

Contact Information:

Vermont Wastewater Facility Operator Certification Program WWT

VT DEC, Wastewater Management Division
One National Life Drive, Main 2
Montpelier, VT 05620
Phone: (802) 490-6118
Email: Jill.Draper@vermont.gov
[Visit Their Website](#)

Approval Details:

The Vermont Wastewater Operator Certification Program approves the Technical Sessions, Workshops, Facility Tours and Operations Challenge for training credits related to wastewater. No credit will be awarded for: General Session or Exhibit Hall time.

Attendees are responsible for submitting WEF documentation. WEF is also responsible for submitting a detailed attendee listing to the state post-conference.

Please see attached Session Approval Listing for specific approval details...

Session Number	Session Title	Date	Start Time	End Time	Total TCHs Avail.
TECHNICAL SESSIONS - TECHNICAL SESSIONS - TECHNICAL SESSIONS - TECHNICAL SESSIONS - TECHNICAL SESSIONS -					
103	Tracking Down the Roots of Our Sanitary Sewers	10/1/2018	10:30 AM	12:00 PM	1.5
104	Introduction to Water, Sanitation, and Hygiene Around the Globe	10/1/2018	10:30 AM	12:00 PM	1.5
105	Mobile Session: Aeration Diffusers	10/1/2018	10:30 AM	12:00 PM	1.5 GCH
201	Late-Breaking Research: Innovative Approaches for Resource Recovery	10/1/2018	1:30 PM	3:00 PM	1.5
202	Chemical, Petrochemical, and Pharmaceutical Wastewater Treatment Challenges	10/1/2018	1:30 PM	5:00 PM	3.0
203	To Sieve or Not To Sieve: That Is the Primary (Treatment) Question	10/1/2018	1:30 PM	5:00 PM	3.0
205	Knowledge Development Forum: Optimizing Your Aeration Control Strategy	10/1/2018	1:30 PM	5:00 PM	3.0
206	Unlocking the Mysteries of Microbial Ecology of Enhanced Biological Phosphorus Removal (EBPR)	10/1/2018	1:30 PM	5:00 PM	3.0
207	Evaluating Energy Use and Management Alternatives for Operational Efficiency at WRRFs	10/1/2018	1:30 PM	3:00 PM	1.5
208	Improved Digester Operations and Performance by Sludge Pretreatment	10/1/2018	1:30 PM	5:00 PM	3.0
210	Peracetic Acid Gets Real	10/1/2018	1:30 PM	5:00 PM	3.0
211	Collection Systems Sewer Condition Assessment, Rehabilitation, and Construction	10/1/2018	1:30 PM	5:00 PM	3.0
212	Overcoming Collection Systems Maintenance Challenges	10/1/2018	1:30 PM	5:00 PM	3.0
215	The Big Picture: Integrated Watershed Planning	10/1/2018	1:30 PM	5:00 PM	3.0
216	Project Delivery: Soup to Nuts	10/1/2018	1:30 PM	5:00 PM	3.0
217	Roadmap to Sustainable Wastewater Management for Small Communities	10/1/2018	1:30 PM	5:00 PM	3.0
218	Pressure Pipe Condition Assessment and Enterprise Asset Management: Practical Applications and Strategies	10/1/2018	1:30 PM	5:00 PM	3.0
219	Water and Sanitation: Developmental and Humanitarian Programs	10/1/2018	1:30 PM	3:00 PM	1.5
220	Manufacturers' Innovation Forum	10/1/2018	1:30 PM	5:00 PM	3.0
221	Wastewater Challenges in the Steam Electric Power Industry	10/1/2018	3:30 PM	5:00 PM	1.5
222	Wastewater Carbon Management Strategies for Energy Optimization	10/1/2018	3:30 PM	5:00 PM	3.0
227	Mobile Session: Ozone's Multiple Benefits in Water Reuse	10/1/2018	1:30 PM	3:00 PM	1.5 GCH
228	Mobile Session: Improving the Performance of Odor & Corrosion Control Systems	10/1/2018	1:30 PM	3:00 PM	1.5 GCH
229	Mobile Session: Membranes	10/1/2018	3:45 PM	5:00 PM	1.25 GCH
300	Interactive Knowledge Exchange: How to Challenge and Utility Management	10/2/2018	8:30 AM	10:30 AM	2.0 GCH
301	Late-Breaking Research: Bridging Microbial Ecology and Practice	10/2/2018	8:30 AM	10:00 AM	1.0
303	Food Production Industry's Unique Wastewater Challenges: Solved!	10/2/2018	8:30 AM	12:00 PM	3.0
304	Commercial Status of Microbial Electro-Chemical Wastewater Treatment	10/2/2018	8:30 AM	10:00 AM	1.5
305	Advancements in Membrane Aerated Biofilm Reactors (MABR): From Pilot to Full Scale Operation	10/2/2018	8:30 AM	12:00 PM	3.0
306	Secondary Operations and Testing Techniques	10/2/2018	8:30 AM	12:00 PM	3.0
307	The Best of WRRmod 2018	10/2/2018	8:30 AM	10:00 AM	1.5

308	In Pursuit of Energy Neutrality: Development and Implementation of Energy Optimization Programs and Strategies at WRRFs	10/2/2018	8:30 AM	12:00 PM	3.0
310	Beneficial Use of Biosolids Products	10/2/2018	8:30 AM	10:00 AM	1.5
311	Putting 'Fun' Into Disinfection Fundamentals	10/2/2018	8:30 AM	10:00 AM	1.5
312	Under Pressure: Reducing the Stress of Working With Collection System Force mains	10/2/2018	8:30 AM	12:00 PM	3.0
313	Collection Systems: Back to Basics!	10/2/2018	8:30 AM	12:00 PM	3.0
315	Put Your Watershed on a Diet: Nutrient Reduction	10/2/2018	8:30 AM	12:00 PM	3.0
316	Outreach: Connecting With Your Community	10/2/2018	8:30 AM	12:00 PM	3.0
317	Demonstrating Success and Addressing Challenges in Small Systems	10/2/2018	8:30 AM	12:00 PM	3.0
318	Setting the Course To Become a Smart Utility Through Effective Information Management	10/2/2018	8:30 AM	12:00 PM	3.0
321	Planning for Climate Change: Resilience in Action	10/2/2018	8:30 AM	10:00 AM	1.5
322	Management and Control of Recalcitrant Organic Nitrogen	10/2/2018	10:30 AM	12:00 PM	1.5
323	Down to the Nitty Gritty: New Frontiers in Grit Characterization for Design	10/2/2018	10:30 AM	12:00 PM	1.5
324	The Resource Recovery Playing Field: Product and Energy Recovery From Wastewater Solids	10/2/2018	10:30 AM	12:00 PM	1.5
325	The Goldilocks Approach to Dose Control and Limits: How to Get Them Just Right	10/2/2018	10:30 AM	12:00 PM	1.5
326	Take it to the Limit: Modeling and Design Approaches to TMDL Compliance	10/2/2018	10:30 AM	12:00 PM	1.5
327	Utility Leadership in Action Roundtable: Driving Innovation	10/2/2018	10:30 AM	12:00 PM	1.5
329	Resiliency: Crystallizing the Uncertain Future	10/2/2018	10:30 AM	12:00 PM	1.5
330	Mobile Session: Wastewater 101	10/2/2018	9:00 AM	12:00 PM	3.0 GCH
332	Mobile Session: SCADA HMIs- What's New? What Am I Missing Out On?	10/2/2018	10:45 AM	12:15 PM	1.5 GCH
333	Interactive Knowledge Exchange: Technical and Innovation	10/2/2018	10:30 AM	1:00 PM	2.5 GCH
334	Late-Breaking Research: Engineering Microbial Communities for Improved Performance	10/2/2018	10:30 AM	12:00 PM	1.5
401	Innovative Biological Treatment of Brewery and Beverage Wastewaters for Water and Energy Resource Recovery	10/2/2018	1:30 PM	5:00 PM	3.0
402	Landfill Leachate and Gas Condensate Management Using Biological, Physical, and Chemical Treatment Options	10/2/2018	1:30 PM	5:00 PM	3.0
403	Process Modeling for Industrial Wastewater System Design and Optimization	10/2/2018	1:30 PM	5:00 PM	3.0
404	FUNDamentals: Secondary School on Nutrient Removal	10/2/2018	1:30 PM	5:00 PM	3.0
405	Knowledge Development Forum: Mainstream Shortcut Nitrogen Removal	10/2/2018	1:30 PM	5:00 PM	3.0
407	Tools and Case Studies for Optimizing Phosphorus Removal	10/2/2018	1:30 PM	5:00 PM	3.0
408	Stink, Crumble, and Burp: Modeling and Mitigating Sewer Odors and Corrosion	10/2/2018	1:30 PM	5:00 PM	3.0
409	Automation and SCADA: Where Have We Been and Where Are We Going?	10/2/2018	1:30 PM	3:00 PM	1.5
410	Hands-On Design Challenge: Solids Processing Unit Process Skills	10/2/2018	1:30 PM	3:00 PM	1.5
411	The Diverse Applications of Wastewater Sludge Thermal Hydrolysis	10/2/2018	1:30 PM	3:00 PM	1.5
412	Disinfecton: New and Novel	10/2/2018	1:30 PM	3:00 PM	1.5
413	Collection Systems Hydraulics and Models: Using Our Tool Box to Solve Complex Problems	10/2/2018	1:30 PM	5:00 PM	3.0

414	Infiltration and Inflow in the Collection System: How To Fight the Good Fight	10/2/2018	1:30 PM	5:00 PM	3.0
418	Linear Asset Inspection Programs and Risk-Based Asset Management: Practical Strategies	10/2/2018	1:30 PM	3:00 PM	1.5
420	Disaster Recovery and Response: Hurricane Harvey and Other Disastrous Events	10/2/2018	1:30 PM	5:00 PM	3.0
421	Powerless? Black Sky Resilience	10/2/2018	1:30 PM	3:00 PM	1.5
423	Are You Getting the Most Value From Your Sensors: Sensor Performance Evaluation Strategies	10/2/2018	3:30 PM	5:00 PM	1.5
424	Digestion: Let Me Upgrade You	10/2/2018	3:30 PM	5:00 PM	1.5
425	Battle of the Indicators: Implications and Risk	10/2/2018	3:30 PM	5:00 PM	1.5
427	Finding the Coins in Everyone's Couch: Affordability From Several Perspectives	10/2/2018	3:30 PM	5:00 PM	1.5
428	Lessons Learned From Treatment Plant Floods	10/2/2018	3:30 PM	5:00 PM	1.5
430	Mobile Session: Aeration Blowers	10/2/2018	1:30 PM	5:00 PM	3.0 GCH
433	Mobile Session: Small/Decentralized System Technologies and Management Approaches	10/2/2018	3:30 PM	5:00 PM	1.5 GCH
500	Resource Recovery at Industrial Wastewater Treatment Plants	10/3/2018	8:30 AM	12:00 PM	3.0
501	Biological Treatment of Industrial Wastewater	10/3/2018	8:30 AM	12:00 PM	3.0
502	502 Fundamentals: Coagulation and Flocculation for Industrial Wastewater	10/3/2018	8:30 AM	12:00 PM	3.0
503	Advances in Aerobic Granular Sludge	10/3/2018	8:30 AM	12:00 PM	3.0
504	Mainstream Nitrogen Removal: Case Studies	10/3/2018	8:30 AM	10:00 AM	1.5
505	Vertical Asset Management Implementation	10/3/2018	8:30 AM	12:00 PM	3.0
506	Innovative Process Control Studies and Strategies	10/3/2018	8:30 AM	12:00 PM	3.0
507	Planning and Modeling of Odor Control Strategies for WRRFs	10/3/2018	8:30 AM	10:00 AM	1.5
508	FUNDamentals of Digester Gas-to-Energy Systems	10/3/2018	8:30 AM	12:00 PM	3.0
509	Improved Sourcing, Handling, and Processing of FOG for Codigestion and Energy Recovery	10/3/2018	8:30 AM	10:00 AM	1.5
510	UV Disinfection: Dealing With the Old, Looking Forward to the New	10/3/2018	8:30 AM	10:00 AM	1.5
511	Managing Private Property Issues in the Collection System	10/3/2018	8:30 AM	12:00 PM	3.0
513	Nutrient Nuisance Nonsense: The Latest in Phosphorous Regulation and Design for Stormwater	10/3/2018	8:30 AM	10:00 AM	1.5
514	What's Bugging You: Pathogen Detection and Reduction	10/3/2018	8:30 AM	10:00 AM	1.5
516	Develop, Engage, and Empower: A Workforce Perspective	10/3/2018	8:30 AM	10:00 AM	1.5
520	Alternative Means for Shortcut Nitrogen Removal: Partial Denitrification/Anammox Processes	10/3/2018	10:30 AM	12:00 PM	1.5
521	Clarifier Modeling	10/3/2018	10:30 AM	12:00 PM	1.5
526	Water Quality Modeling: To TMDL and Beyond!	10/3/2018	10:30 AM	12:00 PM	1.5
528	EUM Strategies: Integrated Master Planning and Planning for Change	10/3/2018	10:30 AM	12:00 PM	1.5
529	Knowledge Development Forum Part 1: Sidestream EBPR for Improved and Sustainable Phosphorus Removal and Recovery	10/3/2018	8:30 AM	12:00 PM	3.0
530	Mobile Session: Pipe Lining Technologies Material Characteristics, Design Basis, Corrosion Resistance, Bonding Requirements, Pressure Capabilities, Installation Constraints, Costs, and Longevity	10/3/2018	9:00 AM	10:30 AM	1.5 GCH
531	Mobile Session: Nutrient Analyzers and Sensors	10/3/2018	9:00 AM	10:30 AM	1.5 GCH
532	Mobile Session: Food and Beverage	10/3/2018	10:45 AM	12:00 PM	1.25 GCH
533	Mobile Session: See the Light - A Walking Tour of UV and UV- AO	10/3/2018	10:45 AM	12:00 PM	1.25 GCH

