

25th Annual Kalispell Spring Water School for Water & Wastewater Operators & Managers

Sponsored by: Montana Environmental Training Center
Montana Department of Environmental Quality
Montana Rural Water Systems

AGENDA - 3/11/19 - For More Information Please Contact METC
at 406-265-3763 or via email at metc@msun.edu

(To receive credit you MUST have verification at the end of each session attended.)

CEC INFORMATION: (Training Provider Completes)

TOTAL Credits Earned: Water _____ Wastewater _____

Approved Training Provider: Montana Environmental Training Center **ATP: #2**

Signature of Verifying Official: _____

TUESDAY, MARCH 26, 2019

7:30 AM	REGISTRATION				
Location	Room 139 (Moderator - Greg Butts)				
8:00 AM	Welcome to the 25th Annual Kalispell Spring Water School Mike Kropp - DEQ, Julie Allen - MRWS, and Barb Coffman, METC 0.025 Dual CECs				
8:15 AM	Why We Worry About Water: Waterborne Outbreaks - A Sanitarian's Perspective Nina Heinzinger, DPHHS Food & Consumer Safety 0.150 Dual CECs				
9:45 AM	BREAK (0.025 Dual CECs must attend classes for CECs right before and after break to receive credit)				
	Wastewater Room 204 (Moderator:)	Water & Wastewater Room 139 (Mod:)	Water Room 205 (Mod:)	Certification Review Room 202	
10:00 AM	Troubleshooting Wastewater Treatment Plants Josh Viall, DEQ 0.100 WW CECs	Technology's Influence on the Water & Wastewater Industry Andrea Zuidema, METC 0.100 Dual CECs	Chemical Waivers: What's New Scott Patterson, DEQ 0.100 Water CECs	Welcome and How to Take An ABC Julie Allen, MRWS No CECs No CECs	
10:30 AM				Water Room 202	Wastewater Room 203
11:00 AM	Lagoon Rehabilitation Including Cold Weather Nitrification by MBBR Tom Daugherty, Triplepoint Environmental 0.100 WW CECs	Tracking Montana's Groundwater John LaFave, MBMG 0.100 Dual CECs	Emergencies & Security of Public Water Supply Systems in Montana Greg Butts, DEQ 0.100 Water CECs	Source Water Rory Schmidt, MRWS No CECs	Wastewater Basics Roger Skogen, MRWS No CECs
12:00 PM	LUNCH (ON YOUR OWN)				
	Wastewater Room 204 (Mod:)	Water & Wastewater Room 139 (Mod:)	Water Room 205 (Mod:)	Water Room 202	Wastewater Room 203
1:00 PM	Aeration vs Mixing Josh Viall, DEQ 0.100 WW CECs	Groundwater Topics in Montana Andy Bobst, MBMG 0.100 Dual CECs	What You Need to Know When Operating a Water System Scott Patterson, DEQ 0.100 Water CECs	Water Treatment	Mechanical & Lagoon Systems
2:00 PM	Winds of Change: Livingston WRF Upgrade - The Prequel Scott Buecker, AE2S 0.075 WW CECs	Understanding Chemistry in Water & Wastewater Melee Valett, DEQ 0.075 Dual CECs	Potential Impacts of Forest Fires on Public Water Supplies Jim Stimson, DEQ 0.075 Water CECs	Rory Schmidt, MRWS No CECs	Roger Skogen, MRWS No CECs
2:45 PM	BREAK (0.025 Dual CECs must attend classes for CECs right before and after break to receive credit)				
3:00 PM	Enhancing Bio-P with Operations and Brewery Waste Scott Buecker, AE2S Mod: 0.100 WW CECs	Current Status, Control Efforts & Natural Spread of Invasive Mussels in Montana Russ Hartzell, Montana FWP Mod: 0.100 Dual CECs	City of Whitefish Water Plant Tour	Security, Safety & Administration	Wastewater Microbiology
4:00 PM	Lagoon Based Treatment - What Can Be Achieved? Josh Viall, DEQ Mod: 0.100 WW CECs	Calibrating Lab Equipment Melee Valett, DEQ Mod: 0.100 Dual CECs	Dee Benbrook, City of Whitefish Mod: 0.200 Water CECs	Rory Schmidt, MRWS No CECs	Roger Skogen, MRWS NO CECs
5:00 PM	ADJOURN				

WEDNESDAY, MARCH 27, 2019					
Location	Wastewater Room 204 (Mod:)	Water & Wastewater Room 139 (Mod:)	Water Room 205 (Mod:)	Cert. Review - Water Room 202	Cert. Review - WW Room 203
8:00 AM	TBA 0.100 Dual CECs	Drinking Water Microbiology 0.175 Dual CECs	Integrated Water Resource Planning Sarah Meloy, DNRC 0.100 Water CECs	Practice Test No CECs	Formula Sheet Question & Answer Session Roger Skogen, MRWS No CECs
9:00 AM	AOP & Biofiltration Scott Buecker, AE2S 0.075 WW CECs	Melee Valett, DEQ & Barb Coffman, METC 0.175 Dual CECs	Montana Water Systems: How Many, What Kind, Treatment Types, etc. Gregg Butts, DEQ 0.075 Water CECs	Julie Allen, MRWS No CECs	Wastewater Math Roger Skogen, MRWS No CECs
9:45 AM	BREAK (0.025 Dual CECs must attend classes for CECs right before and after break to receive credit)				
	Wastewater (Mod)	Water & Wastewater (Mod:)	Water (Mod:)	Cert. Review - Water	Cert. Review - WW
10:00 AM	The Challenges & Benefits of Establishing an Advanced Wastewater Treatment System Chris Boe, DEQ 0.100 WW CECs	Wastewater Microbiology	Drinking Water Emergency Sampling Kits Joel Felix, DPHHS 0.100 Water CECs	Laboratory Analysis	Wastewater Math Continued
11:00 AM	Meeting Strict Ammonia Limits with Lagoons Craig Pozega, Great West Engineering 0.100 WW CECs	Barb Coffman, METC & Melee Valett, DEQ 0.200 Dual CECs	Lead & Copper Rule & Sampling Greg Montgomery, DEQ 0.100 Water CECs	Rory Schmidt, MRWS No CECs	Roger Skogen, MRWS No CECs
12:00 PM	LUNCH (On Your Own)				
	Wastewater (Mod: P)	Water & Wastewater (Mod:)	Water (Mod:)	Cert. Review - Water	Cert. Review - WW
1:00 PM	City of Kalispell Wastewater Plant Tour Be at the Wastewater Plant by 1pm. 2001 Airport Road	Basics of Source Water Protection Eric Sivers, DEQ 0.050 Dual CECs	Assessing a PWS's Susceptibility to Potential Contaminant Sources Carolyn DeMartino, DEQ 0.100 Water CECs	Equipment Operation & Maintenance	Practice Exam
2:00 PM	Dell Phipps, City of Kalispell 0.175 WW CECs	In-Stream Permitting Jason Garber, DEQ 0.050 Dual CECs	Coliform Data, Reporting & Webpage Help Libby Henrikson, DEQ 0.075 Water CECs	Rory Schmidt, MRWS No CECs	Roger Skogen, MRWS No CECs
2:45 PM	BREAK (0.025 Dual CECs must attend classes for CECs right before and after break to receive credit)				
3:00 PM	Getting the Most Out of Sewer Jetting: Nozzle Selection & Operation Jessie Carr, NorMont Equip. City of Kalispell Personnel Mod: 0.100 WW CECs	Contingency Planning for Source Water Protection	Water Systems - What's Your Problem? Mike Kropp, DEQ Mod: 0.100 Water CECs	Water Math	Wastewater Regulations, Disinfection & Sludge Disposal
4:00 PM	Trenching & Excavation Eli Rickert, Key Rentals Group Mod: 0.100 Dual CECs	Kristi Kline, MRWS Mod: 0.100 Dual CECs	Need to Take Water to New Heights? Elevated Storage Considerations Alan Wendt, AE2S Mod: 0.100 Water CECs	Julie Allen, MRWS No CECs	Roger Skogen, MRWS No CECs
5:00 PM	ADJOURN				

THURSDAY, MARCH 28, 2019

THURSDAY, MARCH 28, 2019			
Location	Water & Wastewater Room 139 (Mod:)	Cert. Review - Water Room 202	Cert. Review - WW Room 203
8:00 AM	2018 Infrastructure Report Card Craig Nowak, Morrison-Maierle 0.100 Dual CECs	Water Distribution	General Review & Questions
9:00 AM	Water & Wastewater Information on the Internet: It's a Gold Mine! Barb Coffman, METC 0.075 Dual CECs	Rory Schmidt, MRWS No CECs	Roger Skogen, MRWS No CECs
9:45 AM	BREAK (0.025 Dual CECs must attend classes for CECs right before and after break to receive credit)		
Location	Water & Wastewater - Room 139 (Mod:)		
10:00 AM	Safety Compliance Inspections of Water & Wastewater Facilities Jerry Laughery, MT DLI Safety & Health Bureau 0.175 Dual CECs	General Review & Questions	General Review & Questions Continued
11:00 AM		Rory Schmidt, MRWS Julie Allen, MRWS No CECs	Roger Skogen, MRWS No CECs
12:00 PM	25th ANNUAL KALISPELL SPRING WATER SCHOOL ADJOURNED		
	METC & MRWS Thank You for Attending the 25th Kalispell Spring Water School and Your Support!! Please Travel Safely!!		
1:00 - 5:00	Certification Examinations Location: Flathead Valley Community College Room 139 Registration: 12:30 PM with Exams Administered from 1:00 - 5:00 PM		