Contact Information:

NY Water Environment Association, Inc.
525 Plum Street, Suite 102
Syracuse, NY 13204
(315) 422-7811 Phone
(315) 422-3851 Fax
www.nywea.org

New York Qualifications of Operators of Wastewater Plants
WWT
Robert E. Wither
New York State DEC
625 Broadway 4th Floor
Albany, NY 12233-3506
Phone: (518) 402-8154

Approval Details:

The New York State DEC and has approved WEFTEC 2024® for Renewal Training Credit hours for operators. The training program is eligible for up to 24 renewal contact hours per person, for this conference (see the attached spreadsheet).

NYSDEC assigned Course Approval Number **RTC-25635-24** to this conference. Please use this number when submitting any information regarding this training course.

After completing the training program WEF will supply CE documentation to the NYSDEC:

- A copy of this letter.
- A copy of the Course Roster (form 92-14-32 or equivalent).
- One sample copy of the course completion notice/letter.

The course provider can issue partial credit at their discretion. Please see attached list of NYSDEC approved sessions…

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water, Bureau of Water Permits
625 Broadway, Albany, New York 12233-3505
P: (518) 402-8111 | F: (518) 402-9029
www.dec.ny.gov

September 4, 2024

Matt Jones
Water Environment Federation
601 Wythe Street
Alexandria, Virginia 22314

Re: 2024 WEFTEC Conference, New York State Wastewater Operator Renewal Training Credits

Dear Matt Jones:

We conducted a review of your Request for Renewal Training Approval for the **2024 WEFTEC Conference**, scheduled for October 5-9, 2024 in New Orleans, LA. The training program is eligible for up to **24** renewal contact hours total, with hours for the presentations as follows:

Session Number	Technical Session or Workshop	Contact Hours
200	Water Policy Update Part 1	0.50
235	Water Policy Update Part 2	0.50
201	THP: Downstream Process and Maintenance Challenges	1.50
202	The Ultimate Collection Systems Basics Trivia Challenge 3.0	1.50
203	Improving Disinfection Processes through Machine Learning	1.50
204	Real Life PFAS Issues: WRRF to Watershed to Biosolids	0.50
205	Leveraging Automation and Analytics for Better Situational Awareness and Optimization: Part I	1.50
206	Building a Hydrogen Future	1.50
207	DE&I: Representation and Impact	0.50
208	Solutions and Ideas From Award Winning Industrial Experts	1.50
209	Ceramic Membranes for Industrial Water Reuse and Recovery	1.00
210	Optimization of MBR Technology	1.50
211	Innovative Approaches to Address Traditional Operational Challenges	1.50
214	Leveraging Digital Technologies to Make Better Decisions	1.50
215	Decentralized Systems: Wastewater Management for Small Communities	1.50
217	Navigating Nutrient Dynamics: Modeling for Water Quality Excellence	1.50
218	Managing Biosolids for Tomorrow: Infinite Resources, Finite Uses	1.50
219	Advances in Anaerobic Digestion	1.50
220	Unleashing the Power of Digital Tools for Your Collection System	1.50
221	Reducing Wet Weather Flows Using Public and Private I/I Removal Solutions	1.50
222	Microplastics in WRRFs: Research, Risk, and Regulation Updates	1.50

223	Integrated Resilience and Reliability Planning	0.50
224	Leveraging Automation and Analytics for Better Situational Awareness and Optimization: Part II	1.50
225	Community-based Approach to Generate Equitable and Just Outcomes through Infrastructure Planning	1.50
226	Emerging Technical and Regulatory Issues in Petroleum Refinery Wastewater Management	1.50
227	EBPR Pulse: Current Trends, Full-Scale Optimization, Model for Sustainability	1.50
228	Optimizing Design for Increased Capacity	1.50
229	Standing on the Shoulders of Giants: Revisiting Seminal WER Papers	1.50
230	Revolutionizing PFAS Treatment: Harnessing the Power of Media Technologies	1.00
232	Consumer Education Fights Back at Collection Systems Under Attack	1.50
233	Shaping the Future of Potable Reuse	0.50
235	Water Policy Update: Part 2	0.50
301	Thickening and Dewatering: Design Considerations	1.50
302	Planning Techniques to Support I/I Mitigation, Master Plans and Design	1.50
303	Translating PFAS Risk Assessment into Regulation and Action	0.50
304	Intercepting Odors and Corrosion: Modeling, Mitigation, and Monitoring	1.50
305	Energy Conservation: From a Want to a Must	1.00
306	Assessing Climate Risk and Its Impact on Utility Operations: Financial Resilience and Insurability	0.50
307	Petroleum Refinery Problem Wastewater Constituent Removal Advances	1.50
308	Driving the Circular Water Economy by Reusing Industrial and Municipal Effluents	1.50
309	Internal Stored Carbon for Nutrient Removal	1.50
310	Fundamentals of Biofilm Reactor Design and Operation	1.50
314	Advancing Your Condition Assessment Program through Digital Technologies	1.50
315	Enhancing Water Safety: MBR & RO Technologies for Achieving LRV Credits	1.50
316	Innovative Approaches to Wastewater and Stormwater Permitting	1.00
401	Developments in Hydrothermal Liquefaction for WRRFs	1.50
402	Greenhouse Gas Strategies in Action: Measure to Mitigate	1.00
403	Interactive I/I Program Development: WEF -Town Needs Your Help!	1.50
404	How Could EPA's 2023 Review of Recreational Water Quality Criteria Affect WRRFs?	1.50
405	Protect Your Utility From Cyber Attacks	0.75
407	Indigenous Environmental Practices: Lessons from the Past for the Future	0.75
408	Treatment Challenges and Reuse within the Semiconductor Industry	1.50
409	Microbial Ecology Selection Under Low DO Concentration	1.50
410	Mechanistic Modeling Developments for Newer Processes	1.50
411	Primary, Secondary, and Tertiary Applications of Advanced Filtration Technology	1.50
412	Full-scale Demonstrations: Balancing Risks and Rewards for Successful Innovation	1.50
413	Manufacturer Highlights for Small Communities: Packaging the Big for the Small	1.50
414	PFAS in Wastewater: What Should Utilities Do Next?	0.75
415	International Experience: Safeguarding Our Shared Water Resources	1.00
417	PFAS in Biosolids: Remove and Track it	1.50
419	Application of Machine Learning and Modeling in Carbon Diversion Technologies	1.50
420	Enhancing Nitrogen Removal: Insights Into Carbon Sources and Mechanisms	1.50

422	Exploring the Future Impacts and Improving Utility's Readiness for AI Implementation	0.75
424	Water Recovery in Livestock Production	1.50
425	Zero Liquid Discharge (ZLD): Process Selection, Design, and Operations	1.50
426	N_2O Unmasked: Understanding and Taming Emissions	1.50
427	Benefits and Approaches to Moving Dewatering into the Modeling Realm	1.50
430	What Will You Make of Your Biogas?	1.50
431	What IS the Workforce of the Future?: Utility Leaders Roundtable	0.75
433	Alternative Delivery for Potable Water Reuse Projects	0.50
501	Enhancing Digestion to Improve Operations and Resource Recovery: Capture of Control	1.50
502	Exploring Force Main Condition Assessment Programs	1.50
503	Peracids Challenge Traditional Disinfectants	1.00
504	Progression of PdNA: Development to Full-Scale	1.50
505	Air Quality Issues Beyond Odors: Bioaerosols and GHGs	0.50
507	PFAS Management for Industrial Dischargers	1.50
508	Lithium Recovery Using Advanced Water Treatment Technologies	1.50
509	Leveraging Machine Learning for Facility Operations	1.50
510	Full-scale Intensification Experience	1.50
511	The ABCs of Bioaugmentation	1.50
513	Building the Workforce of Tomorrow	1.50
514	Cybersecurity Threats: Managing Your Facility's Risk	0.75
515	Optimizing IPR/DPR Projects: Harnessing the Power of Ozone	0.75
516	PFAS in Wastewater and Biosolids: Measurement Methods and Fate During Thermal Processes	1.50
517	Revolutionizing Septic to Sewer Conversions	1.00
518	What's New in UV?	1.50
519	Accommodating Industrial Effluents in Municipal Treatment Facilities	1.50
520	Anoxic Reactor Design for Low Energy BNR	1.50
521	Process Intensification Using Hydrocyclones	1.50
522	Three Different Flavors of Improvement for Preliminary/Primary Treatment	1.50
523	Using Side-Stream Enhanced Biological Phosphorus Removal to Improve EBPR Performance	1.50
524	Synergizing Digital Solutions and Ozonation for Treatment of Micropollutants	1.00
526	Outcome and Value-driven Asset Management: Of the People, For the People, By the People	1.50
528	Federal Funding Case Studies	1.00
529	Stakeholder Engagement Strategies to Promote Green Infrastructure and Environmental Justice	0.50
530	Advancements in Non-RO Treatment for IPR/DPR: Exploring Cutting-Edge Solutions	1.00
531	One Water Approaches from Urban Strategies to Coastal Resilience	1.00
601	Making Money with Biogas: Co-Digestion and RNG	1.00
602	Don't Miss the Bypass!	1.50
603	Innovations in Phosphorus Management: From Models to Solutions	1.50
604	Non-PFAS Up and Coming Concerns	1.50
605	PFAS Removal and Destruction Using Novel Technologies	1.50
606	Evaluating Plantwide Impacts of AGS and DAS	1.50

607	Innovations in Partial-Nitritation-Anammox Processes	1.50
609	WIFIA and SRF Funding Accelerate Nutrient Removal in Wichita, Kansas	0.75
610	Automation and Analysis: Data-Driven Strategies Improve Utility Processes	0.75
611	Coastal Water Management: Strategies to Eliminate Ocean Discharge	1.00
612	Partnerships and Collaboration: Cornerstones for Successful Collaborative Project Delivery	0.75
W01	Wastewater Microbiology	6.00
W02	Operationalizing Digital Twins to Advance Process Control and Optimization	2.00
W03	Thickening Optimization: Improve Performance and Benefit Multiple Plant Processes	6.00
W04	Operation and Maintenance from Water Reuse to Advanced Water Purification	2.00
W05	Refinery and Petrochemical Wastewater Treatment: Process Control Strategies	6.00
W06	Aeration Control for Practitioners: Advanced Control and Optimization Techniques for Aeration, Process, and Energy	6.00
W07	Advanced Primary Treatment Technologies for Carbon Diversion & Management at WRRFs	6.00
W08	Wastewater Microbiology-	6.00
W09	Activated Sludge and Biological Nutrient Removal Process Control: Hands-On in the Real World (Off-Site)	6.00
W10	Water Environment Federation/The Water Research Foundation: Doing More, with Less. Implementing Machine Learning Process Controls at Water Resource Recovery Facilities	2.00
W11	Water Environment Federation/The Water Research Foundation: Renewable Revenue Streams Through Best Practices and Safe Operation of Renewable Natural Gas Facilities	5.00
W12	Smart Infrastructure for Sewer Solutions	6.00
W13	Understanding and Applying Disinfection Fundamentals (Off-site)	6.00
W14	The Future of Water Reuse Using Carbon-Based Advanced Treatment (CBAT) to Implement 'One Water' Initiatives	1.00
W15	Fundamentals of Collaborative Delivery	2.00
W16	Learning to Communicate: Connecting with Audiences and Telling Your Story	1.00
W17	Assessing Sewer Septicity: Applying Tools to Save Money and Trouble	6.00
W18	Navigating the Water Sector's Path to Net Zero	4.00
WLI	Water Leadership Institute Workshop	2.00

Please note that any presentation or workshop not listed above is not approved for renewal training credits. Additionally, the Facility Tours, the Operations Challenge, and the Student Design Competition are not eligible for renewal training credits in New York. If you have any questions about the number of hours awarded for any session listed, please feel free to contact me.

NYSDEC assigned Course Approval Number **RTC-25635-24** to this program. Please use this number when submitting any information regarding this training course.

Upon completion of each program, please send the following to RTCInfo@dec.ny.gov:

- A copy of this letter
- A copy of the course roster

- One example copy of the course completion notice/letter (received)

The coordinator must issue a course completion notice or letter for each operator that satisfactorily completes the course. The course coordinator can issue partial credit at their discretion. **A completion notice must contain the following: the operator's name, course title, date(s) of training, location of the training, sponsoring organization, name of the instructor, number of contact hours and course approval (RTC) number.** Please advise the operators to hold on to their completion letters and include a copy with their renewal application. If you have any questions, please contact me at 518-402-8286 or by email at: samantha.mccart@dec.ny.gov.

Sincerely,

Samantha McCart

Samantha McCart
Environmental Program Specialist
Bureau of Water Permits, Division of Water

cc: Meredith Streeter, DEC
Carolyn Steinhauer, NYWEA