



Wednesday Sessions - March 20, 2024						
	Canadian Room	Britain Room	American Room	Lewis & Clark Room	Missouri Room	
	<div>8:30 am to 12:30 pm Morning Session</div> <div>WZASACT Funding Workshop</div> <div>Funding Agencies</div> <div>0.400 CEC's Clerks/Dual</div>			<div>10:30 to 11:30</div> <div>➡</div>	<div>Online Water Analyzers: Maintenance, Calibration, & Guidelines for Anyone</div> <div>Brittany Baker, ABB Inc.</div> <div>Is your process pH sensor a permanent headache? Or is it just installed wrong? During this session we will discuss some of the common errors we experience with online water analyzers and provide you tips to help solve them.</div> <div>0.1 CEC's Dual</div>	<div>Unique Project Conditions at the Lake McDonald Lift Station</div> <div>Austin Wargo, Robert Peccia and Associates</div> <div>This session will focus on the overall lift station rehab project including planning, design, & construction. We will highlight the limitations imposed and unique conditions of this project including wintertime construction & seasonal usage.</div> <div>0.1 CEC's Wastewater</div>
Lunch on Your Own						
<div>1:00 PM to 2:00 pm</div>	<div>What Is LoRaWAN? A New Global Standard for Utilities</div> <div>Richard Sanders, Zenner USA</div> <div>We will learn the future of smart city & utility communication is LoRaWAN & will focus on explaining the technology & how it works, as well as what the advantages are going forward.</div> <div>0.1 CEC's Water</div>	<div>Introduction to Line Stops, Hot Taps, Valve Insertions, & Pipe Freezing</div> <div>Jamie Weidner, Tapmaster, Inc</div> <div>This presentation will cover the basics of line stops, hot taps, valve insertions, and pipe freezing.</div> <div>0.1 CEC's Water</div>	<div>Put It In a Pipe! Closed Vessel UV for Municipal Treatment</div> <div>Bryce Possiel, Xylem</div> <div>UV is frequently used for disinfection of both drinking and wastewater. While the most common form is open-channel, closed-vessel systems are growing in popularity. They offer advantages that make them worth considering for municipalities.</div> <div>0.1 CEC's Dual</div>	<div>How to Improve Efficiency with the Use of Meters</div> <div>Miquelle Bernard, Ferguson Waterworks</div> <div>We will explore meter testing & its importance to getting the most out of the meters installed. Plus what other tools are available, & ways to identify meters that are not performing as expected.</div> <div>0.1 CEC's Water/Clerks</div>	<div>LWSD Phase 3 - Extending Sewer Into a Developed Community</div> <div>Stephanie Seymanski & Jill Cook Morrison-Maierle, Inc</div> <div>This presentation will summarize the planning & design of the Lockwood Water & Sewer District Phase 3 Sewer Subdistrict project to extend sewer mains into developed areas.</div> <div>0.1 CEC's Wastewater</div>	
<div>2:30pm to 3:30pm</div>	<div>History of Water Service Line Pipe</div> <div>Whit Hall, Rehau-Municipex Division</div> <div>This session will take a look at past and current materials and some of the pros and cons of using them. Starting out all the way back to clay pipes to the materials of today.</div> <div>0.1 CEC's Water</div>	<div>Water Treatment Solutions for Small Water System Quality Issues</div> <div>Danny Bauer, Applied Process Equipment, Inc</div> <div>We will address the importance of conserving water and delivering turnkey water filtration solutions so that water operators can manage water treatment efficiently and effectively.</div> <div>0.1 CEC's Water</div>	<div>Cybersecurity Awareness for Water & Wastewater Services Across Montana</div> <div>Travis Light & Joe Frohlich, DHS CISA</div> <div>We will cover free federal gov. resources available for increasing cybersecurity resilience. We'll discuss the latest cyber threats, cyber incident response planning, the convergence of physical & cybersecurity, & assessment services available through CISA.</div> <div>0.1 CEC's Dual/Clerks</div>	<div>Delegate Assembly Meeting</div> <div>All members are welcome to attend!</div> <div>Old Business. New Business. Legislative Issues. Election of Board Members!</div>		
<div>4:00pm to 5:00 pm</div>	<div>Nitrate Concerns & Treatment for Small Water Systems</div> <div>McKenzie Butcher, KLJ Engineering LLC</div> <div>We will focus on the increasing nitrate levels in groundwater within the state & exploring viable treatment options. We'll discuss regulations & standards as well as cost assessments.</div> <div>0.1 CEC's Water</div>	<div>Beyond the Meter</div> <div>Eric Ongstad, Sensus, a Xylem Brand</div> <div>Water meters are the cash register for utilities. However they have become so much more. Keys to customer service, leak detection, manage pressure and temperature. Learn what your meters can do for you.</div> <div>0.1 CEC's Water/Clerks</div>	<div>Developing SOPs</div> <div>John Schwartz, USABlueBook</div> <div>John will discuss the importance of having Standard Operating Procedures for all Water & Wastewater duties.</div> <div>0.1 CEC's Dual</div>	<div>Fort Smith Wastewater: Upgrades to Overcome System Challenges</div> <div>Jeremy Perlinski, Robert Peccia & Associates</div> <div>We will focus on the facility planning process & briefly summarize the 20 year planning criteria. Second focus will be on the design of the preferred alternative designs.</div> <div>0.1 CEC's Wastewater</div>		
Thursday Sessions - March 21, 2024						
<div>8:00 am to 9:30am</div>	<div>*Invocation, Star Spangled Banner and Welcome from City of Great Falls</div> <div>*Program Changes, Vendor Announcement, Theme & MRWS—Salute to Operators “30 Years of Service” Awards</div> <div>*USDA - invited</div> <div>*DEQ - invited</div> <div>*DNRC - invited</div> <div>*NRWA - invited</div> <div>0.150 CEC's Dual</div>					
	<div>9:30 am to 10:30 am >>>>>>>>BREAK<<<<<<<<</div>					
<div>10:30am to 11:30am</div>	<div>Partners for Growth - Investing in Our Future</div> <div>Speakers - Invited</div> <div>0.100 CEC's Dual</div>					
<div>11:30am to 12:45pm</div>	<div>MRWS LUNCHEON</div> <div>Guest Speaker - Invited</div>					

	Thursday Afternoon Sessions - March 21, 2024				
	Canadian Room	Britain Room	American Room	Lewis & Clark Room	Missouri Room
1:00pm to 2:00pm	How a Small Community Handles Large Water Infrastructure Projects - An East Helena Chronicle Kaela Murphy & Kyle Myhre, Robert Peccia and Associates A brief recap of the need for the project & design criteria will start this session. Then a look at the timeline, issues that arose, and the ability to maintain water service while the project was under construction. 0.1 CEC's Water	Using Artificial Intelligence to Manage Pipes Bridget Garlinghouse, VODA.ai An AI tsunami is here, transforming industries and lives. AI can help improve distribution network planning and reduce water loss by improving water management, detecting leaks, predicting failures, and optimizing maintenance. 0.1 CEC's Dual	Infrastructure Funding & Administration for Clerks Craig Erickson, Great West Engineering Jodi Rogers, MT League of Cities & Towns Craig and Jodi will explain how to secure grant funds and the steps to follow after receiving the award. Specifically tailored for clerks, Jodi & Craig will provide an overview of the clerk's role in managing infrastructure funding, including creating project files, tracking project funds, & meeting audit requirements. [This is a 2-hour class] 0.2 CEC's Dual/Clerks	SCADA: A Force Multiplier for Operations Graham Arntzen, In Control, Inc. For utilities using SCADA or considering its use, there are often avenues to further use SCADA functionality to strengthen operations, including staffing & on-call capabilities. 0.1 CEC's Dual/Clerks	This Is Not Your Father's Wastewater: You Need a Good Inlet Screen Jim O'Leary, Or-Tec This session will examine how & why we screen, types of screening, specific applications, & how to clean screens. 0.1 CEC's Wastewater
2:30pm to 3:30pm	Inserting Gate Valves on a Live Distribution Line Justin Garrison, Mueller Water Products This will discuss insertion valves, design, compliance & compatibility, & an analysis of insertion valves on the market. We will highlight similarities and purposes as well as installation & delivery options. 0.1 CEC's Water	Total Control Gatlin Gold, Atlas Copco Compressors Automation can reduce maintenance, improve efficiency, and reduce the number of hours employees spend doing menial tasks. We will demonstrate how this all works! 0.1 CEC's Dual		Preparing for the Funding of Your Water or Sewer Project Dan Semmens & Courtney Ellis, Dorsey & Whitney, LLP This session will explore the various resources of funding available and how communities should prepare for issuing bonds. Also an update on fed funding & top 3 snafus & what to do about them. 0.1 CEC's Dual/Clerks	Utilizing Acoustic Inspection to Prioritize Sewer Cleaning Gene Hallum, InfoSense Gene will focus on discussing the practical development of an acoustic inspection program so systems can be proactive rather than reactive in their cleaning protocol. 0.1 CEC's Wastewater
4:00pm to 5:00pm	Trenchless Installation Calculations for HDD, Pipe Bursting, & More Dan Landy, The Alliance for PE Pipe This class will provide detailed information on calculating important design installation equations such as wall buckling & compressive stress, pipe deflection, thermal expansion & more. 0.1 CEC's Water	Water Hydraulics 101 Eric Stearns, DGR Engineering Basic hydraulic concepts will be presented with examples. We will talk about troubleshooting techniques and experience gained in the field. These concepts are useful in troubleshooting low-pressure complaints or planning a hydrant flushing program. 0.1 CEC's Water	Revisions to Lead & Copper Rule & LSL Inventory Greg Montgomery, MDEQ A review of the new LCR improvements from EPA and how systems should prepare. 0.1 CEC's Water/Clerks	Strategies for Quality Lagoon Effluent Tom Daugherty, Triplepoint Environmental, LLC This session will profile real world case studies to evaluate the performance of lagoon rehab alternatives to lower maintenance, energy inputs, & improving treatment. 0.1 CEC's Wastewater	Wetlands: Yes, They Do Work in the Winter! Kristen Brush, Morrison-Maierle, Inc Employing the proper wetland configuration & design specs for the given environmental conditions & influent will result in properly treated wastewater with little to no operator interaction. 0.1 CEC's Wastewater
Thursday Night Banquet - Awards - Montana's Best Tasting Water - Meter Contest - Guest Speaker Invited					
Friday Morning Sessions - March 22, 2024					
8:00am to 9:00am	Pipeline Contingency Planning & Selection of Mechanical Repair Fittings Mike Scholz, JCM Industries, Inc. Mike's class will provide an overview of water pipeline system documentation, questions that mechanical product manufacturers require to supply the correct product, installation tips, & examples of field installations. 0.1 CEC's Water	Knowing Your Board's Responsibilities Al Kelm, MRWS As operators and clerks, you deal with your boards/councils often. If you know their responsibilities, your dealings with them can go much easier. 0.1 CEC's Dual/Clerks	Empowering MT Rural Water Systems with the RIGHT IT Solutions Conor Smith, First Call Computer Solutions What does partnering with an MSP (Managed services provider) look like? We'll discuss levels of security & controls that can be put in place, what can be done today to protect their business, & where they need to get to for 2024. 0.1 CEC's Dual/Clerks	To Inventory & Beyond! LCRI Doesn't Have to Feel Like a Wild Goose Chase Joseph Dyuysen, 120Water Joseph will share some stories if best practices and what has been working as well as regulation updates and what they mean for you going forward. 0.1 CEC's Water/Clerks	Got Sludge? Now What? Planning For Successful Removal Rika Lashley, Morrison-Maierle, Inc This session offers options for responding to excess sludge volumes, including immediate operational changes, additives, & removal. We'll also look at several successful sludge removal projects. 0.1 CEC's Wastewater
9:30am to 10:30am	More Than Just Alarming: Modern Monitoring Solutions Kevin Stock, Streametric This session should empower utilities to install advanced data collection technology, deploying a continuous monitoring solution w/out needing to walk through the plant. 0.1 CEC's Dual/Clerks	Trenchless Installations: Understanding & Benefits Richard Kolasa, WL Plastics Corp/Ineos Group This session will provide an understanding of the various types of trenchless technologies for municipal & sewer applications. Also, insight into the benefits achieved by using these methods from time savings, reduced carbon footprint, to cost savings. 0.1 CEC's Dual	Funding to Mitigate Disasters with "FedFunds" Karen Edwards-Lindsey, USEPA Our session will highlight free tools & guides to assist utilities in detecting, planning, responding, and recovering from water emergencies. Participants will learn about Fed FUNDS through a demonstration and explanation process. 0.1 CEC's Dual/Clerks	Tackling Aging Infrastructure in Montana Mike Uthe, Mueller Water Products Mike will look at different options for making decisions on buried assets. We will discuss some real-life examples & how utilities can save dollars with proactive methods. 0.1 CEC's Dual/Clerks	Solving Infiltration & Corrosion Problems in Sewer Structures Jim Swain, CIP Construction Technologies, Inc We all know hydrogen sulfide gas and anaerobic bacteria make sulfuric acid that's super corrosive. We'll explore solutions such as new construction, spray on liners, pre-fab inserts, & cured-in-place liners. 0.1 CEC's Wastewater
10:45am to 11:45am	Updates on Rates, Charges, & SRF Funding Anna Miller, DNRC A discussion on what's new in the State Revolving Fund funding and utility rates and charges. 0.1 CEC's Dual/Clerks			Peracetic Acid (PAA): What Is It? How Is It Applied? Jacquelyn Wilson, Enviro Tech, An Arxada Company Information on the application & use of peracetic acid, an environmentally friendly alternative disinfectant for municipal wastewater disinfection. 0.1 CEC's Wastewater	Rural Wastewater: Montana's Treatment Lagoons Jordan Sykes, AE2S Highlighting issues facing rural communities served by wastewater lagoons, including both similarities and differences in these projects, drawing from real world project examples. 0.1 CEC's Wastewater
11:45am to 1:15pm	 MRWS LUNCHEON & DRAWINGS *Guest Speaker Invited 				
1:30pm to 5:30pm	  STATE OPERATOR CERTIFICATION EXAMS CANADIAN & BRITAIN ROOMS 				