewater | | | Total Credits Earned | 2.0 | 4.5 | |
| | Welcome & Keynote Address | 8/13/24 7:57 | 8/13/24 9:00 | 1:02 | | 1.0 | |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 | |
| | Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures | 8/13/24 15:00 | 8/13/24 15:26 | 0:26 | 0.5 | | |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:29 | 8/13/24 16:57 | 0:28 | | 0.5 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:33 | 8/14/24 14:30 | 0:57 | | 1.0 | |
| | A Gen Z Perspective on the Wastewater Industry | 8/14/24 15:19 | 8/14/24 15:55 | 0:35 | | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:33 | 8/15/24 9:01 | 0:27 | | 0.5 | |
| | Flexing Your Procurement Muscle | 8/15/24 9:06 | 8/15/24 9:37 | 0:30 | 0.5 | | |
| | Basics of pH | 8/15/24 9:45 | 8/15/24 10:15 | 0:30 | 0.5 | | |
| | It's Raining N! The Future of Total Nitrogen Limits | 8/15/24 11:27 | 8/15/24 11:56 | 0:29 | 0.5 | | |
| | Watkins, Scot | Credits Requested: Wastewater | | | Total Credits Earned | 4.5 | 1.0 |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|-----------------------|---|---|---|--------------------------|--------------|------------|
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:26 | 8/13/24 11:42 | 1:15 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:18 | 8/13/24 13:55 | 0:36 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:00 | 8/13/24 14:32 | 0:31 | 0.5 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:54 | 8/14/24 8:26 | 0:32 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:26 | 8/14/24 10:00 | 0:33 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:04 | 8/14/24 11:01 | 0:56 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:26 | 8/14/24 14:02 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| Watson, Joshua | Credits Requested: Wastewater | | Total Credits Earned | | 4.5 | 0.0 |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:57 | 8/14/24 8:26 | 0:29 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:27 | 8/14/24 9:00 | 0:32 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:29 | 8/14/24 10:00 | 0:30 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:03 | 8/14/24 10:35 | 0:31 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:27 | 8/14/24 11:05 | 0:38 | 0.5 | |
| | 21ST Century FOG Management | 8/14/24 13:17 | 8/14/24 14:00 | 0:42 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|----------------------|--|---|---|-----------------------------|--------------|------------|
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:04 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:15 | 1:01 | 1.0 | |
| Weaver, Jason | Credits Requested: Wastewater | | | Total Credits Earned | 10.0 | 4.0 |
| | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:30 | 8/13/24 11:42 | 1:11 | 1.0 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:19 | 8/13/24 13:55 | 0:35 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:04 | 8/13/24 14:32 | 0:27 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:50 | 8/13/24 15:25 | 0:34 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | |
| | Energy Efficient Retrofits of Oxidation ditches | 8/14/24 7:52 | 8/14/24 8:26 | 0:34 | 0.5 | |
| | Benefits of Big Bubble Mixing | 8/14/24 8:28 | 8/14/24 9:00 | 0:31 | 0.5 | |
| | WWTP Non-Potable Water Systems – The Neglected Plant Process | 8/14/24 9:25 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | Using your data and SCADA for maintenance and savings | 8/14/24 10:02 | 8/14/24 11:01 | 0:58 | | 1.0 |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:02 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |

| Full Name | Session Name | Session Check-In Date (GMT-05:00) Eastern [US & Canada] | Checkout Date (GMT-05:00) Eastern [US & Canada] | Duration (Hours:Minutes) | WW Technical | WW General |
|--------------------------|--|---|---|--------------------------|--------------|------------|
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | |
| | Wastewater Challenge Demonstration | 8/14/24 16:27 | 8/14/24 16:55 | 0:28 | | 0.5 |
| | Ultra-Low Phosphorus Limits | 8/15/24 7:49 | 8/15/24 8:30 | 0:41 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:07 | 1.0 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:39 | 8/15/24 10:15 | 0:35 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:13 | 8/15/24 10:47 | 0:34 | 0.5 | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:53 | 8/15/24 11:25 | 0:31 | | 0.5 |
| | Grit Happens - Sustainable Solutions for Grit Management At WWTPs | 8/15/24 11:21 | 8/15/24 11:55 | 0:34 | 0.5 | |
| Webb, Dr. Bryan | Credits Requested: Wastewater | | Total Credits Earned | | 3.0 | 1.0 |
| | Welcome & Keynote Address | 8/13/24 7:55 | 8/13/24 9:00 | 1:04 | | 1.0 |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:23 | 8/13/24 13:57 | 0:33 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:01 | 8/13/24 14:32 | 0:30 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:55 | 8/13/24 15:27 | 0:32 | 0.5 | |
| | Out In The Field Not In A Book | 8/14/24 8:00 | 8/14/24 8:57 | 0:57 | 1.0 | |
| | Water Treatment Regulatory Terms & Definitions | 8/14/24 9:27 | 8/14/24 10:00 | 0:33 | 0.5 | |
| Werbianskyj, Greg | Credits Requested: Wastewater | | Total Credits Earned | | 11.5 | 2.5 |
| | Welcome & Keynote Address | 8/13/24 7:58 | 8/13/24 9:00 | 1:01 | | 1.0 |
| | Workforce Development Roundtable | 8/13/24 9:10 | 8/13/24 10:16 | 1:05 | | 1.0 |
| | Conversion of an underutilized combined sewer to a storm sewer | 8/13/24 10:30 | 8/13/24 11:10 | 0:39 | 0.5 | |

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|-----------|---|---|---|--------------------------|--------------|------------|
| | In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana | 8/13/24 11:11 | 8/13/24 11:49 | 0:37 | 0.5 | |
| | Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | 8/13/24 13:25 | 8/13/24 13:55 | 0:29 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:01 | 8/13/24 14:32 | 0:30 | 0.5 | |
| | Total Nitrogen Treatment – What is Required vs. What is Realistic | 8/13/24 14:57 | 8/13/24 14:59 | 0:01 | 0.0 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:59 | 8/13/24 15:25 | 0:25 | 0.5 | |
| | Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits | 8/13/24 15:53 | 8/13/24 16:55 | 1:01 | 1.0 | |
| | Out In The Field Not In A Book | 8/14/24 7:51 | 8/14/24 8:57 | 1:06 | 1.0 | |
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:24 | 8/14/24 10:00 | 0:35 | 0.5 | |
| | North Interceptor Sewer - Danville, IN | 8/14/24 10:03 | 8/14/24 10:35 | 0:31 | 0.5 | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:26 | 8/14/24 11:05 | 0:39 | 0.5 | |
| | 50 Years Later and SND Still Works | 8/14/24 13:25 | 8/14/24 14:02 | 0:36 | 0.5 | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:05 | 8/14/24 14:35 | 0:30 | 0.5 | |
| | Lafayette Prairie Oaks Pipeline Rehab | 8/14/24 15:13 | 8/14/24 15:55 | 0:42 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:51 | 8/14/24 16:26 | 0:34 | 0.5 | |
| | Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket | 8/14/24 16:29 | 8/14/24 16:55 | 0:26 | 0.5 | |

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|---------------------------------|--|---|---|--------------------------|--------------|------------|
| | Tips for Labs that you may not know | 8/15/24 7:53 | 8/15/24 8:30 | 0:37 | 0.5 | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:32 | 8/15/24 9:01 | 0:29 | | 0.5 |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:08 | 8/15/24 9:40 | 0:31 | 0.5 | |
| | Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges | 8/15/24 9:45 | 8/15/24 10:15 | 0:29 | 0.5 | |
| | Sustained 60 MGD? Sure, why not! | 8/15/24 10:09 | 8/15/24 10:47 | 0:38 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 11:01 | 8/15/24 11:55 | 0:54 | 1.0 | |
| Williams, Craig | Credits Requested: Drinking Water, Wastewater | | Total Credits Earned | | 4.0 | 2.5 |
| | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:37 | 8/13/24 11:42 | 1:04 | 1.0 | |
| | IDEM Update | 8/13/24 15:57 | 8/13/24 16:28 | 0:31 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:30 | 8/13/24 16:57 | 0:27 | | 0.5 |
| | Challenges In The Field | 8/14/24 10:02 | 8/14/24 10:58 | 0:55 | 1.0 | |
| | Unveiling the Power of Regionalization: A Strategic Approach for Success | 8/14/24 10:35 | 8/14/24 11:04 | 0:28 | | 0.5 |
| | Back to Basics: Review of UV Disinfection | 8/15/24 8:31 | 8/15/24 9:07 | 0:35 | 0.5 | |
| | Primary Clarifier Sludge and Scum | 8/15/24 9:10 | 8/15/24 9:40 | 0:29 | 0.5 | |
| | City of Kalamazoo's Holistic Approach to Selecting New Process Technologies | 8/15/24 9:45 | 8/15/24 10:50 | 1:04 | | 1.0 |
| | Keeping pace with current dynamic state of UV disinfection. An overview of different style UV systems, and what are the drivers when picking between technologies. | 8/15/24 10:17 | 8/15/24 11:30 | 1:12 | 1.0 | |
| Williams, William (Bill) | | | | | | |

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|---------------------|---|---|---|-----------------------------|--------------|------------|
| | Credits Requested: Wastewater | | | Total Credits Earned | 4.5 | 4.0 |
| | Welcome & Keynote Address | 8/13/24 7:49 | 8/13/24 9:00 | 1:10 | | 1.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:29 | 8/13/24 11:42 | 1:13 | 1.0 | |
| | PFAS Regulations Impact on the Future of Land Application | 8/13/24 13:22 | 8/13/24 13:57 | 0:34 | 0.5 | |
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:04 | 8/13/24 14:32 | 0:28 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:56 | 8/13/24 15:25 | 0:28 | 0.5 | |
| | IDEM Update | 8/13/24 15:59 | 8/13/24 16:28 | 0:28 | | 0.5 |
| | The Need to Understand and Manage Water Availability within Basins in Indiana | 8/13/24 16:32 | 8/13/24 16:57 | 0:25 | | 0.5 |
| | Hydraulic Modeling - What is it good for? | 8/14/24 8:25 | 8/14/24 9:00 | 0:35 | 0.5 | |
| | Rate inequity: are your residents subsidizing the growth in your community? | 8/14/24 9:24 | 8/14/24 10:30 | 1:05 | | 1.0 |
| | Howard Roosa Sewer – The Final Outcome of this Non- Traditional, Flexible Approach to Salvaging an Almost 100-Year- Old Sewer | 8/14/24 10:34 | 8/14/24 11:05 | 0:31 | 0.5 | |
| | Water and Wastewater Workforce Development – Is your community ready for the challenge? | 8/14/24 13:35 | 8/14/24 14:30 | 0:54 | | 1.0 |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:17 | 8/14/24 15:50 | 0:33 | 0.5 | |
| | Use of Pipe Storage System for Sustainable CSO Reduction | 8/14/24 15:50 | 8/14/24 16:26 | 0:35 | 0.5 | |
| Wilson, Erin | Credits Requested: Wastewater | | | Total Credits Earned | 2.5 | 0.0 |
| | Critical Maintenance Techniques Your Plant may be over looking | 8/13/24 10:28 | 8/13/24 11:42 | 1:13 | 1.0 | |

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|--|---|---|---|-----------------------------|-----------------------------|------------|------------|
| | Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections | 8/14/24 9:25 | 8/14/24 10:00 | 0:34 | 0.5 | | |
| | Challenges In The Field | 8/14/24 10:06 | 8/14/24 10:58 | 0:52 | 1.0 | | |
| Wood, Anthony | Credits Requested: Wastewater | | | Total Credits Earned | 5.0 | 1.0 | |
| | Mastering the Art of Master Planning | 8/14/24 8:00 | 8/14/24 9:00 | 1:00 | 1.0 | | |
| | Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer | 8/14/24 10:33 | 8/14/24 11:05 | 0:32 | 0.5 | | |
| | 50 Years Later and SND Still Works | 8/14/24 13:31 | 8/14/24 14:02 | 0:31 | 0.5 | | |
| | Requirements vs. Reality - Design Capacity Compared to Real World Observations | 8/14/24 14:03 | 8/14/24 14:35 | 0:32 | 0.5 | | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:08 | 8/14/24 14:35 | 0:26 | 0.5 | | |
| | Adaptive mixing and process optimization with energy savings | 8/14/24 15:23 | 8/14/24 15:50 | 0:27 | 0.5 | | |
| | Tips for Labs that you may not know | 8/15/24 8:02 | 8/15/24 8:30 | 0:27 | 0.5 | | |
| | IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION | 8/15/24 8:32 | 8/15/24 9:01 | 0:29 | | 0.5 | |
| | Basics of pH | 8/15/24 9:46 | 8/15/24 10:15 | 0:29 | 0.5 | | |
| | A case for better lab results | 8/15/24 10:17 | 8/15/24 10:47 | 0:29 | 0.5 | | |
| | Contrasting Design Considerations: Municipal Vs Industrial WWTPs | 8/15/24 10:54 | 8/15/24 11:25 | 0:30 | | 0.5 | |
| | Wright, Christopher | Credits Requested: Wastewater | | | Total Credits Earned | 9.0 | 0.5 |
| | | Biosolids: Fail to Plan; Plan to Fail | 8/13/24 10:29 | 8/13/24 11:42 | 1:12 | 1.0 | |
| Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities | | 8/13/24 13:15 | 8/13/24 14:00 | 0:44 | 0.5 | | |

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|-----------|--|---|---|--------------------------|--------------|------------|
| | Optimizing Final Clarifiers – From Concept to Demonstrated Performance | 8/13/24 14:01 | 8/13/24 14:32 | 0:30 | 0.5 | |
| | Benefits of Partnering to Reduce Inflow and Infiltration | 8/13/24 14:48 | 8/13/24 15:25 | 0:37 | 0.5 | |
| | IDEM Update | 8/13/24 15:50 | 8/13/24 16:28 | 0:38 | | 0.5 |
| | Challenges In The Field | 8/14/24 10:00 | 8/14/24 10:58 | 0:57 | 1.0 | |
| | 21ST Century FOG Management | 8/14/24 13:16 | 8/14/24 14:00 | 0:44 | 0.5 | |
| | IU Permits and Applying the Combined Wastestream Formula | 8/14/24 14:05 | 8/14/24 14:35 | 0:29 | 0.5 | |
| | Enforcement Response Plan, Violations, and Significant Non-Compliance | 8/14/24 15:14 | 8/14/24 16:15 | 1:01 | 1.0 | |
| | Transforming Compliance Using Collaborative Technology | 8/14/24 16:21 | 8/14/24 16:58 | 0:36 | 0.5 | |
| | Informed Decision-Making for Electrical and Controls Systems | 8/15/24 8:32 | 8/15/24 9:39 | 1:07 | 1.0 | |
| | Basics of pH | 8/15/24 9:43 | 8/15/24 10:15 | 0:32 | 0.5 | |
| | A case for better lab results | 8/15/24 10:17 | 8/15/24 10:47 | 0:30 | 0.5 | |
| | Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories | 8/15/24 10:57 | 8/15/24 11:55 | 0:57 | 1.0 | |