

	Credits Requested:		Total Credits Earned	2.0	2.0	4.0	4.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:52	8/13/24 11:10	0:17	0.0	0.0	0.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:31	8/13/24 13:57	0:25		0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:01	8/13/24 14:28	0:26		0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:57	8/13/24 15:26	0:28		0.5	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	0.5
	Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:56	0:55	1.0		1.0
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:26	8/14/24 14:00	0:34	0.5		0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5		0.5
Adams, Odise	Credits Requested: PDHs		Total Credits Earned	1.5	4.0	5.5	5.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:05	0:54		1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5		0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:37	0.5		0.5
	IDEM Update	8/13/24 15:58	8/13/24 16:25	0:27		0.5	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 10:38	8/14/24 11:05	0:26	0.5		0.5
	Ethics in Engineering	8/14/24 13:32	8/14/24 14:30	0:58		1.0	1.0
	Indiana Law and Statutes	8/14/24 15:25	8/14/24 16:21	0:55		1.0	1.0
	Leading Change	8/14/24 16:31	8/14/24 16:58	0:27		0.5	0.5
ADU SARKODIE, KWABENA	Credits Requested: Wastewater		Total Credits Earned	8.5	3.5	12.0	12.0

Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:16	8/13/24 11:40	1:24	1.0	1.0	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	0.5	0.5		
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:25	0.5	0.5	0.5		
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:49	8/13/24 15:25	0:36	0.5	0.5	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	1.0	1.0		
Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:25	0:24	0.5	0.5	0.5		
Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0	1.0		
Ethics in Engineering	8/14/24 13:17	8/14/24 14:30	1:13	1.0	1.0	1.0		
Indiana Law and Statutes	8/14/24 15:21	8/14/24 16:21	1:00	1.0	1.0	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	0.5	0.5		
Ultra-Low Phosphorus Limits	8/15/24 7:52	8/15/24 8:30	0:37	0.5	0.5	0.5		
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:36	8/15/24 9:37	1:01	1.0	1.0	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	0.5	0.5		
Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:45	0:32	0.5	0.5	0.5		
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30	0.5	0.5	0.5		
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	0.5	0.5		
Agoro, Olalekan	Credits Requested:			Total Credits Earned	0.5	2.0	2.5	2.5

	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:03	0:53		1.0	1.0	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		0.5	0.5	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:28	8/13/24 13:59	0:31		0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	0.5	0.5	
Akers, Kenneth									
	Credits Requested: Wastewater				Total Credits Earned	11.5	1.5	13.0	13.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09		1.0	1.0	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		1.0	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		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:25	0.5		0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:49	8/13/24 15:25	0:36	0.5		0.5	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		1.0	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		0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5		0.5	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		0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5		0.5	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		0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:51	8/15/24 8:30	0:39	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:05	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:19	8/15/24 10:45	0:25	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:28		0.5	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	0.5	0.5
	Akles, Tony						
	Credits Requested:				0.5	3.5	4.0
	Total Credits Earned						4.0
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:37	8/14/24 10:30	0:52		1.0	1.0
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:30	8/14/24 11:02	0:32		0.5	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	1.0
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5		0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28		0.5	0.5

	Wastewater Challenge Demonstration	8/14/24 16:29	8/14/24 16:55	0:25		0.5	0.5	0.5
Alberson, Branden	Credits Requested: Wastewater		Total Credits Earned		5.0	1.5	6.5	6.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:23	8/13/24 13:51	0:27		0.5	0.5	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		0.5	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		0.5	0.5
	IDEM Update	8/13/24 15:50	8/13/24 16:25	0:35		0.5	0.5	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:51	8/14/24 8:21	0:29	0.5		0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5		0.5	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		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5		0.5	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		0.5	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		0.5	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		0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:10	8/14/24 15:55	0:44		0.5	0.5	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		0.5	0.5
Albin, Steven	Credits Requested: Wastewater		Total Credits Earned		6.0	1.5	7.5	7.5

	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:36	8/13/24 11:40	1:04	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:25	0.5	0.5	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	1.0	1.0
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:29	8/14/24 16:55	0:25	0.5	0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:56	8/15/24 8:30	0:34	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:33	8/15/24 9:10	0:37	0.5	0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:45	0:28	0.5	0.5	0.5
Alexander, Andrea	Credits Requested: Wastewater			Total Credits Earned	8.5	4.0	12.5
	Welcome & Keynote Address	8/13/24 8:03	8/13/24 9:00	0:56	1.0	1.0	1.0
	Operator Certification Update	8/13/24 10:31	8/13/24 11:07	0:36	0.5	0.5	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	0.5	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	0.5	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	0.5	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	0.5	0.5
IDEM Update	8/13/24 15:56	8/13/24 16:25	0:29		0.5	0.5
The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:31	8/13/24 16:58	0:26		0.5	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	0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5
21ST Century FOG Management	8/14/24 13:31	8/14/24 13:58	0:26	0.5	0.5	0.5
IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:30	0.5	0.5	0.5
Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:23	8/14/24 16:13	0:50	1.0	1.0	1.0
Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:57	0:35	0.5	0.5	0.5
Tips for Labs that you may not know	8/15/24 8:00	8/15/24 8:30	0:30	0.5	0.5	0.5
Emergency Preparedness and Procedures	8/15/24 8:34	8/15/24 9:10	0:36		0.5	0.5
Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:17	8/15/24 10:45	0:27	0.5	0.5	0.5

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30	0.5	0.5	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	0.5	0.5
Allred, Justin	Credits Requested:		Total Credits Earned	3.0	0.0	3.0	3.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:31	8/14/24 10:00	0:28	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:32	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5
Almeter, Clara	Credits Requested: PDHs		Total Credits Earned	0.5	3.5	4.0	4.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:03	0:53	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:41	8/13/24 11:10	0:28	0.5	0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:25	8/13/24 13:51	0:25	0.5	0.5	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 14:28	0:28	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:01	8/13/24 15:27	0:25	0.5	0.5	0.5
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:32	0.5	0.5	0.5

	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:30	8/13/24 16:55	0:25	0.5	0.5	0.5
ALSTON, TIM	Credits Requested: Wastewater						
				Total Credits Earned	5.0	3.5	8.5
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08	1.0	1.0	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	0.5	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	0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:31	8/13/24 13:57	0:25	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:25	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:49	8/13/24 15:25	0:36	0.5	0.5	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	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:33	8/14/24 14:00	0:26	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:38	0.5	0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:30	8/14/24 16:55	0:24	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:27	8/15/24 9:37	1:10	1.0	1.0	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	1.0	1.0
	Sustained 60 MGD? Sure, why not!	8/15/24 10:20	8/15/24 10:45	0:25	0.5	0.5	0.5
Anderson, Jabez	Credits Requested: PDHs						
				Total Credits Earned	3.0	2.0	5.0

	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:05	8/14/24 8:25	0:19	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:04	8/14/24 10:55	0:50	1.0	1.0	1.0
	Ethics in Engineering	8/14/24 13:18	8/14/24 14:30	1:12		1.0	1.0
	Indiana Law and Statutes	8/14/24 15:17	8/14/24 16:21	1:03		1.0	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	0.5	0.5
Anderson, John							
	Credits Requested: PDHs	Total Credits Earned			4.0	5.0	9.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:03	0:53		1.0	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		0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:37	0.5		0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 13:59	0:31		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:53	8/13/24 15:25	0:32	0.5		0.5
	IDEM Update	8/13/24 15:52	8/13/24 16:25	0:33		0.5	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	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		0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5		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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5	0.5	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	0.5	0.5
	Ethics in Engineering	8/14/24 13:21	8/14/24 14:30	1:09		1.0	1.0
	Indiana Law and Statutes	8/14/24 15:13	8/14/24 16:21	1:08		1.0	1.0
Anema, Noah							
	Credits Requested:		Total Credits Earned		1.5	1.5	3.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:29	8/13/24 13:55	0:26		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	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	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	1.0	1.0
Arbuckle, John							
	Credits Requested: PDHs		Total Credits Earned		4.5	4.0	8.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:03	0:53		1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:37	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 13:59	0:32		0.5	0.5

	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:25	0.5	0.5	0.5
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:58	8/13/24 16:55	0:57	1.0	1.0	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	1.0	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 10:35	8/14/24 11:05	0:30	0.5	0.5	0.5
	Ethics in Engineering	8/14/24 13:24	8/14/24 14:30	1:06	1.0	1.0	1.0
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:19	8/14/24 16:13	0:54	1.0	1.0	1.0
	Transforming Compliance Using Collaborative Technology	8/14/24 16:23	8/14/24 16:57	0:33	0.5	0.5	0.5
Armcast, Mary							
	Credits Requested:		Total Credits Earned		0.5	0.0	0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:24	8/14/24 9:58	0:34	0.5	0.5	0.5
Ashack, Len							
	Credits Requested: Wastewater		Total Credits Earned		5.5	0.5	6.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:29	8/13/24 11:40	1:11	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	0.5
	IDEM Update	8/13/24 15:50	8/13/24 16:25	0:35	0.5	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:53	8/14/24 8:25	0:31	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:33	0.5	0.5	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	0.5	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	0.5	0.5	
	21ST Century FOG Management	8/14/24 13:54	8/14/24 13:58	0:03	0.0	0.0	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	0.5	0.5	
Ashack, Rebecca	Credits Requested: Drinking Water			Total Credits Earned	2.5	2.5	5.0	5.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:53	8/14/24 8:25	0:31	0.5	0.5	0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:30	8/14/24 9:00	0:29	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:33	0.5	0.5	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	0.5	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	1.0	1.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:29	8/14/24 15:55	0:25		0.5	0.5	0.5
	Leading Change	8/14/24 16:28	8/14/24 16:58	0:30		0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28		0.5	0.5	0.5
AWOSIKA, KOLA	Credits Requested:			Total Credits Earned	6.0	8.0	14.0	14.0

Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03		1.0	1.0	1.0
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:03	0:53		1.0	1.0	1.0
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:31	8/13/24 11:40	1:08	1.0		1.0	1.0
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:30		0.5	0.5	0.5
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:30		0.5	0.5	0.5
Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:00	8/13/24 15:25	0:25	0.5		0.5	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		1.0	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		0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5		0.5	0.5
Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:33	8/14/24 10:30	0:56		1.0	1.0	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	0:30	0.5		0.5	0.5
Ethics in Engineering	8/14/24 13:26	8/14/24 14:30	1:03		1.0	1.0	1.0
Indiana Law and Statutes	8/14/24 15:11	8/14/24 16:21	1:09		1.0	1.0	1.0
Wastewater Challenge Demonstration	8/14/24 16:30	8/14/24 16:55	0:24		0.5	0.5	0.5
Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 8:02	8/15/24 8:30	0:28		0.5	0.5	0.5
Emergency Preparedness and Procedures	8/15/24 8:36	8/15/24 9:10	0:33		0.5	0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5		0.5	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:45	0:33	0.5	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:55	8/15/24 11:25	0:30	0.5	0.5	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	0.5	0.5	
Badawi, Ahmad								
	Credits Requested: PDHs	Total Credits Earned			1.5	1.5	3.0	3.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:38	8/13/24 11:10	0:32	0.5	0.5	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	0.5	0.5	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:00	0:33	0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29	0.5	0.5	0.5	
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:58	8/13/24 15:25	0:27	0.5	0.5	0.5	
	IDEM Update	8/13/24 15:52	8/13/24 16:25	0:32	0.5	0.5	0.5	
Baggett, Nathan								
	Credits Requested: PDHs	Total Credits Earned			5.0	3.5	8.5	8.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:40	8/13/24 11:10	0:29	0.5	0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:47	0:39	0.5	0.5	0.5	
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:25	8/13/24 13:55	0:30	0.5	0.5	0.5	

Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:04	8/13/24 14:32	0:27		0.5	0.5	0.5
Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:00	8/13/24 15:25	0:25	0.5		0.5	0.5
IDEM Update	8/13/24 15:56	8/13/24 16:25	0:29		0.5	0.5	0.5
Mastering the Art of Master Planning	8/14/24 7:57	8/14/24 9:00	1:03	1.0		1.0	1.0
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	1.0	1.0
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:30	8/14/24 11:02	0:32		0.5	0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:28	8/14/24 14:00	0:32	0.5		0.5	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		0.5	0.5
A Gen Z Perspective on the Wastewater Industry	8/14/24 15:20	8/14/24 15:55	0:34		0.5	0.5	0.5
Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:52	8/14/24 16:26	0:34	0.5		0.5	0.5
Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:26	8/14/24 16:55	0:28	0.5		0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:31	0.5		0.5	0.5
Bainter, Jessica							
Credits Requested:				Total Credits Earned	3.5	5.0	8.5
Welcome & Keynote Address	8/13/24 7:52	8/13/24 9:00	1:07		1.0	1.0	1.0
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:03	0:53		1.0	1.0	1.0
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:38	8/13/24 11:40	1:01	1.0		1.0	1.0
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5		0.5	0.5
Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5		0.5	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	0.5	0.5		
	Using your data and SCADA for maintenance and savings	8/14/24 10:08	8/14/24 10:59	0:50		1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:17	8/14/24 16:21	1:04		1.0	1.0		
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:26		0.5	0.5		
	Tips for Labs that you may not know	8/15/24 7:56	8/15/24 8:30	0:34	0.5		0.5		
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:00	0:27		0.5	0.5		
	Flexing Your Procurement Muscle	8/15/24 9:08	8/15/24 9:37	0:28	0.5		0.5		
Baker, Sarah									
	Credits Requested:				Total Credits Earned	1.5	1.0	2.5	2.5
	Welcome & Keynote Address	8/13/24 8:09	8/13/24 9:00	0:50		1.0	1.0	1.0	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:29	8/13/24 13:55	0:25	0.5		0.5	0.5	
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:31	8/14/24 10:00	0:29	0.5		0.5	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		0.5	0.5	
Ballard, Nathaniel									
	Credits Requested:				Total Credits Earned	0.0	1.0	1.0	1.0
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:27		0.5	0.5	0.5	
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:27		0.5	0.5	0.5	
Ballinger, Justin									
	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	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		0.5	0.5	
Barlow, John									
	Credits Requested: Wastewater				Total Credits Earned	4.0	1.0	5.0	5.0
	Operator Certification Update	8/13/24 10:34	8/13/24 11:07	0:32		0.5	0.5	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	0.5	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	0.5	
	IDEM Update	8/13/24 15:56	8/13/24 16:26	0:29		0.5	0.5	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:25	0:28	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:30	8/14/24 9:00	0:30	0.5	0.5	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	0.5	0.5	
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:00	0:35	0.5	0.5	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	0.5	0.5	
Barrett, Dann	Credits Requested:	Total Credits Earned			1.0	2.0	3.0	3.0
	Welcome & Keynote Address	8/13/24 8:03	8/13/24 9:00	0:56		1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:03	0:53		1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:36	8/13/24 11:40	1:03	1.0	1.0	1.0	
Basting, Jennifer	Credits Requested:	Total Credits Earned			0.5	0.0	0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:54	8/13/24 15:25	0:30	0.5	0.5	0.5	
Beard, Michael	Credits Requested: Wastewater	Total Credits Earned			4.5	0.0	4.5	4.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:58	8/14/24 8:25	0:26	0.5	0.5	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	0.5	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	0.5	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	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:57	8/15/24 8:30	0:32	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:35	8/15/24 9:37	1:02	1.0	1.0	1.0
Beaver, Adam							
	Credits Requested:				4.5	0.5	5.0
	Total Credits Earned						5.0
	Out In The Field Not In A Book	8/14/24 7:51	8/14/24 8:56	1:05	1.0	1.0	1.0
	Benefits of Big Bubble Mixing	8/14/24 8:31	8/14/24 9:00	0:29	0.5	0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:03	8/14/24 10:55	0:51	1.0	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:30	8/14/24 14:00	0:29	0.5	0.5	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	0:25	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:39		0.5	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	0.5	0.5
Beebe, Jacob							
	Credits Requested:				1.5	0.0	1.5
	Total Credits Earned						1.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:55	8/14/24 8:21	0:25	0.5	0.5	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	0.5	0.5

	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5	
Beeching, Spencer	Credits Requested: PDHs		Total Credits Earned		1.5	0.0	1.5	1.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:59	8/14/24 8:25	0:25	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	0.5	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:30	8/14/24 9:58	0:28	0.5	0.5	0.5	
Beeler, Brian	Credits Requested:		Total Credits Earned		1.0	0.0	1.0	1.0
	Fail	8/13/24 10:32	8/13/24 11:40	1:07	1.0	1.0	1.0	
Behrens, Claus	Credits Requested:		Total Credits Earned		1.0	0.5	1.5	1.5
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:53	8/13/24 16:55	1:02	1.0	1.0	1.0	
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	0.5	
Beisiegel, Jamin	Credits Requested: Drinking Water, Wastewater		Total Credits Earned		9.0	2.0	11.0	11.0
	Operator Certification Update	8/13/24 10:30	8/13/24 11:07	0:36	0.5	0.5	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	0.5	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	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	0.5	0.5	
	IDEM Update	8/13/24 15:56	8/13/24 16:26	0:29	0.5	0.5	0.5	
	Out In The Field Not In A Book	8/14/24 7:51	8/14/24 8:56	1:05	1.0	1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:22	8/14/24 9:58	0:36	0.5	0.5	0.5	
	Challenges In The Field	8/14/24 10:09	8/14/24 11:02	0:53	1.0	1.0	1.0	
	50 Years Later and SND Still Works	8/14/24 13:37	8/14/24 14:02	0:25	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:21	8/14/24 15:55	0:34	0.5	0.5	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	0.5	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	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:55	8/15/24 8:30	0:35	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:04	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:45	0:31	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31		0.5	0.5
BENN, BRYAN							
	Credits Requested:				Total Credits Earned	0.0	0.0
						0.0	0.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:21	8/14/24 8:25	0:03	0.0	0.0	0.0
Berg, Nathaniel							
	Credits Requested:				Total Credits Earned	1.0	0.0
						1.0	1.0
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:13	8/14/24 16:13	0:59	1.0	1.0	1.0
Bertram, Tim							
	Credits Requested:				Total Credits Earned	0.0	1.0
						1.0	1.0
	Welcome & Keynote Address	8/13/24 8:08	8/13/24 9:00	0:51		1.0	1.0
Bidlack, Angelyn							
	Credits Requested: PDHs				Total Credits Earned	2.0	0.0
						2.0	2.0
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:27	8/14/24 14:00	0:33	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
Bigelow, Todd	Credits Requested: Wastewater		Total Credits Earned	7.0	1.5	8.5	8.5
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:00		1.0	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	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:36	0.5	0.5	0.5
	IDEM Update	8/13/24 15:50	8/13/24 16:26	0:35		0.5	0.5
	Out In The Field Not In A Book	8/14/24 7:52	8/14/24 8:56	1:04	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:23	8/14/24 9:58	0:35	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:01	8/14/24 10:55	0:54	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:16	8/14/24 13:58	0:42	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:13	0:59	1.0	1.0	1.0
Bishir, Jerry	Credits Requested: Wastewater		Total Credits Earned	9.5	4.5	14.0	14.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	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	1.0	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	0.5	0.5

Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	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	0.5	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	1.0	1.0
Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:54	8/14/24 8:25	0:31	0.5	0.5	0.5
Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	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	0.5	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	1.0	1.0
21ST Century FOG Management	8/14/24 13:23	8/14/24 13:58	0:35	0.5	0.5	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	0.5	0.5
Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	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	0.5	0.5
Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:54	8/15/24 8:30	0:36	0.5	0.5	0.5
Emergency Preparedness and Procedures	8/15/24 8:30	8/15/24 9:10	0:39	0.5	0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:32	0.5	0.5	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	0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:45	0:33	0.5	0.5	0.5

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:27	0.5	0.5	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	0.5	0.5		
Bland, Brian	Credits Requested:				Total Credits Earned	1.5	2.0	3.5	3.5
	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	0.5	0.5		
	Back to Basics: Review of UV Disinfection	8/15/24 8:33	8/15/24 9:05	0:31	0.5	0.5	0.5		
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:29	0.5	0.5	0.5		
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:42	8/15/24 10:50	1:08	1.0	1.0	1.0		
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:28	0.5	0.5	0.5		
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:28	8/15/24 11:55	0:27	0.5	0.5	0.5		
Blomquist, Bill	Credits Requested:				Total Credits Earned	0.5	0.0	0.0	0.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:50	8/13/24 11:10	0:19	0.5	0.0	0.0		
Boetcker, Bill	Credits Requested:				Total Credits Earned	1.0	0.5	1.5	1.5
	Tips for Labs that you may not know	8/15/24 7:52	8/15/24 8:30	0:37	0.5	0.5	0.5		
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:00	0:27	0.5	0.5	0.5		
	Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:37	0:30	0.5	0.5	0.5		
Boice, Audrey	Credits Requested:				Total Credits Earned	6.5	1.0	7.5	7.5
	Oxidation ditches	8/14/24 7:56	8/14/24 8:25	0:28	0.5	0.5	0.5		
	Hydraulic Modeling - What is it good for?	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	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	0:35	0.5	0.5	0.5	
	21ST Century FOG Management	8/14/24 13:33	8/14/24 13:58	0:25	0.5	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:18	8/14/24 15:55	0:36	0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:55	8/14/24 16:25	0:29		0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:59	8/15/24 8:30	0:30	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	0.5	
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:17	8/15/24 10:45	0:27	0.5	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:31		0.5	0.5	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:20	8/15/24 11:55	0:34	0.5	0.5	0.5	
Bollman, Patrick	Credits Requested:		Total Credits Earned		0.0	0.0	0.0	0.0
Bone, Jonathan	Credits Requested:		Total Credits Earned		1.5	0.0	1.5	1.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 9:58	0:25	0.5	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5	0.5	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:39	8/14/24 14:04	0:25	0.5	0.5	0.5	
Bontrager-Singer, Jamey	Credits Requested:		Total Credits Earned		3.5	8.5	12.0	12.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09		1.0	1.0	

Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	1.0
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:41	8/13/24 11:10	0:28	0.5		0.5	0.5
Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:29	8/13/24 13:55	0:26		0.5	0.5	0.5
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28		0.5	0.5	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		0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5		0.5	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		0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:30	8/14/24 14:00	0:30	0.5		0.5	0.5
Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:31	8/14/24 14:30	0:59		1.0	1.0	1.0
Ethics in Engineering	8/14/24 13:32	8/14/24 14:30	0:58		1.0	1.0	1.0
Indiana Law and Statutes	8/14/24 15:13	8/14/24 16:21	1:07		1.0	1.0	1.0
Transforming Compliance Using Collaborative Technology	8/14/24 16:29	8/14/24 16:57	0:28	0.5		0.5	0.5
Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 8:01	8/15/24 8:30	0:29		0.5	0.5	0.5
Emergency Preparedness and Procedures	8/15/24 8:38	8/15/24 9:10	0:31		0.5	0.5	0.5
Flexing Your Procurement Muscle	8/15/24 9:09	8/15/24 9:37	0:27	0.5		0.5	0.5
City of Kalamazoo’s Holistic Approach to Selecting New Process Technologies	8/15/24 9:53	8/15/24 10:50	0:57		1.0	1.0	1.0

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:27	0.5	0.5	0.5
Boone, Daniel	Credits Requested: Wastewater		Total Credits Earned	6.0	1.0	7.0	7.0
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04	1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:30	8/13/24 11:40	1:09	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	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	0.5	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	1.0	1.0
	Out In The Field Not In A Book	8/14/24 7:53	8/14/24 8:56	1:03	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 9:58	0:30	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:05	8/14/24 11:02	0:57	1.0	1.0	1.0
Bosse, Joy	Credits Requested:		Total Credits Earned	2.5	0.5	3.0	3.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5	0.5	0.5
	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:53	8/13/24 15:25	0:31	0.5	0.5	0.5
	IDEM Update	8/13/24 15:56	8/13/24 16:26	0:30	0.5	0.5	0.5
Bourke, Alex	Credits Requested:		Total Credits Earned	4.5	0.5	5.0	5.0

	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:56	8/14/24 8:21	0:25	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:31	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:39		0.5	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	0.5	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	0.5	0.5
Bowling, Angela	Credits Requested:			Total Credits Earned	7.0	2.5	9.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:42	8/13/24 11:40	0:57	1.0		1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:38	8/13/24 14:00	0:22	0.5		0.0
	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		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	0.5
							0.5

	Mastering the Art of Master Planning	8/14/24 7:56	8/14/24 9:00	1:04	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:37	8/14/24 14:02	0:25	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:19	8/14/24 16:13	0:54	1.0	1.0	1.0
	Getting the Next Generation Excited about Wastewater	8/14/24 16:00	8/14/24 16:25	0:25		0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:56	8/15/24 8:30	0:34	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:32	8/15/24 9:00	0:27		0.5	0.5
	Basics of pH	8/15/24 9:49	8/15/24 10:15	0:26	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:15	8/15/24 10:47	0:31	0.5	0.5	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	1.0	1.0
Bragiel, Jeff	Credits Requested:			Total Credits Earned	0.5	0.0	0.5
					0.5	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:36	8/14/24 14:04	0:28	0.5	0.5	0.5
Brooks, Richey	Credits Requested:			Total Credits Earned	4.0	2.0	6.0
					4.0	2.0	6.0
	Welcome & Keynote Address	8/13/24 8:07	8/13/24 9:00	0:53		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:28	8/13/24 11:40	1:12	1.0	1.0	1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:25	8/13/24 13:55	0:30	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 15:00	8/13/24 15:25	0:25	0.5	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:25	0:28	0.5	0.5	0.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:25	8/14/24 10:00	0:35	0.5	0.5	0.5

	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:32	8/14/24 16:58	0:25	0.5	0.5	0.5
Brune, Nathan	Credits Requested: PDHs			Total Credits Earned	7.5	1.0	8.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:56	8/14/24 8:21	0:25	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:31	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:33	8/14/24 11:02	0:29		0.5	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	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:38		0.5	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:50	8/15/24 8:30	0:40	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:05	1.0	1.0	1.0
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:45	0:29	0.5	0.5	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	1.0	1.0
BRZYSKI, CURTIS	Credits Requested:			Total Credits Earned	0.5	1.5	2.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:26	8/13/24 13:55	0:28		0.5	0.5

	Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 9:58	0:25	0.5	0.5	0.5
	Using your data and SCADA for maintenance and savings	8/14/24 10:04	8/14/24 10:58	0:53		1.0	1.0
Buechler, Dylan	Credits Requested:		Total Credits Earned	2.0	0.5	2.5	2.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:13	8/13/24 11:47	0:33	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:32		0.5	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	0.5	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	0.5	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	0.5	0.5
Buell, Kristen	Credits Requested: PDHs		Total Credits Earned	2.5	1.5	4.0	4.0
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	0.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:23	8/14/24 10:00	0:36	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:32	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:32	8/14/24 11:02	0:30		0.5	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	0.5	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	0.5	0.5
	Indiana Law and Statutes	8/14/24 15:18	8/14/24 16:21	1:03		1.0	1.0
Burdick, Rowan	Credits Requested:		Total Credits Earned	3.0	0.5	3.5	3.5

	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:32	8/13/24 11:40	1:07	1.0	1.0	1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:26	8/13/24 13:55	0:28	0.5	0.5	0.5
	Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants	8/13/24 14:02	8/13/24 14:28	0:26	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:00	0:27	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:11	8/15/24 9:37	0:26	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:20	8/15/24 10:47	0:26	0.5	0.5	0.5
Burgelin, John							
	Credits Requested:				2.0	1.5	3.5
							3.5
	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:52	8/15/24 8:30	0:37	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:35	8/15/24 9:05	0:29	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:13	8/15/24 9:40	0:26	0.5	0.5	0.5
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:43	8/15/24 10:50	1:06	1.0	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	0.5
Burkhart, Darren							
	Credits Requested: PDHs				3.0	1.0	4.0
							4.0
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:30	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:34	8/14/24 11:02	0:28	0.5	0.5	0.5

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:25	8/14/24 14:00	0:35	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:18	8/14/24 15:55	0:36		0.5	0.5
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:57	8/14/24 16:26	0:29	0.5	0.5	0.5
Burnett, Tole							
	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54		1.0	1.0
Burns, Aaron							
	Credits Requested: PDHs		Total Credits Earned	6.0	3.5	9.5	9.5
	Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:13		1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5	0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:25	8/13/24 13:55	0:30		0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:55	8/13/24 14:28	0:33		0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:57	8/13/24 15:26	0:28		0.5	0.5
	SRF Basics	8/13/24 15:56	8/13/24 16:29	0:33		0.5	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	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:01	8/14/24 8:27	0:25	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5	0.5	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	0.5	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	0.5	0.5
Burroughs, Benjamin							
	Credits Requested: PDHs		Total Credits Earned	1.0	0.0	1.0	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	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:53	8/13/24 15:25	0:31	0.5	0.5	0.5
Butts, Samantha							
	Credits Requested:		Total Credits Earned	1.0	0.5	1.5	1.5
	21ST Century FOG Management	8/14/24 13:29	8/14/24 13:58	0:29	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:37		0.5	0.5
Caldwell, Christian							
	Credits Requested: Wastewater		Total Credits Earned	2.5	1.0	3.5	3.5
	Welcome & Keynote Address	8/13/24 8:01	8/13/24 9:00	0:58		1.0	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	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	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	0.5	0.5
Calhoun, Rachel	Credits Requested:		Total Credits Earned	2.0	1.5	3.5	3.5
	Welcome & Keynote Address	8/13/24 8:01	8/13/24 9:00	0:58		1.0	1.0
	Tips for Labs that you may not know	8/15/24 8:03	8/15/24 8:30	0:27	0.5		0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:35	8/15/24 9:00	0:25		0.5	0.5
	A case for better lab results	8/15/24 10:21	8/15/24 10:47	0:25	0.5		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		1.0
Calhoun, Travis	Credits Requested: Wastewater		Total Credits Earned	6.0	4.0	10.0	10.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:42	8/13/24 11:40	0:57	1.0		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		0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5		0.5
	SRF Basics	8/13/24 16:00	8/13/24 16:29	0:29		0.5	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	0.5
	Mastering the Art of Master Planning	8/14/24 7:53	8/14/24 9:00	1:07	1.0		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	1.0	1.0	
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:22	8/14/24 15:55	0:32	0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:27	0.5	0.5	0.5	
	Tips for Labs that you may not know	8/15/24 8:01	8/15/24 8:30	0:29	0.5	0.5	0.5	
	Flexing Your Procurement Muscle	8/15/24 9:10	8/15/24 9:37	0:26	0.5	0.5	0.5	
	Basics of pH	8/15/24 9:50	8/15/24 10:15	0:25	0.5	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:22	8/15/24 10:50	0:27	0.5	0.5	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	1.0	1.0	
Canterbury, Zach	Credits Requested:	Total Credits Earned			1.0	1.0	2.0	2.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	1.0	
	Mastering the Art of Master Planning	8/14/24 7:57	8/14/24 9:00	1:02	1.0	1.0	1.0	
Capo, Robert	Credits Requested: Wastewater	Total Credits Earned			1.5	2.0	3.5	3.5
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	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	1.0	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	0.5	0.5	
	IDEM Update	8/13/24 15:53	8/13/24 16:26	0:32	0.5	0.5	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	0.5	0.5	
Carl, David	Credits Requested: Wastewater	Total Credits Earned			6.0	1.5	7.5	7.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:36	8/13/24 11:40	1:04	1.0	1.0	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	0.5	0.5	

	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	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	1.0	1.0
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:29	8/14/24 16:55	0:25	0.5	0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:56	8/15/24 8:30	0:34	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:32	8/15/24 9:10	0:37	0.5	0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:45	0:28	0.5	0.5	0.5
Carlson, Cheryl							
	Credits Requested:		Total Credits Earned	3.0	0.0	3.0	3.0
	Out In The Field Not In A Book	8/14/24 7:51	8/14/24 8:33	0:42	0.5	0.5	0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:24	8/14/24 9:58	0:34	0.5	0.5	0.5
	21ST Century FOG Management	8/14/24 13:17	8/14/24 13:58	0:41	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:09	8/14/24 14:35	0:26	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:13	8/14/24 16:13	1:00	1.0	1.0	1.0
Carlson, Eric							
	Credits Requested: PDHs		Total Credits Earned	6.5	2.0	8.5	8.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:39	8/13/24 11:10	0:30	0.5	0.5	0.5

In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5	0.5	0.5
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:30	0.5	0.5	0.5
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29	0.5	0.5	0.5
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:53	8/13/24 15:25	0:32	0.5	0.5	0.5
IDEM Update	8/13/24 15:59	8/13/24 16:26	0:26	0.5	0.5	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	0.5	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	0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	0.5
Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:26	8/14/24 10:00	0:34	0.5	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:25	8/14/24 14:00	0:35	0.5	0.5	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	0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	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	0.5	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	0.5	0.5		
Carpenter, Dillon	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	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	0.5	0.5		
Carroll, Cheyenne	Credits Requested:				Total Credits Earned	0.0	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:32		0.5	0.5	0.5	
Casey, Troy	Credits Requested:				Total Credits Earned	2.5	1.0	3.5	3.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:31	8/14/24 10:00	0:28	0.5	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:33	0.5	0.5	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	0.5	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	0.5	0.5		
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:19	8/14/24 15:55	0:35		0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:56	8/14/24 16:25	0:29		0.5	0.5	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	0.5	0.5		
	Castle, Earnest	Credits Requested: Wastewater				Total Credits Earned	5.0	2.0	7.0
Welcome & Keynote Address		8/13/24 8:08	8/13/24 9:00	0:51		1.0	1.0	1.0	
Biosolids: Fail to Plan; Plan to Fail		8/13/24 10:34	8/13/24 11:40	1:05	1.0	1.0	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	0.5	0.5		
Benefits of Partnering to Reduce Inflow and Infiltration		8/13/24 15:01	8/13/24 15:25	0:23	0.5	0.5	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	1.0	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 8:00	8/15/24 8:30	0:30	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:38	8/15/24 9:05	0:26	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:10	8/15/24 9:37	0:26	0.5	0.5	0.5
	Basics of pH	8/15/24 9:48	8/15/24 10:15	0:27	0.5	0.5	0.5
Castro Jackson, Katie	Credits Requested: PDHs				8.0	6.0	14.0
	Total Credits Earned				8.0	6.0	14.0
	Welcome & Keynote Address	8/13/24 8:02	8/13/24 9:00	0:57	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53	1.0	1.0	1.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:26	8/13/24 11:41	1:14	1.0	1.0	1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:23	8/13/24 13:55	0:32	0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:01	8/13/24 14:28	0:26	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:54	8/13/24 15:25	0:31	0.5	0.5	0.5
	IDEM Update	8/13/24 15:58	8/13/24 16:26	0:27	0.5	0.5	0.5
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:29	8/13/24 16:55	0:26	0.5	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:51	8/14/24 8:25	0:33	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:30	0.5	0.5	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:35	8/14/24 14:00	0:24	0.5	0.5	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	0.5	0.5		
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:22	8/14/24 15:55	0:32		0.5	0.5		
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:27		0.5	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	0.5	0.5		
	Ultra-Low Phosphorus Limits	8/15/24 8:03	8/15/24 8:30	0:27	0.5	0.5	0.5		
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:35	8/15/24 9:37	1:02	1.0	1.0	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	0.5	0.5		
	Sustained 60 MGD? Sure, why not!	8/15/24 10:20	8/15/24 10:45	0:25	0.5	0.5	0.5		
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	0.5		
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:27	8/15/24 11:55	0:28	0.5	0.5	0.5		
Catron, Jimmie									
	Credits Requested:				Total Credits Earned	1.0	0.0	1.0	1.0
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	0.5		
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:24	8/14/24 14:00	0:35	0.5	0.5	0.5		
Chiu, Hsiaohan									
	Credits Requested: PDHs				Total Credits Earned	3.0	0.5	3.5	3.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:33	8/13/24 11:40	1:06	1.0	1.0	1.0		
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:27	8/13/24 13:55	0:28	0.5	0.5	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 14:28	0:29		0.5	0.5		
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	0.5		

	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:59	8/13/24 16:55	0:55	1.0	1.0	1.0		
Chumley, Dale	Credits Requested:				Total Credits Earned	1.0	0.0	1.0	1.0
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5		0.5	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		0.5	0.5	
Chung, Emily	Credits Requested:				Total Credits Earned	1.0	3.0	4.0	4.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	1.0	
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5		0.5	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	0:38	0.5		0.5	0.5	
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:25	8/13/24 13:55	0:29		0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	0.5	0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:01	8/13/24 15:27	0:25		0.5	0.5	0.5	
	IDEM Update	8/13/24 15:56	8/13/24 16:26	0:30		0.5	0.5	0.5	
Clark, David	Credits Requested: PDHs				Total Credits Earned	1.5	3.5	5.0	5.0
	Welcome & Keynote Address	8/13/24 8:09	8/13/24 9:00	0:50		1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	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		0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:11	8/13/24 11:47	0:36	0.5		0.5	0.5	

	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33	0.5	0.5	0.5	
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:59	8/13/24 14:28	0:28	0.5	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:59	8/13/24 15:25	0:26	0.5	0.5	0.5	
	SRF Basics	8/13/24 15:54	8/13/24 16:29	0:34	0.5	0.5	0.5	
Claus, PE, BCEE, Richard								
	Credits Requested:	Total Credits Earned			4.0	1.5	5.5	5.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:59	8/13/24 15:25	0:26	0.5	0.5	0.5	
	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:00	0:35	0.5	0.5	0.5	
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:27	0.5	0.5	0.5	
	Wastewater Challenge Demonstration	8/14/24 16:30	8/14/24 16:55	0:24	0.5	0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:47	8/15/24 8:30	0:42	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:29	8/15/24 9:37	1:07	1.0	1.0	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:19	8/15/24 10:45	0:26	0.5	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:26	0.5	0.5	0.5	
Comer, Kristin								
	Credits Requested: PDHs	Total Credits Earned			1.5	0.5	2.0	2.0
	Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges	8/15/24 9:42	8/15/24 10:15	0:33	0.5	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:45	0:28	0.5	0.5	0.5	

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:55	8/15/24 11:25	0:29	0.5	0.5	0.5	
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:28	8/15/24 11:55	0:27	0.5	0.5	0.5	
Corbin III, Pete	Credits Requested:	Total Credits Earned			3.5	0.0	3.5	3.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:39	8/13/24 11:41	1:01	1.0	1.0	1.0	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:26	8/13/24 13:55	0:28	0.5	0.5	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 14:30	0:26	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:30	8/14/24 9:00	0:30	0.5	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:40	0.5	0.5	0.5	
Cordell, Brandon	Credits Requested:	Total Credits Earned			1.0	1.0	2.0	2.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:40	8/13/24 11:10	0:29	0.5	0.5	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	0:38	0.5	0.5	0.5	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:28	8/13/24 14:00	0:31	0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28	0.5	0.5	0.5	
Corsaro, Kevin	Credits Requested: Wastewater	Total Credits Earned			9.0	4.0	13.0	13.0
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01	1.0	1.0	1.0	

Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	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		1.0	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		0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5		0.5	0.5
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:36	0.5		0.5	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		1.0	1.0
Benefits of Big Bubble Mixing	8/14/24 8:30	8/14/24 9:00	0:30	0.5		0.5	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		0.5	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	1.0	1.0
50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:00	0:35	0.5		0.5	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		0.5	0.5
Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5		0.5	0.5
Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:26		0.5	0.5	0.5
Ultra-Low Phosphorus Limits	8/15/24 7:56	8/15/24 8:30	0:34	0.5		0.5	0.5
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:05	1.0		1.0	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		0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:19	8/15/24 10:45	0:26	0.5		0.5	0.5
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31		0.5	0.5	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	0.5	0.5	
Corsaro, Pete	Credits Requested: Wastewater			Total Credits Earned	7.5	2.5	10.0	10.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	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		1.0	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		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5		0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:25	0:29	0.5		0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5		0.5	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		0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:00	0:34	0.5		0.5	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		0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:56	8/15/24 8:30	0:33	0.5		0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:04	1.0		1.0	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		0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:10	8/15/24 10:45	0:35	0.5		0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:31		0.5	0.5	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		0.5	0.5
Couse, Terri	Credits Requested:			Total Credits Earned	3.0	1.5	4.5	4.5

	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:28	8/14/24 14:30	1:01	1.0	1.0	1.0	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5	0.5	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	1.0	1.0	
	Optimizing Blower Filtration for Reliability, efficiency, and Value	8/15/24 9:09	8/15/24 10:15	1:06	1.0	1.0	1.0	
	Emergency Preparedness and Procedures	8/15/24 8:32	8/15/24 9:10	0:37	0.5	0.5	0.5	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:06	8/15/24 11:55	0:48	0.5	0.5	0.5	
Craig, Jon	Credits Requested:			Total Credits Earned	0.5	0.0	0.5	0.5
	Basics of pH	8/15/24 9:48	8/15/24 10:15	0:27	0.5	0.5	0.5	
Crawford, Tim	Credits Requested: Wastewater			Total Credits Earned	5.5	2.0	7.5	7.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:32	8/13/24 11:41	1:08	1.0	1.0	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	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	1.0	1.0	
	Benefits of Big Bubble Mixing	8/14/24 8:35	8/14/24 9:00	0:24	0.5	0.5	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	1.0	1.0	
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	1.0	1.0
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:39	8/15/24 9:37	0:58	1.0	1.0	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	0.5	0.5
Creamer, Justin	Credits Requested:			Total Credits Earned	3.5	3.0	6.5
	Welcome & Keynote Address	8/13/24 7:53	8/13/24 9:00	1:06	1.0	1.0	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	0.5	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	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:01	8/13/24 15:27	0:25	0.5	0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:04	8/14/24 10:55	0:50	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:20	8/14/24 13:58	0:38	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:08	8/14/24 14:35	0:26	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 16:00	8/14/24 16:25	0:25	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:30	8/15/24 9:10	0:39	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:52	8/15/24 11:25	0:33	0.5	0.5	0.5
CREASY, ANDREW	Credits Requested:			Total Credits Earned	0.5	0.0	0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:24	8/14/24 9:58	0:34	0.5	0.5	0.5
Crist, John	Credits Requested:			Total Credits Earned	0.0	0.0	0.0
Culver, Josh							

	Credits Requested: PDHs	Total Credits Earned			1.0	2.0	3.0	3.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5		0.5	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	0:38	0.5		0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:55	0:30		0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:56	8/13/24 14:28	0:32		0.5	0.5	0.5
Cunningham, Michael	Credits Requested:	Total Credits Earned			1.5	0.0	1.5	1.5
Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 9:58	0:25	0.5		0.5	0.5	
North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5		0.5	0.5	
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:39	8/14/24 14:04	0:25	0.5		0.5	0.5	
Currie, Kaitlyn	Credits Requested: PDHs	Total Credits Earned			6.0	3.5	9.5	9.5
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	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		0.5	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	0:38	0.5		0.5	0.5	
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33		0.5	0.5	0.5	
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	0.5	0.5	

	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:25	0.5	0.5	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	1.0	1.0
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:30	8/13/24 16:55	0:25	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:32	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:20	8/14/24 15:55	0:35	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:27	0.5	0.5	0.5
	Leading Change	8/14/24 16:30	8/14/24 16:58	0:28	0.5	0.5	0.5
Curry, Cameron	Credits Requested:		Total Credits Earned	1.5	3.0	4.5	4.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:31	8/13/24 13:57	0:25	0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:03	8/13/24 14:28	0:25	0.5	0.5	0.5

	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:54	8/13/24 15:26	0:31	0.5	0.5	0.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:39	8/14/24 10:05	0:25	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:05	8/14/24 10:56	0:50	1.0	1.0	1.0
	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	1.0	1.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:37	0.5	0.5	0.5
Curry, Jennifer	Credits Requested:				5.5	3.0	8.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:23	8/13/24 13:55	0:32	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:04	8/13/24 14:32	0:28	0.5	0.5	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	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:31	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:02	0:31	0.5	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:25	8/14/24 14:00	0:35	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5	0.5	0.5

	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:52	8/15/24 8:30	0:38		0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:05	0:36	0.5		0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:10	8/15/24 9:37	0:26	0.5		0.5	0.5
	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	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:58	8/15/24 11:25	0:26		0.5	0.5	0.5
	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		0.5	0.5
Curtis, Mark	Credits Requested: Wastewater		Total Credits Earned		6.5	2.0	8.5	8.5
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10		1.0	1.0	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		0.5	0.5
	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		0.5	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		0.5	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	0.5	0.5
	Out In The Field Not In A Book	8/14/24 7:51	8/14/24 8:56	1:04	1.0		1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:25	8/14/24 9:59	0:33	0.5		0.5	0.5
	Challenges In The Field	8/14/24 10:01	8/14/24 10:55	0:53	1.0		1.0	1.0
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:13	8/14/24 16:13	1:00	1.0		1.0	1.0
	Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:57	0:36	0.5		0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:45	0:32	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:56	8/15/24 11:25	0:28	0.5	0.5	0.5
Cushing, Henry	Credits Requested: PDHs		Total Credits Earned	1.0	2.5	3.5	3.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29	0.5	0.5	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	0.5	0.5
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:32	0.5	0.5	0.5
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:30	8/13/24 16:55	0:25	0.5	0.5	0.5
Custer, Kevin	Credits Requested:		Total Credits Earned	2.5	0.0	2.5	2.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:25	8/13/24 13:55	0:29	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:01	8/13/24 15:25	0:23	0.5	0.5	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	1.0	1.0
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:24	8/14/24 16:55	0:30	0.5	0.5	0.5
Czarnik, Jim	Credits Requested: PDHs		Total Credits Earned	4.0	3.0	7.0	7.0
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:25	8/14/24 10:00	0:34	0.5	0.5	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	1.0	1.0

	50 Years Later and SND Still Works	8/14/24 13:27	8/14/24 14:00	0:33	0.5	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:18	8/14/24 15:55	0:37	0.5	0.5	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	0.5	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	0.5	0.5	
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 8:03	8/15/24 8:30	0:27	0.5	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:27	8/15/24 9:05	0:37	0.5	0.5	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	1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	0.5	
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:31	8/15/24 11:56	0:25	0.5	0.5	0.5	
Czerniakowski, Kevin	Credits Requested: PDHs			Total Credits Earned	2.5	0.0	2.5	2.5
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:17	8/13/24 13:56	0:38	0.5	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	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	0.5	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	0.5	0.5	
Dabertin, Matt								

	Credits Requested: PDHs	Total Credits Earned			2.5	1.5	4.0	4.0
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:24	0.5		0.5	0.5
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:31		0.5	0.5	0.5
	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	1.0	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		0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:19	8/14/24 16:14	0:54	1.0		1.0	1.0
	Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:57	0:36	0.5		0.5	0.5
Dailey, Kurtis	Credits Requested: Drinking Water, Wastewater	Total Credits Earned			3.5	2.0	5.5	5.5
PFAS Regulations Impact on the Future of Land Application	8/13/24 13:17	8/13/24 13:55	0:37	0.5		0.5	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		0.5	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		0.5	0.5	
IDEM Update	8/13/24 15:50	8/13/24 16:26	0:35		0.5	0.5	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		0.5	0.5	
Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5		0.5	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		0.5	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	1.0	1.0	
A Gen Z Perspective on the Wastewater Industry	8/14/24 15:10	8/14/24 15:55	0:44		0.5	0.5	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		0.5	0.5	

Das Lappin, Maithilee

	Credits Requested: PDHs		Total Credits Earned	4.5	5.5	10.0	10.0
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5		0.5	0.5
Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:52	0:27		0.5	0.5	0.5
Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:55	8/13/24 15:26	0:30		0.5	0.5	0.5
IDEM Update	8/13/24 15:51	8/13/24 16:26	0:34		0.5	0.5	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	0.5	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		0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:28	8/14/24 9:00	0:32	0.5		0.5	0.5
Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:30	8/14/24 10:00	0:30	0.5		0.5	0.5
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:02	0:31		0.5	0.5	0.5
Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:31	8/14/24 14:30	0:59		1.0	1.0	1.0
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:21	8/14/24 15:55	0:33	0.5		0.5	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		0.5	0.5
Leading Change	8/14/24 16:29	8/14/24 16:58	0:29		0.5	0.5	0.5
Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:30	8/14/24 16:55	0:25	0.5		0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:29	0.5		0.5	0.5
City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:39	8/15/24 10:50	1:11		1.0	1.0	1.0

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:27	0.5	0.5	0.5
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:23	8/15/24 11:55	0:32	0.5	0.5	0.5
Davenport, Aaron	Credits Requested: PDHs		Total Credits Earned	0.5	1.5	2.0	2.0
	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	0.5	0.5
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:46	8/15/24 10:50	1:03	1.0	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:56	8/15/24 11:25	0:28	0.5	0.5	0.5
Davidson, Derek	Credits Requested:		Total Credits Earned	2.5	1.5	4.0	4.0
	Welcome & Keynote Address	8/13/24 8:01	8/13/24 9:00	0:58	1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:39	8/13/24 11:40	1:00	1.0	1.0	1.0
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:00	8/13/24 14:28	0:28	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5
Davis, Carmen	Credits Requested: Wastewater		Total Credits Earned	4.5	0.0	4.5	4.5
	Out In The Field Not In A Book	8/14/24 7:58	8/14/24 8:56	0:58	1.0	1.0	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	0.5	0.5
	Challenges In The Field	8/14/24 10:04	8/14/24 10:55	0:50	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:23	8/14/24 13:58	0:35	0.5	0.5	0.5

	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:30	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:14	0:59	1.0	1.0	1.0
Davison, Brian	Credits Requested: Wastewater						
				Total Credits Earned	5.5	6.0	11.5
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11		1.0	1.0
	Operator Certification Update	8/13/24 10:39	8/13/24 11:07	0:27		0.5	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		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		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		0.5
	IDEM Update	8/13/24 15:56	8/13/24 16:26	0:29		0.5	0.5
	Mastering the Art of Master Planning	8/14/24 7:59	8/14/24 9:00	1:00	1.0		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		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	1.0
	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:00	0:35	0.5		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		0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:38		0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:56	8/14/24 16:25	0:29		0.5	0.5
	Leading Change	8/14/24 16:30	8/14/24 16:58	0:28		0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 8:00	8/15/24 8:30	0:29	0.5		0.5
	Emergency Preparedness and Procedures	8/15/24 8:38	8/15/24 9:10	0:31		0.5	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	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	1.0	1.0		
De Cristofaro, Luis	Credits Requested: PDHs				Total Credits Earned	1.5	0.0	1.5	1.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:39	8/13/24 11:40	1:01	1.0	1.0	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	0.5	0.5		
Deahl, Teddy	Credits Requested:				Total Credits Earned	0.0	3.5	3.5	3.5
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:05	1.0	1.0	1.0		
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:17	1:06	1.0	1.0	1.0		
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:31	0.5	0.5	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	0.5	0.5		
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:27	0.5	0.5	0.5		
DeLisle, Nathan	Credits Requested:				Total Credits Earned	1.0	1.0	2.0	2.0
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:05	1.0	1.0	1.0		
	21ST Century FOG Management	8/14/24 13:31	8/14/24 13:59	0:27	0.5	0.5	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	0.5	0.5		
Desharnais, Brian	Credits Requested: PDHs				Total Credits Earned	0.0	2.0	2.0	2.0
	Ethics in Engineering	8/14/24 13:05	8/14/24 14:30	1:25	1.0	1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:08	8/14/24 16:21	1:13	1.0	1.0	1.0		
Dewey, Tony	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	0.5		
DeWitt, Brian	Credits Requested: Wastewater				Total Credits Earned	7.5	1.5	9.0	9.0

	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:40	1:11	1.0	1.0	1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:22	8/13/24 13:55	0:32	0.5	0.5	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	0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:50	8/13/24 16:26	0:36		0.5	0.5
	Out In The Field Not In A Book	8/14/24 7:51	8/14/24 8:56	1:05	1.0	1.0	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	1.0
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:14	1:00	1.0	1.0	1.0
	Ultra-Low Phosphorus Limits	8/15/24 7:52	8/15/24 8:30	0:37	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:05	0:33	0.5	0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	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	1.0	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	0.5	0.5
DeWitt, Jeff							
	Credits Requested:				2.5	0.5	3.0
	Total Credits Earned						3.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:41	8/13/24 11:40	0:59	1.0	1.0	1.0
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33		0.5	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 14:30	0:26	0.5	0.5	0.5
	Mastering the Art of Master Planning	8/14/24 8:03	8/14/24 9:00	0:57	1.0	1.0	1.0
Dezellan, Nicholas	Credits Requested: Drinking Water, Wastewater		Total Credits Earned	3.5	2.0	5.5	5.5
	Operator Certification Update	8/13/24 10:36	8/13/24 11:07	0:30	0.5	0.5	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	0.5	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	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 15:00	8/13/24 15:26	0:25	0.5	0.5	0.5
	Mastering the Art of Master Planning	8/14/24 8:16	8/14/24 9:00	0:44	0.5	0.5	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	0.5	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	1.0	1.0
	21ST Century FOG Management	8/14/24 13:27	8/14/24 13:59	0:31	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:20	8/14/24 15:50	0:30	0.5	0.5	0.5
Dickey, Darrin	Credits Requested: Drinking Water, Wastewater		Total Credits Earned	1.5	0.0	1.5	1.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:36	8/13/24 11:41	1:04	1.0	1.0	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	0.5	0.5
DiTommaso, Jill	Credits Requested: PDHs		Total Credits Earned	4.0	3.5	7.5	7.5

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:38	8/13/24 11:10	0:31	0.5	0.5	0.5		
	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	0.5	0.5		
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:31		0.5	0.5		
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:30		0.5	0.5		
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:59	8/13/24 15:25	0:26	0.5	0.5	0.5		
	SRF Basics	8/13/24 15:52	8/13/24 16:29	0:36		0.5	0.5		
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:27	8/13/24 17:00	0:33		0.5	0.5		
	Mastering the Art of Master Planning	8/14/24 7:59	8/14/24 9:00	1:01	1.0	1.0	1.0		
	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	1.0		
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:30	8/14/24 11:02	0:32		0.5	0.5		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:37	0.5	0.5	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	0.5	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	0.5	0.5		
Dompke, Scott									
	Credits Requested:				Total Credits Earned	1.0	2.0	3.0	3.0
	Mastering the Art of Master Planning	8/14/24 7:53	8/14/24 9:00	1:07	1.0		1.0	1.0	
	Ethics in Engineering	8/14/24 13:26	8/14/24 14:30	1:04		1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:19	8/14/24 16:21	1:01		1.0	1.0	1.0	
Doub, Bret									
	Credits Requested: Wastewater				Total Credits Earned	6.5	3.0	9.5	9.5
	Welcome & Keynote Address	8/13/24 7:54	8/13/24 9:00	1:05		1.0	1.0	1.0	

Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	1.0
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:02	8/13/24 15:25	0:23	0.5		0.5	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		1.0	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		0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:28	8/14/24 9:00	0:32	0.5		0.5	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		0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5		0.5	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		0.5	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		0.5	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		0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:12	8/14/24 15:55	0:42	0.5		0.5	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		0.0	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		0.5	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	0.5	0.5
Emergency Preparedness and Procedures	8/15/24 8:32	8/15/24 9:10	0:37		0.5	0.5	0.5
Flexing Your Procurement Muscle	8/15/24 9:06	8/15/24 9:37	0:30	0.5		0.5	0.5

Douglas, April

	Credits Requested:	Total Credits Earned			2.0	1.0	3.0	3.0
	Challenges of Rehabilitating a	8/14/24 8:04	8/14/24 8:30	0:25	0.5		0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:15	8/14/24 15:55	0:39		0.5	0.5	0.5
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:53	8/15/24 8:30	0:37		0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:05	0:36	0.5		0.5	0.5
	Basics of pH	8/15/24 9:43	8/15/24 10:15	0:32	0.5		0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:17	8/15/24 10:45	0:28	0.5		0.5	0.5
Dove, White	Credits Requested:	Total Credits Earned			1.5	0.0	1.5	1.5
Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:27	8/13/24 13:56	0:28	0.5		0.5	0.5	
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5		0.5	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		0.5	0.5	
Downey, David Adam	Credits Requested: Wastewater	Total Credits Earned			6.0	1.5	7.5	7.5
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:34	8/13/24 11:40	1:05	1.0		1.0	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		0.5	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		0.5	0.5	
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5		0.5	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		0.5	0.5	
Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5		0.5	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	0.5	0.5	
	21ST Century FOG Management	8/14/24 13:17	8/14/24 13:59	0:41	0.5	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:27	0.5	0.5	0.5	
	Wastewater Challenge Demonstration	8/14/24 16:30	8/14/24 16:55	0:24	0.5	0.5	0.5	
	Tips for Labs that you may not know	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5	
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:32	8/15/24 9:00	0:28	0.5	0.5	0.5	
Dryer, Brady	Credits Requested: PDHs			Total Credits Earned	0.0	1.0	1.0	1.0
Operator Certification Update	8/13/24 10:30	8/13/24 11:07	0:36	0.5	0.5	0.5		
IDEM Update	8/13/24 15:56	8/13/24 16:26	0:29	0.5	0.5	0.5		
Dubey, David	Credits Requested: PDHs			Total Credits Earned	0.5	0.0	0.5	0.5
50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:00	0:34	0.5	0.5	0.5		
Dunn, Keegan	Credits Requested:			Total Credits Earned	3.0	7.0	10.0	10.0
Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:26	8/13/24 13:52	0:25	0.5	0.5	0.5		
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	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	0.5	0.5		
IDEM Update	8/13/24 15:58	8/13/24 16:26	0:27	0.5	0.5	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	0.5	0.5		
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:00	8/14/24 8:27	0:26	0.5	0.5	0.5		

	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	0.5
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:29	8/14/24 10:30	1:00		1.0	1.0
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:30	8/14/24 11:02	0:32		0.5	0.5
	Ethics in Engineering	8/14/24 13:29	8/14/24 14:30	1:01		1.0	1.0
	Indiana Law and Statutes	8/14/24 15:18	8/14/24 16:21	1:03		1.0	1.0
	Leading Change	8/14/24 16:30	8/14/24 16:58	0:27		0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:59	8/15/24 8:30	0:30	0.5		0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:05	1.0		1.0
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:39	8/15/24 10:50	1:11		1.0	1.0
Durden, Fred							
	Credits Requested:				6.5	3.5	10.0
	Welcome & Keynote Address	8/13/24 7:52	8/13/24 9:00	1:07		1.0	1.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:40	8/13/24 11:41	1:00	1.0		1.0
	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		0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5		0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:59	8/14/24 8:25	0:25	0.5		0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:32	0.5		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		0.5
	Using your data and SCADA for maintenance and savings	8/14/24 10:06	8/14/24 10:59	0:52		1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:28	8/14/24 14:00	0:31	0.5		0.5
	Requirements vs. Reality - Design Capacity Compared to Real World Observations	8/14/24 14:08	8/14/24 14:35	0:27	0.5		0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:38		0.5	0.5

	Getting the Next Generation Excited about Wastewater	8/14/24 15:59	8/14/24 16:25	0:26	0.5	0.5	0.5	
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:26	0.5	0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:54	8/15/24 8:30	0:35	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:37	1:02	1.0	1.0	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	0.5	0.5	
Dwyer, Michael								
	Credits Requested:	Total Credits Earned			1.0	1.5	2.5	2.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:35	8/13/24 11:40	1:05	1.0	1.0	1.0	
	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	0.5	0.5	
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:03	8/13/24 14:29	0:25	0.5	0.5	0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:54	8/13/24 15:26	0:31	0.5	0.5	0.5	
Early, Kimberly								
	Credits Requested:	Total Credits Earned			9.0	3.0	12.0	12.0
	Welcome & Keynote Address	8/13/24 7:47	8/13/24 9:00	1:12	1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53	1.0	1.0	1.0	
	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	0.5	0.5	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:24	8/13/24 13:55	0:31	0.5	0.5	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	0.5	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	1.0	1.0	
	Out In The Field Not In A Book	8/14/24 7:58	8/14/24 8:56	0:58	1.0	1.0	1.0	

	Water Treatment Regulatory Terms & Definitions	8/14/24 9:26	8/14/24 9:59	0:32	0.5	0.5	0.5	
	21ST Century FOG Management	8/14/24 13:35	8/14/24 14:01	0:25	0.5	0.5	0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5	
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:13	8/14/24 16:14	1:00	1.0	1.0	1.0	
	Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:57	0:35	0.5	0.5	0.5	
	Tips for Labs that you may not know	8/15/24 7:53	8/15/24 8:30	0:36	0.5	0.5	0.5	
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:00	0:27		0.5	0.5	
	Flexing Your Procurement Muscle	8/15/24 9:09	8/15/24 9:37	0:27	0.5	0.5	0.5	
	Basics of pH	8/15/24 9:43	8/15/24 10:15	0:32	0.5	0.5	0.5	
	A case for better lab results	8/15/24 10:15	8/15/24 10:47	0:31	0.5	0.5	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	1.0	1.0	
Eash, Taylor	Credits Requested: PDHs			Total Credits Earned	9.0	5.0	14.0	14.0
		Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:13		1.0	1.0
		Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0
		Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5	0.5	0.5
		In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5	0.5	0.5
		Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:52	0:27		0.5	0.5
		Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28		0.5	0.5
		Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:28	0.5	0.5	0.5

IDEM Update	8/13/24 15:50	8/13/24 16:26	0:35		0.5	0.5	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	0.5	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		0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5		0.5	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		0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5		0.5	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		0.5	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		0.5	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		0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5		0.5	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		0.5	0.5
Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:26	8/14/24 16:55	0:28	0.5		0.5	0.5
Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:52	8/15/24 8:30	0:38		0.5	0.5	0.5
Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:05	0:36	0.5		0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5		0.5	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		0.5	0.5

	Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:45	0:33	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:32		0.5	0.5
	UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant	8/15/24 11:21	8/15/24 11:57	0:35	0.5	0.5	0.5
Ehlerding, Tim							
	Credits Requested:				Total Credits Earned	0.5	2.0
						2.5	2.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:44	8/13/24 11:10	0:25	0.5	0.5	0.5
	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	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	0.5
	SRF Basics	8/13/24 16:00	8/13/24 16:29	0:28		0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:35	8/14/24 11:02	0:26		0.5	0.5
Eichhorst, Jessica							
	Credits Requested: PDHs				Total Credits Earned	0.0	0.5
						0.5	0.5
	IDEM Update	8/13/24 16:01	8/13/24 16:27	0:25		0.5	0.5
Elliott, Rylan							
	Credits Requested:				Total Credits Earned	0.5	0.0
						0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:30	0.5	0.5	0.5
Enabnit, Hannah							
	Credits Requested: PDHs				Total Credits Earned	2.0	1.5
						3.5	3.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:37	0.5	0.5	0.5
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:25	8/13/24 13:56	0:30	0.5	0.5	0.5

	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:55	8/13/24 15:25	0:30	0.5	0.5	0.5
	IDEM Update	8/13/24 15:57	8/13/24 16:26	0:28	0.5	0.5	0.5
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:33	8/13/24 16:58	0:25	0.5	0.5	0.5
Engelhardt, Daniel	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08	1.0	1.0	1.0
Erwin, Casey	Credits Requested: PDHs		Total Credits Earned	1.5	1.0	2.5	2.5
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:25	8/14/24 10:00	0:35	0.5	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:00	0:33	0.5	0.5	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	0.5	0.5
Estupinan, Vicente	Credits Requested: PDHs		Total Credits Earned	1.5	1.5	3.0	3.0
	Welcome & Keynote Address	8/13/24 8:01	8/13/24 9:00	0:58	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:11	8/13/24 11:47	0:35	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:30	8/13/24 14:00	0:29	0.5	0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:59	8/13/24 15:25	0:26	0.5	0.5	0.5
Etzler, William	Credits Requested:		Total Credits Earned	1.5	1.5	3.0	3.0

	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:16	8/13/24 11:47	0:30	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:31		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:25	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:09	8/14/24 10:35	0:26	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:32	8/14/24 11:02	0:30		0.5	0.5
Evankovich, Patrick							
	Credits Requested:				Total Credits Earned	0.5	0.0
						0.5	0.5
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:24	8/14/24 16:55	0:30	0.5	0.5	0.5
Evans, John							
	Credits Requested: PDHs				Total Credits Earned	0.5	3.0
						3.5	3.5
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:00		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:31	8/13/24 14:00	0:29		0.5	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	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	0.5
Ewers, Cody							
	Credits Requested: Wastewater				Total Credits Earned	2.0	3.0
						5.0	5.0
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:00		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:00		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:39	8/13/24 11:40	1:00	1.0	1.0	1.0

	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:30	8/13/24 13:57	0:27	0.5	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5	0.5	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	0.5	0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	0.5	
Fahel, Anthony	Credits Requested: Wastewater				10.0	2.0	12.0	12.0
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08		1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:32	8/13/24 11:40	1:07	1.0		1.0	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		0.5	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		0.5	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		0.5	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		1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:59	8/14/24 8:25	0:25	0.5		0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:30	8/14/24 9:00	0:29	0.5		0.5	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		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5		0.5	0.5
	21ST Century FOG Management	8/14/24 13:23	8/14/24 13:59	0:35	0.5		0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5		0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:16	8/14/24 16:14	0:57	1.0		1.0	1.0

	Tips for Labs that you may not know	8/15/24 7:54	8/15/24 8:30	0:36	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:35	8/15/24 9:00	0:25		0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:30	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:19	8/15/24 10:45	0:26	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25		0.5	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	0.5	0.5
Fair, Alec							
	Credits Requested: PDHs				3.0	1.0	4.0
	Total Credits Earned						4.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:57	8/14/24 8:25	0:27	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	0.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:25	8/14/24 10:00	0:34	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5	0.5	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	0.5	0.5
	Ethics in Engineering	8/14/24 13:03	8/14/24 14:30	1:27		1.0	1.0
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	0.5
Fan, Jonathan							
	Credits Requested:				3.5	1.5	5.0
	Total Credits Earned						5.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:58	8/14/24 8:25	0:27	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:30	8/14/24 9:00	0:30	0.5	0.5	0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 9:59	0:25	0.5	0.5	0.5

	Challenges In The Field	8/14/24 10:04	8/14/24 10:55	0:50	1.0	1.0	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	1.0	1.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:12	8/14/24 15:55	0:42	0.5	0.5	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	0.5	0.5
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:27	8/14/24 16:55	0:27	0.5	0.5	0.5
Farrell, Craig	Credits Requested: PDHs		Total Credits Earned		3.0	2.0	5.0
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:38	8/13/24 11:10	0:31	0.5	0.5	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	0.5	0.5	
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:32	0.5	0.5	0.5	
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29	0.5	0.5	0.5	
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:01	8/13/24 15:25	0:23	0.5	0.5	0.5	
IDEM Update	8/13/24 15:58	8/13/24 16:26	0:27	0.5	0.5	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	0.5	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	0:25	0.5	0.5	0.5	
50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:00	0:33	0.5	0.5	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	0.5	0.5	
Faruq, Umar							

	Credits Requested:	Total Credits Earned			2.5	4.5	6.5	6.5
	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	0:59		1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:39	8/13/24 11:40	1:00	1.0		1.0	1.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:27	8/13/24 13:40	0:12		0.5	0.0	0.0
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:04	8/13/24 14:30	0:25		0.5	0.5	0.5
	SRF Basics	8/13/24 16:01	8/13/24 16:29	0:27		0.5	0.5	0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 9:59	0:30	0.5		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5		0.5	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 10:32	8/14/24 11:05	0:32	0.5		0.5	0.5
	Ethics in Engineering	8/14/24 13:30	8/14/24 14:30	1:00		1.0	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:18	8/14/24 16:21	1:03		1.0	1.0	1.0
	Ferguson, Jeremy	Credits Requested:	Total Credits Earned			0.0	0.5	0.5
	Operator Certification Update	8/13/24 10:36	8/13/24 11:07	0:30		0.5	0.5	0.5
Ferguson, Nick	Credits Requested: Wastewater	Total Credits Earned			5.5	2.5	8.0	8.0
	Welcome & Keynote Address	8/13/24 8:08	8/13/24 9:00	0:51		1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:34	8/13/24 11:40	1:06	1.0		1.0	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		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5		0.5	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	0.5	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		1.0	1.0

	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:31	8/14/24 10:00	0:29	0.5	0.5	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	1.0	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	0.5	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	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:19	8/14/24 16:14	0:54	1.0	1.0	1.0
Fish, Jeffrey	Credits Requested: Drinking Water, Wastewater				2.0	6.5	8.5
	Total Credits Earned						8.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:52	0:28		0.5	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	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5		0.5
	IDEM Update	8/13/24 15:53	8/13/24 16:26	0:33		0.5	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	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	1.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:23	8/14/24 15:55	0:31		0.5	0.5
	Leading Change	8/14/24 16:31	8/14/24 16:58	0:27		0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 16:00	8/14/24 16:25	0:25		0.5	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	0.5

	Back to Basics: Review of UV Disinfection	8/15/24 8:37	8/15/24 9:05	0:27	0.5	0.5	0.5		
	Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5	0.5	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	1.0		
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	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	0.5	0.5		
Fisher, Vanessa									
	Credits Requested: Wastewater				Total Credits Earned	11.5	2.0	13.5	13.5
	Welcome & Keynote Address	8/13/24 7:57	8/13/24 9:00	1:02		1.0	1.0	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		1.0	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		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:24	0.5		0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:37	0.5		0.5	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		1.0	1.0	
	Out In The Field Not In A Book	8/14/24 7:51	8/14/24 8:56	1:05	1.0		1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:21	8/14/24 9:59	0:37	0.5		0.5	0.5	
	Challenges In The Field	8/14/24 10:01	8/14/24 10:55	0:54	1.0		1.0	1.0	
	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:00	0:35	0.5		0.5	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		0.5	0.5	
	Adaptive mixing and process optimization with energy savings	8/14/24 15:16	8/14/24 15:50	0:34	0.5		0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:55	8/14/24 16:25	0:29		0.5	0.5	0.5	

	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:27		0.5	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:53	8/15/24 8:30	0:36	0.5		0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:05	1.0		1.0	1.0
	Optimizing Blower Filtration for Reliability, efficiency, and Value	8/15/24 9:09	8/15/24 10:15	1:06	1.0		1.0	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		1.0	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		0.5	0.5
Fix, Bradley								
	Credits Requested: Wastewater	Total Credits Earned			6.0	4.0	10.0	10.0
	Welcome & Keynote Address	8/13/24 8:07	8/13/24 9:00	0:52		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:04	0:53		1.0	1.0	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	0.5	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		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:25	0:25	0.5		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:55	8/13/24 15:25	0:29	0.5		0.5	0.5
	IDEM Update	8/13/24 15:52	8/13/24 16:26	0:34		0.5	0.5	0.5
	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	0.5	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		0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5		0.5	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		0.5	0.5

	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:40	0.5	0.5	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	0.5	0.5
	Leading Change	8/14/24 16:28	8/14/24 16:58	0:29		0.5	0.5
Flamion, Drew	Credits Requested: PDHs				5.5	2.5	8.0
	Welcome & Keynote Address	8/13/24 7:53	8/13/24 9:00	1:06		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:17	1:06		1.0	1.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:45	8/13/24 11:41	0:55	1.0		1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:30	8/13/24 13:55	0:25	0.5		0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:03	8/13/24 15:25	0:22	0.5		0.5
	IDEM Update	8/13/24 16:01	8/13/24 16:27	0:25		0.5	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		0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5		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		0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5		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	0.5	0.5
	21ST Century FOG Management	8/14/24 13:32	8/14/24 13:59	0:26	0.5	0.5	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	0.5	0.5
Flanagan, Daniel	Credits Requested: Wastewater				6.5	4.0	10.5
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01		1.0	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		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		0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5		0.5
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:31		0.5	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	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5		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		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	1.0
	50 Years Later and SND Still Works	8/14/24 13:31	8/14/24 14:00	0:29	0.5		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		0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:23	8/14/24 15:50	0:27	0.5		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		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	0.5	0.5		
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5		
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:37	1:03	1.0	1.0	1.0		
Fleig, Jane									
	Credits Requested: PDHs				Total Credits Earned	0.5	5.5	6.0	6.0
	Operator Certification Update	8/13/24 10:31	8/13/24 11:07	0:35	0.5	0.5	0.5		
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:09	8/13/24 11:42	0:33	0.5	0.5	0.5		
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:52	0:28	0.5	0.5	0.5		
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:59	8/13/24 14:29	0:29	0.5	0.5	0.5		
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:53	8/13/24 15:25	0:32	0.5	0.5	0.5		
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:33	8/14/24 10:30	0:57	1.0	1.0	1.0		
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:30	8/14/24 11:02	0:32	0.5	0.5	0.5		
	Ethics in Engineering	8/14/24 13:20	8/14/24 14:30	1:10	1.0	1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:17	8/14/24 16:21	1:04	1.0	1.0	1.0		
FLETCHER, DURWIN									
	Credits Requested: Wastewater				Total Credits Earned	9.5	2.5	12.0	12.0
	Welcome & Keynote Address	8/13/24 8:02	8/13/24 9:00	0:57	1.0	1.0	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	0.5	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	0.5	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	0.5	0.5		

	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:26	0:25	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:06	8/13/24 15:25	0:19	0.5	0.5	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	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:25	0:28	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:32	8/14/24 14:00	0:28	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:38	0.5	0.5	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:54	8/15/24 8:30	0:35	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:05	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:45	0:33	0.5	0.5	0.5
Fletcher, Jim							
	Credits Requested: Wastewater				9.5	0.5	10.0
	Total Credits Earned						10.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:30	8/13/24 11:10	0:39	0.5	0.5	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	0.5	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	0.5	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	0.5	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	0.5	0.5
	Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:56	0:56	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:23	8/14/24 9:59	0:35	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:01	8/14/24 10:55	0:54	1.0	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:00	0:34	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:54	8/15/24 8:30	0:36	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:33	8/15/24 9:10	0:37		0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:37	0:30	0.5	0.5	0.5
	Basics of pH	8/15/24 9:43	8/15/24 10:15	0:32	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:29	0.5	0.5	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	1.0	1.0
Foo, Erika	Credits Requested: Wastewater			Total Credits Earned	5.5	5.0	10.5
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:00		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:39	8/13/24 11:40	1:00	1.0	1.0	1.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:20	8/13/24 13:52	0:31		0.5	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	0.5	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	0.5	0.5
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:31	0.5	0.5	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	0.5	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	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:28	8/14/24 14:00	0:31	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:28	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 16:00	8/14/24 16:25	0:25	0.5	0.5	0.5
	Leading Change	8/14/24 16:29	8/14/24 16:58	0:29	0.5	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:35	8/15/24 9:00	0:25	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:09	8/15/24 9:37	0:28	0.5	0.5	0.5
	Basics of pH	8/15/24 9:46	8/15/24 10:15	0:28	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:19	8/15/24 10:47	0:27	0.5	0.5	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	1.0	1.0
Force, Angela							
	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	1.0
Fowler, Jacob							
	Credits Requested:		Total Credits Earned	2.5	3.5	6.0	6.0
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:11	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:00	1.0	1.0	1.0

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:30	8/13/24 14:00	0:29		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:26	0.5		0.5
	IDEM Update	8/13/24 15:56	8/13/24 16:26	0:30		0.5	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:57	8/14/24 8:25	0:27	0.5		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		0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:35	8/14/24 14:00	0:25	0.5		0.5
Fox, Daniel	Credits Requested:			Total Credits Earned	0.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:00		1.0	1.0
Foy, Joe	Credits Requested: PDHs			Total Credits Earned	1.5	3.0	4.5
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11		1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:43	8/13/24 11:10	0:26	0.5		0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5		0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:31		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	0.5

	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:58	8/13/24 15:25	0:27	0.5	0.5	0.5
	IDEM Update	8/13/24 15:54	8/13/24 16:26	0:32		0.5	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	0.5
Franz, Chris							
	Credits Requested:				Total Credits Earned	2.5	4.0
						6.5	6.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:36	8/13/24 11:40	1:03	1.0	1.0	1.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:26	8/13/24 13:52	0:26		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28		0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:58	8/13/24 16:26	0:28		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:02	0:31		0.5	0.5
	Ethics in Engineering	8/14/24 13:28	8/14/24 14:30	1:02		1.0	1.0
	Indiana Law and Statutes	8/14/24 15:15	8/14/24 16:21	1:06		1.0	1.0
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:24	8/14/24 16:55	0:30	0.5	0.5	0.5
Frauhiger, Todd							
	Credits Requested: PDHs				Total Credits Earned	0.0	3.0
						3.0	3.0
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	0.5
	Ethics in Engineering	8/14/24 12:55	8/14/24 14:30	1:35		1.0	1.0
	Indiana Law and Statutes	8/14/24 15:07	8/14/24 16:21	1:14		1.0	1.0
FREESE, ALEX							

	Credits Requested:	Total Credits Earned			1.0	1.0	2.0	2.0
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:59	8/15/24 8:30	0:31		0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:33	8/15/24 9:10	0:36		0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5		0.5	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		0.5	0.5
Furiak, Andrea	Credits Requested: Wastewater	Total Credits Earned			3.0	1.5	4.5	4.5
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		0.5	0.5	
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:26	0:25	0.5		0.5	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		0.5	0.5	
IDEM Update	8/13/24 15:56	8/13/24 16:26	0:30		0.5	0.5	0.5	
Water Treatment Regulatory Terms & Definitions	8/14/24 9:25	8/14/24 9:59	0:33	0.5		0.5	0.5	
Challenges In The Field	8/14/24 10:03	8/14/24 10:55	0:52	1.0		1.0	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	1.0	1.0	
Furniss, Abbie	Credits Requested:	Total Credits Earned			1.0	4.5	5.5	5.5
Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:00		1.0	1.0	1.0	
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:17	1:06		1.0	1.0	1.0	
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5		0.5	0.5	
In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5		0.5	0.5	

	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:31	0.5	0.5	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	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:55	8/13/24 15:26	0:30	0.5	0.5	0.5
	IDEM Update	8/13/24 15:51	8/13/24 16:26	0:35	0.5	0.5	0.5
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:28	8/13/24 17:00	0:32	0.5	0.5	0.5
Fussell, Jerry							
	Credits Requested: Drinking Water			Total Credits Earned	11.0	2.5	13.0
	Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:17	1:06	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:39	8/13/24 11:10	0:30	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:47	0:39	0.5	0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:26	8/13/24 13:55	0:29	0.5	0.5	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	0.5	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	0.0	0.0
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 16:01	8/13/24 16:55	0:54	1.0	1.0	1.0
	Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:56	0:56	1.0	1.0	1.0

	Hydraulic Modeling - What is it good for?	8/14/24 8:53	8/14/24 9:00	0:07	0.0	0.0	0.0
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:35	8/14/24 10:00	0:24	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:04	8/14/24 10:56	0:51	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:27	8/14/24 13:59	0:31	0.5	0.5	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	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:14	1:00	1.0	1.0	1.0
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:37	1:05	1.0	1.0	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	0.5	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 10:24	8/15/24 11:30	1:06	1.0	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	0.5
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:26	8/15/24 11:55	0:29	0.5	0.5	0.5
Gaff, Jeffrey							
	Credits Requested: Wastewater			Total Credits Earned	2.5	0.0	2.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:19	8/13/24 13:55	0:35	0.5	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:51	8/14/24 8:25	0:34	0.5	0.5	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	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:27	8/14/24 14:00	0:33	0.5	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:16	8/14/24 15:50	0:34	0.5	0.5	0.5

Gaffin, Lance	Credits Requested:	Total Credits Earned			0.5	0.0	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:35	8/14/24 14:02	0:27	0.5		0.5	0.5
Gaines, Scott	Credits Requested:	Total Credits Earned			0.5	0.0	0.5	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		0.5	0.5
Gangstad, Michael	Credits Requested: PDHs	Total Credits Earned			1.0	4.0	5.0	5.0
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:00	0:33		0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:30		0.5	0.5	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		0.5	0.5
	IDEM Update	8/13/24 15:58	8/13/24 16:26	0:28		0.5	0.5	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	0.5	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 10:36	8/14/24 11:05	0:28	0.5		0.5	0.5
	Ethics in Engineering	8/14/24 13:21	8/14/24 14:30	1:09		1.0	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:16	8/14/24 16:21	1:05		1.0	1.0	1.0
	Gansemer, Ryan	Credits Requested: PDHs	Total Credits Earned			1.5	1.0	2.5
Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections		8/14/24 9:30	8/14/24 10:00	0:29	0.5		0.5	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		0.5	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		0.5	0.5

	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:12	8/14/24 15:55	0:42	0.5	0.5	0.5		
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28	0.5	0.5	0.5		
Gard, Jeff	Credits Requested:				Total Credits Earned	0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:00	1.0	1.0	1.0		
Garner, Matthew	Credits Requested: Wastewater				Total Credits Earned	4.5	0.0	4.5	4.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:58	8/14/24 8:25	0:26	0.5	0.5	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	0.5	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	0.5	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	0.5	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	0.5	0.5		
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5		
	Ultra-Low Phosphorus Limits	8/15/24 7:56	8/15/24 8:30	0:33	0.5	0.5	0.5		
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:35	8/15/24 9:37	1:02	1.0	1.0	1.0		
Games, Gregory	Credits Requested: PDHs				Total Credits Earned	3.0	1.0	4.0	4.0
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:31	0.5	0.5	0.5		
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:26	0:25	0.5	0.5	0.5		
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:58	8/13/24 15:26	0:27	0.5	0.5	0.5		
	50 Years Later and SND Still Works	8/14/24 13:33	8/14/24 14:00	0:27	0.5	0.5	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	0.5	0.5		
	Adaptive mixing and process optimization with energy savings	8/14/24 15:22	8/14/24 15:50	0:28	0.5	0.5	0.5		
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:27		0.5	0.5		
	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:31	8/14/24 16:58	0:26	0.5	0.5	0.5		
Garvey, James	Credits Requested: PDHs				Total Credits Earned	1.5	2.0	3.5	3.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:39	8/14/24 10:05	0:25	0.5	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5		
	Ethics in Engineering	8/14/24 13:28	8/14/24 14:30	1:02		1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:21	8/14/24 16:21	1:00		1.0	1.0	1.0	
Garvey, Kate	Credits Requested:				Total Credits Earned	3.5	2.0	5.5	5.5
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:01		1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:17	1:06		1.0	1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:36	8/13/24 11:37	1:01	1.0	1.0	1.0		
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:15	8/13/24 13:55	0:39	0.5	0.5	0.5		
	Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants	8/13/24 14:04	8/13/24 14:30	0:25	0.5	0.5	0.5		
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 15:01	8/13/24 15:26	0:25	0.5	0.5	0.5		

	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:54	8/13/24 16:55	1:01	1.0	1.0	1.0	
Gasvoda, Brad	Credits Requested:	Total Credits Earned			0.5	0.0	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:52	8/14/24 8:25	0:33	0.5	0.5	0.5	
George, Tim	Credits Requested:	Total Credits Earned			0.5	1.5	2.0	2.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:39	8/14/24 10:05	0:25	0.5	0.5	0.5	
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:34	8/14/24 11:02	0:28		0.5	0.5	
	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:28	8/14/24 14:30	1:02		1.0	1.0	
Gerber, Gale	Credits Requested:	Total Credits Earned			0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09		1.0	1.0	
Getz, Ashley	Credits Requested:	Total Credits Earned			1.0	0.0	1.0	1.0
	Mastering the Art of Master Planning	8/14/24 7:46	8/14/24 9:00	1:13	1.0	1.0	1.0	
Gibson, Jay	Credits Requested:	Total Credits Earned			1.5	0.0	1.5	1.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:39	8/14/24 10:05	0:25	0.5	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5	0.5	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	0.5	0.5	
Gibson, Lucas	Credits Requested:	Total Credits Earned			0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 8:09	8/13/24 9:00	0:50		1.0	1.0	
Gill, Charles	Credits Requested:	Total Credits Earned			1.5	3.5	5.0	5.0

	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:00		1.0	1.0	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		0.5	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		0.5	0.5
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:14	8/13/24 11:42	0:27		0.5	0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:28	8/13/24 13:55	0:27	0.5		0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:13	8/14/24 15:55	0:41		0.5	0.5	0.5
	Leading Change	8/14/24 16:29	8/14/24 16:58	0:29		0.5	0.5	0.5
Girdham, Baylee	Credits Requested: PDHs			Total Credits Earned	3.5	4.5	8.0	8.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:00		1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5		0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:31	8/13/24 13:57	0:25		0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:58	8/13/24 15:26	0:28		0.5	0.5	0.5
	SRF Basics	8/13/24 15:56	8/13/24 16:29	0:33		0.5	0.5	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	0.5	0.5
	Mastering the Art of Master Planning	8/14/24 7:58	8/14/24 9:00	1:02	1.0		1.0	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		0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:26	8/14/24 14:00	0:33	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:15	8/14/24 15:55	0:39		0.5	0.5
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:29	8/14/24 16:55	0:26	0.5	0.5	0.5
Glessner, Bill							
	Credits Requested:				Total Credits Earned	0.5	1.0
						1.5	1.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:24	8/14/24 10:00	0:35	0.5	0.5	0.5
	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:26	8/14/24 14:30	1:04		1.0	1.0
Glotzbach, Paul							
	Credits Requested:				Total Credits Earned	5.0	1.5
						6.5	6.5
	Benefits of Big Bubble Mixing	8/14/24 8:30	8/14/24 9:00	0:30	0.5	0.5	0.5
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:32	8/14/24 10:00	0:28	0.5	0.5	0.5
	Using your data and SCADA for maintenance and savings	8/14/24 10:07	8/14/24 10:59	0:51		1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:00	0:35	0.5	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:54	8/15/24 8:30	0:35	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:37	1:03	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:19	8/15/24 10:45	0:25	0.5	0.5	0.5

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:55	8/15/24 11:25	0:29	0.5	0.5	0.5
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:27	8/15/24 11:55	0:28	0.5	0.5	0.5
Glover, Jeff	Credits Requested: PDHs			Total Credits Earned	4.0	2.0	6.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33	0.5	0.5	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	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:02	8/13/24 15:25	0:22	0.5	0.5	0.5
	IDEM Update	8/13/24 15:53	8/13/24 16:26	0:33	0.5	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:20	8/14/24 15:55	0:35	0.5	0.5	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	0.5	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	0.5	0.5
Goff, Renee	Credits Requested: PDHs			Total Credits Earned	3.0	2.0	5.0

	Welcome & Keynote Address	8/13/24 8:03	8/13/24 9:00	0:56		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:00		1.0	1.0	1.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:57	8/14/24 8:25	0:27	0.5		0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5		0.5	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		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5		0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:30	8/14/24 15:55	0:25	0.5		0.5	0.5
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:52	8/14/24 16:26	0:34	0.5		0.5	0.5
Goldsberry, Leroy								
	Credits Requested:					5.5	2.5	8.0
	Total Credits Earned							8.0
	Welcome & Keynote Address	8/13/24 7:47	8/13/24 9:00	1:12		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:01		1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:30	8/13/24 11:40	1:09	1.0		1.0	1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:30	8/13/24 13:55	0:25	0.5		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:24	0.5		0.5	0.5
	Mastering the Art of Master Planning	8/14/24 7:47	8/14/24 9:00	1:13	1.0		1.0	1.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:25	8/14/24 10:00	0:34	0.5		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5		0.5	0.5
	21ST Century FOG Management	8/14/24 13:16	8/14/24 13:59	0:42	0.5		0.5	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		0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:34	8/15/24 9:01	0:26		0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:06	8/15/24 9:37	0:30	0.5		0.5	0.5

Gomez, Kenneth

Credits Requested: Wastewater		Total Credits Earned		5.0	6.0	11.0	11.0
Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08		1.0	1.0	1.0
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:00		1.0	1.0	1.0
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:35	8/13/24 11:40	1:05	1.0		1.0	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		0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:26	0:25	0.5		0.5	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		0.5	0.5
Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:59	8/14/24 8:25	0:26	0.5		0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:28	8/14/24 9:00	0:32	0.5		0.5	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	1.0	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	0.5	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	1.0	1.0
Adaptive mixing and process optimization with energy savings	8/14/24 15:19	8/14/24 15:50	0:31	0.5		0.5	0.5
Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:58	8/15/24 8:30	0:32		0.5	0.5	0.5
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:37	1:03	1.0		1.0	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	1.0	1.0

Gonzalez, Omar

Credits Requested: Wastewater		Total Credits Earned		7.5	2.0	9.5	9.5
Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03		1.0	1.0	1.0
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:40	1:11	1.0		1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:26	0:25	0.5	0.5	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	0.5	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	1.0	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:35	8/14/24 14:00	0:25	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:54	8/15/24 8:30	0:36	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:38	1:05	1.0	1.0	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	0.5	0.5
Goodnight, Anthony							
	Credits Requested:				0.5	0.0	0.5
	Total Credits Earned				0.5	0.0	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:32	0.5	0.5	0.5
Grabast, Alex							
	Credits Requested:				3.5	0.0	3.5
	Total Credits Earned				3.5	0.0	3.5
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:28	8/14/24 10:00	0:32	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:20	8/14/24 15:55	0:34	0.5	0.5	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	0.5	0.5
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:27	8/14/24 16:55	0:27	0.5	0.5	0.5
Grabner, Greg							
	Credits Requested:				Total Credits Earned	0.0	1.0
	Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03		1.0	1.0
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	0.5	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	0.5	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	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:50	8/14/24 8:25	0:35	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:22	8/14/24 9:59	0:36	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:01	8/14/24 10:56	0:54	1.0	1.0	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:59	8/15/24 8:30	0:30	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:38	1:03	1.0	1.0	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	0.5	0.5

	Sustained 60 MGD? Sure, why not!	8/15/24 10:10	8/15/24 10:45	0:35	0.5	0.5	0.5		
Graham, Tricia	Credits Requested: PDHs				Total Credits Earned	1.5	2.0	3.5	3.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:01		1.0	1.0	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		0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:47	0:40	0.5		0.5	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	0:30	0.5		0.5	0.5	
	IDEM Update	8/13/24 15:54	8/13/24 16:26	0:32		0.5	0.5	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	0.5	0.5	
Gray, Adam	Credits Requested: Wastewater				Total Credits Earned	5.0	6.0	11.0	11.0
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08		1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:01		1.0	1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:32	8/13/24 11:40	1:07	1.0		1.0	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		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:26	0:25	0.5		0.5	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		0.5	0.5	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:59	8/14/24 8:25	0:26	0.5		0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5		0.5	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	1.0	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	0.5	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	1.0	1.0
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:58	8/15/24 8:30	0:32	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:38	1:03	1.0	1.0	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	1.0	1.0
Gray, Hunter	Credits Requested:		Total Credits Earned	0.0	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:19	8/14/24 15:55	0:35	0.5	0.5	0.5
Green, Justin	Credits Requested:		Total Credits Earned	0.5	0.0	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:50	8/13/24 15:25	0:35	0.5	0.5	0.5
Green, Matt	Credits Requested:		Total Credits Earned	1.0	0.0	1.0	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 10:31	8/14/24 11:05	0:34	0.5	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:00	0:34	0.5	0.5	0.5
Gress, Steven	Credits Requested: PDHs		Total Credits Earned	6.0	0.5	6.5	6.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 11:18	8/13/24 11:40	0:21	0.0	0.0	0.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:28	8/13/24 13:55	0:27	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:26	0:25	0.5	0.5	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	0.5	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	1.0	1.0
	Challenges In The Field	8/14/24 10:08	8/14/24 11:02	0:53	1.0	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:37	8/14/24 14:02	0:25	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:28	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:45	0:29	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:55	8/15/24 11:25	0:29	0.5	0.5	0.5
	UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant	8/15/24 11:29	8/15/24 11:57	0:27	0.5	0.5	0.5
Gridley, Anna	Credits Requested: PDHs				1.5	3.0	4.5
	Total Credits Earned						4.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:01		1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5		0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5		0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	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	0:30	0.5	0.5	0.5
	IDEM Update	8/13/24 15:54	8/13/24 16:26	0:32		0.5	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	0.5	0.5
Griffin, Jeffery	Credits Requested: Wastewater			Total Credits Earned	5.5	1.5	7.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:27	8/13/24 11:41	1:13	1.0	1.0	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	0.5	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	1.0	1.0
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:29	8/14/24 16:55	0:25		0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:56	8/15/24 8:30	0:34		0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:32	8/15/24 9:10	0:37		0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:45	0:29	0.5	0.5	0.5
Griffith, Jimmy	Credits Requested:			Total Credits Earned	1.0	2.5	3.5
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:11	1:01		1.0	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	0.5	0.5
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:14	8/13/24 11:42	0:27		0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:28	8/13/24 13:55	0:27	0.5	0.5	0.5
Grimstad, Don							
	Credits Requested:				Total Credits Earned	5.0	1.0
						6.0	6.0
	Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03		1.0	1.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:51	8/14/24 8:22	0:30	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:32	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	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	0.5	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	0.5	0.5
Groeneweg, Ben							
	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	4.0	1.5
						5.5	5.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5	0.5	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	1.0	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	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	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		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		0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:38	0.5		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		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		0.5

Grossmann, Lindsay

Credits Requested: Wastewater			Total Credits Earned	7.0	5.0	12.0	12.0
Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11		1.0	1.0	
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01		1.0	1.0	
Operator Certification Update	8/13/24 10:40	8/13/24 11:07	0:26		0.5	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	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		0.5	
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28		0.5	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		1.0	
Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:56	0:56	1.0		1.0	
Water Treatment Regulatory Terms & Definitions	8/14/24 9:30	8/14/24 9:59	0:28	0.5		0.5	
Challenges In The Field	8/14/24 10:03	8/14/24 10:56	0:52	1.0		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	1.0	1.0
	Tips for Labs that you may not know	8/15/24 8:00	8/15/24 8:30	0:30	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:35	8/15/24 9:01	0:25	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:09	8/15/24 9:37	0:27	0.5	0.5	0.5
	Basics of pH	8/15/24 9:43	8/15/24 10:15	0:32	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:15	8/15/24 10:47	0:31	0.5	0.5	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	1.0	1.0
Grove, Chris	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03	1.0	1.0	1.0
Guerin, Matt	Credits Requested: Drinking Water		Total Credits Earned	10.5	3.5	14.0	14.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01	1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:37	8/13/24 11:40	1:03	1.0	1.0	1.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:28	8/13/24 13:53	0:25	0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:56	8/13/24 14:29	0:33	0.5	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:55	8/13/24 15:26	0:31	0.5	0.5	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	1.0	1.0
	Out In The Field Not In A Book	8/14/24 7:50	8/14/24 8:57	1:06	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:24	8/14/24 9:59	0:34	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:01	8/14/24 10:56	0:54	1.0	1.0	1.0

	21ST Century FOG Management	8/14/24 13:22	8/14/24 13:59	0:36	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:17	8/14/24 16:14	0:57	1.0	1.0	1.0
	Transforming Compliance Using Collaborative Technology	8/14/24 16:30	8/14/24 16:57	0:27	0.5	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:54	8/15/24 8:30	0:36	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:33	8/15/24 9:05	0:32	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:30	0.5	0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:45	0:29	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30		0.5	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	0.5	0.5
Gupta, Shreya	Credits Requested:		Total Credits Earned	2.0	0.0	2.0	2.0
	Ultra-Low Phosphorus Limits	8/15/24 7:54	8/15/24 8:30	0:35	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:31	0.5	0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:27	8/15/24 11:55	0:28	0.5	0.5	0.5
Gustafson, Laura	Credits Requested:		Total Credits Earned	3.5	3.5	7.0	7.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:38	8/13/24 11:10	0:31	0.5	0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:26	8/13/24 13:52	0:26		0.5	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	0.5
	IDEM Update	8/13/24 15:58	8/13/24 16:26	0:28		0.5	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	0.5	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:01	8/14/24 8:27	0:25	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	0.5
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:29	8/14/24 10:30	1:00	1.0	1.0	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	0.5	0.5
	21ST Century FOG Management	8/14/24 13:27	8/14/24 13:59	0:31	0.5	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:18	8/14/24 15:55	0:37	0.5	0.5	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	0.5	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	0.5	0.5
Gutwein, Ethan	Credits Requested:		Total Credits Earned	2.5	0.5	3.0	3.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:58	8/14/24 8:25	0:26	0.5	0.5	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	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:26	8/14/24 14:00	0:34	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:12	8/14/24 15:55	0:42	0.5	0.5	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	0.5	0.5
Guyer, Chad	Credits Requested:		Total Credits Earned	9.0	2.5	11.5	11.5

Haas, David	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09	1.0	1.0	1.0		
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01	1.0	1.0	1.0		
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:37	8/13/24 11:40	1:03	1.0	1.0	1.0		
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:25	8/13/24 13:55	0:30	0.5	0.5	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	0.5	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	0.5	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	1.0	1.0		
	Out In The Field Not In A Book	8/14/24 7:59	8/14/24 8:56	0:57	1.0	1.0	1.0		
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 9:59	0:26	0.5	0.5	0.5		
	Challenges In The Field	8/14/24 10:03	8/14/24 10:56	0:52	1.0	1.0	1.0		
	21ST Century FOG Management	8/14/24 13:32	8/14/24 13:59	0:26	0.5	0.5	0.5		
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:28	0.5	0.5	0.5		
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:17	8/14/24 16:14	0:57	1.0	1.0	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	0.5	0.5		
	Back to Basics: Review of UV Disinfection	8/15/24 8:31	8/15/24 9:05	0:33	0.5	0.5	0.5		
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	0.5		
	Haas, David	Credits Requested: PDHs				Total Credits Earned	1.5	2.0	3.5
Workforce Development Roundtable		8/13/24 9:10	8/13/24 10:12	1:01	1.0	1.0	1.0		

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:11	8/13/24 11:47	0:36	0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:01	8/13/24 14:29	0:27		0.5	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	0:27	0.5	0.5	0.5
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:31		0.5	0.5
Haecker, Joe							
	Credits Requested: Wastewater				6.0	1.0	7.0
	Total Credits Earned						7.0
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:30	8/13/24 11:40	1:09	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:26	0:24	0.5	0.5	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	0.5	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	1.0	1.0
	Out In The Field Not In A Book	8/14/24 7:53	8/14/24 8:56	1:03	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 9:59	0:31	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:05	8/14/24 11:02	0:57	1.0	1.0	1.0
Haenlein, Eric							
	Credits Requested:				1.0	0.0	1.0
	Total Credits Earned						1.0
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5
Hale, Eugene							

	Credits Requested: Wastewater	Total Credits Earned			7.5	2.5	10.0	10.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01		1.0	1.0	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		1.0	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		0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:25	0:29	0.5		0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5		0.5	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		0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:00	0:35	0.5		0.5	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		0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:58	8/15/24 8:30	0:32	0.5		0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:04	1.0		1.0	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		0.5	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 10:12	8/15/24 11:30	1:17	1.0		1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25		0.5	0.5	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		0.5	0.5
	Hall, Bradley	Credits Requested: Wastewater	Total Credits Earned			12.5	1.0	13.5
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11		1.0	1.0	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		1.0	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	0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:26	0:24	0.5	0.5	0.5
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:54	8/13/24 15:25	0:31	0.5	0.5	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	1.0	1.0
Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:58	8/14/24 8:25	0:26	0.5	0.5	0.5
Benefits of Big Bubble Mixing	8/14/24 8:26	8/14/24 9:00	0:33	0.5	0.5	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	0.5	0.5
Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 9:59	0:26	0.5	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5
50 Years Later and SND Still Works	8/14/24 13:28	8/14/24 14:00	0:32	0.5	0.5	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	0.5	0.5
Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:19	8/14/24 16:14	0:55	1.0	1.0	1.0
Transforming Compliance Using Collaborative Technology	8/14/24 16:25	8/14/24 16:57	0:32	0.5	0.5	0.5
Ultra-Low Phosphorus Limits	8/15/24 7:56	8/15/24 8:30	0:33	0.5	0.5	0.5
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:05	1.0	1.0	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	0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:45	0:29	0.5	0.5	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	1.0	1.0	
Hall, James	Credits Requested: Drinking Water				Total Credits Earned 1.5	2.5	4.0	4.0
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:32	8/14/24 11:03	0:30		0.5	0.5	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	1.0	1.0
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5		0.5	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		0.5	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	0:34		0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:36	8/15/24 9:10	0:33		0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:37	0:30	0.5		0.5	0.5
Hammerle, Tyler	Credits Requested: PDHs				Total Credits Earned 9.0	4.5	13.5	13.5
	Welcome & Keynote Address	8/13/24 8:02	8/13/24 9:00	0:57		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01		1.0	1.0	1.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:15	8/13/24 11:41	1:25	1.0		1.0	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		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:52	8/13/24 15:25	0:33	0.5		0.5	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		1.0	1.0
	Mastering the Art of Master Planning	8/14/24 7:56	8/14/24 9:00	1:04	1.0		1.0	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	0.5	0.5
	Using your data and SCADA for maintenance and savings	8/14/24 10:02	8/14/24 10:59	0:57		1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:01	0:36	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:54	8/14/24 16:25	0:30		0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:27	8/14/24 16:55	0:27		0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:51	8/15/24 8:30	0:38	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:38	1:05	1.0	1.0	1.0
	Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges	8/15/24 9:47	8/15/24 10:15	0:27	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:09	8/15/24 10:45	0:36	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:26		0.5	0.5
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:26	8/15/24 11:55	0:28	0.5	0.5	0.5
Hanko, Jay							
	Credits Requested:				Total Credits Earned	1.0	0.0
						1.0	1.0
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	0.5
	UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant	8/15/24 11:21	8/15/24 11:57	0:35	0.5	0.5	0.5
Hardy, Jeremy							
	Credits Requested:				Total Credits Earned	2.5	3.0
						5.5	5.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:34	8/13/24 11:40	1:06	1.0	1.0	1.0
	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	0.5

	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:57	8/13/24 15:25	0:27	0.5	0.5	0.5		
	SRF Basics	8/13/24 15:48	8/13/24 16:29	0:41		0.5	0.5		
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:30	8/14/24 10:00	0:29	0.5	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	0.5		
	Ethics in Engineering	8/14/24 13:24	8/14/24 14:30	1:06		1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:08	8/14/24 16:21	1:13		1.0	1.0		
Harner, Josh									
	Credits Requested:				Total Credits Earned	8.5	2.0	10.5	10.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:38	8/13/24 11:40	1:02	1.0	1.0	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	0.5	0.5		
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:26	0:25	0.5	0.5	0.5		
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:57	8/13/24 15:26	0:28		0.5	0.5		
	SRF Basics	8/13/24 15:49	8/13/24 16:29	0:40		0.5	0.5		
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:26	8/13/24 17:00	0:33		0.5	0.5		
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:55	8/14/24 8:25	0:30	0.5	0.5	0.5		
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5	0.5	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	0.5	0.5		
	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:01	0:36	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	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	0.5	0.5
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:53	8/15/24 8:30	0:37		0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:36	8/15/24 9:05	0:29	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	0.5	0.5
Harrison, Christopher							
	Credits Requested: Wastewater				Total Credits Earned	1.5	1.5
						3.0	3.0
	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	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	0.5	0.5
	SRF Basics	8/13/24 16:00	8/13/24 16:29	0:28		0.5	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	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	0.5
Hartman, Ryan							

Credits Requested:		Total Credits Earned			2.5	1.0	3.5	3.5
Mastering the Art of Master Planning	8/14/24 7:57	8/14/24 9:00	1:03	1.0		1.0	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		0.5	0.5	
Challenges In The Field	8/14/24 10:03	8/14/24 10:56	0:52	1.0		1.0	1.0	
Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:28	8/14/24 14:30	1:01		1.0	1.0	1.0	
Harvey, David								
Credits Requested: PDHs		Total Credits Earned			6.0	7.0	13.0	13.0
Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03		1.0	1.0	1.0	
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01		1.0	1.0	1.0	
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:32	8/13/24 11:40	1:07	1.0		1.0	1.0	
PFAS Regulations Impact on the Future of Land Application	8/13/24 13:24	8/13/24 13:55	0:31	0.5		0.5	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		0.5	0.5	
Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:54	8/13/24 15:26	0:31		0.5	0.5	0.5	
IDEM Update	8/13/24 15:55	8/13/24 16:26	0:30		0.5	0.5	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	0.5	0.5	
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:52	8/14/24 8:22	0:30	0.5		0.5	0.5	
Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5		0.5	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		0.5	0.5	
North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5		0.5	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	0.5	0.5	
	Ethics in Engineering	8/14/24 13:21	8/14/24 14:30	1:09	1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:15	8/14/24 16:21	1:06	1.0	1.0	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	0.5	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	0:34	0.5	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:27	8/15/24 9:05	0:37	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:29	0.5	0.5	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	1.0	1.0	
Hasenour, Brenton	Credits Requested:			Total Credits Earned	1.0	0.0	1.0	1.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:27	8/14/24 10:00	0:32	0.5	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:33	0.5	0.5	0.5	
Hawbaker, Olivia	Credits Requested: PDHs			Total Credits Earned	1.5	3.0	4.5	4.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:40	8/13/24 11:10	0:29	0.5	0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:10	8/13/24 11:47	0:37	0.5	0.5	0.5	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:31	8/13/24 14:00	0:29	0.5	0.5	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	0.5	0.5	
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:58	8/13/24 15:25	0:27	0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:36	8/14/24 14:30	0:54	1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:17	8/14/24 16:21	1:04	1.0	1.0	1.0	
Healy, Tim								
	Credits Requested: PDHs	Total Credits Earned			1.0	5.0	6.0	6.0
	Operator Certification Update	8/13/24 10:30	8/13/24 11:06	0:36	0.5	0.5	0.5	
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:13	8/13/24 11:42	0:29	0.5	0.5	0.5	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33	0.5	0.5	0.5	
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:01	8/13/24 14:29	0:28	0.5	0.5	0.5	
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:58	8/13/24 15:26	0:28	0.5	0.5	0.5	
	IDEM Update	8/13/24 15:59	8/13/24 16:26	0:27	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:09	8/14/24 10:35	0:25	0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:30	8/14/24 14:30	1:00	1.0	1.0	1.0	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:20	0:03	0.0	0.0	0.0	
	Indiana Law and Statutes	8/14/24 15:21	8/14/24 16:21	1:00	1.0	1.0	1.0	
Henderson, David								
	Credits Requested: Wastewater	Total Credits Earned			6.5	2.5	9.0	9.0
	Welcome & Keynote Address	8/13/24 7:45	8/13/24 9:00	1:14	1.0	1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:30	8/13/24 11:40	1:09	1.0	1.0	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	0.5	0.5	

	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:24	0.5	0.5	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	0.5	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	1.0	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	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0	1.0
	21ST Century FOG Management	8/14/24 13:26	8/14/24 13:59	0:33	0.5	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:38	0.5	0.5	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	0.5	0.5
	Leading Change	8/14/24 16:30	8/14/24 16:58	0:27	0.5	0.5	0.5
Hendricks, Michael	Credits Requested: Wastewater		Total Credits Earned	4.0	1.0	5.0	5.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:31	8/13/24 11:40	1:09	1.0	1.0	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	0.5	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	0.5	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	1.0	1.0
	Hydraulic Modeling - What is it good for?	8/14/24 8:35	8/14/24 9:00	0:25	0.5	0.5	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	0.5	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	1.0
Hendrickson, Donald	Credits Requested: Wastewater						
			Total Credits Earned	6.0	2.0	8.0	8.0
	Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:13		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:42	8/13/24 11:40	0:58	1.0		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		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		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		0.5
	IDEM Update	8/13/24 15:59	8/13/24 16:26	0:27		0.5	0.5
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:28	8/13/24 17:00	0:32		0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:57	8/14/24 8:25	0:28	0.5		0.5
	Benefits of Big Bubble Mixing	8/14/24 8:26	8/14/24 9:00	0:33	0.5		0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:32	8/14/24 9:59	0:26	0.5		0.5
	Challenges In The Field	8/14/24 10:02	8/14/24 11:02	1:00	1.0		1.0
	21ST Century FOG Management	8/14/24 13:37	8/14/24 14:02	0:25	0.5		0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:34	8/14/24 16:14	0:40	0.5		0.5
Hendrix, Coryn	Credits Requested:						
			Total Credits Earned	1.0	2.0	3.0	3.0
	Welcome & Keynote Address	8/13/24 8:01	8/13/24 9:00	0:58		1.0	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		0.5

	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:32	0.5	0.5	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	0.5	0.5	
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:58	8/13/24 15:25	0:27	0.5	0.5	0.5	
Henricksen, Bob								
	Credits Requested: PDHs	Total Credits Earned			4.0	2.0	6.0	6.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5	0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:47	0:40	0.5	0.5	0.5	
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:27	8/13/24 13:57	0:29	0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:04	8/13/24 14:32	0:28	0.5	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:25	0.5	0.5	0.5	
	IDEM Update	8/13/24 16:01	8/13/24 16:26	0:25	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:31	0.5	0.5	0.5	
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:31	0.5	0.5	0.5	
	50 Years Later and SND Still Works	8/14/24 13:32	8/14/24 14:01	0:28	0.5	0.5	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	0.5	0.5	

	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	0.5
Henschen, Steve	Credits Requested: PDHs				Total Credits Earned 7.5	2.0	9.5
	IDEM Update	8/13/24 16:00	8/13/24 16:26	0:25		0.5	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	0.5
	Mastering the Art of Master Planning	8/14/24 7:56	8/14/24 9:00	1:04	1.0		1.0
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:26	8/14/24 10:00	0:34	0.5		0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5		0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:32	8/14/24 11:03	0:30		0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:29	8/14/24 14:00	0:31	0.5		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		0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:19	8/14/24 15:55	0:36	0.5		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		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		0.5
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:53	8/15/24 8:30	0:37		0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:04	1.0		1.0
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5		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 10:20	8/15/24 11:30	1:09	1.0	1.0	1.0		
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:25	8/15/24 11:55	0:30	0.5	0.5	0.5		
Hernandez, Sarah	Credits Requested:				Total Credits Earned	5.5	3.5	9.0	9.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	0.5		
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:31		0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	0.5	0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:59	8/13/24 15:26	0:27		0.5	0.5	0.5	
	SRF Basics	8/13/24 16:00	8/13/24 16:29	0:28		0.5	0.5	0.5	
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:52	8/14/24 8:22	0:30	0.5		0.5	0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:26	8/14/24 9:00	0:33	0.5		0.5	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		0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5		0.5	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		0.5	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:34	8/14/24 14:00	0:26	0.5		0.5	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		0.5	0.5	

	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:52	8/15/24 8:30	0:38	0.5	0.5	0.5		
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:04	1.0	1.0	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	1.0	1.0		
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:27	8/15/24 11:55	0:28	0.5	0.5	0.5		
Hersha, Jeff	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	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	0.5	0.5		
Hickey, Connor	Credits Requested: PDHs				Total Credits Earned	3.0	3.5	6.5	6.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:39	8/13/24 11:41	1:02	1.0	1.0	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	0.5	0.5		
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:24	0.5	0.5	0.5		
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:00	8/13/24 15:26	0:25	0.5	0.5	0.5		
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:30	0.5	0.5	0.5		
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:32	8/14/24 10:00	0:28	0.5	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	0.5		
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:32	0.5	0.5	0.5		
	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:39	8/14/24 14:30	0:51	1.0	1.0	1.0		

	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:21	8/14/24 15:55	0:33	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:59	8/14/24 16:25	0:26	0.5	0.5	0.5
Hicks, Gayle	Credits Requested:		Total Credits Earned	3.0	3.0	6.0	6.0
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:16	8/13/24 11:42	0:26	0.5	0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:30	8/13/24 13:56	0:25	0.5	0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:53	8/13/24 15:25	0:32	0.5	0.5	0.5
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:37	8/14/24 10:30	0:52	1.0	1.0	1.0
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:31	0.5	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:35	8/14/24 14:00	0:25	0.5	0.5	0.5
	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	1.0	1.0
	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	1.0	1.0
Hicks, Keith	Credits Requested:		Total Credits Earned	2.0	0.0	2.0	2.0
	Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits	8/13/24 15:59	8/13/24 16:55	0:56	1.0	1.0	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	0.5	0.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:25	8/14/24 10:00	0:34	0.5	0.5	0.5
Hill, Travis	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0

	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	1:00	1.0	1.0	1.0
Hilt, Alex	Credits Requested: PDHs						
				Total Credits Earned	0.0	4.0	4.0
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:03	8/13/24 14:29	0:26	0.5	0.5	0.5
	SRF Basics	8/13/24 15:48	8/13/24 16:29	0:41	0.5	0.5	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	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:32	8/14/24 11:03	0:31	0.5	0.5	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	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:17	8/14/24 15:52	0:34	0.5	0.5	0.5
	Leading Change	8/14/24 16:29	8/14/24 16:58	0:28	0.5	0.5	0.5
Hitz-Bradley, Anna	Credits Requested:						
				Total Credits Earned	3.0	2.5	5.5
	50 Years Later and SND Still Works	8/14/24 13:29	8/14/24 14:01	0:31	0.5	0.5	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	0.5	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	0.5	0.5
	Transforming Compliance Using Collaborative Technology	8/14/24 16:32	8/14/24 16:57	0:25	0.5	0.5	0.5
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 8:01	8/15/24 8:30	0:29	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:31	8/15/24 9:10	0:38	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:11	8/15/24 9:40	0:28	0.5	0.5	0.5
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:44	8/15/24 10:50	1:05	1.0	1.0	1.0

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:58	8/15/24 11:25	0:27	0.5	0.5	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	0.5	0.5
Hobbs, Matt	Credits Requested:		Total Credits Earned	3.0	1.0	4.0	4.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:43	8/13/24 11:40	0:57	1.0	1.0	1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:22	8/13/24 13:56	0:33	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:24	0.5	0.5	0.5
	SRF Basics	8/13/24 15:52	8/13/24 16:29	0:37	0.5	0.5	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	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:37	0.5	0.5	0.5
Hobson, Todd	Credits Requested: Wastewater		Total Credits Earned	9.0	2.0	11.0	11.0
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10	1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:35	8/13/24 11:40	1:05	1.0	1.0	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	0.5	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	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:55	8/13/24 15:25	0:29	0.5	0.5	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	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	0.5	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	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	0.5	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	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:15	8/14/24 16:14	0:59	1.0	1.0	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:53	8/15/24 8:30	0:36	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:05	0:33	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:32	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:45	0:34	0.5	0.5	0.5
Holden, Robert	Credits Requested: PDHs			Total Credits Earned	6.5	2.0	8.5
Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:50	8/14/24 8:25	0:34	0.5	0.5	0.5	
Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	0.5	
WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:32	8/14/24 10:00	0:28	0.5	0.5	0.5	
Using your data and SCADA for maintenance and savings	8/14/24 10:02	8/14/24 10:37	0:35		0.5	0.5	
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:37	8/14/24 11:03	0:26		0.5	0.5	
50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:01	0:36	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 16:00	8/14/24 16:25	0:25		0.5	0.5
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:30	8/14/24 16:55	0:25	0.5	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:50	8/15/24 8:30	0:40	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:37	8/15/24 9:38	1:01	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:46	0:32	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:31		0.5	0.5
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:27	8/15/24 11:55	0:27	0.5	0.5	0.5
Holding, Alan							
	Credits Requested:				Total Credits Earned	0.0	1.0
						1.0	1.0
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:29	8/14/24 10:30	1:01		1.0	1.0
Hollinden, Greg E.							
	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	6.0	0.0
						5.5	5.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:39	8/13/24 11:40	1:01	1.0	1.0	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	0.0	0.0
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:24	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:30	8/14/24 9:00	0:30	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	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	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:32	8/14/24 14:01	0:28	0.5	0.5	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	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:10	8/15/24 10:46	0:35	0.5	0.5	0.5
Hood, Bryan							
	Credits Requested: PDHs				7.5	4.0	11.5
	Total Credits Earned						11.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:47	0:40	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29		0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:00	8/13/24 15:26	0:25	0.5	0.5	0.5
	IDEM Update	8/13/24 16:00	8/13/24 16:26	0:26		0.5	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	0.5
	Mastering the Art of Master Planning	8/14/24 7:47	8/14/24 9:00	1:13	1.0	1.0	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	0.5	0.5

	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:25	8/14/24 14:00	0:35	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5	0.5	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	0.5	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	0.5	0.5
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:50	8/15/24 8:30	0:40		0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:27	8/15/24 9:05	0:37	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	0.5
	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	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31		0.5	0.5
Hood, Josh	Credits Requested: PDHs			Total Credits Earned	4.0	0.0	4.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:57	8/14/24 8:25	0:27	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:28	8/14/24 14:00	0:32	0.5	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	0.5	
House, Jason	Credits Requested:			Total Credits Earned	0.0	0.5	0.5	0.5
	Operator Certification Update	8/13/24 10:30	8/13/24 11:06	0:36		0.5	0.5	0.5
House, Mitch	Credits Requested: PDHs			Total Credits Earned	1.0	0.5	1.5	1.5
	50 Years Later and SND Still Works	8/14/24 13:34	8/14/24 14:01	0:27	0.5		0.5	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		0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:20	8/14/24 15:55	0:34		0.5	0.5	0.5
Howell, Patrick	Credits Requested: Wastewater			Total Credits Earned	8.5	3.0	11.5	11.5
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54		1.0	1.0	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		1.0	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		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:37	0.5		0.5	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	1.0	1.0	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:52	8/14/24 8:25	0:32	0.5	0.5	0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	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	0.5	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	1.0	1.0	
	50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:01	0:35	0.5	0.5	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	0.5	0.5	
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:59	8/14/24 16:25	0:25	0.5	0.5	0.5	
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:26	0.5	0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:48	8/15/24 8:30	0:41	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:38	1:06	1.0	1.0	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	0.5	0.5	
Huckstep, Matt	Credits Requested:			Total Credits Earned	0.0	1.0	1.0	1.0
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:27	0.5	0.5	0.5	
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:27	0.5	0.5	0.5	
Hudson, Daniel	Credits Requested: Wastewater, PDHs			Total Credits Earned	7.5	5.5	13.0	13.0
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08	1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01	1.0	1.0	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	0.5	0.5	

	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:51	8/13/24 15:25	0:33	0.5	0.5	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	0:58	1.0	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:25	0:25	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:35	8/14/24 9:00	0:24	0.5	0.5	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:01	0:35	0.5	0.5	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	0.5	0.5
	Indiana Law and Statutes	8/14/24 15:17	8/14/24 16:21	1:04	1.0	1.0	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:58	8/15/24 8:30	0:31	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:05	1.0	1.0	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	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:52	8/15/24 11:25	0:33	0.5	0.5	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	0.5	0.5
Hume, Breanna							
	Credits Requested: PDHs		Total Credits Earned	6.5	4.0	10.5	10.5
	Welcome & Keynote Address	8/13/24 7:53	8/13/24 9:00	1:06	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01	1.0	1.0	1.0

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:38	8/13/24 11:10	0:31	0.5	0.5	0.5
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:12	8/13/24 11:42	0:30	0.5	0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:28	8/13/24 13:56	0:27	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28	0.5	0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	0.5
	IDEM Update	8/13/24 15:58	8/13/24 16:26	0:28	0.5	0.5	0.5
	Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:57	0:56	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:25	8/14/24 9:59	0:34	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:05	8/14/24 10:56	0:51	1.0	1.0	1.0
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 8:04	8/15/24 8:30	0:26	0.5	0.5	0.5
	Optimizing Blower Filtration for Reliability, efficiency, and Value	8/15/24 9:09	8/15/24 10:15	1:06	1.0	1.0	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 10:19	8/15/24 11:30	1:11	1.0	1.0	1.0
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:29	8/15/24 11:55	0:25	0.5	0.5	0.5
Humerickhouse, Allen	Credits Requested: Wastewater			Total Credits Earned	4.0	2.0	6.0
	Operator Certification Update	8/13/24 10:36	8/13/24 11:06	0:30	0.5	0.5	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	0.5	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	0.5	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	0.5	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	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:30	0.5	0.5	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	0.5	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	1.0
	21ST Century FOG Management	8/14/24 13:27	8/14/24 13:59	0:31	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:31	0.5	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:20	8/14/24 15:50	0:30	0.5	0.5	0.5
Hunsucker, Scott	Credits Requested: Wastewater			Total Credits Earned	10.5	2.5	13.0
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:40	1:11	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:37	0.5	0.5	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	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:49	8/14/24 8:25	0:35	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0

	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:01	0:36	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:38	1:05	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:10	8/15/24 10:46	0:35	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31	0.5	0.5	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	0.5	0.5
Hunt, Weston	Credits Requested:		Total Credits Earned	3.5	0.0	3.5	3.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:25	0:29	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:07	8/14/24 11:02	0:55	1.0	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:01	0:35	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:31	0.5	0.5	0.5
Husband, Bailey	Credits Requested: PDHs		Total Credits Earned	2.0	0.5	2.5	2.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:05	1.0	1.0	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	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25		0.5	0.5	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:31	8/15/24 11:56	0:25	0.5	0.5	0.5	
Huskey, Logan	Credits Requested: Wastewater				6.0	3.0	9.0	
	Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:13		1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01		1.0	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		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		0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5		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		0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5		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		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	1.0	
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:01	0:35	0.5		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		0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:53	8/15/24 8:30	0:37	0.5		0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5		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		0.5	
	Huston, John	Credits Requested: PDHs				2.0	0.0	2.0
		Benefits of Big Bubble Mixing	8/14/24 8:32	8/14/24 9:00	0:27	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:29	0.5	0.5	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	0.5	0.5	
Hutson, Karrie	Credits Requested: Wastewater		Total Credits Earned		10.5	1.5	12.0	12.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:30	8/13/24 11:41	1:10	1.0	1.0	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	0.5	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	0.5	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	0.5	0.5	
	IDEM Update	8/13/24 15:55	8/13/24 16:26	0:31		0.5	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	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	0.5	0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:30	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5	

	21ST Century FOG Management	8/14/24 13:16	8/14/24 13:59	0:43	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:15	8/14/24 16:14	0:59	1.0	1.0	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:50	8/15/24 8:30	0:39	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:38	1:06	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:09	8/15/24 10:46	0:36	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:32		0.5	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	0.5	0.5
Hutton, Aaron							
	Credits Requested: PDHs				Total Credits Earned	4.0	1.0
						5.0	5.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	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	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:30	8/13/24 13:56	0:26	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:49	8/13/24 15:25	0:36	0.5	0.5	0.5
	Mastering the Art of Master Planning	8/14/24 7:59	8/14/24 9:00	1:00	1.0	1.0	1.0
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:33	8/14/24 11:03	0:30		0.5	0.5

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:29	8/14/24 14:00	0:31	0.5	0.5	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	0.5	0.5
Huwe, Patrick	Credits Requested: Wastewater			Total Credits Earned	5.5	7.0	12.5
	Welcome & Keynote Address	8/13/24 8:06	8/13/24 9:00	0:53		1.0	1.0
	Operator Certification Update	8/13/24 10:30	8/13/24 11:06	0:36		0.5	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	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:30	8/13/24 13:57	0:26		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5		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		0.5
	IDEM Update	8/13/24 15:50	8/13/24 16:26	0:36		0.5	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	0.5
	Mastering the Art of Master Planning	8/14/24 8:08	8/14/24 9:00	0:52	1.0		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	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	0.5
	Ethics in Engineering	8/14/24 13:24	8/14/24 14:30	1:06		1.0	1.0
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5		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		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		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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:39	8/15/24 9:05	0:26	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5	0.5	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	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:55	8/15/24 11:25	0:29	0.5	0.5	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	0.5	0.5	
Hyden, Larry	Credits Requested: Wastewater		Total Credits Earned		7.5	2.5	10.0	10.0
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11		1.0	1.0	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		1.0	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		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5		0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:25	0:25	0.5		0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:31	8/14/24 9:00	0:29	0.5		0.5	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		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5		0.5	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		0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:32	8/14/24 14:01	0:29	0.5		0.5	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	0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 8:02	8/15/24 8:30	0:27	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:38	8/15/24 9:38	0:59	1.0	1.0	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	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25		0.5	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	0.5	0.5	
Ingram, Bridget								
	Credits Requested: PDHs	Total Credits Earned			11.0	2.5	13.5	13.5
	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	0:59		1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01		1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:39	1:09	1.0	1.0	1.0	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:20	8/13/24 13:56	0:35	0.5	0.5	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	0.5	0.5	
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:53	8/13/24 16:55	1:02	1.0	1.0	1.0	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:53	8/14/24 8:25	0:32	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:29	8/14/24 14:00	0:31	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:52	8/15/24 8:30	0:37	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:31	8/15/24 9:05	0:33	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:19	8/15/24 10:46	0:27	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30		0.5	0.5
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:26	8/15/24 11:55	0:28	0.5	0.5	0.5
Irwin, Tracey	Credits Requested: PDHs				5.0	5.0	10.0
				Total Credits Earned			10.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:41	1:11	1.0	1.0	1.0
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33		0.5	0.5

Isakson, Mike	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 14:26	0:26	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:49	8/13/24 15:25	0:36	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5
	Ethics in Engineering	8/14/24 13:09	8/14/24 14:30	1:21	1.0	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:07	8/14/24 16:21	1:14	1.0	1.0	1.0
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:29	8/14/24 16:55	0:26	0.5	0.5	0.5
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:51	8/15/24 8:30	0:39	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:31	8/15/24 9:10	0:38	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	0.5
	City of Kalamazoo’s Holistic Approach to Selecting New Process Technologies	8/15/24 9:44	8/15/24 10:50	1:05	1.0	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:58	8/15/24 11:25	0:26	0.5	0.5	0.5
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:26	8/15/24 11:55	0:29	0.5	0.5	0.5
	Credits Requested: PDHs				Total Credits Earned	2.5	3.0
Welcome & Keynote Address	8/13/24 8:03	8/13/24 9:00	0:56	1.0	1.0	1.0	

	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01		1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5		0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:47	0:38	0.5		0.5	0.5
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:25	8/13/24 13:57	0:32	0.5		0.5	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		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:26	0.5		0.5	0.5
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:31		0.5	0.5	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	0.5	0.5
Islam, Dr. Nilufar	Credits Requested:		Total Credits Earned		4.0	6.0	10.0	10.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:23	8/13/24 13:56	0:32	0.5		0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:03	8/13/24 14:29	0:25		0.5	0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:59	8/13/24 15:25	0:26	0.5		0.5	0.5
	SRF Basics	8/13/24 15:47	8/13/24 16:29	0:42		0.5	0.5	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	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:35	8/14/24 9:00	0:24	0.5		0.5	0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 9:59	0:26	0.5		0.5	0.5

	Using your data and SCADA for maintenance and savings	8/14/24 10:07	8/14/24 10:59	0:51	1.0	1.0	1.0		
	Ethics in Engineering	8/14/24 13:34	8/14/24 14:30	0:56	1.0	1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:16	8/14/24 16:21	1:05	1.0	1.0	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	0.5	0.5		
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 8:01	8/15/24 8:30	0:29	0.5	0.5	0.5		
	Back to Basics: Review of UV Disinfection	8/15/24 8:37	8/15/24 9:05	0:27	0.5	0.5	0.5		
	Optimizing Blower Filtration for Reliability, efficiency, and Value	8/15/24 9:06	8/15/24 10:15	1:09	1.0	1.0	1.0		
	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	1.0	1.0		
Jackson, Camren	Credits Requested:				Total Credits Earned	1.0	0.5	1.5	1.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:01	0:27	0.5	0.5	0.5		
	Flexing Your Procurement Muscle	8/15/24 9:11	8/15/24 9:37	0:26	0.5	0.5	0.5		
	A case for better lab results	8/15/24 10:19	8/15/24 10:47	0:27	0.5	0.5	0.5		
JACKSON, JERRY	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	8.0	2.0	10.0	10.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:34	8/13/24 11:41	1:06	1.0	1.0	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	0.5	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	0.5	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	0.5	0.5		
	Out In The Field Not In A Book	8/14/24 8:02	8/14/24 8:57	0:54	1.0	1.0	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		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5		0.5	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		0.5	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		0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:20	8/14/24 15:55	0:35	0.5		0.5	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		0.5	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		0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:38	1:06	1.0		1.0	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	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25		0.5	0.5	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		0.5	0.5
Jain, Vivek								
	Credits Requested: PDHs						4.0	1.5
	Total Credits Earned						5.5	5.5
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:28	8/14/24 10:00	0:32	0.5		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5		0.5	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		0.5	0.5

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:23	8/14/24 14:00	0:36	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:12	8/14/24 15:55	0:42		0.5	0.5
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:57	8/14/24 16:26	0:29	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:31	8/15/24 9:05	0:34	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	1.0
Janakiraman, Aarthi	Credits Requested:			Total Credits Earned	1.0	2.5	3.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	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	0.5	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	1.0
	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:26	8/14/24 14:30	1:04		1.0	1.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:21	8/14/24 15:55	0:33		0.5	0.5
Janwari, Aquil	Credits Requested:			Total Credits Earned	0.5	1.0	1.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:58	8/13/24 14:30	0:31		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:49	8/13/24 15:25	0:36	0.5	0.5	0.5
	IDEM Update	8/13/24 15:54	8/13/24 16:27	0:32		0.5	0.5
Jarvis, Duane	Credits Requested:			Total Credits Earned	2.0	1.5	3.5

	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	1.0	1.0	
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:37	0.5	0.5	0.5	
	Tips for Labs that you may not know	8/15/24 8:02	8/15/24 8:30	0:27	0.5	0.5	0.5	
	Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:37	0:30	0.5	0.5	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	1.0	1.0	
Jefferson, Jemesia	Credits Requested:			Total Credits Earned	1.0	2.5	3.5	3.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:38	8/13/24 11:10	0:31	0.5	0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:47	0:39	0.5	0.5	0.5	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33	0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:29	0.5	0.5	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	0.5	0.5	
	SRF Basics	8/13/24 15:55	8/13/24 16:29	0:33	0.5	0.5	0.5	
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:27	8/13/24 17:00	0:33	0.5	0.5	0.5	
Jessie, Robert	Credits Requested:			Total Credits Earned	1.0	0.5	1.5	1.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:26	8/13/24 11:41	1:15	1.0	1.0	1.0	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:00	0:34	0.5	0.5	0.5	

Jeter, Christopher								
Credits Requested: PDHs		Total Credits Earned			3.0	3.0	6.0	6.0
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:32	8/13/24 11:10	0:37	0.5		0.5	0.5	
In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:47	0:39	0.5		0.5	0.5	
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:32	8/13/24 14:00	0:28		0.5	0.5	0.5	
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:04	8/13/24 14:32	0:28		0.5	0.5	0.5	
Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:00	8/13/24 15:25	0:25	0.5		0.5	0.5	
IDEM Update	8/13/24 15:51	8/13/24 16:27	0:35		0.5	0.5	0.5	
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:01	8/14/24 8:27	0:25	0.5		0.5	0.5	
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	1.0	1.0	
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:34	8/14/24 11:03	0:28		0.5	0.5	0.5	
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:33	8/14/24 14:00	0:27	0.5		0.5	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		0.5	0.5	
Jia, Shiwei								
Credits Requested:		Total Credits Earned			2.0	1.0	3.0	3.0
Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5		0.5	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		0.5	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	1.0	1.0	

	Requirements vs. Reality - Design Capacity Compared to Real World Observations	8/14/24 14:03	8/14/24 14:35	0:31	0.5	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5
Johnson, Cole	Credits Requested: PDHs		Total Credits Earned	1.0	1.5	2.5	2.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:25	8/13/24 13:52	0:27	0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:59	8/13/24 14:30	0:30	0.5	0.5	0.5
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:32	8/14/24 10:00	0:27	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:18	8/14/24 15:55	0:36	0.5	0.5	0.5
Johnson, Lee	Credits Requested:		Total Credits Earned	1.0	0.0	1.0	1.0
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:32	8/14/24 10:00	0:28	0.5	0.5	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	0.5	0.5
Jones, Jasper	Credits Requested:		Total Credits Earned	4.0	0.5	4.5	4.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:03	8/14/24 10:56	0:53	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:26	8/14/24 13:59	0:32	0.5	0.5	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	0.5	0.5		
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:39		0.5	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	0.5	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	0.5	0.5		
Jones, Kendra	Credits Requested: Wastewater				Total Credits Earned	2.0	0.0	2.0	2.0
	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	0.5	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	0.5	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	0.0	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	1.0	1.0		
	Jones, Sally	Credits Requested:				Total Credits Earned	3.5	2.5	6.0
Conversion of an underutilized combined sewer to a storm sewer		8/13/24 10:42	8/13/24 11:10	0:27	0.5	0.5	0.5		
In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana		8/13/24 11:10	8/13/24 11:47	0:37	0.5	0.5	0.5		
Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks		8/13/24 13:31	8/13/24 13:57	0:25		0.5	0.5	0.5	

	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:56	8/13/24 14:30	0:33	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:55	8/13/24 15:26	0:31	0.5	0.5	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	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:35	8/14/24 9:00	0:25	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:33	8/14/24 14:00	0:27	0.5	0.5	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	0.5	0.5
	Indiana Law and Statutes	8/14/24 15:16	8/14/24 15:18	0:02	0.0	0.0	0.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:19	8/14/24 15:55	0:35	0.5	0.5	0.5
Judge, John							
	Credits Requested: PDHs			Total Credits Earned	3.5	1.0	4.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01	1.0	1.0	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	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:47	0:39	0.5	0.5	0.5
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:27	8/13/24 13:57	0:30	0.5	0.5	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	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:58	8/13/24 15:26	0:27	0.5	0.5	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	1.0	1.0
Kaminsky, Josh	Credits Requested: Total Credits Earned						
					1.0	0.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:30	8/14/24 9:59	0:28	0.5	0.5	0.5
	21ST Century FOG Management	8/14/24 13:23	8/14/24 13:59	0:35	0.5	0.5	0.5
Kangogo, Mercy	Credits Requested: Total Credits Earned						
					1.5	0.5	2.0
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:20	8/14/24 16:14	0:54	1.0	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:27		0.5	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	0.5	0.5
Kassebaum, Nathan	Credits Requested: PDHs Total Credits Earned						
					3.0	1.0	4.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:51	8/14/24 8:22	0:30	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	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	0:35	0.5	0.5	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	0.5	0.5		
	Indiana Law and Statutes	8/14/24 15:20	8/14/24 16:22	1:01		1.0	1.0		
	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	0.5	0.5		
Kasthuri, Lenin	Credits Requested: PDHs				Total Credits Earned	0.5	1.0	1.5	1.5
	Howard Roosa Sewer – The Final Outcome of this Non-Traditional, Flexible Approach to Salvaging an Almost 100-Year-Old Sewer	8/14/24 10:36	8/14/24 11:05	0:29	0.5	0.5	0.5		
	Ethics in Engineering	8/14/24 13:21	8/14/24 14:30	1:09		1.0	1.0		
Kasuboski, Jordan	Credits Requested:				Total Credits Earned	1.0	0.0	1.0	1.0
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	0.5		
Katter, Zachary	Credits Requested: PDHs				Total Credits Earned	4.5	6.0	10.5	10.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:40	8/13/24 11:41	1:00	1.0	1.0	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	0.5	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	0.5	0.5		
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:54	8/13/24 15:25	0:31	0.5	0.5	0.5		
	SRF Basics	8/13/24 15:55	8/13/24 16:29	0:34		0.5	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	0.5		
	Mastering the Art of Master Planning	8/14/24 8:01	8/14/24 9:00	0:59	1.0	1.0	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	0.5	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	1.0		
	Ethics in Engineering	8/14/24 13:25	8/14/24 14:30	1:04		1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:11	8/14/24 16:22	1:10		1.0	1.0		
	Leading Change	8/14/24 16:31	8/14/24 16:58	0:26		0.5	0.5		
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:50	8/15/24 8:30	0:40		0.5	0.5		
	Back to Basics: Review of UV Disinfection	8/15/24 8:30	8/15/24 9:05	0:35	0.5	0.5	0.5		
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:46	8/15/24 10:50	1:03		1.0	1.0		
Keating, Josh									
	Credits Requested:				Total Credits Earned	2.5	0.5	3.0	3.0
	Ultra-Low Phosphorus Limits	8/15/24 8:01	8/15/24 8:30	0:29	0.5		0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:04	1.0		1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31		0.5	0.5	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		1.0	1.0	
Kelleher, Jim									
	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5		0.5	0.5	
Kellner, Chris									
	Credits Requested:				Total Credits Earned	0.0	1.0	1.0	1.0
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:17	8/13/24 11:42	0:25		0.5	0.5	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 14:30	0:31		0.5	0.5	0.5	
Kelly, Pat									
	Credits Requested: PDHs				Total Credits Earned	4.0	0.0	4.0	4.0

Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:33	8/14/24 10:00	0:26	0.5	0.5	0.5
Challenges In The Field	8/14/24 10:01	8/14/24 10:55	0:54	1.0	1.0	1.0
50 Years Later and SND Still Works	8/14/24 13:29	8/14/24 14:01	0:31	0.5	0.5	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	0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:12	8/14/24 15:55	0:42	0.5	0.5	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	0.5	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	0.5	0.5

Kennedy, Chris

Credits Requested: Wastewater			Total Credits Earned	5.5	3.5	9.0	9.0
Welcome & Keynote Address	8/13/24 8:03	8/13/24 9:00	0:56		1.0	1.0	1.0
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:35	8/13/24 11:41	1:05	1.0		1.0	1.0
Mastering the Art of Master Planning	8/14/24 8:00	8/14/24 9:00	1:00	1.0		1.0	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		0.5	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	1.0	1.0
50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:01	0:34	0.5		0.5	0.5
IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5		0.5	0.5
Adaptive mixing and process optimization with energy savings	8/14/24 15:18	8/14/24 15:50	0:32	0.5		0.5	0.5
Back to Basics: Review of UV Disinfection	8/15/24 8:34	8/15/24 9:05	0:31	0.5		0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5		0.5	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	1.0	1.0

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	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	0.5	0.5
Kerezman, James	Credits Requested: Drinking Water, Wastewater			Total Credits Earned	9.0	1.0	10.0
	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5	0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:54	8/13/24 16:27	0:32	0.5	0.5	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	0.5	0.5
	Out In The Field Not In A Book	8/14/24 8:02	8/14/24 8:57	0:55	1.0	1.0	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:29	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:08	8/14/24 11:02	0:54	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:27	8/14/24 13:59	0:31	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:28	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:24	8/14/24 16:14	0:50	1.0	1.0	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	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:05	0:33	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:12	8/15/24 9:40	0:27	0.5	0.5	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	0.5	0.5		
	A case for better lab results	8/15/24 10:19	8/15/24 10:47	0:27	0.5	0.5	0.5		
Kern, Shaun	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	8.0	2.5	10.5	10.5
	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		0.5	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		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5		0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:05	8/13/24 15:25	0:20	0.5		0.5	0.5	
	IDEM Update	8/13/24 15:52	8/13/24 16:27	0:34		0.5	0.5	0.5	
	Mastering the Art of Master Planning	8/14/24 8:08	8/14/24 9:00	0:52	1.0		1.0	1.0	
	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	1.0	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	0.5	0.5	
	21ST Century FOG Management	8/14/24 13:20	8/14/24 13:59	0:39	0.5		0.5	0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:28	0.5		0.5	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		0.5	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		0.5	0.5	
	Tips for Labs that you may not know	8/15/24 7:55	8/15/24 8:30	0:35	0.5		0.5	0.5	
	Emergency Preparedness and Procedures	8/15/24 8:36	8/15/24 9:10	0:33		0.5	0.5	0.5	
	Optimizing Blower Filtration for Reliability, efficiency, and Value	8/15/24 9:10	8/15/24 10:15	1:05	1.0		1.0	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	0.5	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	1.0	1.0
Kirklin, Pam	Credits Requested: Wastewater						
				Total Credits Earned	3.5	2.0	5.5
	Welcome & Keynote Address	8/13/24 7:53	8/13/24 9:00	1:06		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:41	8/13/24 11:41	0:59	1.0	1.0	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	0.5	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	0.5	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	0.5	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	1.0	1.0
Kirwa, Sylvia	Credits Requested:						
				Total Credits Earned	3.0	1.0	4.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5
	SRF Basics	8/13/24 15:53	8/13/24 16:29	0:36		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:40	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:18	8/15/24 10:46	0:28	0.5	0.5	0.5

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31	0.5	0.5	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	0.5	0.5		
Klein, Hannah	Credits Requested: PDHs				Total Credits Earned	2.0	4.5	6.5	6.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:41	8/13/24 11:10	0:28	0.5	0.5	0.5		
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:48	0:40	0.5	0.5	0.5		
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:28	8/13/24 13:53	0:25	0.5	0.5	0.5		
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:59	8/13/24 14:30	0:30	0.5	0.5	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	0.5	0.5		
	SRF Basics	8/13/24 15:54	8/13/24 16:29	0:35	0.5	0.5	0.5		
	Ethics in Engineering	8/14/24 13:27	8/14/24 14:30	1:03	1.0	1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:16	8/14/24 16:22	1:05	1.0	1.0	1.0		
	Leading Change	8/14/24 16:29	8/14/24 16:58	0:29	0.5	0.5	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	0.5	0.5		
	Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:46	0:32	0.5	0.5	0.5		
Kleinsmith, Jordan	Credits Requested: Wastewater				Total Credits Earned	8.5	3.5	12.0	12.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	1.0		
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:01	1.0	1.0	1.0		
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:41	1:11	1.0	1.0	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	0.5	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	0.5	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	0.5	0.5
	Mastering the Art of Master Planning	8/14/24 7:54	8/14/24 9:00	1:06	1.0	1.0	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:33	8/14/24 14:01	0:28	0.5	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:56	8/15/24 8:30	0:33	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:38	1:04	1.0	1.0	1.0
	Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:37	0:30	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:09	8/15/24 10:46	0:36	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25	0.5	0.5	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	0.5	0.5
Klosinski, Jacob	Credits Requested: PDHs			Total Credits Earned	9.5	4.5	14.0
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:12	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:02	1.0	1.0	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	0.5	0.5

In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:11	8/13/24 11:48	0:36	0.5	0.5	0.5
PFAS Regulations Impact on the Future of Land Application	8/13/24 13:26	8/13/24 13:56	0:29	0.5	0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:27	0:26	0.5	0.5	0.5
Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:56	8/13/24 15:26	0:30	0.5	0.5	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	1.0	1.0
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:56	8/14/24 8:22	0:25	0.5	0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	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	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:33	0.5	0.5	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 10:34	8/14/24 11:05	0:31	0.5	0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5	0.5	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	0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	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	0.5	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	0.5	0.5

	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:31	8/15/24 9:05	0:34	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	0.5
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:48	8/15/24 10:50	1:02	1.0	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:55	8/15/24 11:25	0:29	0.5	0.5	0.5
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:27	8/15/24 11:55	0:28	0.5	0.5	0.5
Knappel, Keith	Credits Requested: PDHs						
					1.5	2.5	4.0
	Total Credits Earned						4.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:02	1.0	1.0	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	0.5	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	0:34	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:58	8/13/24 15:26	0:28	0.5	0.5	0.5
	SRF Basics	8/13/24 16:02	8/13/24 16:29	0:27	0.5	0.5	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	0.5	0.5
Kolawole, Samira	Credits Requested:						
					2.0	2.0	4.0
	Total Credits Earned						4.0

	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:27	8/14/24 10:00	0:33	0.5	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:31	0.5	0.5	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	0.5	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	1.0	1.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:10	8/14/24 15:55	0:44		0.5	0.5	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		0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:27	8/14/24 16:55	0:27		0.5	0.5	0.5
Konarski, Brett	Credits Requested: PDHs			Total Credits Earned	1.5	1.0	2.5	2.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:26	0:25	0.5		0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5		0.5	0.5
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:27	8/14/24 10:30	1:02		1.0	1.0	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 10:31	8/14/24 11:05	0:34	0.5		0.5	0.5
Kongar, Terry	Credits Requested: Wastewater			Total Credits Earned	5.5	1.0	6.5	6.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:17	8/13/24 13:56	0:38	0.5		0.5	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		0.5	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	0.5	0.5		
	IDEM Update	8/13/24 15:50	8/13/24 16:27	0:36		0.5	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	0.5	0.5		
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:29	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5		
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:10	8/14/24 15:55	0:44		0.5	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	0.5	0.5			
Korthals, Reggie	Credits Requested:				Total Credits Earned	0.5	0.5	1.0	1.0
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	0.5	0.5	
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:53	8/13/24 15:25	0:32	0.5	0.5	0.5		
Kosegi, Jeremy	Credits Requested: PDHs				Total Credits Earned	3.5	4.5	8.0	8.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:32	8/13/24 11:10	0:37	0.5	0.5	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	0:41	0.5	0.5	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	0.5	0.5		
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:00	0:33	0.5	0.5	0.5		
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:57	8/13/24 14:30	0:32	0.5	0.5	0.5		
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:59	8/13/24 15:25	0:26	0.5	0.5	0.5		
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:53	8/13/24 16:55	1:02	1.0	1.0	1.0		
	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	0.5	0.5		
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:00	8/14/24 8:27	0:26	0.5	0.5	0.5		
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	0.5		
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:33	8/14/24 10:30	0:56	1.0	1.0	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	0.5	0.5		
	Ethics in Engineering	8/14/24 13:31	8/14/24 14:30	0:59	1.0	1.0	1.0		
Kostielney, Andrew	Credits Requested:				Total Credits Earned	0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	1.0		
Kramer, Daniel	Credits Requested: PDHs				Total Credits Earned	1.5	1.0	2.5	2.5
	Challenges of Rehabilitating a	8/14/24 7:54	8/14/24 8:22	0:28	0.5	0.5	0.5		

	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	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	1.0
Krobert, Cory	Credits Requested:		Total Credits Earned		2.0	0.0	2.0
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:23	8/13/24 13:58	0:34	0.5	0.5	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	1.0	1.0
	Ultra-Low Phosphorus Limits	8/15/24 7:55	8/15/24 8:30	0:35	0.5	0.5	0.5
Krotke, Jeffery	Credits Requested: Wastewater		Total Credits Earned		1.5	4.0	5.5
	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	0:59		1.0	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	1.0	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	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	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 16:00	8/14/24 16:25	0:25		0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:27		0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 8:04	8/15/24 8:30	0:26		0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:30	8/15/24 9:10	0:39		0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:52	8/15/24 11:25	0:33		0.5	0.5
	Kubicki, Andy	Credits Requested:		Total Credits Earned		1.0	0.5
Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities		8/13/24 13:30	8/13/24 13:58	0:27	0.5	0.5	0.5

	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5	0.5	0.5
	SRF Basics	8/13/24 15:56	8/13/24 16:29	0:33		0.5	0.5
Kuhn, Abbi	Credits Requested:				6.5	5.0	11.5
	Total Credits Earned						11.5
	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	0:59		1.0	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		0.5
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:09	8/13/24 11:42	0:33		0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:20	8/13/24 13:56	0:35	0.5		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 14:30	0:31		0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:56	8/13/24 15:26	0:29	0.5		0.5
	SRF Basics	8/13/24 15:53	8/13/24 16:29	0:36		0.5	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	0.5
	Mastering the Art of Master Planning	8/14/24 8:02	8/14/24 9:00	0:57	1.0		1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:22	8/14/24 9:59	0:36	0.5		0.5
	Challenges In The Field	8/14/24 10:01	8/14/24 10:57	0:55	1.0		1.0
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:25	8/14/24 14:00	0:35	0.5		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		0.5
	Indiana Law and Statutes	8/14/24 15:19	8/14/24 16:22	1:02		1.0	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		0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:04	1.0		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	1.0	1.0
LaBounty, JJ	Credits Requested:				4.0	4.0	8.0
	Welcome & Keynote Address	8/13/24 8:07	8/13/24 9:00	0:52	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:02	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:12	8/13/24 11:48	0:35	0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:59	8/13/24 14:30	0:31	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:00	8/13/24 15:26	0:25	0.5	0.5	0.5
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:31	0.5	0.5	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:57	8/14/24 8:25	0:27	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5	0.5	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	0.5	0.5

	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5
Ladd, Gary	Credits Requested: PDHs						
				Total Credits Earned	5.0	2.5	7.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:37	8/13/24 11:41	1:04	1.0	1.0	1.0
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:24	8/13/24 13:58	0:33	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	0.5
	IDEM Update	8/13/24 15:57	8/13/24 16:27	0:29	0.5	0.5	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	0.5	0.5
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:25	8/14/24 10:30	1:04	1.0	1.0	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	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	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	0.5	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	0.5	0.5
Lamichhane, Gaurav	Credits Requested: PDHs						
				Total Credits Earned	7.0	6.0	13.0
	Welcome & Keynote Address	8/13/24 7:52	8/13/24 9:00	1:07	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:02	1.0	1.0	1.0

Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:39	8/13/24 11:10	0:30	0.5	0.5	0.5
Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:09	8/13/24 11:42	0:33	0.5	0.5	0.5
PFAS Regulations Impact on the Future of Land Application	8/13/24 13:24	8/13/24 13:56	0:32	0.5	0.5	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 14:30	0:32	0.5	0.5	0.5
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5	0.5	0.5
SRF Basics	8/13/24 15:53	8/13/24 16:29	0:35	0.5	0.5	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	0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	0.5
Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:25	8/14/24 10:00	0:34	0.5	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:00	8/14/24 10:35	0:34	0.5	0.5	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	0:37	0.5	0.5	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	0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:12	8/14/24 15:55	0:42	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:05	0:37	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	0.5
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:24	8/15/24 11:55	0:31	0.5	0.5	0.5
Langer, Lance							
	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:54	8/13/24 15:26	0:32	0.5	0.5	0.5
	SRF Basics	8/13/24 15:55	8/13/24 16:29	0:34	0.5	0.5	0.5
Larmon, Kenneth							
	Credits Requested: PDHs		Total Credits Earned	9.0	4.5	13.5	13.5
	Welcome & Keynote Address	8/13/24 7:52	8/13/24 9:00	1:07	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:12	1:02	1.0	1.0	1.0
	Operator Certification Update	8/13/24 10:30	8/13/24 11:06	0:36	0.5	0.5	0.5
	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	0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:24	8/13/24 13:56	0:31	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:06	8/13/24 14:32	0:25	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5	0.5	0.5
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:53	8/13/24 16:55	1:02	1.0	1.0	1.0

	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:58	8/14/24 8:25	0:27	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:28	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5	
	Challenges In The Field	8/14/24 10:01	8/14/24 10:57	0:55	1.0	1.0	1.0	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:27	8/14/24 14:00	0:33	0.5	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	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	0.5	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	0.5	0.5	
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:54	8/15/24 8:30	0:36		0.5	0.5	
	Emergency Preparedness and Procedures	8/15/24 8:30	8/15/24 9:10	0:39		0.5	0.5	
	Flexing Your Procurement Muscle	8/15/24 9:08	8/15/24 9:37	0:28	0.5	0.5	0.5	
	Basics of pH	8/15/24 9:45	8/15/24 10:15	0:29	0.5	0.5	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	1.0	1.0	
Leal, Felipe	Credits Requested:							
				Total Credits Earned	1.0	2.5	3.5	3.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:48	0:38	0.5	0.5	0.5	

	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:00	0:31	0.5	0.5	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 14:30	0:32	0.5	0.5	0.5		
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:58	8/13/24 15:26	0:28	0.5	0.5	0.5		
	SRF Basics	8/13/24 15:29	8/13/24 16:29	1:00	0.5	0.5	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	0.5	0.5		
Lehrman, Chris	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	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		0.5	0.5	
Lesinski, Cole	Credits Requested: PDHs				Total Credits Earned	4.5	0.0	4.5	4.5
	Out In The Field Not In A Book	8/14/24 8:01	8/14/24 8:57	0:55	1.0		1.0	1.0	
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:34	8/14/24 10:00	0:25	0.5		0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:29	0.5		0.5	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		0.5	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		0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5		0.5	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		0.5	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		0.5	0.5	
Lestinsky, Jessie	Credits Requested:				Total Credits Earned	1.0	0.5	1.5	1.5

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:29	8/14/24 14:00	0:31	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:19	8/14/24 15:55	0:36	0.5	0.5	0.5
Lewin, Jason	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28	0.5	0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:27	0.5	0.5	0.5
Lewis, George	Credits Requested: PDHs		Total Credits Earned	2.5	1.5	4.0	4.0
	Mastering the Art of Master Planning	8/14/24 7:57	8/14/24 9:00	1:02	1.0	1.0	1.0
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:31	8/14/24 10:30	0:58	1.0	1.0	1.0
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:32	0.5	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:28	8/14/24 14:01	0:32	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	0.5
Liming, Josh	Credits Requested:		Total Credits Earned	1.5	2.0	3.5	3.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:00	0:34	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29	0.5	0.5	0.5
	SRF Basics	8/13/24 15:48	8/13/24 16:29	0:41	0.5	0.5	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	0.5	0.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:38	8/14/24 10:05	0:26	0.5	0.5	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	0.5	0.5
Lohmoeller, Jeff	Credits Requested: Wastewater		Total Credits Earned	9.0	2.0	11.0	11.0
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10	1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:35	8/13/24 11:41	1:05	1.0	1.0	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	0.5	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	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:55	8/13/24 15:25	0:29	0.5	0.5	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	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0	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	0.5	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	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:15	8/14/24 16:14	0:59	1.0	1.0	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	0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:53	8/15/24 8:30	0:36	0.5	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:05	0:33	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:32	0.5	0.5	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:46	0:35	0.5	0.5	0.5	
Lopp, Addison								
	Credits Requested:	Total Credits Earned			1.0	1.5	2.5	2.5
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04		1.0	1.0	1.0
	IDEM Update	8/13/24 15:52	8/13/24 16:27	0:34		0.5	0.5	0.5
	Out In The Field Not In A Book	8/14/24 7:55	8/14/24 8:57	1:01	1.0		1.0	1.0
Lord, Scott								
	Credits Requested: PDHs	Total Credits Earned			2.5	0.0	2.5	2.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5		0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:08	8/13/24 11:48	0:39	0.5		0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:24	8/13/24 13:56	0:31	0.5		0.5	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		0.5	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		0.5	0.5
Lyons, Nicholas								
	Credits Requested: PDHs	Total Credits Earned			4.5	5.0	9.5	9.5
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:13	1:02		1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:35	8/13/24 11:41	1:06	1.0		1.0	1.0

	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:22	8/13/24 13:56	0:33	0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 14:03	8/13/24 14:30	0:27		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:53	8/13/24 15:25	0:32	0.5	0.5	0.5
	IDEM Update	8/13/24 15:56	8/13/24 16:27	0:30		0.5	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	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	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	0:36	0.5	0.5	0.5
	Ethics in Engineering	8/14/24 13:37	8/14/24 14:30	0:53		1.0	1.0
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:55	8/14/24 16:25	0:29		0.5	0.5
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:30	8/14/24 16:55	0:25	0.5	0.5	0.5
Machlan, Michael	Credits Requested:			Total Credits Earned	4.0	5.5	9.5
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:13	1:02		1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:08	8/13/24 11:48	0:39	0.5	0.5	0.5

	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:04	8/13/24 14:32	0:28		0.5	0.5	0.5	
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:01	8/13/24 15:26	0:25	0.5		0.5	0.5	
	IDEM Update	8/13/24 15:50	8/13/24 16:27	0:36		0.5	0.5	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	0.5	0.5	
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:00	8/14/24 8:25	0:25	0.5		0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5		0.5	0.5	
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:25	8/14/24 10:00	0:34	0.5		0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:34	0.5		0.5	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		0.5	0.5	
	Ethics in Engineering	8/14/24 13:26	8/14/24 14:30	1:04		1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:08	8/14/24 16:22	1:13		1.0	1.0	1.0	
Mann, Emma									
	Credits Requested: PDHs					Total Credits Earned	1.0	0.0	1.0
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:34	8/14/24 14:00	0:26	0.5		0.5	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		0.5	0.5	
Martin, Jeff									
	Credits Requested:					Total Credits Earned	1.5	0.0	1.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:51	8/14/24 8:22	0:30	0.5		0.5	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	0.5	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:29	8/14/24 14:00	0:31	0.5	0.5	0.5	
Maupin, Travis	Credits Requested:	Total Credits Earned			1.5	0.0	1.5	1.5
	21ST Century FOG Management	8/14/24 13:32	8/14/24 13:59	0:27	0.5	0.5	0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:07	8/14/24 14:35	0:27	0.5	0.5	0.5	
	Adaptive mixing and process optimization with energy savings	8/14/24 15:20	8/14/24 15:50	0:30	0.5	0.5	0.5	
McCauley, Mac	Credits Requested: PDHs	Total Credits Earned			5.0	4.0	9.0	9.0
	Welcome & Keynote Address	8/13/24 8:07	8/13/24 9:00	0:52		1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:13	1:02		1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:30	8/13/24 11:41	1:10	1.0		1.0	
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:16	8/13/24 13:58	0:42	0.5		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		0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:57	8/13/24 15:26	0:29		0.5	0.5	
	IDEM Update	8/13/24 15:58	8/13/24 16:27	0:28		0.5	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	0.5	
	Mastering the Art of Master Planning	8/14/24 7:53	8/14/24 9:00	1:07	1.0		1.0	
	50 Years Later and SND Still Works	8/14/24 13:31	8/14/24 14:01	0:30	0.5		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		0.5	

	Adaptive mixing and process optimization with energy savings	8/14/24 15:20	8/14/24 15:50	0:30	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:27		0.5	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	0.5	0.5
McCleary, Lauren							
	Credits Requested:				4.0	0.5	4.5
	Total Credits Earned						4.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:15	8/13/24 13:56	0:40	0.5	0.5	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	0:28	0.5	0.5	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	0.5	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	0:33	0.5	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:26		0.5	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	0.5	0.5
McCormack, Jordan							
	Credits Requested: PDHs				5.5	2.5	8.0
	Total Credits Earned						8.0
	Welcome & Keynote Address	8/13/24 8:01	8/13/24 9:00	0:58		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:13	1:02		1.0	1.0

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:48	0:41	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28		0.5	0.5
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:59	8/13/24 16:55	0:56	1.0	1.0	1.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:56	8/14/24 8:22	0:26	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	0.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 9:59	0:31	0.5	0.5	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	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:38	0.5	0.5	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	0.5	0.5
McIntosh, Joe							
	Credits Requested: Wastewater				Total Credits Earned	1.0	0.0
						1.0	1.0
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:18	8/14/24 15:55	0:36	0.5	0.5	0.5
McIntosh, Matt							
	Credits Requested:				Total Credits Earned	2.5	0.0
						2.5	2.5
	Out In The Field Not In A Book	8/14/24 8:02	8/14/24 8:57	0:55	1.0	1.0	1.0

	Water Treatment Regulatory Terms & Definitions	8/14/24 9:22	8/14/24 9:59	0:37	0.5	0.5	0.5		
	Challenges In The Field	8/14/24 10:01	8/14/24 10:57	0:55	1.0	1.0	1.0		
McLaughlin, Cameron	Credits Requested: Wastewater				Total Credits Earned	7.5	0.5	8.0	8.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:41	1:11	1.0	1.0	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	0.5	0.5		
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5	0.5	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	0.5	0.5		
	IDEM Update	8/13/24 15:53	8/13/24 16:27	0:33		0.5	0.5	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	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5		
	21ST Century FOG Management	8/14/24 13:24	8/14/24 13:59	0:34	0.5	0.5	0.5		
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5		
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:16	8/14/24 16:14	0:58	1.0	1.0	1.0		
	Back to Basics: Review of UV Disinfection	8/15/24 8:29	8/15/24 9:05	0:36	0.5	0.5	0.5		
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:30	0.5	0.5	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	0.5	0.5		
McManis Jr., Jimmie	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:25	8/14/24 15:55	0:30	0.5	0.5	0.5		

McWilliams, Ethan							
Credits Requested:	Total Credits Earned			1.0	0.5	1.5	1.5
Water Treatment Regulatory Terms & Definitions	8/14/24 9:31	8/14/24 9:59	0:28	0.5		0.5	0.5
IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:07	8/14/24 14:35	0:28	0.5		0.5	0.5
A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:37		0.5	0.5	0.5
Medsker, Shawn							
Credits Requested: PDHs	Total Credits Earned			7.5	2.0	9.5	9.5
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:13	1:03		1.0	1.0	1.0
Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:27	8/13/24 11:41	1:13	1.0		1.0	1.0
Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:30	8/13/24 13:58	0:27	0.5		0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:27	0:25	0.5		0.5	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		0.5	0.5
Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 9:59	0:31	0.5		0.5	0.5
Using your data and SCADA for maintenance and savings	8/14/24 10:05	8/14/24 10:59	0:54		1.0	1.0	1.0
21ST Century FOG Management	8/14/24 13:30	8/14/24 13:59	0:29	0.5		0.5	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		0.5	0.5
Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5		0.5	0.5
Ultra-Low Phosphorus Limits	8/15/24 7:48	8/15/24 8:30	0:41	0.5		0.5	0.5
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:36	8/15/24 9:38	1:02	1.0		1.0	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		0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:46	0:34	0.5		0.5	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	0:33	0.5	0.5	0.5		
Meiners, Camille	Credits Requested: PDHs				Total Credits Earned	1.0	1.5	2.5	2.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:31	8/13/24 14:00	0:28	0.5		0.5	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		0.5	0.5	
	SRF Basics	8/13/24 15:56	8/13/24 16:29	0:33		0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:26	8/14/24 14:30	1:04		1.0	1.0	1.0	
Mendenhall, Cory	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	8.0	1.5	9.5	9.5
	Operator Certification Update	8/13/24 10:30	8/13/24 11:06	0:36		0.5	0.5	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	0.5	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		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:28	0:25	0.5		0.5	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		0.5	0.5	
	IDEM Update	8/13/24 15:50	8/13/24 16:27	0:36		0.5	0.5	0.5	
	Out In The Field Not In A Book	8/14/24 7:51	8/14/24 8:57	1:06	1.0		1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:22	8/14/24 9:59	0:37	0.5		0.5	0.5	
	Challenges In The Field	8/14/24 10:03	8/14/24 10:57	0:53	1.0		1.0	1.0	
	21ST Century FOG Management	8/14/24 13:16	8/14/24 13:59	0:43	0.5		0.5	0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5		0.5	0.5	
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:14	1:00	1.0		1.0	1.0	
	Tips for Labs that you may not know	8/15/24 7:53	8/15/24 8:30	0:37	0.5		0.5	0.5	

	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:38	1:06	1.0	1.0	1.0		
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5		
Meredith, Charlie "Chaz"									
	Credits Requested:				Total Credits Earned	1.0	0.0	1.0	1.0
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	0.5		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:25	8/14/24 15:55	0:30	0.5	0.5	0.5		
Merkle, Katherine									
	Credits Requested: PDHs				Total Credits Earned	7.0	2.5	9.5	9.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:00	0:33		0.5	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:28	0:25	0.5		0.5	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		0.5	0.5	
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:58	8/13/24 16:55	0:56	1.0		1.0	1.0	
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:31	0.5		0.5	0.5	
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:33	8/14/24 10:30	0:56		1.0	1.0	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	0.5	0.5	
	50 Years Later and SND Still Works	8/14/24 13:30	8/14/24 14:01	0:31	0.5		0.5	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	0:25	0.5		0.5	0.5	
	Adaptive mixing and process optimization with energy savings	8/14/24 15:20	8/14/24 15:50	0:30	0.5		0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:58	8/15/24 8:30	0:31	0.5		0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:38	1:05	1.0		1.0	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:46	0:35	0.5	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:26	0.5	0.5	0.5	
	UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant	8/15/24 11:29	8/15/24 11:57	0:28	0.5	0.5	0.5	
Merkle, Wes								
	Credits Requested: PDHs	Total Credits Earned			6.0	2.0	8.0	8.0
	Mastering the Art of Master Planning	8/14/24 7:57	8/14/24 9:00	1:03	1.0	1.0	1.0	
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:29	8/14/24 10:30	1:00	1.0	1.0	1.0	
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:32	0.5	0.5	0.5	
	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:01	0:37	0.5	0.5	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	0.5	0.5	
	Adaptive mixing and process optimization with energy savings	8/14/24 15:20	8/14/24 15:50	0:30	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:38	1:04	1.0	1.0	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:46	0:34	0.5	0.5	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	1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25	0.5	0.5	0.5	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:28	8/15/24 11:55	0:27	0.5	0.5	0.5	

Merrell, Jean	Credits Requested:	Total Credits Earned			2.5	1.0	3.5	3.5
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04		1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:32	8/13/24 11:41	1:09	1.0		1.0	1.0
	Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants	8/13/24 14:03	8/13/24 14:28	0:25	0.5		0.5	0.5
	Out In The Field Not In A Book	8/14/24 8:01	8/14/24 8:57	0:56	1.0		1.0	1.0
Merrell, Ted	Credits Requested:	Total Credits Earned			0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04		1.0	1.0	1.0
Merrell, Terry	Credits Requested:	Total Credits Earned			1.5	0.0	1.5	1.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:30	8/13/24 11:41	1:10	1.0		1.0	1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:31	8/13/24 13:56	0:25	0.5		0.5	0.5
Meyer, Veronika	Credits Requested: PDHs	Total Credits Earned			5.0	2.0	7.0	7.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:39	8/13/24 11:10	0:30	0.5		0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:08	8/13/24 11:48	0:39	0.5		0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:28	8/13/24 14:01	0:32		0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:00	8/13/24 15:26	0:25	0.5		0.5	0.5
	IDEM Update	8/13/24 15:56	8/13/24 16:27	0:30		0.5	0.5	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	0.5	0.5

	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:01	8/14/24 8:27	0:25	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:23	8/14/24 14:00	0:36	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:23	8/14/24 15:55	0:31	0.5	0.5	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	0.5	0.5
Miles, Mike	Credits Requested:		Total Credits Earned	3.0	1.0	4.0	4.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:43	8/13/24 11:10	0:26	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:34		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	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	0.5	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	1.0	1.0
	Back to Basics: Review of UV Disinfection	8/15/24 8:34	8/15/24 9:05	0:31	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:11	8/15/24 9:40	0:28	0.5	0.5	0.5
Miller, Craig	Credits Requested: PDHs		Total Credits Earned	1.5	1.0	2.5	2.5

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:28	8/14/24 14:00	0:32	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:22	8/14/24 15:55	0:32		0.5	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	0:34		0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:05	0:37	0.5	0.5	0.5
Miller, Holly	Credits Requested: PDHs		Total Credits Earned	5.5	0.5	6.0	6.0
	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:24	0.5	0.5	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	0.5	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	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:26	0:25	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	0.5
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:32	8/14/24 10:00	0:28	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:32		0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:28	8/14/24 14:01	0:33	0.5	0.5	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	0.5	0.5		
Miller, Rick	Credits Requested:				Total Credits Earned	0.0	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28		0.5	0.5	0.5	
Minelli, Lois	Credits Requested:				Total Credits Earned	7.0	6.0	13.0	13.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54		1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:13	1:03		1.0	1.0	1.0	
	Operator Certification Update	8/13/24 10:31	8/13/24 11:06	0:35		0.5	0.5	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	0.5	0.5	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:24	8/13/24 13:56	0:31	0.5		0.5	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 14:30	0:32		0.5	0.5	0.5	
	IDEM Update	8/13/24 15:53	8/13/24 16:27	0:33		0.5	0.5	0.5	
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:31	8/13/24 16:58	0:26		0.5	0.5	0.5	
	Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:57	0:56	1.0		1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 9:59	0:31	0.5		0.5	0.5	
	Challenges In The Field	8/14/24 10:04	8/14/24 10:57	0:52	1.0		1.0	1.0	
	21ST Century FOG Management	8/14/24 13:31	8/14/24 13:59	0:27	0.5		0.5	0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:30	0.5		0.5	0.5	
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:23	8/14/24 16:14	0:51	1.0		1.0	1.0	
	Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:57	0:36	0.5		0.5	0.5	

	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:56	8/15/24 8:30	0:34	0.5	0.5	0.5	
	Emergency Preparedness and Procedures	8/15/24 8:31	8/15/24 9:10	0:38	0.5	0.5	0.5	
	Basics of pH	8/15/24 9:47	8/15/24 10:15	0:28	0.5	0.5	0.5	
	A case for better lab results	8/15/24 10:15	8/15/24 10:47	0:31	0.5	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:52	8/15/24 11:25	0:32	0.5	0.5	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	0.5	0.5	
Mix, Andy	Credits Requested:	Total Credits Earned			2.5	1.0	3.5	3.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:41	1:11	1.0	1.0	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:24	0.5	0.5	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	0.5	0.5	
	IDEM Update	8/13/24 15:53	8/13/24 16:27	0:33	0.5	0.5	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	0.5	0.5	
	Modlin, Chelsea	Credits Requested: PDHs	Total Credits Earned			1.0	1.5	2.5
Conversion of an underutilized combined sewer to a storm sewer		8/13/24 10:38	8/13/24 11:10	0:31	0.5	0.5	0.5	
In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana		8/13/24 11:12	8/13/24 11:48	0:35	0.5	0.5	0.5	
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis		8/13/24 13:26	8/13/24 14:01	0:34	0.5	0.5	0.5	
Regional Stormwater Detention Basins – Treating urban runoff outside your project		8/13/24 14:02	8/13/24 14:32	0:29	0.5	0.5	0.5	

	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:32		0.5	0.5	0.5	
Mohler, David	Credits Requested:				Total Credits Earned	2.0	5.5	7.5	7.5
	Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:14		1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03		1.0	1.0	1.0	
	Operator Certification Update	8/13/24 10:35	8/13/24 11:06	0:31		0.5	0.5	0.5	
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:58	8/13/24 16:55	0:57	1.0		1.0	1.0	
	Ethics in Engineering	8/14/24 13:30	8/14/24 14:30	1:00		1.0	1.0	1.0	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:37	0.5		0.5	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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:36	8/15/24 9:06	0:29	0.5		0.5	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	1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30		0.5	0.5	0.5	
	Moore, Amy	Credits Requested: PDHs				Total Credits Earned	1.5	1.0	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		0.5	0.5	
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis		8/13/24 13:26	8/13/24 14:01	0:34		0.5	0.5	0.5	
Regional Stormwater Detention Basins – Treating urban runoff outside your project		8/13/24 14:02	8/13/24 14:32	0:29		0.5	0.5	0.5	
Foster Park Relief Sewer – Indian Village CSO 005 Connection		8/14/24 13:26	8/14/24 14:00	0:33	0.5		0.5	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	0.5	0.5		
Moore, Wayne	Credits Requested: PDHs				Total Credits Earned	1.0	0.5	1.5	1.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31		0.5	0.5	0.5	
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:31	8/15/24 11:56	0:25	0.5		0.5	0.5	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:33	8/15/24 11:58	0:25	0.5		0.5	0.5	
Morton, Philip	Credits Requested: PDHs				Total Credits Earned	4.5	7.5	12.0	12.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5		0.5	0.5	
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:09	8/13/24 11:42	0:33		0.5	0.5	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		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:28	0:25	0.5		0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:59	8/13/24 15:25	0:26	0.5		0.5	0.5	
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:30		0.5	0.5	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	0.5	0.5	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:58	8/14/24 8:26	0:27	0.5		0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5		0.5	0.5	
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:32	8/14/24 10:30	0:58		1.0	1.0	1.0	
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:32		0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:30	8/14/24 14:30	1:00		1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:12	8/14/24 16:22	1:09		1.0	1.0	1.0	
	Leading Change	8/14/24 16:30	8/14/24 16:58	0:27		0.5	0.5	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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:06	0:37	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:29	0.5	0.5	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	1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:56	8/15/24 11:25	0:28	0.5	0.5	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	0.5	0.5	
Mullett, Robert								
	Credits Requested:	Total Credits Earned			1.5	2.0	3.5	3.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:29	8/13/24 11:41	1:12	1.0	1.0	1.0	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:29	8/13/24 14:01	0:31	0.5	0.5	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	0.5	0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:56	8/13/24 15:26	0:30	0.5	0.5	0.5	
	SRF Basics	8/13/24 15:49	8/13/24 16:29	0:39	0.5	0.5	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	0.5	0.5	
Murray, Chris								
	Credits Requested: Drinking Water, Wastewater	Total Credits Earned			7.5	3.5	11.0	11.0
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10	1.0	1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:42	8/13/24 11:41	0:59	1.0	1.0	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	0.5	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	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:53	8/13/24 15:25	0:32	0.5	0.5	0.5	
	SRF Basics	8/13/24 16:00	8/13/24 16:29	0:29	0.5	0.5	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	0.5	0.5	
	Mastering the Art of Master Planning	8/14/24 7:51	8/14/24 9:00	1:09	1.0	1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 9:59	0:31	0.5	0.5	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	1.0	1.0	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:18	8/14/24 15:55	0:37	0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:56	8/14/24 16:25	0:28	0.5	0.5	0.5	
	Tips for Labs that you may not know	8/15/24 7:59	8/15/24 8:30	0:30	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:37	8/15/24 9:39	1:01	1.0	1.0	1.0	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:46	0:33	0.5	0.5	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	1.0	1.0	
Murray, David	Credits Requested:							
				Total Credits Earned	4.0	0.0	4.0	4.0
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	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	0:25	0.5	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:38	0.5	0.5	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	0.5	0.5	
	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:31	8/14/24 16:58	0:26	0.5	0.5	0.5	
Murry, Wayne								
	Credits Requested:	Total Credits Earned			4.0	1.5	5.0	5.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:39	8/13/24 11:41	1:02	1.0	1.0	1.0	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:34	8/13/24 14:00	0:26	0.5	0.0	0.0	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:25	0.5	0.5	0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:30	8/14/24 9:00	0:30	0.5	0.5	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	0.5	0.5	
	Using your data and SCADA for maintenance and savings	8/14/24 10:02	8/14/24 10:59	0:57		1.0	1.0	
	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	0:34		0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:30	8/15/24 9:06	0:35	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	0.5	
Musgrave, Chris								
	Credits Requested:	Total Credits Earned			2.5	0.5	3.0	3.0
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:24	8/13/24 13:58	0:34	0.5	0.5	0.5	

	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:25	0.5	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 8:02	8/15/24 8:30	0:28	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:34	8/15/24 9:01	0:26		0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:08	8/15/24 9:37	0:29	0.5	0.5	0.5
Musser, James	Credits Requested: Wastewater			Total Credits Earned	6.0	3.0	9.0
Welcome & Keynote Address	8/13/24 7:47	8/13/24 9:00	1:12		1.0	1.0	1.0
Operator Certification Update	8/13/24 10:37	8/13/24 11:06	0:29		0.5	0.5	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	0.5	0.5
Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:26	8/13/24 13:57	0:31		0.5	0.5	0.5
Out In The Field Not In A Book	8/14/24 8:01	8/14/24 8:57	0:55	1.0		1.0	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		0.5	0.5
Challenges In The Field	8/14/24 10:05	8/14/24 10:57	0:51	1.0		1.0	1.0
21ST Century FOG Management	8/14/24 13:33	8/14/24 13:59	0:26	0.5		0.5	0.5
IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:08	8/14/24 14:35	0:26	0.5		0.5	0.5
Tips for Labs that you may not know	8/15/24 7:54	8/15/24 8:30	0:35	0.5		0.5	0.5
IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:01	0:28		0.5	0.5	0.5
Flexing Your Procurement Muscle	8/15/24 9:09	8/15/24 9:37	0:28	0.5		0.5	0.5
A case for better lab results	8/15/24 10:20	8/15/24 10:47	0:26	0.5		0.5	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		1.0	1.0
Myers, Khylei	Credits Requested: PDHs			Total Credits Earned	1.5	0.0	1.5

	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:29	8/14/24 10:00	0:30	0.5	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:35	8/14/24 14:00	0:25	0.5	0.5	0.5
	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:32	8/14/24 16:58	0:25	0.5	0.5	0.5
Napier, Mike	Credits Requested:		Total Credits Earned		0.5	1.0	1.5
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:01		1.0	1.0
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:24	0.5	0.5	0.5
Neilson, Brian	Credits Requested:		Total Credits Earned		1.0	1.0	2.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:32	8/13/24 11:10	0:37	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:10	8/13/24 11:48	0:38	0.5	0.5	0.5
	IDEM Update	8/13/24 15:56	8/13/24 16:27	0:31		0.5	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	0.5
Nelson, Emily	Credits Requested: PDHs		Total Credits Earned		1.5	1.5	3.0
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:01		1.0	1.0
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:06	8/13/24 14:32	0:25		0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:01	8/13/24 15:26	0:25	0.5	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:34	8/14/24 14:00	0:26	0.5	0.5	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	0.5	0.5

Neukam, Zach							
Credits Requested: PDHs		Total Credits Earned		2.5	0.5	3.0	3.0
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:32		0.5	0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:28	8/14/24 14:00	0:32	0.5		0.5	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		0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:19	8/14/24 15:55	0:36	0.5		0.5	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		0.5	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		0.5	0.5
Nevill, Tyler							
Credits Requested: Drinking Water, Wastewater		Total Credits Earned		1.5	2.5	4.0	4.0
Operator Certification Update	8/13/24 10:37	8/13/24 11:06	0:29		0.5	0.5	0.5
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	0.5	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	0.5	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		0.5	0.5
IDEM Update	8/13/24 15:50	8/13/24 16:27	0:36		0.5	0.5	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	0.5	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		0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5		0.5	0.5
Newkirk, Eric							
Credits Requested: PDHs		Total Credits Earned		6.5	3.5	10.0	10.0

Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:30	8/13/24 11:10	0:39	0.5	0.5	0.5
In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:11	8/13/24 11:48	0:37	0.5	0.5	0.5
PFAS Regulations Impact on the Future of Land Application	8/13/24 13:25	8/13/24 13:56	0:31	0.5	0.5	0.5
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:32	0:28		0.5	0.5
Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:56	8/13/24 15:26	0:29	0.5	0.5	0.5
IDEM Update	8/13/24 15:50	8/13/24 16:27	0:36		0.5	0.5
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:00	8/14/24 8:25	0:25	0.5	0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	0.5
Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:25	8/14/24 10:30	1:04		1.0	1.0
Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:26	8/14/24 10:00	0:33	0.5	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:08	8/14/24 10:35	0:26	0.5	0.5	0.5
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:38	8/14/24 11:03	0:25		0.5	0.5
21ST Century FOG Management	8/14/24 13:17	8/14/24 13:59	0:42	0.5	0.5	0.5
IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5	0.5	0.5
Indiana Law and Statutes	8/14/24 15:08	8/14/24 16:22	1:13		1.0	1.0
Back to Basics: Review of UV Disinfection	8/15/24 8:29	8/15/24 9:06	0:36	0.5	0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:29	0.5	0.5	0.5
Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5

Newman, Anna

	Credits Requested: Wastewater	Total Credits Earned			5.5	2.5	8.0	8.0		
	Hydraulic Modeling - What is it good for?	8/14/24 8:35	8/14/24 9:00	0:25	0.5		0.5	0.5		
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 9:59	0:30	0.5		0.5	0.5		
	Challenges In The Field	8/14/24 10:04	8/14/24 11:02	0:57	1.0		1.0	1.0		
	Ethics in Engineering	8/14/24 13:13	8/14/24 14:30	1:17		1.0	1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:07	8/14/24 16:22	1:14		1.0	1.0	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		0.5	0.5		
	Tips for Labs that you may not know	8/15/24 7:59	8/15/24 8:30	0:31	0.5		0.5	0.5		
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:34	8/15/24 9:01	0:27		0.5	0.5	0.5		
	Flexing Your Procurement Muscle	8/15/24 9:11	8/15/24 9:37	0:26	0.5		0.5	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		0.5	0.5		
	A case for better lab results	8/15/24 10:16	8/15/24 10:47	0:30	0.5		0.5	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		1.0	1.0		
Nibarger, Brent	Credits Requested:			Total Credits Earned			1.0	0.0	1.0	1.0
The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 16:00	8/13/24 16:55	0:55	1.0		1.0	1.0			
Nielsen, Benny	Credits Requested:			Total Credits Earned			2.5	1.0	3.5	3.5
Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:26	0:25	0.5		0.5	0.5			
Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5		0.5	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		0.5	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	1.0	1.0			
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5		0.5	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	0.5	0.5		
Noe, Eric									
	Credits Requested:				Total Credits Earned	0.0	1.0	1.0	1.0
	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:25	8/14/24 14:30	1:04		1.0	1.0	1.0	
Norris, Brad									
	Credits Requested:				Total Credits Earned	1.0	2.0	3.0	3.0
	Welcome & Keynote Address	8/13/24 7:59	8/13/24 9:00	1:01		1.0	1.0	1.0	
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:26	8/14/24 10:00	0:33	0.5		0.5	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	1.0	1.0	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:18	8/14/24 15:55	0:37	0.5		0.5	0.5	
Norton, Jill									
	Credits Requested: Wastewater				Total Credits Earned	5.0	2.5	7.5	7.5
	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		0.5	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		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:25	0.5		0.5	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		0.5	0.5	
	IDEM Update	8/13/24 15:55	8/13/24 16:27	0:31		0.5	0.5	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	0.5	0.5	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:27	8/14/24 9:59	0:32	0.5		0.5	0.5	
	Challenges In The Field	8/14/24 10:07	8/14/24 11:02	0:55	1.0		1.0	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	1.0	1.0	
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:21	8/14/24 15:55	0:33	0.5	0.5	0.5	
	A case for better lab results	8/15/24 10:21	8/15/24 10:47	0:25	0.5	0.5	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	1.0	1.0	
Novak, Annabelle								
	Credits Requested:	Total Credits Earned			3.0	2.0	5.0	5.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:39	8/13/24 11:10	0:30	0.5	0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:48	0:41	0.5	0.5	0.5	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:28	8/13/24 14:01	0:33	0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29	0.5	0.5	0.5	
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:00	8/13/24 15:26	0:25	0.5	0.5	0.5	
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:32	0.5	0.5	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	0.5	0.5	
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:59	8/14/24 8:25	0:26	0.5	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	0.5	
Nye, Mark								
	Credits Requested: Wastewater, PDHs	Total Credits Earned			6.0	4.0	10.0	10.0
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11	1.0	1.0	1.0	

	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03		1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:37	8/13/24 11:41	1:03	1.0		1.0	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		0.5	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		0.5	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		0.5	0.5
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:53	8/13/24 16:55	1:02	1.0		1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:58	8/14/24 8:26	0:27	0.5		0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:32	0.5		0.5	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		0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:01	0:35	0.5		0.5	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		0.5	0.5
	Indiana Law and Statutes	8/14/24 15:18	8/14/24 16:22	1:04		1.0	1.0	1.0
O'Connell, Morrighan	Credits Requested:					1.0	0.0	1.0
	Total Credits Earned					1.0	0.0	1.0
	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	1:03	1.0		1.0	1.0
Oakley, Roger	Credits Requested: Wastewater					11.0	2.0	13.0
	Total Credits Earned					11.0	2.0	13.0
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03		1.0	1.0	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	1.0	1.0
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	0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:25	0.5	0.5	0.5
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:55	8/13/24 15:25	0:30	0.5	0.5	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	1.0	1.0
Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:26	0:29	0.5	0.5	0.5
Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	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	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5	0.5	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	0.5	0.5
50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:01	0:36	0.5	0.5	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	0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	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	0.5	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	0.5	0.5
Ultra-Low Phosphorus Limits	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:07	1.0	1.0	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	0.5	0.5

	Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:46	0:34	0.5	0.5	0.5	
Obernesser, Megan	Credits Requested:		Total Credits Earned		1.5	1.5	3.0	3.0
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04	1.0	1.0	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	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5	0.5	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:28	8/14/24 14:00	0:32	0.5	0.5	0.5	
Odom, Shaunacy	Credits Requested: Wastewater		Total Credits Earned		4.5	1.5	6.0	6.0
	Welcome & Keynote Address	8/13/24 8:02	8/13/24 9:00	0:57	1.0	1.0	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	0.5	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	0.5	0.5	
	Out In The Field Not In A Book	8/14/24 7:56	8/14/24 8:57	1:00	1.0	1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:32	8/14/24 9:59	0:26	0.5	0.5	0.5	
	21ST Century FOG Management	8/14/24 13:29	8/14/24 13:59	0:30	0.5	0.5	0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5	
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:15	8/14/24 16:14	0:59	1.0	1.0	1.0	
	Transforming Compliance Using Collaborative Technology	8/14/24 16:26	8/14/24 16:57	0:31	0.5	0.5	0.5	
Orem, Joanna	Credits Requested: Drinking Water, Wastewater		Total Credits Earned		4.5	0.5	5.0	5.0
	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	0.5	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	0.5	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	0.5
	Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants	8/13/24 14:02	8/13/24 14:28	0:26	0.5		0.5
	Out In The Field Not In A Book	8/14/24 7:52	8/14/24 8:57	1:04	1.0		1.0
	Challenges In The Field	8/14/24 10:05	8/14/24 11:02	0:57	0.5		0.5
	21ST Century FOG Management	8/14/24 13:29	8/14/24 13:59	0:29	0.5		0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5		0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:46	0:33	0.5		0.5
Osterman, John	Credits Requested:			Total Credits Earned	2.5	2.0	4.5
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:34		0.5	0.5	0.5
Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:32	0:29		0.5	0.5	0.5
IDEM Update	8/13/24 15:56	8/13/24 16:27	0:31		0.5	0.5	0.5
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:00	8/14/24 8:27	0:26	0.5		0.5	
Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5		0.5	
Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:38	8/14/24 10:05	0:26	0.5		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		0.5	
Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 8:03	8/15/24 8:30	0:27		0.5	0.5	

	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	0.5
Packard, Kyle	Credits Requested:				2.0	2.0	4.0
							4.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:37	8/13/24 11:41	1:03	1.0	1.0	1.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:31	8/13/24 13:57	0:25		0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:54	8/13/24 15:26	0:32		0.5	0.5
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:31		0.5	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	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:38		0.5	0.5
Page, Robert	Credits Requested: PDHs				3.5	0.5	4.0
							4.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:36	8/13/24 11:41	1:05	1.0	1.0	1.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:32	8/13/24 13:57	0:25		0.5	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:55	8/14/24 8:22	0:26	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:32	0.5	0.5	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	0.5	0.5

Pallotta, Catherine

Credits Requested: PDHs	Total Credits Earned			4.0	4.0	8.0	8.0
Welcome & Keynote Address	8/13/24 8:02	8/13/24 9:00	0:57		1.0	1.0	1.0
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5		0.5	0.5
In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:48	0:39	0.5		0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:25	0.5		0.5	0.5
Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:57	8/13/24 15:26	0:29	0.5		0.5	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	0:58	1.0		1.0	1.0
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	0.5	0.5
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	1.0	1.0
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:30	8/14/24 11:03	0:33		0.5	0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5		0.5	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		0.5	0.5
Indiana Law and Statutes	8/14/24 15:17	8/14/24 16:22	1:04		1.0	1.0	1.0

Paredes, Ricardo

Credits Requested:	Total Credits Earned			3.0	1.5	4.5	4.5
Hydraulic Modeling - What is it good for?	8/14/24 8:35	8/14/24 9:00	0:25	0.5		0.5	0.5
WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:34	8/14/24 10:00	0:25	0.5		0.5	0.5

	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:32	0.5	0.5	0.5	
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:32		0.5	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:34	8/14/24 14:00	0:26	0.5	0.5	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	0.5	0.5	
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:37		0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:56	8/14/24 16:25	0:29		0.5	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	0.5	0.5	
Parikshak, Dharmendra								
	Credits Requested:	Total Credits Earned			2.0	0.0	2.0	2.0
	Ultra-Low Phosphorus Limits	8/15/24 7:58	8/15/24 8:30	0:32	0.5	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:36	8/15/24 9:06	0:29	0.5	0.5	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	0.5	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	0.5	0.5	
Parker, Vincent								
	Credits Requested: Wastewater, PDHs	Total Credits Earned			7.0	6.5	13.5	13.5
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01		1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03		1.0	1.0	
	Operator Certification Update	8/13/24 10:35	8/13/24 11:06	0:31		0.5	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	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:24	0.5	0.5	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	0.5	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	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:49	8/14/24 8:26	0:36	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	1.0	1.0
	Ethics in Engineering	8/14/24 13:21	8/14/24 14:30	1:09	1.0	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:07	8/14/24 16:22	1:14	1.0	1.0	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:50	8/15/24 8:30	0:40	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:31	8/15/24 9:06	0:35	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:46	0:30	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:32	0.5	0.5	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	0.5	0.5
Parkman, Nick							
	Credits Requested: Wastewater			Total Credits Earned	8.0	0.0	8.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:33	8/13/24 11:10	0:36	0.5	0.5	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:25	0.5	0.5	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	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:50	8/13/24 15:25	0:34	0.5	0.5	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	1.0	1.0	
	Out In The Field Not In A Book	8/14/24 7:53	8/14/24 8:57	1:04	1.0	1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:22	8/14/24 9:59	0:37	0.5	0.5	0.5	
	Challenges In The Field	8/14/24 10:03	8/14/24 10:57	0:54	1.0	1.0	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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:33	8/15/24 9:06	0:33	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:32	0.5	0.5	0.5	
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5	
Parks, Chris	Credits Requested: Wastewater				Total Credits Earned	12.5	2.0	14.5
	14.5							
	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	0:59		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03		1.0	1.0	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		0.5	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		0.5	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		0.5	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		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:55	8/13/24 15:25	0:29	0.5		0.5	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	1.0	1.0	
	Out In The Field Not In A Book	8/14/24 7:58	8/14/24 8:57	0:59	1.0	1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:29	8/14/24 9:59	0:30	0.5	0.5	0.5	
	Challenges In The Field	8/14/24 10:01	8/14/24 10:57	0:56	1.0	1.0	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	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	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	0.5	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	0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:48	8/15/24 8:30	0:41	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:06	1.0	1.0	1.0	
	Primary Clarifier Sludge and Scum	8/15/24 9:11	8/15/24 9:40	0:29	0.5	0.5	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:46	0:33	0.5	0.5	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	1.0	1.0	
	Parsley, Chip	Credits Requested:			Total Credits Earned	0.0	1.0	1.0
		Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	1.0
Paschal, Ryan S.	Credits Requested: Wastewater			Total Credits Earned	6.5	3.5	10.0	
	Welcome & Keynote Address	8/13/24 8:01	8/13/24 9:00	0:58	1.0	1.0	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	1.0	1.0	

	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:31	8/13/24 13:57	0:25	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:05	8/14/24 10:57	0:51	1.0	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:36	8/14/24 14:01	0:25	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:28	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	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	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:56	8/15/24 8:30	0:34	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:34	8/15/24 9:06	0:31	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:09	8/15/24 9:37	0:28	0.5	0.5	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	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	0.5
Patankar, Jui	Credits Requested:			Total Credits Earned	0.5	1.0	1.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5

	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:34	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:31	0:29	0.5	0.5	0.5
Patel, Hodge	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Operator Certification Update	8/13/24 10:38	8/13/24 11:06	0:28	0.5	0.5	0.5
	SRF Basics	8/13/24 16:00	8/13/24 16:29	0:28	0.5	0.5	0.5
Paul, Stacey	Credits Requested: PDHs		Total Credits Earned	1.5	4.0	5.5	5.5
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:09	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:42	8/13/24 11:10	0:27	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:07	8/13/24 11:40	0:33	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:34	0.5	0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:31	0:29	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:01	8/13/24 15:25	0:23	0.5	0.5	0.5
	IDEM Update	8/13/24 15:53	8/13/24 16:27	0:34	0.5	0.5	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	0.5	0.5
Payne, Brian	Credits Requested: PDHs		Total Credits Earned	3.5	0.0	3.5	3.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:54	8/14/24 8:22	0:28	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:33	0.5	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:30	8/14/24 14:00	0:30	0.5	0.5	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	0.5	0.5
Peden, Phil	Credits Requested: PDHs		Total Credits Earned	2.0	4.0	6.0	6.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:32	8/13/24 11:41	1:08	1.0	1.0	1.0
	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	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	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:55	8/13/24 14:55	0:00	0.0	0.0	0.0
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	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	0.5	0.5
	Using your data and SCADA for maintenance and savings	8/14/24 10:04	8/14/24 11:00	0:55		1.0	1.0
	Ethics in Engineering	8/14/24 13:07	8/14/24 14:30	1:23		1.0	1.0
	Indiana Law and Statutes	8/14/24 15:10	8/14/24 16:22	1:12		1.0	1.0
Peterson, Donald	Credits Requested:		Total Credits Earned	1.5	0.5	2.0	2.0

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:10	8/13/24 11:49	0:38	0.5	0.5	0.5
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:24	8/13/24 13:59	0:34	0.5	0.5	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	0.5
Phillips, Chris	Credits Requested: Total Credits Earned						
					0.0	1.0	1.0
	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	1.0
Phillips, Will	Credits Requested: Total Credits Earned						
					3.5	1.5	5.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:40	8/13/24 11:10	0:29	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:12	8/13/24 11:49	0:36	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:01	8/13/24 15:26	0:25		0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:04	8/14/24 10:57	0:52	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:20	8/14/24 13:59	0:39	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:08	8/14/24 14:35	0:26	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:30	8/15/24 9:10	0:39		0.5	0.5

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:52	8/15/24 11:25	0:33	0.5	0.5	0.5	
Pierce, Matthew	Credits Requested:	Total Credits Earned			1.0	1.0	2.0	2.0
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:28	0:25	0.5	0.5	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	0.5	0.5	
	IDEM Update	8/13/24 15:56	8/13/24 16:27	0:30	0.5	0.5	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	0.5	0.5	
Pierson, Justin	Credits Requested:	Total Credits Earned			2.0	1.0	3.0	3.0
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:50	8/15/24 8:30	0:40	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:39	1:05	1.0	1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31	0.5	0.5	0.5	
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:31	8/15/24 11:56	0:25	0.5	0.5	0.5	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:33	8/15/24 11:58	0:25	0.5	0.5	0.5	
Pinkerton, Patrick	Credits Requested: Wastewater, PDHs	Total Credits Earned			4.5	7.5	12.0	12.0
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:09	1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03	1.0	1.0	1.0	
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:26	0.5	0.5	0.5
	IDEM Update	8/13/24 15:56	8/13/24 16:27	0:30	0.5	0.5	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	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5	0.5	0.5
	Ethics in Engineering	8/14/24 13:22	8/14/24 14:30	1:08	1.0	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:18	8/14/24 16:22	1:03	1.0	1.0	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	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:06	0:33	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:28	0.5	0.5	0.5
Poczekay, Jamie	Credits Requested:				4.5	1.0	5.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:42	8/13/24 11:10	0:27	0.5	0.5	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 14:30	0:28	0.5	0.5	0.5

	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:00	8/13/24 15:26	0:26	0.5	0.5	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	1.0	1.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:33	8/14/24 10:00	0:26	0.5	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:38	8/14/24 14:04	0:26	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:21	8/14/24 15:55	0:34	0.5	0.5	0.5
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:53	8/14/24 16:26	0:32	0.5	0.5	0.5
Ponx, Alex	Credits Requested:		Total Credits Earned	4.0	6.0	10.0	10.0
	Welcome & Keynote Address	8/13/24 7:47	8/13/24 9:00	1:13	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:23	8/13/24 13:53	0:29	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:58	8/13/24 15:27	0:28	0.5	0.5	0.5
	SRF Basics	8/13/24 15:56	8/13/24 16:29	0:33	0.5	0.5	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	0.5	0.5

	Mastering the Art of Master Planning	8/14/24 7:58	8/14/24 9:00	1:02	1.0	1.0	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	0.5	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	0.5	0.5	
	Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana	8/14/24 14:05	8/14/24 14:32	0:26	0.5	0.5	0.5	
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	0.5	
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:29	8/14/24 16:55	0:26	0.5	0.5	0.5	
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:50	8/15/24 8:30	0:40	0.5	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:06	0:37	0.5	0.5	0.5	
	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	1.0	1.0	
Porter, Bill								
	Credits Requested: PDHs	Total Credits Earned			1.5	0.5	2.0	2.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:37	8/13/24 11:41	1:03	1.0	1.0	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	0.5	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 14:30	0:32	0.5	0.5	0.5	
Portz, James								
	Credits Requested:	Total Credits Earned			4.5	3.0	7.5	7.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:40	8/13/24 11:10	0:29	0.5	0.5	0.5	

	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:49	0:39	0.5	0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:31	8/13/24 13:57	0:26	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:28	0:27	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:01	8/13/24 15:27	0:25	0.5	0.5	0.5
	SRF Basics	8/13/24 15:48	8/13/24 16:29	0:40	0.5	0.5	0.5
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:31	8/13/24 16:57	0:25	0.5	0.5	0.5
	21ST Century FOG Management	8/14/24 13:33	8/14/24 13:59	0:25	0.5	0.5	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	0.5	0.5
	Indiana Law and Statutes	8/14/24 15:33	8/14/24 16:23	0:50	1.0	1.0	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	0.5	0.5
	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:30	0.5	0.5	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	1.0	1.0
Powell, James							
	Credits Requested:			Total Credits Earned	5.0	2.5	7.5
	Welcome & Keynote Address	8/13/24 7:47	8/13/24 9:00	1:12	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:14	1:03	1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:33	8/13/24 11:41	1:07	1.0	1.0	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	0.5	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	0.5	0.5

	IDEM Update	8/13/24 15:53	8/13/24 16:27	0:33		0.5	0.5	0.5
	Mastering the Art of Master Planning	8/14/24 7:55	8/14/24 9:00	1:05	1.0		1.0	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		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5		0.5	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		0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:31	0.5		0.5	0.5
Powers, Jake	Credits Requested:		Total Credits Earned		0.0	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:33	8/15/24 9:10	0:36		0.5	0.5	0.5
Prange, Lawrence	Credits Requested: Wastewater		Total Credits Earned		3.0	0.0	3.0	3.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:31	8/13/24 11:41	1:10	1.0		1.0	1.0
	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		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:29	0:28	0.5		0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:26	0:29	0.5		0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5		0.5	0.5
Pratt, Tristin	Credits Requested:		Total Credits Earned		2.0	1.0	3.0	3.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:26	0:29	0.5		0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:30	8/14/24 9:00	0:29	0.5		0.5	0.5
	Using your data and SCADA for maintenance and savings	8/14/24 10:04	8/14/24 11:00	0:55		1.0	1.0	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		0.5	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	0:25	0.5	0.5	0.5	
Price, Brian	Credits Requested:	Total Credits Earned			1.5	0.5	2.0	2.0
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:39	1:05	1.0	1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25		0.5	0.5	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:31	8/15/24 11:56	0:25	0.5	0.5	0.5	
Query, Jon	Credits Requested:	Total Credits Earned			2.0	3.0	5.0	5.0
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:59	8/13/24 15:27	0:27	0.5	0.5	0.5	
	IDEM Update	8/13/24 15:58	8/13/24 16:27	0:29		0.5	0.5	
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:31	8/13/24 16:57	0:25		0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5	
	Ethics in Engineering	8/14/24 13:30	8/14/24 14:30	1:00		1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:17	8/14/24 16:22	1:05		1.0	1.0	
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:24	8/14/24 16:55	0:30	0.5	0.5	0.5	
Radcliff, Richard	Credits Requested:	Total Credits Earned			3.5	2.0	5.5	5.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:29	8/13/24 13:56	0:27	0.5	0.5	0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:03	8/13/24 15:27	0:23		0.5	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	1.0	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	0.5	0.5		
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:34	8/14/24 11:03	0:29		0.5	0.5		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	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	0.5	0.5		
	Back to Basics: Review of UV Disinfection	8/15/24 8:38	8/15/24 9:06	0:27	0.5	0.5	0.5		
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:48	8/15/24 10:50	1:02		1.0	1.0		
Raimondi, Lindsay	Credits Requested:				Total Credits Earned	1.5	0.0	1.5	1.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:45	8/13/24 11:41	0:55	1.0	1.0	1.0		
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:30	8/14/24 10:00	0:29	0.5	0.5	0.5		
Ramer, Matthew	Credits Requested: Wastewater				Total Credits Earned	6.0	1.5	7.5	7.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:36	8/13/24 11:41	1:05	1.0	1.0	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	0.5	0.5		
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:29	0:25	0.5	0.5	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	1.0	1.0		
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:29	8/14/24 16:55	0:26		0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:56	8/15/24 8:30	0:34		0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:32	8/15/24 9:10	0:37		0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5		0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:46	0:30	0.5		0.5
Ransberger, Kris							
	Credits Requested:				4.5	0.5	5.0
	Total Credits Earned						5.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:50	8/14/24 8:26	0:36	0.5		0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5		0.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:33	8/14/24 10:00	0:27	0.5		0.5
	Challenges In The Field	8/14/24 10:03	8/14/24 10:57	0:54	1.0		1.0
	50 Years Later and SND Still Works	8/14/24 13:30	8/14/24 14:01	0:31	0.5		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		0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:15	8/14/24 15:55	0:39		0.5	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		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		0.5
Reed, Benjamin							
	Credits Requested: PDHs				1.0	6.0	7.0
	Total Credits Earned						7.0
	Welcome & Keynote Address	8/13/24 8:09	8/13/24 9:00	0:50		1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5		0.5
	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	0.5

	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:27	8/13/24 13:53	0:26	0.5	0.5	0.5	
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:59	8/13/24 14:31	0:31	0.5	0.5	0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:00	8/13/24 15:28	0:27	0.5	0.5	0.5	
	SRF Basics	8/13/24 15:56	8/13/24 16:29	0:32	0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:34	8/14/24 14:30	0:56	1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:27	8/14/24 16:22	0:54	1.0	1.0	1.0	
	Leading Change	8/14/24 16:29	8/14/24 16:58	0:29	0.5	0.5	0.5	
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:26	8/15/24 11:55	0:29	0.5	0.5	0.5	
Reese, Micky	Credits Requested: Drinking Water, Wastewater		Total Credits Earned		11.0	1.0	12.0	12.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:40	8/13/24 11:41	1:01	1.0	1.0	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:29	0:25	0.5	0.5	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	0.5	0.5	
	IDEM Update	8/13/24 15:54	8/13/24 16:27	0:32	0.5	0.5	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	0.5	0.5	
	Out In The Field Not In A Book	8/14/24 8:02	8/14/24 8:57	0:55	1.0	1.0	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:29	0.5	0.5	0.5	
	Challenges In The Field	8/14/24 10:07	8/14/24 10:58	0:50	1.0	1.0	1.0	
	21ST Century FOG Management	8/14/24 13:29	8/14/24 13:59	0:30	0.5	0.5	0.5	

	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:28	0.5	0.5	0.5	
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:23	8/14/24 16:15	0:51	1.0	1.0	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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:06	0:34	0.5	0.5	0.5	
	Flexing Your Procurement Muscle	8/15/24 9:12	8/15/24 9:37	0:25	0.5	0.5	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:19	8/15/24 10:46	0:27	0.5	0.5	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	1.0	1.0	
Reeves, Calvin								
	Credits Requested:	Total Credits Earned			1.5	0.0	1.5	1.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:39	1:05	1.0	1.0	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	0.5	0.5	
Retherford, Brook								
	Credits Requested:	Total Credits Earned			0.5	0.0	0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:54	8/13/24 15:26	0:31	0.5	0.5	0.5	
Rexing, John								
	Credits Requested:	Total Credits Earned			2.0	3.0	5.0	5.0
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	1.0	1.0

	Ethics in Engineering	8/14/24 13:28	8/14/24 14:30	1:02	1.0	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:08	8/14/24 16:22	1:13	1.0	1.0	1.0
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:24	8/14/24 16:55	0:30	0.5	0.5	0.5
Rickard, Amanda	Credits Requested: PDHs		Total Credits Earned		1.5	4.0	5.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:20	8/13/24 13:56	0:36	0.5	0.5	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	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:56	8/13/24 15:26	0:30	0.5	0.5	0.5
	IDEM Update	8/13/24 15:53	8/13/24 16:27	0:33	0.5	0.5	0.5
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:31	8/13/24 16:57	0:25	0.5	0.5	0.5
	Ethics in Engineering	8/14/24 13:34	8/14/24 14:30	0:56	1.0	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:18	8/14/24 16:22	1:04	1.0	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25	0.5	0.5	0.5
	Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:26	8/15/24 11:55	0:29	0.5	0.5	0.5
Rigdon, John	Credits Requested: Wastewater		Total Credits Earned		2.0	0.5	2.5
	know	8/15/24 7:55	8/15/24 8:30	0:35	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:36	8/15/24 9:01	0:25	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:37	0:30	0.5	0.5	0.5
	Basics of pH	8/15/24 9:46	8/15/24 10:15	0:29	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:29	0.5	0.5	0.5
Riggs, Monique	Credits Requested:		Total Credits Earned		0.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04	1.0	1.0	1.0
Riley, Andrew							

Credits Requested: Wastewater	Total Credits Earned			9.0	2.5	11.5	11.5
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		0.5	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	0.5	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		0.5	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		0.5	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		1.0	1.0
Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:57	0:56	1.0		1.0	1.0
Water Treatment Regulatory Terms & Definitions	8/14/24 9:27	8/14/24 10:00	0:32	0.5		0.5	0.5
Challenges In The Field	8/14/24 10:03	8/14/24 10:57	0:54	1.0		1.0	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	1.0	1.0
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:21	8/14/24 15:55	0:34	0.5		0.5	0.5
Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28		0.5	0.5	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		0.5	0.5
Tips for Labs that you may not know	8/15/24 7:53	8/15/24 8:30	0:36	0.5		0.5	0.5
IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:01	0:27		0.5	0.5	0.5
Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:37	0:30	0.5		0.5	0.5
Basics of pH	8/15/24 9:43	8/15/24 10:15	0:32	0.5		0.5	0.5
A case for better lab results	8/15/24 10:15	8/15/24 10:47	0:31	0.5		0.5	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	1.0	1.0
Risner, Dan	Credits Requested: Wastewater						
			Total Credits Earned	3.5	3.0	6.5	6.5
	Welcome & Keynote Address	8/13/24 7:53	8/13/24 9:00	1:06	1.0	1.0	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	0.5	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	0.5	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	0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:07	8/14/24 10:58	0:50	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:33	8/14/24 13:59	0:26	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:08	8/14/24 14:35	0:26	0.5	0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 8:04	8/15/24 8:30	0:26	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:31	8/15/24 9:10	0:39	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:52	8/15/24 11:25	0:33	0.5	0.5	0.5
Robarge, Andrew	Credits Requested: PDHs						
			Total Credits Earned	2.5	5.0	7.5	7.5
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:39	8/13/24 11:10	0:30	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:49	0:39	0.5	0.5	0.5

	SRF Basics	8/13/24 15:48	8/13/24 16:29	0:41	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:28	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:29	0.5	0.5	0.5	
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:34	8/14/24 11:03	0:29	0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:24	8/14/24 14:30	1:06	1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:25	8/14/24 16:22	0:57	1.0	1.0	1.0	
Robertson, Anthony								
	Credits Requested: Wastewater				Total Credits Earned	12.5	0.0	12.5
							12.5	
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:35	8/13/24 11:41	1:06	1.0	1.0	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:29	0:24	0.5	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:36	0.5	0.5	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	1.0	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	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	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	0.5	0.5	

	21ST Century FOG Management	8/14/24 13:17	8/14/24 13:59	0:42	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:54	8/15/24 8:30	0:35	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:06	0:34	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	0.5	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	1.0	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	1.0	1.0
Robertson, Brad							
	Credits Requested:				0.5	0.0	0.5
	Total Credits Earned				0.5	0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:23	8/13/24 13:56	0:33	0.5	0.5	0.5
Robertson, Kellie							
	Credits Requested:				0.0	1.0	1.0
	Total Credits Earned				0.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	0:59		1.0	1.0
Robertson, Sam							
	Credits Requested:				2.5	2.0	4.5
	Total Credits Earned				2.5	2.0	4.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:28	8/13/24 14:01	0:32		0.5	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	0.5	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 15:01	8/13/24 15:26	0:25	0.5		0.5	0.5
	IDEM Update	8/13/24 15:58	8/13/24 16:27	0:29		0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5		0.5	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	0:34		0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:29	8/15/24 9:06	0:37	0.5		0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5		0.5	0.5
	Keeping Your Clarifiers Happy: Solutions for Variable Flow Challenges	8/15/24 9:44	8/15/24 10:15	0:31	0.5		0.5	0.5
Robinson, Trey								
	Credits Requested: Wastewater					1.5	0.0	1.5
	Total Credits Earned					1.5	0.0	1.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:39	1:05	1.0		1.0	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		0.5	0.5
Rodgers, Tom								
	Credits Requested:					0.0	1.0	1.0
	Total Credits Earned					0.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:57	8/13/24 9:00	1:03		1.0	1.0	1.0
Rodriguez, Brandi								
	Credits Requested: PDHs					6.5	4.5	11.0
	Total Credits Earned					6.5	4.5	11.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:30	8/13/24 11:10	0:39	0.5		0.5	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	0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:20	8/13/24 13:56	0:36	0.5		0.5	0.5

Understanding the Mechanistic Pathways in Sub and Supercritical Water Oxidation Processes for the Destruction of PFAS and Emerging Contaminants	8/13/24 13:57	8/13/24 14:26	0:28	0.5	0.5	0.5
Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:01	8/13/24 15:28	0:27	0.5	0.5	0.5
SRF Basics	8/13/24 15:53	8/13/24 16:29	0:36	0.5	0.5	0.5
Mastering the Art of Master Planning	8/14/24 7:47	8/14/24 9:00	1:13	1.0	1.0	1.0
Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:31	8/14/24 10:30	0:58	1.0	1.0	1.0
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:03	0:32	0.5	0.5	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	0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:22	8/14/24 15:55	0:33	0.5	0.5	0.5
Getting the Next Generation Excited about Wastewater	8/14/24 15:56	8/14/24 16:25	0:29	0.5	0.5	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	0.5	0.5
Ultra-Low Phosphorus Limits	8/15/24 7:58	8/15/24 8:30	0:32	0.5	0.5	0.5
Emergency Preparedness and Procedures	8/15/24 8:32	8/15/24 9:10	0:37	0.5	0.5	0.5
Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:37	0:30	0.5	0.5	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	0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:14	8/15/24 10:46	0:32	0.5	0.5	0.5
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:56	8/15/24 11:25	0:28	0.5	0.5	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	0.5	0.5

Rogers, Deen

	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	0:59	1.0	1.0	1.0
Rohner, Aaron	Credits Requested: PDHs		Total Credits Earned	2.5	0.0	2.5	2.5
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:30	8/14/24 10:00	0:29	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0:35	0.5	0.5	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	0.5	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	0.5	0.5
Romanucci, Izzy	Credits Requested:		Total Credits Earned	2.0	0.0	2.0	2.0
	21ST Century FOG Management	8/14/24 13:17	8/14/24 14:00	0:42	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:15	8/14/24 16:15	0:59	1.0	1.0	1.0
	Transforming Compliance Using Collaborative Technology	8/14/24 16:22	8/14/24 16:57	0:35	0.5	0.5	0.5
Romanyk, Joseph	Credits Requested:		Total Credits Earned	2.5	3.0	5.5	5.5
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:36	8/13/24 11:10	0:33	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:34	0.5	0.5	0.5

	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:31	0:29	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:31	8/14/24 9:00	0:29	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:07	8/14/24 10:35	0:28	0.5	0.5	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 10:37	8/14/24 11:05	0:28	0.5	0.5	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	0.5	0.5
Rooks, Ray							
	Credits Requested: Wastewater			Total Credits Earned	6.0	5.5	11.5
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	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	1.0	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	0.5	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	0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:53	8/13/24 16:27	0:34	0.5	0.5	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	0.5	0.5
	Mastering the Art of Master Planning	8/14/24 7:48	8/14/24 9:00	1:12	1.0	1.0	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	1.0	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	0.5	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	1.0	1.0
	Tips for Labs that you may not know	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:32	8/15/24 9:01	0:28	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:10	8/15/24 9:38	0:27	0.5	0.5	0.5
	Basics of pH	8/15/24 9:45	8/15/24 10:15	0:30	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:29	0.5	0.5	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	1.0	1.0
Roper, Ralph							
	Credits Requested:				5.0	2.0	7.0
	Total Credits Earned						7.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:31	8/13/24 11:41	1:10	1.0	1.0	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	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:52	8/13/24 15:27	0:35	0.5	0.5	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	1.0	1.0
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:27	8/14/24 10:00	0:33	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:04	0:32	0.5	0.5	0.5
	Ethics in Engineering	8/14/24 13:22	8/14/24 14:30	1:08	1.0	1.0	1.0

	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 16:00	8/14/24 16:25	0:25		0.5	0.5
	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	0.5	0.5
Roschyk, Jeremy							
	Credits Requested:				Total Credits Earned	4.0	0.5
						4.0	4.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:30	8/13/24 13:56	0:26	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:29	0:24	0.5	0.5	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	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:43	8/14/24 9:00	0:16	0.5	0.0	0.0
	Requirements vs. Reality - Design Capacity Compared to Real World Observations	8/14/24 14:10	8/14/24 14:35	0:25	0.5	0.5	0.5
	Indiana Law and Statutes	8/14/24 15:37	8/14/24 15:39	0:01		0.0	0.0
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:57	8/14/24 16:26	0:28	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:46	0:29	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:55	8/15/24 11:25	0:30		0.5	0.5
	UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant	8/15/24 11:27	8/15/24 11:57	0:29	0.5	0.5	0.5
Rosenow, Anastasia							
	Credits Requested:				Total Credits Earned	7.0	0.5
						7.5	7.5
	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:29	0:28	0.5	0.5	0.5
	Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits	8/13/24 15:58	8/13/24 16:55	0:56	1.0	1.0	1.0

	Out In The Field Not In A Book	8/14/24 7:55	8/14/24 8:57	1:01	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:28	8/14/24 10:00	0:31	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:02	8/14/24 10:57	0:55	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:27	8/14/24 14:00	0:32	0.5	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:58	8/15/24 8:30	0:31	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:32	8/15/24 9:01	0:28	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:10	8/15/24 9:38	0:27	0.5	0.5	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	1.0	1.0
Roskowski, Brian	Credits Requested: Total Credits Earned						
					1.5	0.0	1.5
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:30	0.5	0.5	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	0.5	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	0.5	0.5
Roudebush, Robert "Bob"	Credits Requested: Wastewater Total Credits Earned						
					5.0	2.0	7.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:28	8/13/24 13:56	0:28	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:29	0:26	0.5	0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:55	8/13/24 16:27	0:32	0.5	0.5	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	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:32	8/14/24 14:01	0:29	0.5	0.5	0.5

	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:21	8/14/24 15:55	0:33		0.5	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:55	8/15/24 8:30	0:35	0.5		0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:01	0:28		0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:08	8/15/24 9:38	0:29	0.5		0.5	0.5
	Basics of pH	8/15/24 9:49	8/15/24 10:15	0:26	0.5		0.5	0.5
	A case for better lab results	8/15/24 10:15	8/15/24 10:47	0:31	0.5		0.5	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		1.0	1.0
Russell, Shane								
	Credits Requested: Drinking Water, Wastewater			Total Credits Earned	0.0	1.0	1.0	1.0
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:27		0.5	0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:27		0.5	0.5	0.5
Ruston, Gary								
	Credits Requested: PDHs			Total Credits Earned	4.0	1.5	5.5	5.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:28	8/13/24 13:57	0:28	0.5		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:29	0:26	0.5		0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:57	8/13/24 16:27	0:30		0.5	0.5	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		0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5		0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:30	8/14/24 16:55	0:24		0.5	0.5	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		0.5	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 10:14	8/15/24 11:30	1:15	1.0	1.0	1.0	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:30	8/15/24 11:55	0:25	0.5	0.5	0.5	
Saavedra, Karen	Credits Requested: PDHs				Total Credits Earned	7.5	3.0	10.5
	Welcome & Keynote Address	8/13/24 8:00	8/13/24 9:00	0:59		1.0	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		0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:49	0:39	0.5		0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:29	0:26	0.5		0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:59	8/13/24 15:28	0:28		0.5	0.5	
	SRF Basics	8/13/24 16:00	8/13/24 16:29	0:29		0.5	0.5	
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:52	8/14/24 8:23	0:30	0.5		0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5		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		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	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:26	8/14/24 14:00	0:34	0.5		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		0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:39	0.5		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	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:06	0:33	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:11	8/15/24 9:40	0:28	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:14	8/15/24 10:46	0:32	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30	0.5	0.5	0.5
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:26	8/15/24 11:56	0:29	0.5	0.5	0.5
Sahm, Brian							
	Credits Requested:				1.5	0.0	1.0
	Total Credits Earned						1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:16	8/14/24 8:26	0:09	0.5	0.0	0.0
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:26	8/14/24 10:00	0:33	0.5	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:01	0:35	0.5	0.5	0.5
Sailor, Dustin							
	Credits Requested: PDHs				3.5	8.0	11.5
	Total Credits Earned						11.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04	1.0	1.0	1.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:26	8/13/24 11:41	1:15	1.0	1.0	1.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:27	8/13/24 13:54	0:26	0.5	0.5	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	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:04	8/13/24 15:25	0:21	0.5	0.5	0.5
	IDEM Update	8/13/24 15:54	8/13/24 16:27	0:32	0.5	0.5	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	0.5	0.5

	Mastering the Art of Master Planning	8/14/24 7:57	8/14/24 9:00	1:03	1.0	1.0	1.0	
	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	1.0	1.0	
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:30	8/14/24 11:04	0:33	0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:25	8/14/24 14:30	1:05	1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:11	8/14/24 16:22	1:10	1.0	1.0	1.0	
	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	0.5	0.5	
	Emergency Preparedness and Procedures	8/15/24 8:31	8/15/24 9:10	0:38	0.5	0.5	0.5	
	Flexing Your Procurement Muscle	8/15/24 9:09	8/15/24 9:38	0:28	0.5	0.5	0.5	
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:44	8/15/24 10:50	1:05	1.0	1.0	1.0	
	Sajjad, Shaiza	Credits Requested: PDHs			Total Credits Earned	0.5	0.5	1.0
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5	0.5	0.5		
Getting the Next Generation Excited about Wastewater	8/14/24 15:56	8/14/24 16:25	0:29	0.5	0.5	0.5		
Samuelson, Amy	Credits Requested:			Total Credits Earned	8.5	3.5	12.0	12.0
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:30	8/13/24 11:10	0:39	0.5	0.5	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	0.5	0.5		
PFAS Regulations Impact on the Future of Land Application	8/13/24 13:20	8/13/24 13:57	0:36	0.5	0.5	0.5		
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:29	0:26	0.5	0.5	0.5		
Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:55	8/13/24 15:27	0:31	0.5	0.5	0.5		
IDEM Update	8/13/24 15:53	8/13/24 16:27	0:34	0.5	0.5	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	0.5	0.5
Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:26	0:29	0.5	0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:29	8/14/24 14:00	0:30	0.5	0.5	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	0.5	0.5
Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:19	8/14/24 16:15	0:55	1.0	1.0	1.0
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	0.5	0.5
Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:57	8/15/24 8:30	0:33	0.5	0.5	0.5
Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:06	0:38	0.5	0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5	0.5	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	1.0	1.0
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:58	8/15/24 11:25	0:26	0.5	0.5	0.5

	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:21	8/15/24 11:56	0:34	0.5	0.5	0.5	
Sanford, Jordan	Credits Requested:				Total Credits Earned	0.0	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:35		0.5	0.5	
Sanzone, Carleen	Credits Requested:				Total Credits Earned	5.5	2.5	8.0
	Operator Certification Update	8/13/24 10:31	8/13/24 11:06	0:35		0.5	0.5	
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:08	8/13/24 11:43	0:35		0.5	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		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	0.5	
	IDEM Update	8/13/24 15:56	8/13/24 16:27	0:31		0.5	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	0.5	
	Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:57	0:56	1.0		1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:22	8/14/24 10:00	0:37	0.5		0.5	
	Challenges In The Field	8/14/24 10:02	8/14/24 10:57	0:54	1.0		1.0	
	21ST Century FOG Management	8/14/24 13:16	8/14/24 14:00	0:43	0.5		0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5		0.5	
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:15	1:00	1.0		1.0	
	Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:57	0:36	0.5		0.5	
SATTISON, TODD	Credits Requested: Wastewater				Total Credits Earned	3.0	0.0	3.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:35	8/13/24 11:41	1:06	1.0		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		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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	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	0.5	0.5
Savick, Kimberlee							
	Credits Requested:		Total Credits Earned		1.0	0.5	1.5
	Challenges In The Field	8/14/24 10:05	8/14/24 10:57	0:51	1.0	1.0	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	0.5
Sawyer, Christie							
	Credits Requested: Wastewater		Total Credits Earned		10.5	3.5	14.0
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04		1.0	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		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		0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:30	0:27	0.5		0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:36	0.5		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 16:56	1:03	1.0		1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:51	8/14/24 8:26	0:34	0.5		0.5
	Benefits of Big Bubble Mixing	8/14/24 8:31	8/14/24 9:00	0:28	0.5		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		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	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:01	0:36	0.5		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	0.5	0.5	
Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	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	0.5	0.5	
Ultra-Low Phosphorus Limits	8/15/24 7:48	8/15/24 8:30	0:41	0.5	0.5	0.5	
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:06	1.0	1.0	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	0.5	0.5	
Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:46	0:33	0.5	0.5	0.5	
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31	0.5	0.5	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	0.5	0.5	
Sawyer, George							
Credits Requested: Wastewater	Total Credits Earned			10.0	3.5	13.5	13.5
Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10		1.0	1.0	1.0
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04		1.0	1.0	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		1.0	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		0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:05	8/13/24 14:30	0:24	0.5		0.5	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		0.5	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		1.0	1.0

Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:51	8/14/24 8:26	0:34	0.5	0.5	0.5		
Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	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	1.0		
50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:01	0:36	0.5	0.5	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	0.5	0.5		
Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	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	0.5	0.5		
Ultra-Low Phosphorus Limits	8/15/24 7:51	8/15/24 8:30	0:39	0.5	0.5	0.5		
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:39	1:06	1.0	1.0	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	0.5	0.5		
Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:46	0:33	0.5	0.5	0.5		
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31		0.5	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	0.5	0.5		
Sawyer, Ronnie								
Credits Requested: Wastewater			Total Credits Earned		3.5	2.0	5.5	5.5
Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10		1.0	1.0	1.0	
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04		1.0	1.0	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		1.0	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		0.5	0.5	

	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:30	0:25	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:36	0.5	0.5	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	1.0	1.0
Scales, Andy							
	Credits Requested:		Total Credits Earned		0.5	0.5	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	0.5	0.5
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:09	8/13/24 11:43	0:33		0.5	0.5
Schaeffer, Nichie							
	Credits Requested: PDHs		Total Credits Earned		4.0	0.0	4.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:26	8/14/24 10:00	0:33	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:02	8/14/24 10:57	0:54	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:17	8/14/24 14:00	0:42	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:29	0.5	0.5	0.5
	Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:57	0:36	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:20	8/14/24 16:27	1:06	1.0	1.0	1.0
Schelling, Natalie							
	Credits Requested: PDHs		Total Credits Earned		6.0	7.0	13.0
	Welcome & Keynote Address	8/13/24 7:47	8/13/24 9:00	1:13	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	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	0.5	0.5

Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:23	8/13/24 13:54	0:30	0.5	0.5	0.5
Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:55	8/13/24 14:31	0:35	0.5	0.5	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	0.5	0.5
SRF Basics	8/13/24 15:56	8/13/24 16:29	0:33	0.5	0.5	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	0.5	0.5
Mastering the Art of Master Planning	8/14/24 7:58	8/14/24 9:00	1:02	1.0	1.0	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	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5	0.5	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	0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:26	8/14/24 14:00	0:33	0.5	0.5	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	0.5	0.5
A Gen Z Perspective on the Wastewater Industry	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	0.5
Getting the Next Generation Excited about Wastewater	8/14/24 15:56	8/14/24 16:25	0:29	0.5	0.5	0.5
Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:29	8/14/24 16:55	0:26	0.5	0.5	0.5

	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:50	8/15/24 8:30	0:40	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:06	0:37	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	0.5
	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	1.0	1.0
Schilling, Cherylynn	Credits Requested: PDHs		Total Credits Earned	1.0	0.0	1.0	1.0
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:21	8/14/24 15:55	0:34	0.5	0.5	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	0.5	0.5
Schmid, Thomas	Credits Requested: PDHs		Total Credits Earned	1.0	1.0	2.0	2.0
	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	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:30	8/13/24 14:01	0:30	0.5	0.5	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 14:31	0:31	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:57	8/13/24 15:25	0:28	0.5	0.5	0.5
Schmitt, Jeremy	Credits Requested: PDHs		Total Credits Earned	6.0	3.5	9.5	9.5
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:18	8/13/24 11:44	0:25	0.5	0.5	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:05	8/13/24 14:30	0:25	0.5	0.5	0.5

Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 15:00	8/13/24 15:27	0:26	0.5	0.5	0.5	
IDEM Update	8/13/24 15:58	8/13/24 16:27	0:29		0.5	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	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	1.0	
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:31	8/14/24 11:04	0:33		0.5	0.5	
21ST Century FOG Management	8/14/24 13:28	8/14/24 14:00	0:31	0.5		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		0.5	
Adaptive mixing and process optimization with energy savings	8/14/24 15:21	8/14/24 15:50	0:29	0.5		0.5	
Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:31	8/14/24 16:58	0:26	0.5		0.5	
Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:39	1:06	1.0		1.0	
Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5		0.5	
Sustained 60 MGD? Sure, why not!	8/15/24 10:20	8/15/24 10:47	0:26	0.5		0.5	
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30		0.5	0.5	
Grit Happens - Sustainable Solutions for Grit Management At WWTPs	8/15/24 11:22	8/15/24 11:55	0:33	0.5		0.5	
Schortgen, Zach							
Credits Requested: Wastewater, PDHs				Total Credits Earned	7.0	4.0	11.0
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:40	8/13/24 11:41	1:01	1.0		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		0.5	
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:05	8/13/24 14:30	0:24	0.5		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	0.5	0.5
	IDEM Update	8/13/24 15:57	8/13/24 16:27	0:30		0.5	0.5
	The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:32	8/13/24 16:58	0:26		0.5	0.5
	Mastering the Art of Master Planning	8/14/24 8:00	8/14/24 9:00	1:00	1.0	1.0	1.0
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	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	0.5
	21ST Century FOG Management	8/14/24 13:32	8/14/24 14:00	0:27	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:20	8/14/24 15:55	0:34		0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:26		0.5	0.5
	Transforming Compliance Using Collaborative Technology	8/14/24 16:29	8/14/24 16:57	0:28	0.5	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:55	8/15/24 8:30	0:34	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:34	8/15/24 9:06	0:32	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	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	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:27		0.5	0.5
	Schutte, Matt	Credits Requested:				1.0	1.5
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	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	0.5

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:34	8/14/24 14:00	0:26	0.5	0.5	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	0.5	0.5
Scott, Ian	Credits Requested: PDHs		Total Credits Earned	3.5	0.5	4.0	4.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:56	8/14/24 8:22	0:26	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:30	8/14/24 14:00	0:30	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:18	8/14/24 15:55	0:36		0.5	0.5
Selig, Joshua	Credits Requested: PDHs		Total Credits Earned	1.0	0.0	1.0	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	0.5	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	0.5	0.5
Selking, Lauren	Credits Requested:		Total Credits Earned	1.0	0.0	1.0	1.0
	Fail	8/13/24 10:45	8/13/24 11:41	0:56	1.0	1.0	1.0

Serowka, Edward							
Credits Requested:	Total Credits Earned			2.0	1.5	3.5	3.5
Mastering the Art of Master Planning	8/14/24 7:52	8/14/24 9:00	1:08	1.0		1.0	1.0
Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:23	8/14/24 10:30	1:06		1.0	1.0	1.0
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:32	8/14/24 11:04	0:32		0.5	0.5	0.5
50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:01	0:36	0.5		0.5	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		0.5	0.5
Shane, Serena							
Credits Requested:	Total Credits Earned			7.0	4.0	11.0	11.0
Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:05		1.0	1.0	1.0
Operator Certification Update	8/13/24 10:44	8/13/24 11:10	0:26		0.5	0.5	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	0.5	0.5
Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:54	0:29		0.5	0.5	0.5
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:30	0:29	0.5		0.5	0.5
IDEM Update	8/13/24 16:00	8/13/24 16:27	0:27		0.5	0.5	0.5
The Need to Understand and Manage Water Availability within Basins in Indiana	8/13/24 16:32	8/13/24 16:58	0:26		0.5	0.5	0.5
Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:57	0:56	1.0		1.0	1.0
Water Treatment Regulatory Terms & Definitions	8/14/24 9:25	8/14/24 10:00	0:34	0.5		0.5	0.5
Challenges In The Field	8/14/24 10:02	8/14/24 10:57	0:54	1.0		1.0	1.0
IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:07	8/14/24 14:35	0:27	0.5		0.5	0.5
Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:16	8/14/24 16:15	0:58	1.0		1.0	1.0
Tips for Labs that you may not know	8/15/24 7:54	8/15/24 8:30	0:36	0.5		0.5	0.5

	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:34	8/15/24 9:01	0:27	0.5	0.5	0.5	
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5	
	A case for better lab results	8/15/24 10:15	8/15/24 10:47	0:31	0.5	0.5	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	1.0	1.0	
	Sharpe, Alex							
Credits Requested:		Total Credits Earned			2.0	0.0	2.0	2.0
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:52	8/14/24 8:23	0:30	0.5		0.5	0.5	
Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:25	8/14/24 10:00	0:34	0.5		0.5	0.5	
North Interceptor Sewer - Danville, IN	8/14/24 10:09	8/14/24 10:35	0:26	0.5		0.5	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		0.5	0.5	
Sheehan, Alexis								
Credits Requested:		Total Credits Earned			3.5	2.0	5.5	5.5
Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:27	8/13/24 14:01	0:33		0.5	0.5	0.5	
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:30	0:25	0.5		0.5	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		0.5	0.5	
The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:58	8/13/24 16:56	0:57	1.0		1.0	1.0	
Using your data and SCADA for maintenance and savings	8/14/24 10:04	8/14/24 11:00	0:56		1.0	1.0	1.0	
50 Years Later and SND Still Works	8/14/24 13:30	8/14/24 14:02	0:31	0.5		0.5	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	0:25	0.5	0.5	0.5		
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:39		0.5	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	0.5	0.5		
Shelton, Lewis	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	8.0	4.5	12.5	12.5
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09		1.0	1.0	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		1.0	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		0.5	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		0.5	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		0.5	0.5	
	IDEM Update	8/13/24 15:54	8/13/24 16:27	0:33		0.5	0.5	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	0.5	0.5	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:55	8/14/24 8:26	0:30	0.5		0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:29	8/14/24 9:00	0:31	0.5		0.5	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	1.0	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	0.5	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		0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:18	8/14/24 15:55	0:36		0.5	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	0.5	0.5
	Leading Change	8/14/24 16:28	8/14/24 16:58	0:29		0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:59	8/15/24 8:30	0:31	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:41	8/15/24 9:01	0:19		0.0	0.0
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	0.5	0.5
	A case for better lab results	8/15/24 10:18	8/15/24 10:47	0:28	0.5	0.5	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	1.0	1.0
Shields, Jim							
	Credits Requested: PDHs				8.0	5.5	13.5
	Total Credits Earned						13.5
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:37	8/13/24 11:41	1:03	1.0	1.0	1.0
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:31	8/13/24 13:59	0:28	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:30	0:25	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:00	8/13/24 15:28	0:27		0.5	0.5
	SRF Basics	8/13/24 15:56	8/13/24 16:29	0:33		0.5	0.5
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:27	8/13/24 17:00	0:33		0.5	0.5

Shook, David	Mastering the Art of Master Planning	8/14/24 7:59	8/14/24 9:00	1:01	1.0	1.0	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	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	0.5
	50 Years Later and SND Still Works	8/14/24 13:31	8/14/24 14:02	0:30		0.5	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	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38		0.5	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	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	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	0:34		0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:06	0:38		0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:29		0.5	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	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 10:13	8/15/24 11:30	1:17		1.0	1.0
Credits Requested:			Total Credits Earned	1.5	0.5	2.0	2.0
Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:31	8/13/24 11:42	1:10		1.0	1.0	

	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:23	8/13/24 13:54	0:30	0.5	0.5	0.5		
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:30	0:29	0.5	0.5	0.5		
Shoulders, Ben	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	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	0.5	0.5		
Shrader, Robin	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	5.5	3.0	8.5	8.5
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04		1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04		1.0	1.0	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	0.5	0.5		
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:30	0:27	0.5	0.5	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	1.0	1.0		
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:26	0:26	0.5	0.5	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	1.0	1.0	
	Ultra-Low Phosphorus Limits	8/15/24 7:59	8/15/24 8:30	0:30	0.5	0.5	0.5		
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:06	1.0	1.0	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	0.5	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	1.0	1.0		
Shroyer, Macon	Credits Requested: Wastewater				Total Credits Earned	7.5	4.0	11.5	11.5
	Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:13		1.0	1.0	1.0	
	Operator Certification Update	8/13/24 10:31	8/13/24 11:06	0:35		0.5	0.5	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	0.5	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	0.5	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	0.5	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	0.5	0.5	
Out In The Field Not In A Book	8/14/24 7:55	8/14/24 8:57	1:02	1.0	1.0	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	1.0	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	0.5	0.5	
50 Years Later and SND Still Works	8/14/24 13:30	8/14/24 14:02	0:31	0.5	0.5	0.5	
IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5	0.5	0.5	
Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:15	1:00	1.0	1.0	1.0	
Tips for Labs that you may not know	8/15/24 7:54	8/15/24 8:30	0:36	0.5	0.5	0.5	
Emergency Preparedness and Procedures	8/15/24 8:33	8/15/24 9:10	0:36	0.5	0.5	0.5	
Primary Clarifier Sludge and Scum	8/15/24 9:11	8/15/24 9:40	0:28	0.5	0.5	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	0.5	0.5	
A case for better lab results	8/15/24 10:20	8/15/24 10:47	0:26	0.5	0.5	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	1.0	1.0	
Sidler, Ryan	Credits Requested:			Total Credits Earned	2.0	4.0	6.0
					6.0		

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:41	8/13/24 11:10	0:29	0.5	0.5	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	0.5	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	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	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:59	8/13/24 14:31	0:31		0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:49	8/13/24 15:25	0:36	0.5		0.5
	IDEM Update	8/13/24 15:57	8/13/24 16:27	0:30		0.5	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	0.5
	Mastering the Art of Master Planning	8/14/24 8:11	8/14/24 9:00	0:49	0.5		0.5
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:29	8/14/24 10:30	1:00		1.0	1.0
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:34	8/14/24 11:04	0:29		0.5	0.5
	Siedlecki, Kevin	Credits Requested: PDHs			Total Credits Earned	2.5	3.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5
	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	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:32	8/13/24 14:01	0:28		0.5	0.5

	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:31	0:27	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:25	0.5	0.5	0.5
	IDEM Update	8/13/24 15:58	8/13/24 16:27	0:29	0.5	0.5	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:55	8/14/24 8:23	0:27	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	0.5
	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:31	8/14/24 14:30	0:58	1.0	1.0	1.0
Simnick, Hannah	Credits Requested:		Total Credits Earned	1.0	0.0	1.0	1.0
	Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories	8/15/24 10:58	8/15/24 11:55	0:56	1.0	1.0	1.0
Skirvin, Brett	Credits Requested: Wastewater		Total Credits Earned	9.5	3.5	13.0	13.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09	1.0	1.0	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	1.0	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	0.5	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	0.5	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	0.5	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	1.0	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	0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	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	0.5	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	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	0.5	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	0.5	0.5
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	0.5
Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:52	8/14/24 16:26	0:34	0.5	0.5	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	0.5	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	0.5
Back to Basics: Review of UV Disinfection	8/15/24 8:29	8/15/24 9:06	0:37	0.5	0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:09	8/15/24 10:47	0:37	0.5	0.5	0.5
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25		0.5	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	0.5	0.5

Slocum, Mike

	Credits Requested:	Total Credits Earned			2.0	0.5	2.5	2.5		
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:29	8/14/24 10:00	0:30	0.5		0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5		0.5	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		0.5	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		0.5	0.5		
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:15	8/14/24 15:55	0:39		0.5	0.5	0.5		
Smith, Kenneth	Credits Requested: Drinking Water, Wastewater			Total Credits Earned			7.5	1.0	8.5	8.5
Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03		1.0	1.0	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		1.0	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		0.5	0.5			
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:30	0:27	0.5		0.5	0.5			
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:57	8/13/24 15:25	0:28	0.5		0.5	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		1.0	1.0			
50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:02	0:37	0.5		0.5	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		0.5	0.5			
Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5		0.5	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		0.5	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		0.5	0.5			

	Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5	0.5	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	0.5	0.5		
	Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:47	0:35	0.5	0.5	0.5		
Smith, Kevin									
	Credits Requested:				Total Credits Earned	2.5	4.5	7.0	7.0
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0	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	1.0	1.0	
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:16	8/14/24 15:55	0:38		0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:56	8/14/24 16:25	0:29		0.5	0.5	0.5	
	Wastewater Challenge Demonstration	8/14/24 16:30	8/14/24 16:55	0:24		0.5	0.5	0.5	
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:56	8/15/24 8:30	0:34		0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:39	1:05	1.0	1.0	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	0.5	0.5		
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25		0.5	0.5	0.5	
Smith, Michelle									
	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	10.0	2.0	12.0	12.0
	Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03		1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04		1.0	1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:38	8/13/24 11:41	1:03	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:30	0:28	0.5	0.5	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	0.5	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	1.0	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	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5
	Challenges In The Field	8/14/24 10:02	8/14/24 10:57	0:55	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:20	8/14/24 14:00	0:40	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:24	8/14/24 15:55	0:30	0.5	0.5	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	0.5	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	0.5	0.5
	Tips for Labs that you may not know	8/15/24 8:00	8/15/24 8:30	0:30	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:06	0:33	0.5	0.5	0.5
Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:38	0:31	0.5	0.5	0.5	
Smith, Nicholas	Credits Requested: Wastewater			Total Credits Earned	7.5	1.0	8.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:27	8/13/24 11:42	1:14	1.0	1.0	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	0.5	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	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:49	8/14/24 8:26	0:37	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:02	0:37	0.5	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:50	8/15/24 8:30	0:39	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:07	1.0	1.0	1.0
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:47	0:30	0.5	0.5	0.5
Smith, Sharnta	Credits Requested: Wastewater		Total Credits Earned	7.0	2.5	9.5	9.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04	1.0	1.0	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	0.5	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	0.5	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:30	0:29	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:30	8/14/24 9:00	0:29	0.5	0.5	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	0.5	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	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:02	0:36	0.5	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 8:03	8/15/24 8:30	0:26	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:39	8/15/24 9:39	1:00	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:47	0:33	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31		0.5	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	0.5	0.5
Smitley, Amy	Credits Requested:				2.5	1.0	3.5
	Total Credits Earned						3.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:42	8/13/24 11:10	0:27	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:12	8/13/24 11:49	0:37	0.5	0.5	0.5
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:30	8/13/24 13:59	0:28	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:30	0:28	0.5	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:55	8/13/24 15:27	0:31	0.5	0.5	0.5
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:30		0.5	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	0.5	0.5
Snyder, Mike	Credits Requested:				0.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08	1.0	1.0	1.0
Solis, Andy	Credits Requested:				0.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 8:10	8/13/24 9:00	0:50	1.0	1.0	1.0
Soller, Michael	Credits Requested: PDHs				2.0	2.5	4.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:30	8/13/24 13:57	0:27	0.5	0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:57	8/13/24 14:31	0:33	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:24	0.5	0.5	0.5
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:30	0.5	0.5	0.5
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:30	8/13/24 17:00	0:30	0.5	0.5	0.5
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:31	8/14/24 10:30	0:58	1.0	1.0	1.0
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5	0.5	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	0.5	0.5
South, Gerald	Credits Requested: PDHs				5.5	3.5	9.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:14	8/13/24 11:49	0:35	0.5	0.5	0.5

Sparks, Rachel	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:25	8/13/24 13:54	0:29		0.5	0.5	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	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:02	8/13/24 15:25	0:22	0.5		0.5	0.5
	IDEM Update	8/13/24 15:55	8/13/24 16:27	0:32		0.5	0.5	0.5
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:29	8/13/24 17:00	0:31		0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:28	8/14/24 9:00	0:32	0.5		0.5	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		0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5		0.5	0.5
	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:37	8/14/24 14:30	0:52		1.0	1.0	1.0
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:38	0.5		0.5	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		0.5	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		0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:16	8/15/24 10:47	0:30	0.5		0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25		0.5	0.5	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		0.5	0.5
Credits Requested: PDHs								
				Total Credits Earned	1.5	4.0	5.5	5.5
Welcome & Keynote Address	8/13/24 8:08	8/13/24 9:00	0:51		1.0	1.0	1.0	

Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04		1.0	1.0	1.0
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5		0.5	0.5
In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:49	0:40	0.5		0.5	0.5
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	0.5	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	0.5	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		0.5	0.5
IDEM Update	8/13/24 15:54	8/13/24 16:27	0:33		0.5	0.5	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	0.5	0.5

Spieth, Adam

Credits Requested: PDHs			Total Credits Earned	4.5	5.0	9.5	9.5
Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:13		1.0	1.0	1.0
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:04		1.0	1.0	1.0
Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5		0.5	0.5
Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:23	8/13/24 13:54	0:30		0.5	0.5	0.5
Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:58	8/13/24 15:28	0:30		0.5	0.5	0.5
SRF Basics	8/13/24 15:56	8/13/24 16:29	0:33		0.5	0.5	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	0.5	0.5
Mastering the Art of Master Planning	8/14/24 7:58	8/14/24 9:00	1:01	1.0		1.0	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:29	0.5	0.5	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	0.5	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	0.5	0.5
	Critical Crossing: Gravity Sewer under a Ditch, Railroad, and State Road in Greendale, Indiana	8/14/24 14:05	8/14/24 14:32	0:26	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:59	8/14/24 16:25	0:25	0.5	0.5	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	0.5	0.5
Sporleder, Joshua	Credits Requested: Wastewater			Total Credits Earned	8.5	2.0	10.5
	Welcome & Keynote Address	8/13/24 7:56	8/13/24 9:00	1:03	1.0	1.0	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	0.5	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	0.5	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:30	0:28	0.5	0.5	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	0.5	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	1.0	1.0
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	0.5
	Transforming Compliance Using Collaborative Technology	8/14/24 16:29	8/14/24 16:57	0:28	0.5	0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:59	8/15/24 8:30	0:30	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:35	8/15/24 9:06	0:31	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:18	8/15/24 10:47	0:29	0.5	0.5	0.5
Staman, Payton	Credits Requested:				1.5	2.0	3.5
							3.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:15	1:05		1.0	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		0.5
Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:54	0:30		0.5	0.5	

	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:59	8/13/24 15:26	0:26	0.5	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:01	8/13/24 15:25	0:24	0.5	0.5	0.5	
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:32		0.5	0.5	
Stanford, Steven								
	Credits Requested: Wastewater				Total Credits Earned	9.0	4.0	13.0
	Welcome & Keynote Address	8/13/24 7:45	8/13/24 9:00	1:14		1.0	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		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		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	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	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		1.0	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:26	0:29	0.5		0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5		0.5	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:24	8/14/24 10:00	0:35	0.5		0.5	
	Challenges In The Field	8/14/24 10:04	8/14/24 10:57	0:53	1.0		1.0	
	21ST Century FOG Management	8/14/24 13:22	8/14/24 14:00	0:37	0.5		0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5		0.5	
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:16	8/14/24 16:15	0:58	1.0		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		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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:30	8/15/24 9:06	0:36	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:31	0.5	0.5	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	1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25	0.5	0.5	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	0.5	0.5	
Starr, Matt	Credits Requested:		Total Credits Earned		2.5	0.0	2.5	2.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:54	8/14/24 8:23	0:28	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:31	8/14/24 9:00	0:29	0.5	0.5	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	0.5	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	0.5	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:28	8/14/24 14:00	0:32	0.5	0.5	0.5	
Staton, Kevin	Credits Requested: PDHs		Total Credits Earned		5.5	4.0	9.5	9.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:29	8/13/24 13:57	0:27	0.5	0.5	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	0:28	0.5	0.5	0.5
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 14:58	8/13/24 15:27	0:29	0.5	0.5	0.5
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:58	8/13/24 16:56	0:57	1.0	1.0	1.0
	Challenges In The Field	8/14/24 10:01	8/14/24 10:57	0:56	1.0	1.0	1.0
	Ethics in Engineering	8/14/24 13:28	8/14/24 14:30	1:02	1.0	1.0	1.0
	Indiana Law and Statutes	8/14/24 15:13	8/14/24 16:22	1:08	1.0	1.0	1.0
	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:31	8/14/24 16:58	0:26	0.5	0.5	0.5
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:51	8/15/24 8:30	0:39	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:29	8/15/24 9:06	0:37	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	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	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:32	0.5	0.5	0.5
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:26	8/15/24 11:56	0:29	0.5	0.5	0.5
Steele, Shawn	Credits Requested: Wastewater			Total Credits Earned	8.5	4.0	12.5
	Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:13	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05	1.0	1.0	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	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:31	0:29	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5	0.5	0.5
	IDEM Update	8/13/24 15:59	8/13/24 16:27	0:28	0.5	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:26	0:26	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:02	0:36	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:57	8/15/24 8:30	0:33	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:32	8/15/24 9:01	0:28	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:11	8/15/24 9:38	0:26	0.5	0.5	0.5
	Basics of pH	8/15/24 9:43	8/15/24 10:15	0:32	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:30	0.5	0.5	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	1.0	1.0
Stehno, Edward							
	Credits Requested: Wastewater, PDHs				8.0	6.0	14.0
	Total Credits Earned						14.0
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05	1.0	1.0	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	1.0	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	0.5	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	0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:55	8/13/24 16:28	0:32		0.5	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	0.5
	Out In The Field Not In A Book	8/14/24 7:56	8/14/24 8:57	1:01	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:29	8/14/24 10:00	0:31	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:01	8/14/24 10:57	0:56	1.0	1.0	1.0
	Ethics in Engineering	8/14/24 13:27	8/14/24 14:30	1:03		1.0	1.0
	Indiana Law and Statutes	8/14/24 15:19	8/14/24 16:22	1:03		1.0	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	0.5	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:56	8/15/24 8:30	0:34		0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:30	8/15/24 9:10	0:39		0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:12	8/15/24 9:40	0:27	0.5	0.5	0.5
	Basics of pH	8/15/24 9:43	8/15/24 10:15	0:32	0.5	0.5	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	1.0	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	0.5	0.5
Stein, Eli	Credits Requested:		Total Credits Earned	0.0	2.0	2.0	2.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:25	8/13/24 13:54	0:29		0.5	0.5

	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:58	8/13/24 15:28	0:30	0.5	0.5	0.5
	SRF Basics	8/13/24 15:56	8/13/24 16:29	0:32	0.5	0.5	0.5
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:30	8/13/24 17:00	0:30	0.5	0.5	0.5
Steinman, Andrew	Credits Requested:				6.5	3.5	10.0
	Total Credits Earned						10.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:31	8/13/24 11:10	0:38	0.5	0.5	0.5
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:54	0:30		0.5	0.5
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:56	8/13/24 14:31	0:35		0.5	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	0.5	0.5
	SRF Basics	8/13/24 15:35	8/13/24 16:29	0:54		0.5	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	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:05	8/14/24 8:25	0:19	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0:37	0.5	0.5	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	0.5	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	0.5	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	0.5	
	Emergency Preparedness and Procedures	8/15/24 8:36	8/15/24 9:10	0:33		0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:11	8/15/24 9:40	0:29	0.5	0.5	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:47	0:34	0.5	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:32		0.5	0.5	
	UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant	8/15/24 11:21	8/15/24 11:57	0:35	0.5	0.5	0.5	
Steinman, Eric								
	Credits Requested: PDHs	Total Credits Earned			2.0	2.0	4.0	4.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:31	8/14/24 10:00	0:28	0.5	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:32	0.5	0.5	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	0.5	0.5	
	Ethics in Engineering	8/14/24 13:15	8/14/24 14:30	1:15		1.0	1.0	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:39	0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28		0.5	0.5	

	Leading Change	8/14/24 16:33	8/14/24 16:58	0:24	0.5	0.5	0.5
Stephanoff, Brenda	Credits Requested:				2.5	0.0	2.5
	Total Credits Earned						2.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:36	8/13/24 11:41	1:05	1.0	1.0	1.0
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:54	8/13/24 16:56	1:01	1.0	1.0	1.0
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:18	8/14/24 15:55	0:37	0.5	0.5	0.5
Steury, Tyler	Credits Requested:				7.5	2.5	10.0
	Total Credits Earned						10.0
	Welcome & Keynote Address	8/13/24 7:46	8/13/24 9:00	1:13	1.0	1.0	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	1.0	1.0
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:31	0:27	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:28	0.5	0.5	0.5
	IDEM Update	8/13/24 15:59	8/13/24 16:28	0:28	0.5	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:26	0:26	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:02	0:36	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:57	8/15/24 8:30	0:32	0.5	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:06	0:34	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:29	0.5	0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5

	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:30	0.5	0.5	0.5
Stevens, Dewayne	Credits Requested: Wastewater				9.5	4.5	14.0
							14.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	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		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		0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:31	0:26	0.5		0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:29	0.5		0.5
	IDEM Update	8/13/24 15:57	8/13/24 16:28	0:31		0.5	0.5
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:31		0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:51	8/14/24 8:26	0:34	0.5		0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5		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		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	1.0
	50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:02	0:36	0.5		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		0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5		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		0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:50	8/15/24 8:30	0:40	0.5		0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:39	1:05	1.0		1.0
	Back to Basics: Review of UV Disinfection	8/15/24 8:35	8/15/24 9:06	0:31	0.5		0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5		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	0.5	0.5		
	Sustained 60 MGD? Sure, why not!	8/15/24 10:19	8/15/24 10:47	0:27	0.5	0.5	0.5		
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:58	8/15/24 11:25	0:27	0.5	0.5	0.5		
Stewart, Briyana	Credits Requested:				Total Credits Earned	1.0	1.5	2.5	2.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	0.5		
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:10	8/13/24 11:49	0:38	0.5	0.5	0.5		
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:31	0:27	0.5	0.5	0.5		
	SRF Basics	8/13/24 15:27	8/13/24 16:29	1:01	0.5	0.5	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	0.5	0.5		
	Stopher, Brenda	Credits Requested: Wastewater				Total Credits Earned	5.5	2.5	8.0
Operator Certification Update		8/13/24 10:31	8/13/24 11:07	0:35	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5		
IDEM Update		8/13/24 15:56	8/13/24 16:28	0:31	0.5	0.5	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	0.5	0.5		
Out In The Field Not In A Book		8/14/24 8:00	8/14/24 8:57	0:56	1.0	1.0	1.0		
Water Treatment Regulatory Terms & Definitions		8/14/24 9:27	8/14/24 10:00	0:33	0.5	0.5	0.5		
Challenges In The Field		8/14/24 10:03	8/14/24 10:57	0:54	1.0	1.0	1.0		

	21ST Century FOG Management	8/14/24 13:16	8/14/24 14:00	0:43	0.5	0.5	0.5		
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5	0.5	0.5		
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:15	1:00	1.0	1.0	1.0		
	Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:58	0:36	0.5	0.5	0.5		
Stoughton, Ryan	Credits Requested: PDHs				Total Credits Earned	0.5	1.0	1.5	1.5
	Ten Gallons of Pump Station in	8/14/24 16:30	8/14/24 16:58	0:27	0.5		0.5	0.5	
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:41	8/15/24 10:50	1:08		1.0	1.0	1.0	
Stout, Kevin	Credits Requested: Wastewater				Total Credits Earned	4.0	1.0	5.0	5.0
	Fail	8/13/24 10:34	8/13/24 11:41	1:07	1.0		1.0	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		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:31	0:29	0.5		0.5	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		0.5	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		1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 10:00	0:26	0.5		0.5	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	1.0	1.0	
Strehl, Joe	Credits Requested:				Total Credits Earned	0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01		1.0	1.0	1.0	
Strong, Aaron	Credits Requested:				Total Credits Earned	2.0	0.0	2.0	2.0
	Challenges of Rehabilitating a	8/14/24 7:51	8/14/24 8:23	0:31	0.5		0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:31	8/14/24 9:00	0:29	0.5		0.5	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		0.5	0.5	

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:26	8/14/24 14:00	0:33	0.5	0.5	0.5
Strunk, Zachary	Credits Requested: Wastewater			Total Credits Earned	4.0	1.0	5.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:51	8/14/24 8:23	0:31	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:02	0:36	0.5	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	0.5	0.5
Sucharitakul, Andy	Credits Requested: PDHs			Total Credits Earned	4.0	3.5	7.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:34		0.5	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	0.5	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	0.5	0.5
	SRF Basics	8/13/24 15:55	8/13/24 16:29	0:33		0.5	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	0.5

	Mastering the Art of Master Planning	8/14/24 7:59	8/14/24 9:00	1:01	1.0	1.0	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	1.0	
	Ethics in Engineering	8/14/24 13:27	8/14/24 14:30	1:03		1.0	1.0	
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:58	8/14/24 16:26	0:28	0.5		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		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		0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:47	0:34	0.5		0.5	
Sullivan, Elijah								
	Credits Requested:	Total Credits Earned			4.5	2.5	7.0	7.0
	Welcome & Keynote Address	8/13/24 7:47	8/13/24 9:00	1:12		1.0	1.0	
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:34	8/13/24 11:10	0:35	0.5		0.5	
	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		0.5	
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:23	8/13/24 13:54	0:30		0.5	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		0.5	
	SRF Basics	8/13/24 15:52	8/13/24 16:29	0:36		0.5	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	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:28	8/14/24 9:00	0:32	0.5		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		0.5	

	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5		
	50 Years Later and SND Still Works	8/14/24 13:33	8/14/24 14:02	0:28	0.5	0.5	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	0.5	0.5		
Summers, Wes	Credits Requested: Wastewater				Total Credits Earned	1.5	1.5	3.0	3.0
	Tips for Labs that you may not know	8/15/24 7:56	8/15/24 8:30	0:34	0.5	0.5	0.5		
	Back to Basics: Review of UV Disinfection	8/15/24 8:34	8/15/24 9:06	0:31	0.5	0.5	0.5		
	Flexing Your Procurement Muscle	8/15/24 9:09	8/15/24 9:38	0:28	0.5	0.5	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	1.0	1.0	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25		0.5	0.5	0.5	
Swanson, Caden	Credits Requested: PDHs				Total Credits Earned	3.5	5.0	8.5	8.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	1.0	
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5		
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:10	8/13/24 11:49	0:39	0.5	0.5	0.5		
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:54	0:30		0.5	0.5	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	0.5	0.5	

	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:00	8/13/24 15:25	0:25	0.5	0.5	0.5		
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:58	8/13/24 16:56	0:58	1.0	1.0	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	0.5	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	1.0	1.0		
	Ethics in Engineering	8/14/24 13:24	8/14/24 14:30	1:06	1.0	1.0	1.0		
	Indiana Law and Statutes	8/14/24 15:17	8/14/24 16:22	1:05	1.0	1.0	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	0.5	0.5		
Taylor, Bryce	Credits Requested: PDHs			Total Credits Earned		4.0	0.0	4.0	4.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:31	8/14/24 10:00	0:28	0.5	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:20	8/14/24 15:55	0:35	0.5	0.5	0.5		
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 16:00	8/14/24 16:26	0:25	0.5	0.5	0.5		
	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:31	8/14/24 16:58	0:26	0.5	0.5	0.5		
Teague, Philip	Credits Requested: PDHs			Total Credits Earned		0.5	0.0	0.5	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	0.5	0.5		
Tennis, Dave	Credits Requested:				Total Credits Earned	2.0	0.0	2.0	2.0
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	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	0.5	0.5		
	UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant	8/15/24 11:21	8/15/24 11:57	0:35	0.5	0.5	0.5		
Terry, Jake	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	0.5		
Terry, Josh	Credits Requested:				Total Credits Earned	2.5	0.0	2.5	2.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:30	8/14/24 10:00	0:29	0.5	0.5	0.5		
	Challenges In The Field	8/14/24 10:07	8/14/24 10:58	0:50	1.0	1.0	1.0		
	21ST Century FOG Management	8/14/24 13:21	8/14/24 14:00	0:38	0.5	0.5	0.5		
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5		
Teusch, Joe	Credits Requested: PDHs				Total Credits Earned	1.5	2.0	3.5	3.5
	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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:29	8/15/24 9:06	0:37	0.5	0.5	0.5		
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:30	0.5	0.5	0.5		
	City of Kalamazoo's Holistic Approach to Selecting New Process Technologies	8/15/24 9:41	8/15/24 10:50	1:08		1.0	1.0	1.0	

	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25	0.5	0.5	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	0.5	0.5
THEODOROU, BOB	Credits Requested: Wastewater				10.0	3.0	13.0
	Total Credits Earned						13.0
	Welcome & Keynote Address	8/13/24 7:51	8/13/24 9:00	1:08		1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:34	8/13/24 11:41	1:07	1.0		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		0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:31	0:28	0.5		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		0.5
	IDEM Update	8/13/24 15:54	8/13/24 16:28	0:34		0.5	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	0.5
	Out In The Field Not In A Book	8/14/24 8:02	8/14/24 8:57	0:55	1.0		1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:30	8/14/24 10:00	0:30	0.5		0.5
	Challenges In The Field	8/14/24 10:04	8/14/24 10:58	0:53	1.0		1.0
	21ST Century FOG Management	8/14/24 13:27	8/14/24 14:00	0:33	0.5		0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5		0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:15	1:01	1.0		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		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		0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:59	8/15/24 8:30	0:30	0.5		0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:01	0:28		0.5	0.5

	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:31	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:47	0:35	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:55	8/15/24 11:25	0:30		0.5	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	0.5	0.5
Thielka, Tim	Credits Requested:				5.5	5.5	11.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:38	8/13/24 11:10	0:31	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:12	8/13/24 11:49	0:37	0.5	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:35		0.5	0.5
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:31	0:29		0.5	0.5
	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	0.5	0.5
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:32		0.5	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	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	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:31	8/14/24 9:00	0:29	0.5	0.5	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	0.5	0.5

	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5	0.5	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 10:32	8/14/24 11:05	0:33	0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:30	8/14/24 14:30	1:00		1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:12	8/14/24 16:22	1:10		1.0	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	0.5	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	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:06	0:38	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	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	1.0	
Thomas, Carolyn								
	Credits Requested:	Total Credits Earned			0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 7:50	8/13/24 9:00	1:09		1.0	1.0	
Thompson, Andrew								
	Credits Requested: PDHs	Total Credits Earned			5.0	0.0	5.0	5.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:55	8/14/24 8:23	0:27	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5	

	50 Years Later and SND Still Works	8/14/24 13:29	8/14/24 14:02	0:32	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:38	0.5	0.5	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	0.5	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	0.5	0.5
Thompson, Chip							
	Credits Requested:		Total Credits Earned	0.0	1.0	1.0	1.0
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:59	8/13/24 15:28	0:29	0.5	0.5	0.5
	SRF Basics	8/13/24 16:04	8/13/24 16:30	0:25	0.5	0.5	0.5
Thompson, Jarrett							
	Credits Requested: Wastewater		Total Credits Earned	6.5	1.0	7.5	7.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:30	8/13/24 11:42	1:11	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:31	0:27	0.5	0.5	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	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:57	8/14/24 8:26	0:29	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5	0.5	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	0.5	0.5

	Wastewater Challenge Demonstration	8/14/24 16:29	8/14/24 16:55	0:26	0.5	0.5	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	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:36	8/15/24 9:39	1:03	1.0	1.0	1.0
Thompson, Kimberly							
	Credits Requested: Wastewater			Total Credits Earned	5.0	2.0	7.0
	Welcome & Keynote Address	8/13/24 7:54	8/13/24 9:00	1:05	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05	1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:44	8/13/24 11:41	0:57	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:02	8/13/24 14:31	0:28	0.5	0.5	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	0.5	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	1.0	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	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5	0.5	0.5
Tice, Steve							
	Credits Requested: Wastewater			Total Credits Earned	6.0	5.5	11.5
	Welcome & Keynote Address	8/13/24 8:01	8/13/24 9:00	0:58	1.0	1.0	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	0.5	0.5
	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	0.5	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	0.5	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	0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:55	8/13/24 16:28	0:32		0.5	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	0.5
	Mastering the Art of Master Planning	8/14/24 7:54	8/14/24 9:00	1:05	1.0	1.0	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	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	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	1.0
	Tips for Labs that you may not know	8/15/24 7:55	8/15/24 8:30	0:34	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:35	8/15/24 9:01	0:26		0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:06	8/15/24 9:38	0:31	0.5	0.5	0.5
	Basics of pH	8/15/24 9:47	8/15/24 10:15	0:28	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:30	0.5	0.5	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	1.0	1.0
Tittle, Piper	Credits Requested:				5.0	4.0	9.0
	Welcome & Keynote Address	8/13/24 8:07	8/13/24 9:00	0:52		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	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	0.5	0.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:33	8/13/24 14:01	0:28		0.5	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	0.5
	IDEM Update	8/13/24 15:53	8/13/24 16:28	0:34		0.5	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	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	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	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:53	8/14/24 16:26	0:32	0.5	0.5	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	0.5	0.5
TONK, ERIC	Credits Requested:		Total Credits Earned	0.5	1.0	1.5	1.5
	Welcome & Keynote Address	8/13/24 7:52	8/13/24 9:00	1:08	1.0	1.0	1.0

	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:58	8/14/24 16:26	0:27	0.5	0.5	0.5
Towell, Garrett	Credits Requested: Wastewater				9.0	3.5	12.5
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05	1.0	1.0	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	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:31	0:27	0.5	0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:57	8/13/24 16:28	0:30	0.5	0.5	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	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	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	0.5	0.5
	21ST Century FOG Management	8/14/24 13:32	8/14/24 14:00	0:28	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:06	0:33	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:11	8/15/24 9:40	0:29	0.5	0.5	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:11	8/15/24 10:47	0:35	0.5	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:56	8/15/24 11:25	0:28	0.5	0.5	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	0.5	0.5	
Trobaugh, Katie								
	Credits Requested:	Total Credits Earned			4.0	1.0	5.0	5.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:34	8/13/24 11:41	1:07	1.0	1.0	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:31	0:29	0.5	0.5	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	0.5	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	1.0	1.0	
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 10:00	0:26	0.5	0.5	0.5	
	Using your data and SCADA for maintenance and savings	8/14/24 10:10	8/14/24 11:01	0:51	1.0	1.0	1.0	
Truemner, Madison								
	Credits Requested: PDHs	Total Credits Earned			6.0	4.0	10.0	10.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05	1.0	1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:35	8/13/24 11:41	1:06	1.0	1.0	1.0	

	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:26	8/13/24 13:57	0:31	0.5	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:31	0:26	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:52	8/13/24 15:25	0:32	0.5	0.5	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	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:54	8/14/24 8:26	0:31	0.5	0.5	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	0.5	0.5
	Using your data and SCADA for maintenance and savings	8/14/24 10:10	8/14/24 11:01	0:51	1.0	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:33	8/14/24 14:02	0:29	0.5	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:37	0.5	0.5	0.5
	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28	0.5	0.5	0.5
	Enhancing the absorption capacity of GAC to remove PFAS from water	8/14/24 16:30	8/14/24 16:55	0:25	0.5	0.5	0.5
Turner, Michael	Credits Requested: Wastewater			Total Credits Earned	9.0	3.5	12.5
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10	1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05	1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:34	8/13/24 11:41	1:07	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:31	0:27	0.5	0.5	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	0.5	0.5

Uhlenhake, Karen	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	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:55	8/14/24 8:26	0:30	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:08	8/14/24 10:35	0:26	0.5	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:28	8/14/24 14:02	0:34	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:56	8/15/24 8:30	0:33	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:36	8/15/24 9:01	0:25	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:07	8/15/24 9:38	0:31	0.5	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:47	0:35	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 11:00	8/15/24 11:25	0:25	0.5	0.5	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	0.5	0.5
	Credits Requested: Wastewater			Total Credits Earned	10.5	2.5	13.0
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	1.0
Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:34	8/13/24 11:41	1:07	1.0		1.0	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	0.5	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	0.5	0.5
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:53	8/13/24 15:25	0:32	0.5	0.5	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	1.0	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	0.5	0.5
Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:32	0.5	0.5	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	0.5	0.5
21ST Century FOG Management	8/14/24 13:23	8/14/24 14:00	0:36	0.5	0.5	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	0.5	0.5
Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	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	0.5	0.5
Ultra-Low Phosphorus Limits	8/15/24 8:01	8/15/24 8:30	0:28	0.5	0.5	0.5
Back to Basics: Review of UV Disinfection	8/15/24 8:33	8/15/24 9:06	0:33	0.5	0.5	0.5
Primary Clarifier Sludge and Scum	8/15/24 9:07	8/15/24 9:40	0:32	0.5	0.5	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	0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:18	8/15/24 10:47	0:29	0.5	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31	0.5	0.5	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	0.5	0.5	
Upendrakumar, KC "Kumar"								
	Credits Requested: PDHs	Total Credits Earned			9.5	4.5	13.5	13.5
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:40	8/13/24 11:41	1:00	1.0		1.0	1.0
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:34	8/13/24 14:00	0:26	0.5		0.0	0.0
	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	0:28	0.5		0.5	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		0.5	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 16:56	0:58	1.0		1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 8:00	8/14/24 8:26	0:26	0.5		0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:33	0.5		0.5	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		0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:31	8/14/24 14:02	0:30	0.5		0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:43	8/14/24 15:55	0:11		0.0	0.0
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:26		0.5	0.5
	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:54	8/15/24 8:30	0:35	0.5	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:32	8/15/24 9:10	0:38		0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:17	8/15/24 10:47	0:29	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25		0.5	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	0.5	0.5
Urban, Derek							
	Credits Requested: PDHs				2.0	2.5	4.5
	Total Credits Earned						4.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:29	8/14/24 9:00	0:31	0.5	0.5	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	0.5	0.5
	Using your data and SCADA for maintenance and savings	8/14/24 10:03	8/14/24 11:01	0:57		1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:28	8/14/24 14:02	0:34	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:17	8/14/24 15:55	0:37		0.5	0.5

	Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28	0.5	0.5	0.5
	Leading Change	8/14/24 16:30	8/14/24 16:58	0:28	0.5	0.5	0.5
Van Damme, Morgan							
	Credits Requested:		Total Credits Earned		1.5	0.0	1.5
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:33	8/14/24 10:00	0:27	0.5	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:28	0.5	0.5	0.5
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:38	8/14/24 14:04	0:26	0.5	0.5	0.5
Vanderford, Kyle							
	Credits Requested:		Total Credits Earned		0.0	0.5	0.5
	IDEM Update	8/13/24 16:02	8/13/24 16:28	0:25	0.5	0.5	0.5
Vankayala, Praveen							
	Credits Requested: PDHs		Total Credits Earned		4.5	2.0	6.5
	Welcome & Keynote Address	8/13/24 8:08	8/13/24 9:00	0:51	1.0	1.0	1.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:35	8/13/24 11:10	0:34	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:09	8/13/24 11:49	0:40	0.5	0.5	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	0.5	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 14:31	0:31	0.5	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 15:03	8/13/24 15:28	0:25	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:31	8/14/24 9:00	0:29	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5	0.5	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	0.5	0.5	
	21ST Century FOG Management	8/14/24 13:30	8/14/24 14:00	0:29	0.5	0.5	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	0.5	0.5	
VanProoyen, Randy								
	Credits Requested:	Total Credits Earned			3.5	1.0	4.5	4.5
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11		1.0	1.0	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:31	0:30	0.5	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:30	0.5	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:15	8/14/24 15:55	0:40	0.5	0.5	0.5	
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 16:00	8/14/24 16:26	0:25	0.5	0.5	0.5	
	Ultra-Low Phosphorus Limits	8/15/24 7:55	8/15/24 8:30	0:35	0.5	0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:33	8/15/24 9:39	1:05	1.0	1.0	1.0	
VanSickle, Richard								
	Credits Requested: Wastewater	Total Credits Earned			9.0	1.0	10.0	10.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:26	8/13/24 11:42	1:15	1.0	1.0	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:31	0:30	0.5	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:57	8/13/24 15:25	0:28	0.5	0.5	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	1.0	1.0	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:26	0:30	0.5	0.5	0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:26	8/14/24 9:00	0:33	0.5	0.5	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	0.5	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	1.0		
	50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:02	0:37	0.5	0.5	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	0.5	0.5		
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	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	0.5	0.5		
	Ultra-Low Phosphorus Limits	8/15/24 7:49	8/15/24 8:30	0:41	0.5	0.5	0.5		
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:07	1.0	1.0	1.0		
Vasell, John	Credits Requested:				Total Credits Earned	0.5	0.0	0.5	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	0.5	0.5		
VAUGHN, BRIAN	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	2.0	1.0	3.0	3.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:56	8/14/24 8:26	0:29	0.5	0.5	0.5		
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	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	0.5	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	1.0		
	50 Years Later and SND Still Works	8/14/24 13:28	8/14/24 14:02	0:33	0.5	0.5	0.5		
Velasco, Manuel	Credits Requested: PDHs				Total Credits Earned	1.0	2.0	3.0	3.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:30	8/13/24 11:10	0:39	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:57	8/13/24 15:25	0:28	0.5	0.5	0.5
	IDEM Update	8/13/24 15:59	8/13/24 16:28	0:28	0.5	0.5	0.5
Velazuquez, Ruben	Credits Requested:		Total Credits Earned	4.5	0.5	5.0	5.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:57	8/14/24 8:23	0:25	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:05	8/14/24 10:35	0:29	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:59	8/14/24 16:26	0:26	0.5	0.5	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	0.5	0.5
Verlezza, Jeff							

	Credits Requested:		Total Credits Earned		0.5	0.0	0.5	0.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:28	8/13/24 13:57	0:28	0.5		0.5	0.5
Vigil, Cristina	Credits Requested: Wastewater		Total Credits Earned		10.5	1.0	11.5	11.5
Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:40	8/13/24 11:42	1:01	1.0		1.0	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		0.5	0.5	
Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:31	0:27	0.5		0.5	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		0.5	0.5	
IDEM Update	8/13/24 15:57	8/13/24 16:28	0:30		0.5	0.5	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	0.5	0.5	
Out In The Field Not In A Book	8/14/24 8:02	8/14/24 8:57	0:55	1.0		1.0	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		0.5	0.5	
North Interceptor Sewer - Danville, IN	8/14/24 10:06	8/14/24 10:35	0:29	0.5		0.5	0.5	
Challenges In The Field	8/14/24 10:08	8/14/24 10:59	0:50	1.0		1.0	1.0	
21ST Century FOG Management	8/14/24 13:29	8/14/24 14:00	0:31	0.5		0.5	0.5	
IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:06	8/14/24 14:35	0:28	0.5		0.5	0.5	
Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:24	8/14/24 16:15	0:50	1.0		1.0	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		0.5	0.5	
Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:06	0:34	0.5		0.5	0.5	
Primary Clarifier Sludge and Scum	8/15/24 9:12	8/15/24 9:40	0:27	0.5		0.5	0.5	
A case for better lab results	8/15/24 10:19	8/15/24 10:47	0:28	0.5		0.5	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	1.0	1.0		
Villalobos-Lopez, Maritza	Credits Requested:				Total Credits Earned	2.0	1.5	3.5	3.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	1.0	
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:32	8/13/24 11:42	1:10	1.0		1.0	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		0.5	0.5	
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 15:01	8/13/24 15:27	0:26	0.5		0.5	0.5	
	IDEM Update	8/13/24 15:53	8/13/24 16:28	0:34		0.5	0.5	0.5	
Viswanathan, Sudhakar	Credits Requested:				Total Credits Earned	2.0	0.0	2.0	2.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:30	8/13/24 11:41	1:11	1.0		1.0	1.0	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:19	8/13/24 13:57	0:38	0.5		0.5	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	0:28	0.5		0.5	0.5	
Wagner, Mike	Credits Requested: Wastewater				Total Credits Earned	1.0	1.5	2.5	2.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:39	8/13/24 11:41	1:02	1.0		1.0	1.0	
	IDEM Update	8/13/24 15:54	8/13/24 16:28	0:33		0.5	0.5	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	0.5	0.5	
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30		0.5	0.5	0.5	
Walker, Allison	Credits Requested:				Total Credits Earned	1.0	1.0	2.0	2.0
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:55	8/13/24 15:28	0:33		0.5	0.5	0.5	

	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:59	8/13/24 15:26	0:27	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:01	8/13/24 15:25	0:24	0.5	0.5	0.5
	SRF Basics	8/13/24 15:57	8/13/24 16:29	0:32		0.5	0.5
Walker, Brent	Credits Requested: Wastewater						
				Total Credits Earned	9.5	2.5	12.0
							12.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:30	8/13/24 11:42	1:11	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:32	0:28	0.5	0.5	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	0.5	0.5
	IDEM Update	8/13/24 15:50	8/13/24 16:28	0:37		0.5	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	0.5
	Out In The Field Not In A Book	8/14/24 7:50	8/14/24 8:57	1:07	1.0	1.0	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	0.5	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	1.0
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:02	0:36	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	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	0.5	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	0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:49	8/15/24 8:30	0:40	0.5	0.5	0.5

	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:07	1.0	1.0	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	0.5	0.5		
	Sustained 60 MGD? Sure, why not!	8/15/24 10:10	8/15/24 10:47	0:37	0.5	0.5	0.5		
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:32	0.5	0.5	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	0.5	0.5		
Walker, Brian									
	Credits Requested:				Total Credits Earned	5.5	3.0	8.5	8.5
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:34		0.5	0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:31	0:28		0.5	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:02	8/13/24 15:25	0:23	0.5		0.5	0.5	
	IDEM Update	8/13/24 15:54	8/13/24 16:28	0:34		0.5	0.5	0.5	
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:56	8/14/24 8:23	0:26	0.5		0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5		0.5	0.5	
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:38	8/14/24 10:05	0:26	0.5		0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:33	0.5		0.5	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		0.5	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		0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	0.5	
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:59	8/14/24 16:26	0:26	0.5	0.5	0.5	
	Wastewater Challenge Demonstration	8/14/24 16:30	8/14/24 16:55	0:24	0.5	0.5	0.5	
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 8:03	8/15/24 8:30	0:27	0.5	0.5	0.5	
	Emergency Preparedness and Procedures	8/15/24 8:30	8/15/24 9:10	0:39	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	0.5	
Wallace, Michael								
	Credits Requested: Wastewater	Total Credits Earned			7.5	0.5	8.0	8.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:41	1:12	1.0	1.0	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:03	8/13/24 14:32	0:28	0.5	0.5	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	0.5	0.5	
	IDEM Update	8/13/24 15:53	8/13/24 16:28	0:34	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5	
	21ST Century FOG Management	8/14/24 13:24	8/14/24 14:00	0:35	0.5	0.5	0.5	
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5	

	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:16	8/14/24 16:15	0:59	1.0	1.0	1.0	
	Back to Basics: Review of UV Disinfection	8/15/24 8:29	8/15/24 9:07	0:37	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5	0.5	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	0.5	0.5	
Walters, Ryan	Credits Requested:		Total Credits Earned		1.0	0.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:36	8/13/24 11:41	1:05	1.0	1.0	1.0	
Wamsley, Pete	Credits Requested:		Total Credits Earned		1.0	2.5	3.5	3.5
	Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:37	8/14/24 10:30	0:52		1.0	1.0	1.0
	Ethics in Engineering	8/14/24 13:30	8/14/24 14:30	0:59		1.0	1.0	1.0
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:14	8/14/24 15:55	0:41	0.5	0.5	0.5	
	Getting the Next Generation Excited about Wastewater	8/14/24 15:58	8/14/24 16:25	0:26		0.5	0.5	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	0.5	0.5	
Ware, Jordan	Credits Requested:		Total Credits Earned		1.0	0.0	1.0	1.0
	Pipes, Prints and Prototypes: Exploring 3D Printing Potential in Wastewater Laboratories	8/15/24 10:58	8/15/24 11:55	0:56	1.0	1.0	1.0	
Washington, Tara	Credits Requested: Wastewater		Total Credits Earned		2.0	4.5	6.5	6.5
	Welcome & Keynote Address	8/13/24 7:57	8/13/24 9:00	1:02		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	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	0.5	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	0.5	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	1.0	1.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:19	8/14/24 15:55	0:35	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:33	8/15/24 9:01	0:27	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:06	8/15/24 9:37	0:30	0.5	0.5	0.5
	Basics of pH	8/15/24 9:45	8/15/24 10:15	0:30	0.5	0.5	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	0.5	0.5
Watkins, Scot	Credits Requested: Wastewater						
	Total Credits Earned			4.5	1.0	5.5	5.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:26	8/13/24 11:42	1:15	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:00	8/13/24 14:32	0:31	0.5	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:54	8/14/24 8:26	0:32	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:26	8/14/24 14:02	0:36	0.5	0.5	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	0.5	0.5
Watson, Joshua	Credits Requested: Wastewater						
	Total Credits Earned			4.5	0.0	4.5	4.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:57	8/14/24 8:26	0:29	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5
	21ST Century FOG Management	8/14/24 13:17	8/14/24 14:00	0:42	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:15	1:01	1.0	1.0	1.0
Weaver, Jason	Credits Requested: Wastewater				10.0	4.0	14.0
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10		1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	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		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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:32	0:27	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:50	8/13/24 15:25	0:34	0.5	0.5	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	1.0	1.0
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:52	8/14/24 8:26	0:34	0.5	0.5	0.5
	Benefits of Big Bubble Mixing	8/14/24 8:28	8/14/24 9:00	0:31	0.5	0.5	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	0.5	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	1.0

	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:02	0:36	0.5	0.5	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	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	0.5
	Wastewater Challenge Demonstration	8/14/24 16:27	8/14/24 16:55	0:28		0.5	0.5
	Ultra-Low Phosphorus Limits	8/15/24 7:49	8/15/24 8:30	0:41	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:07	1.0	1.0	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:47	0:34	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:53	8/15/24 11:25	0:31		0.5	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	0.5	0.5
Webb, Dr. Bryan							
	Credits Requested: Wastewater			Total Credits Earned	3.0	1.0	4.0
	3.0						4.0
	Welcome & Keynote Address	8/13/24 7:55	8/13/24 9:00	1:04		1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:32	0:30	0.5	0.5	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	0.5	0.5
	Out In The Field Not In A Book	8/14/24 8:00	8/14/24 8:57	0:57	1.0	1.0	1.0
	Water Treatment Regulatory Terms & Definitions	8/14/24 9:27	8/14/24 10:00	0:33	0.5	0.5	0.5
Weber, Jared							
	Credits Requested:			Total Credits Earned	0.5	0.0	0.5
	0.5						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	0.5	0.5

Weber, Samuel							
Credits Requested: PDHs		Total Credits Earned		2.5	2.0	4.5	4.5
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	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		0.5	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		0.5	0.5
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:50	8/14/24 8:23	0:32	0.5		0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:28	8/14/24 9:00	0:32	0.5		0.5	0.5
Rate inequity: are your residents subsidizing the growth in your community?	8/14/24 9:33	8/14/24 10:30	0:57		1.0	1.0	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	0:31	0.5		0.5	0.5
Wehmeyer, Emily							
Credits Requested:		Total Credits Earned		1.0	3.0	4.0	4.0
Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54		1.0	1.0	1.0
Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	1.0
IDEM Update	8/13/24 15:59	8/13/24 16:28	0:29		0.5	0.5	0.5
SRF Basics	8/13/24 15:59	8/13/24 16:29	0:30		0.5	0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:15	8/15/24 10:47	0:31	0.5		0.5	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		0.5	0.5
Weidenbenner, Whitney							
Credits Requested: PDHs		Total Credits Earned		2.0	1.0	3.0	3.0
PFAS Regulations Impact on the Future of Land Application	8/13/24 13:23	8/13/24 13:57	0:33	0.5		0.5	0.5
Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:01	8/13/24 15:25	0:24	0.5		0.5	0.5
IDEM Update	8/13/24 15:56	8/13/24 16:28	0:31		0.5	0.5	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	0.5	0.5		
	Hydraulic Modeling - What is it good for?	8/14/24 8:32	8/14/24 9:00	0:28	0.5	0.5	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	0.5	0.5		
Weigel, Dick	Credits Requested:				Total Credits Earned	1.5	1.0	2.5	2.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5		
	Ethics in Engineering	8/14/24 13:28	8/14/24 14:30	1:02	1.0	1.0	1.0		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5	0.5	0.5		
	Credits Requested: PDHs				Total Credits Earned	4.5	4.5	9.0	9.0
Welch, Elijah	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:25	8/13/24 13:54	0:29	0.5	0.5	0.5		
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:03	8/13/24 14:31	0:27	0.5	0.5	0.5		
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 15:02	8/13/24 15:25	0:22	0.5	0.5	0.5		
	IDEM Update	8/13/24 15:55	8/13/24 16:28	0:32	0.5	0.5	0.5		
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:29	8/13/24 17:00	0:31	0.5	0.5	0.5		
	Mastering the Art of Master Planning	8/14/24 8:02	8/14/24 9:00	0:58	1.0	1.0	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	1.0	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	0.5	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	0.5	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	0.5	0.5
	Emergency Preparedness and Procedures	8/15/24 8:32	8/15/24 9:10	0:37	0.5	0.5	0.5
	Flexing Your Procurement Muscle	8/15/24 9:12	8/15/24 9:38	0:25	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:09	8/15/24 10:47	0:37	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:59	8/15/24 11:25	0:25	0.5	0.5	0.5
	UPDATED - Emergency Replacement of a Blower During a Planning Project at the Wyoming Clean Water Plant	8/15/24 11:21	8/15/24 11:57	0:35	0.5	0.5	0.5
Wendholt, Kara	Credits Requested:						
				Total Credits Earned	2.0	1.5	3.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:37	8/13/24 11:10	0:32	0.5	0.5	0.5
	Advancing Better Water Policy and Strategies: The Indiana Water Summit and Roadmap	8/13/24 11:13	8/13/24 11:42	0:29	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:26	8/14/24 9:00	0:34	0.5	0.5	0.5
	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	1.0	1.0
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:32	8/14/24 14:00	0:28	0.5	0.5	0.5
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 16:00	8/14/24 16:26	0:25	0.5	0.5	0.5
Wenger, Erin	Credits Requested: PDHs						
				Total Credits Earned	1.5	2.0	3.5

	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:39	8/13/24 11:10	0:30	0.5	0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:10	8/13/24 11:49	0:39	0.5	0.5	0.5	
	Urban Stormwater Retrofit: Case Study of Broad Ripple Avenue in Indianapolis	8/13/24 13:26	8/13/24 14:01	0:34		0.5	0.5	
	Regional Stormwater Detention Basins – Treating urban runoff outside your project	8/13/24 14:02	8/13/24 14:31	0:28		0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:54	8/13/24 15:25	0:31	0.5		0.5	
	SRF Basics	8/13/24 16:00	8/13/24 16:29	0:28		0.5	0.5	
	Forecasting Urban Water Escherichia coli Contamination Using Machine Learning Models	8/13/24 16:27	8/13/24 17:00	0:33		0.5	0.5	
Werbianskyj, Greg	Credits Requested: Wastewater			Total Credits Earned	11.5	2.5	14.0	14.0
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01		1.0	1.0	1.0
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	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		0.5	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	0:37	0.5		0.5	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		0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:32	0:30	0.5		0.5	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		0.0	0.0
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:59	8/13/24 15:25	0:25	0.5		0.5	0.5

WERNER, JEFF	Whole Effluent Toxicity (WET) Testing Requirements for NPDES Permits	8/13/24 15:53	8/13/24 16:55	1:01	1.0	1.0	1.0
	Out In The Field Not In A Book	8/14/24 7:51	8/14/24 8:57	1:06	1.0	1.0	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:25	8/14/24 14:02	0:36	0.5	0.5	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	0.5	0.5
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:13	8/14/24 15:55	0:42	0.5	0.5	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	0.5	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	0.5	0.5
	Tips for Labs that you may not know	8/15/24 7:53	8/15/24 8:30	0:37	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:32	8/15/24 9:01	0:29	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:08	8/15/24 9:40	0:31	0.5	0.5	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	0.5	0.5
	Sustained 60 MGD? Sure, why not!	8/15/24 10:09	8/15/24 10:47	0:38	0.5	0.5	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	1.0	1.0
Credits Requested:				Total Credits Earned	3.0	1.5	4.5

	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:30	8/13/24 11:42	1:11	1.0	1.0	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	0.5	0.5		
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:58	8/13/24 15:25	0:27	0.5	0.5	0.5		
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:59	8/13/24 15:28	0:28		0.5	0.5		
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:59	8/15/24 8:30	0:31		0.5	0.5		
	Emergency Preparedness and Procedures	8/15/24 8:37	8/15/24 9:10	0:32		0.5	0.5		
	Flexing Your Procurement Muscle	8/15/24 9:10	8/15/24 9:37	0:26	0.5	0.5	0.5		
	Basics of pH	8/15/24 9:48	8/15/24 10:15	0:27	0.5	0.5	0.5		
Wessler, Marty									
	Credits Requested: PDHs				Total Credits Earned	2.5	1.5	4.0	4.0
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:28	8/14/24 10:00	0:32	0.5		0.5	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	1.0	1.0	
	50 Years Later and SND Still Works	8/14/24 13:29	8/14/24 14:02	0:32	0.5		0.5	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		0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5		0.5	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		0.5	0.5	
	Leading Change	8/14/24 16:29	8/14/24 16:58	0:29		0.5	0.5	0.5	
Whitaker, Matt									
	Credits Requested:				Total Credits Earned	2.5	0.0	2.5	2.5
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:26	8/13/24 13:57	0:30	0.5		0.5	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	0.5	0.5		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	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	0.5	0.5		
	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:25	8/14/24 16:55	0:29	0.5	0.5	0.5		
White, Amanda	Credits Requested: PDHs				Total Credits Earned	5.5	0.5	6.0	6.0
	WWTP Non-Potable Water Systems – The Neglected Plant Process	8/14/24 9:28	8/14/24 10:00	0:32	0.5	0.5	0.5		
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	0.5		
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5	0.5	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	0.5	0.5		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:19	8/14/24 15:55	0:36	0.5	0.5	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	0.5	0.5		
	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:26	8/14/24 16:55	0:28	0.5	0.5	0.5		
	Back to Basics: Review of UV Disinfection	8/15/24 8:35	8/15/24 9:07	0:31	0.5	0.5	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	0.5	0.5		
	Sustained 60 MGD? Sure, why not!	8/15/24 10:12	8/15/24 10:47	0:34	0.5	0.5	0.5		
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:56	8/15/24 11:25	0:29		0.5	0.5	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	0.5	0.5	
White, Kelly	Credits Requested: PDHs	Total Credits Earned			4.5	2.0	6.5	6.5
	IDEM Update	8/13/24 15:54	8/13/24 16:28	0:34		0.5	0.5	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:49	8/14/24 8:26	0:37	0.5		0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5		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		0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:01	8/14/24 10:35	0:33	0.5		0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5		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		0.5	
	Minges Brook Pump Station - Ten Gallons of Pump Station in a Five Gallon Bucket	8/14/24 16:26	8/14/24 16:55	0:28	0.5		0.5	
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:50	8/15/24 8:30	0:40		0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:07	0:39	0.5		0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:14	8/15/24 9:40	0:25	0.5		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	1.0	
White, Kevin	Credits Requested:	Total Credits Earned			3.5	0.0	3.5	3.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:36	8/13/24 11:42	1:06	1.0		1.0	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:28	0.5		0.5	
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:51	8/14/24 8:23	0:32	0.5		0.5	

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:29	8/14/24 14:00	0:30	0.5	0.5	0.5		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:16	8/14/24 15:55	0:39	0.5	0.5	0.5		
	Use of Pipe Storage System for Sustainable CSO Reduction	8/14/24 15:53	8/14/24 16:26	0:32	0.5	0.5	0.5		
Wichman, David									
	Credits Requested: PDHs				Total Credits Earned	1.5	2.5	4.0	4.0
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:24	8/13/24 13:54	0:29		0.5	0.5	0.5	
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:55	8/13/24 14:31	0:35		0.5	0.5	0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:55	8/13/24 15:28	0:33		0.5	0.5	0.5	
	SRF Basics	8/13/24 15:58	8/13/24 16:29	0:31		0.5	0.5	0.5	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:58	8/14/24 8:26	0:28	0.5		0.5	0.5	
	Benefits of Big Bubble Mixing	8/14/24 8:29	8/14/24 9:00	0:30	0.5		0.5	0.5	
	Optimizing Plant Expansions: A Comprehensive Overview of the Capacity Expansion Project at the Evansville East WWTP Facility	8/15/24 7:50	8/15/24 8:30	0:39		0.5	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:32	8/15/24 9:07	0:34	0.5		0.5	0.5	
Wilhelm, Rick									
	Credits Requested:				Total Credits Earned	3.5	1.0	4.5	4.5
	Welcome & Keynote Address	8/13/24 7:58	8/13/24 9:00	1:01		1.0	1.0	1.0	
	Ultra-Low Phosphorus Limits	8/15/24 7:54	8/15/24 8:30	0:35	0.5		0.5	0.5	
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:34	8/15/24 9:39	1:05	1.0		1.0	1.0	
	Back to Basics: Review of UV Disinfection	8/15/24 8:35	8/15/24 9:07	0:31	0.5		0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:09	8/15/24 9:40	0:30	0.5		0.5	0.5	
	Sustained 60 MGD? Sure, why not!	8/15/24 10:15	8/15/24 10:47	0:32	0.5		0.5	0.5	
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:29	8/15/24 11:56	0:26	0.5		0.5	0.5	

Wilhelm-Olsen, Victoria							
Credits Requested:	Total Credits Earned			1.5	2.5	4.0	4.0
Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5		0.5	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	1.0	1.0
Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:34	8/14/24 11:04	0:29		0.5	0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:31	8/14/24 14:00	0:29	0.5		0.5	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	0:25	0.5		0.5	0.5
A Gen Z Perspective on the Wastewater Industry	8/14/24 15:18	8/14/24 15:55	0:36		0.5	0.5	0.5
Getting the Next Generation Excited about Wastewater	8/14/24 15:57	8/14/24 16:25	0:28		0.5	0.5	0.5
Wilhelmus, Vince							
Credits Requested:	Total Credits Earned			4.0	0.0	4.0	4.0
Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:57	8/14/24 8:23	0:25	0.5		0.5	0.5
Hydraulic Modeling - What is it good for?	8/14/24 8:24	8/14/24 9:00	0:36	0.5		0.5	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		0.5	0.5
North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5		0.5	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		0.5	0.5
Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:28	8/14/24 14:00	0:32	0.5		0.5	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		0.5	0.5

	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:18	8/14/24 15:55	0:36	0.5	0.5	0.5		
Williams, Andrew	Credits Requested: PDHs				Total Credits Earned	3.5	6.0	9.5	9.5
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:05		1.0	1.0	1.0	
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:28	8/13/24 11:42	1:13	1.0		1.0	1.0	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:25	8/13/24 13:57	0:31	0.5		0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:32	0:31	0.5		0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:54	8/13/24 15:25	0:30	0.5		0.5	0.5	
	The Danish story of using low-hanging-fruit to reduce energy, carbon, and resourcesgy and carbon	8/13/24 15:55	8/13/24 15:59	0:03	0.0		0.0	0.0	
	IDEM Update	8/13/24 15:59	8/13/24 16:28	0:28		0.5	0.5	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	0.5	0.5	
	Mastering the Art of Master Planning	8/14/24 7:57	8/14/24 9:00	1:03	1.0		1.0	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	1.0	1.0	
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:30	8/14/24 11:04	0:33		0.5	0.5	0.5	
	Ethics in Engineering	8/14/24 13:23	8/14/24 14:30	1:07		1.0	1.0	1.0	
	Indiana Law and Statutes	8/14/24 15:15	8/14/24 16:22	1:07		1.0	1.0	1.0	
	Wastewater Challenge Demonstration	8/14/24 16:28	8/14/24 16:55	0:27		0.5	0.5	0.5	
Williams, Craig	Credits Requested: Drinking Water, Wastewater				Total Credits Earned	4.0	2.5	6.5	6.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:37	8/13/24 11:42	1:04	1.0		1.0	1.0	
	IDEM Update	8/13/24 15:57	8/13/24 16:28	0:31		0.5	0.5	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	0.5	0.5	
	Challenges In The Field	8/14/24 10:02	8/14/24 10:58	0:55	1.0		1.0	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	0.5	0.5	
	Back to Basics: Review of UV Disinfection	8/15/24 8:31	8/15/24 9:07	0:35	0.5	0.5	0.5	
	Primary Clarifier Sludge and Scum	8/15/24 9:10	8/15/24 9:40	0:29	0.5	0.5	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	1.0	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	1.0	1.0	
Williams, Kenneth s								
	Credits Requested:	Total Credits Earned			0.5	0.0	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:49	8/13/24 15:25	0:35	0.5	0.5	0.5	
Williams, Tracy								
	Credits Requested:	Total Credits Earned			0.0	1.0	1.0	1.0
	Welcome & Keynote Address	8/13/24 8:05	8/13/24 9:00	0:54	1.0	1.0	1.0	
Williams, William (Bill)								
	Credits Requested: Wastewater	Total Credits Earned			4.5	4.0	8.5	8.5
	Welcome & Keynote Address	8/13/24 7:49	8/13/24 9:00	1:10	1.0	1.0	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	1.0	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	0.5	0.5	
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:04	8/13/24 14:32	0:28	0.5	0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:28	0.5	0.5	0.5	
	IDEM Update	8/13/24 15:59	8/13/24 16:28	0:28	0.5	0.5	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	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	1.0	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	0.5	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	1.0	1.0	
	Adaptive mixing and process optimization with energy savings	8/14/24 15:17	8/14/24 15:50	0:33	0.5	0.5	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	0.5	0.5	
Wilson, Brian	Credits Requested: PDHs							
		Total Credits Earned			5.5	0.5	6.0	6.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:38	8/13/24 11:10	0:31	0.5	0.5	0.5	
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:08	8/13/24 11:49	0:41	0.5	0.5	0.5	
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:59	8/13/24 14:31	0:31	0.5	0.5	0.5	
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:51	8/14/24 8:25	0:34	0.5	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:03	8/14/24 10:35	0:31	0.5	0.5	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	0.5	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	0.5	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	0.5	0.5		
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5	0.5	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	0.5	0.5		
Wilson, Don									
	Credits Requested:				Total Credits Earned	4.5	4.0	8.5	8.5
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:30	8/13/24 11:10	0:39	0.5	0.5	0.5		
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:10	8/13/24 11:49	0:39	0.5	0.5	0.5		
	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	0.5	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	0.5	0.5	
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:59	8/13/24 15:26	0:26	0.5	0.5	0.5		
	IDEM Update	8/13/24 15:54	8/13/24 16:28	0:34		0.5	0.5	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	0.5	0.5	
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:53	8/14/24 8:25	0:32	0.5	0.5	0.5		
	Hydraulic Modeling - What is it good for?	8/14/24 8:25	8/14/24 9:00	0:35	0.5	0.5	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	0.5	0.5		
	Challenges In The Field	8/14/24 10:06	8/14/24 10:58	0:51	1.0	1.0	1.0		
	Ethics in Engineering	8/14/24 13:22	8/14/24 14:30	1:08		1.0	1.0	1.0	

	Indiana Law and Statutes	8/14/24 15:20	8/14/24 16:22	1:02	1.0	1.0	1.0	
	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	0.5	0.5	
Wilson, Erin	Credits Requested: Wastewater			Total Credits Earned	2.5	0.0	2.5	2.5
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:28	8/13/24 11:42	1:13	1.0	1.0	1.0	
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:25	8/14/24 10:00	0:34	0.5	0.5	0.5	
	Challenges In The Field	8/14/24 10:06	8/14/24 10:58	0:52	1.0	1.0	1.0	
Winenger, Justin	Credits Requested:			Total Credits Earned	3.5	3.0	6.0	6.0
	Conversion of an underutilized combined sewer to a storm sewer	8/13/24 10:42	8/13/24 11:10	0:27	0.5	0.5	0.5	0.5
	In Case of Emergency: Keeping Stormwater and Traffic Flowing Safely in Indianapolis, Indiana	8/13/24 11:10	8/13/24 11:49	0:39	0.5	0.5	0.5	
	Eliminating the Spreadsheet Safaris: Crafting Calculation Workbooks	8/13/24 13:28	8/13/24 13:54	0:25	0.5	0.5	0.5	
	Communication & Collaboration: How we managed multiple design iterations of a 600,000 storage facility in Indianapolis	8/13/24 13:56	8/13/24 14:31	0:34	0.5	0.5	0.5	
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:55	8/13/24 15:28	0:33	0.5	0.5	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	0.5	0.5	
	Hydraulic Modeling - What is it good for?	8/14/24 8:31	8/14/24 9:00	0:29	0.5	0.5	0.5	
	North Interceptor Sewer - Danville, IN	8/14/24 10:02	8/14/24 10:35	0:33	0.5	0.5	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	0.5	0.5	

	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:33	8/14/24 14:00	0:27	0.5	0.5	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	0.5	0.5
	Indiana Law and Statutes	8/14/24 15:16	8/14/24 15:18	0:02		0.0	0.0
	A Gen Z Perspective on the Wastewater Industry	8/14/24 15:19	8/14/24 15:55	0:35		0.5	0.5
WIREBAUGH, DARRELL							
	Credits Requested:		Total Credits Earned		1.5	0.5	2.0
	Critical Maintenance Techniques Your Plant may be over looking	8/13/24 10:30	8/13/24 11:42	1:11	1.0	1.0	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	0.5	0.5
	Grit Happens: Conquering Startup Challenges during a WWTP Upgrade	8/13/24 14:59	8/13/24 15:28	0:28		0.5	0.5
Wirth, Matt							
	Credits Requested:		Total Credits Earned		0.0	1.0	1.0
	Ethics in Engineering	8/14/24 13:10	8/14/24 14:30	1:20		1.0	1.0
Wiseley, Jackson Wiseley							
	Credits Requested:		Total Credits Earned		6.5	0.5	7.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:33	8/13/24 11:42	1:08	1.0	1.0	1.0
	Peracetic Acid for Wastewater Disinfection & The Benefits to Large and Small Utilities	8/13/24 13:25	8/13/24 13:55	0:29	0.5	0.5	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	0.5
	Maximizing the Effectiveness of Your Public Education, Outreach and Participation Minimum Control Measures	8/13/24 14:54	8/13/24 15:26	0:31	0.5	0.5	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	1.0	1.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:34	8/14/24 10:00	0:25	0.5	0.5	0.5

	Challenges In The Field	8/14/24 10:02	8/14/24 10:58	0:55	1.0	1.0	1.0
	50 Years Later and SND Still Works	8/14/24 13:33	8/14/24 14:02	0:28	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:04	8/14/24 14:35	0:30	0.5	0.5	0.5
	Basics of pH	8/15/24 9:44	8/15/24 10:15	0:31	0.5	0.5	0.5
	It's Raining N! The Future of Total Nitrogen Limits	8/15/24 11:26	8/15/24 11:56	0:30	0.5	0.5	0.5
Withers, Amanda	Credits Requested: PDHs						
				Total Credits Earned	2.0	3.5	5.5
	IDEM Update	8/13/24 16:00	8/13/24 16:28	0:28	0.5	0.5	0.5
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 8:16	8/14/24 8:25	0:08	0.0	0.0	0.0
	Using AI, GIS & Digital Twins to Drive Smarter Sewer Inspections	8/14/24 9:31	8/14/24 10:00	0:28	0.5	0.5	0.5
	Water and Wastewater Workforce Development – Is your community ready for the challenge?	8/14/24 13:26	8/14/24 14:30	1:04	1.0	1.0	1.0
	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	0.5	0.5
	Back to Basics: Review of UV Disinfection	8/15/24 8:28	8/15/24 9:07	0:38	0.5	0.5	0.5
	Primary Clarifier Sludge and Scum	8/15/24 9:13	8/15/24 9:40	0:26	0.5	0.5	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	1.0	1.0
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:57	8/15/24 11:25	0:27	0.5	0.5	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	0.5	0.5
Wolff, Tina	Credits Requested:						
				Total Credits Earned	1.5	1.5	3.0
	Total Nitrogen Treatment – What is Required vs. What is Realistic	8/13/24 15:00	8/13/24 15:27	0:27	0.5	0.5	0.5

	IDEM Update	8/13/24 16:02	8/13/24 16:28	0:26	0.5	0.5	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	0.5	0.5
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:58	8/14/24 8:26	0:28	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	0.5
	Unveiling the Power of Regionalization: A Strategic Approach for Success	8/14/24 10:34	8/14/24 11:04	0:30	0.5	0.5	0.5
Wood, Anthony	Credits Requested: Wastewater						
			Total Credits Earned	5.0	1.0	6.0	6.0
	Mastering the Art of Master Planning	8/14/24 8:00	8/14/24 9:00	1:00	1.0	1.0	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	0.5	0.5
	50 Years Later and SND Still Works	8/14/24 13:31	8/14/24 14:02	0:31	0.5	0.5	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	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:08	8/14/24 14:35	0:26	0.5	0.5	0.5
	Adaptive mixing and process optimization with energy savings	8/14/24 15:23	8/14/24 15:50	0:27	0.5	0.5	0.5
	Tips for Labs that you may not know	8/15/24 8:02	8/15/24 8:30	0:27	0.5	0.5	0.5
	IWEA WASTEWATER LABORATORY ANALYST CERTIFICATION	8/15/24 8:32	8/15/24 9:01	0:29	0.5	0.5	0.5
	Basics of pH	8/15/24 9:46	8/15/24 10:15	0:29	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:29	0.5	0.5	0.5
	Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:30	0.5	0.5	0.5
Wright, Christopher	Credits Requested: Wastewater						
			Total Credits Earned	9.0	0.5	9.5	9.5
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:29	8/13/24 11:42	1:12	1.0	1.0	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	0.5	0.5
	Optimizing Final Clarifiers – From Concept to Demonstrated Performance	8/13/24 14:01	8/13/24 14:32	0:30	0.5	0.5	0.5
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:48	8/13/24 15:25	0:37	0.5	0.5	0.5
	IDEM Update	8/13/24 15:50	8/13/24 16:28	0:38	0.5	0.5	0.5
	Challenges In The Field	8/14/24 10:00	8/14/24 10:58	0:57	1.0	1.0	1.0
	21ST Century FOG Management	8/14/24 13:16	8/14/24 14:00	0:44	0.5	0.5	0.5
	IU Permits and Applying the Combined Wastestream Formula	8/14/24 14:05	8/14/24 14:35	0:29	0.5	0.5	0.5
	Enforcement Response Plan, Violations, and Significant Non-Compliance	8/14/24 15:14	8/14/24 16:15	1:01	1.0	1.0	1.0
	Transforming Compliance Using Collaborative Technology	8/14/24 16:21	8/14/24 16:58	0:36	0.5	0.5	0.5
	Informed Decision-Making for Electrical and Controls Systems	8/15/24 8:32	8/15/24 9:39	1:07	1.0	1.0	1.0
	Basics of pH	8/15/24 9:43	8/15/24 10:15	0:32	0.5	0.5	0.5
	A case for better lab results	8/15/24 10:17	8/15/24 10:47	0:30	0.5	0.5	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	1.0	1.0
	Yeary, Robert	Credits Requested:			Total Credits Earned	0.0	0.5
	Electrical Safety for Wastewater Operators and Maintenance Personnel	8/15/24 7:59	8/15/24 8:30	0:31	0.5	0.5	0.5
Zak, Nick	Credits Requested:			Total Credits Earned	5.0	0.0	5.0
	Adapt and Overcome: Challenges of Rehabilitating a 90-inch Sewer	8/14/24 7:54	8/14/24 8:25	0:31	0.5	0.5	0.5
	Hydraulic Modeling - What is it good for?	8/14/24 8:27	8/14/24 9:00	0:33	0.5	0.5	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	0.5	0.5
	North Interceptor Sewer - Danville, IN	8/14/24 10:04	8/14/24 10:35	0:30	0.5	0.5	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	0.5	0.5	
	Foster Park Relief Sewer – Indian Village CSO 005 Connection	8/14/24 13:25	8/14/24 14:00	0:35	0.5	0.5	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	0.5	0.5	
	Lafayette Prairie Oaks Pipeline Rehab	8/14/24 15:17	8/14/24 15:55	0:38	0.5	0.5	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	0.5	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	0.5	0.5	
Zeck, Ryan	Credits Requested:		Total Credits Earned		1.0	0.0	1.0	1.0
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:31	8/13/24 11:42	1:10	1.0	1.0	1.0	
Ziino, Kate	Credits Requested: PDHs		Total Credits Earned		6.5	5.0	10.5	10.5
	Welcome & Keynote Address	8/13/24 7:48	8/13/24 9:00	1:11		1.0	1.0	
	Workforce Development Roundtable	8/13/24 9:10	8/13/24 10:16	1:06		1.0	1.0	
	Biosolids: Fail to Plan; Plan to Fail	8/13/24 10:28	8/13/24 11:42	1:13	1.0	1.0	1.0	
	PFAS Regulations Impact on the Future of Land Application	8/13/24 13:27	8/13/24 13:57	0:29	0.5	0.5	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 14:31	0:33		0.5	0.5	
	Benefits of Partnering to Reduce Inflow and Infiltration	8/13/24 14:56	8/13/24 15:25	0:28	0.5	0.5	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 16:56	1:03	1.0	1.0	1.0	
	Energy Efficient Retrofits of Oxidation ditches	8/14/24 7:57	8/14/24 8:26	0:29	0.5	0.5	0.5	

Benefits of Big Bubble Mixing	8/14/24 8:27	8/14/24 9:00	0:32	0.5	0.5	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	0.5	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	1.0	1.0
50 Years Later and SND Still Works	8/14/24 13:24	8/14/24 14:02	0:37	0.5	0.5	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	0.5	0.5
Sustained 60 MGD? Sure, why not!	8/15/24 10:13	8/15/24 10:47	0:34	0.5	0.5	0.5
Contrasting Design Considerations: Municipal Vs Industrial WWTPs	8/15/24 10:54	8/15/24 11:25	0:31	0.5	0.5	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	0.5	0.5