

Tuesday, April 26
 11:00-2:00 ALASKA Ballroom
 12:00-5:00 Tradeshow Setup
 6:00-8:00 Meet and Greet Reception | Drinking Water Taste Test

Bristol Bay Ballroom
 Prince William Board Room
 AWWMA Board Meeting

TRADESHOW (Alaska & Bristol Bay Ballrooms)	Denali Room (Alaska Ballroom)	REGULATORY (Wastewater): King Salmon Room (Bristol Bay Ballroom 1)	REGULATORY (Water) Iliamna Room (Bristol Bay Ballroom 2)	WASTEWATER Aspen Room (1st Floor)	WATER Spruce Room (1st Floor)	SAFETY Birch Room (1st Floor)	UTILITY MANAGEMENT Willow Room (1st Floor)
7:00-8:30	REGISTRATION - Breakfast (in ALASKA Ballroom):						
8:30-9:30	Opening General Session: Keynote Speaker: Robert Walters, AWWA Chris Browning, WEF (Technical Sessions to start at 9:30 after the opening session and Tradeshow opening in exhibit hall)						
9:30-10:00	Tradeshow opens EXHIBITOR BREAK						
10:00-11:00	Tradeshow	Drinking Water in the 112th Congress: I Hope You Like Rollercoasters! - T Holmes AWWA	Drinking Water Watch - D Edmunds, DEC ID	City of Homer Sewer Rehabilitation - B Gastrock, Steph Engineering	GIS - T Miller, AWWU	Rapid Microbial Methods Can Improve Public Health Protection - M Allen, Water Research Foundation	Supervision 101: (Applicable to 1st line Supervisors in Smaller Utilities w/out HR Support Staff) - K Warren, Retired AWWU Treatment Division Manager
11:00-12:00		Alaska Wastewater Regulations for Dummies - J MacInnes, DEC	Drinking Water Protection (Decommissioning and Well Construction) - C Palmer/C-Miller-DEC	Understanding Polymers - Properties, Types & Uses - D Novak, Nalco	Applications of Ultraviolet Light in Drinking Water Treatment - A Dotson, UAA & K Linden, UC-Boulder	Lock Out/Tag Out - R Sternberg, AWWU	Envisioning Sustainability - The Water Rate Calculator - E Manfred, RUBA
12:00-1:00	Lunch Program (in ALASKA Ballroom): Keynote "New Focus and Direction of the Water Research Foundation" Martin Allen-Water Research Foundation, followed by AWWMA's Awards Program						
1:00-2:00	Tradeshow	State Guidelines for Onsite Wastewater Inspections - J Freeman, J Weitz - DEC	PWS Security and Emergency Response Preparedness - J Oakland, DEC	System Integrity - Managing Corrosion - D Novak, Nalco	WIMS Water Information Management Solution, Software for W/WW plants for Reporting & Process Optimization - A Smith, HACH	Confined Space Operations in the Utility Environment - R Sternberg, AWWU	Building an Asset Management Program - M Beason, RedZone Robotics/ICOMMM
2:00-3:00		Alaska's Onsite Wastewater Programs and the Federal Coastal Zone Management Law - J MacInnes & J Weitz, DEC	Utility Vulnerability and Contingency Response - Video (moderated by M Nason, EAFB)	The Proper Care and Feeding of your Oil/Water Separator - K Guyer, Tutka llc	Fusible C-905* Pipe Helps AWWU Meet Hydraulic Capacity - C Ogle, Underground Solutions		Climate Change - D White, UAF
3:00-3:30	EXHIBITOR BREAK						
3:30-4:30		Water and Wastewater Plan Reviews - J MacInnes & V Wilke, DEC	Alaska Water and Wastewater Agency Response Network (WARN) - J Oakland, DEC	Chemical Storage - B Scrace, WECI	The Relationship Between Protein Level and DBP - J Menough, The Daniels Group	Trenching & Excavation Safety - an AWWA Webcast - M Nason, EAFB (Moderator)	Clean Energy Generation with Integrated Monitoring for Water Utilities - F Bursic, Rentricity
4:30-6:00	Top Ops Competition (in ALASKA Ballroom): Reception, Cash Bar - open invitation to compete (See registration desk for details and rules)						
6:00 on...	Dinner on your own						

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7:00-8:00	REGISTRATION/BREAKFAST (in ALASKA Ballroom)						
8:00-9:00	Tradeshow	Permit-by-Rule: Streamlining the Approval Process for Low-Risk Onsite Wastewater Systems - B Smyth, DEC	Operator Math Review - T Anderson, AITAC	AWWA/WEF Roundtable Discussion - Resources for Water & Wastewater Design & Operations - R Walters AWWA & C Browning, WEF	Integrating GIS-Hydraulic Modeling, Failure Forecasting, & Planning Software to Build a Better RBR Mousetrap - S Garrison, CDM & A Vanrenterghem-Raven, InfraPlan	OSHA 10-Hour (General Industry) - AKOSH	Management 101: Human Resource, Maintenance and Financial - from an O&M Perspective - M Nason, Eielson AFB
9:00-10:00		Design and Approval of NSF Certified Wastewater Systems - N Woolley, DEC		Current Practices in Computer Modeling of WW Treatment Processes - G Jones, GV Jones	Risk Management of Water Mains - E Sorenson, AWWU		
10:00-10:30	EXHIBITOR BREAK						
10:30-11:30		Alaska Pollutant Discharge Elimination Program - M Bonnet, DEC	New EPA SNC List and Enforcement Response Policy and Targeting Tool - K Cobbs - DEC	Analyzing Flow Metering Data to Gain Insights into Collection System Performance for the Girwood Sewershed - T Winkler, AWWU	Selection of pipe products for water transmission mains - A Case Study - K Cheesbrough, HDR & B Robson, MWH/AWWU	OSHA 10-Hour (General Industry) - AKOSH	Alaska Rural Utility Collaborative, an Innovative Program to Partner with Rural AK Communities to Provide Water/Sewer M&O Services - J Nichols, ANTHC
11:30-1:00	Lunch Program (in ALASKA Ballroom): Keynote Speakers; Lt Governor Mead Treadwell, followed by Gerry Andrews "Apprenticeship as a Component of Your Workforce Development Strategy"						
1:00-2:00	Tradeshow	Water and Wastewater Design Roundtable Discussion - V Wilke & J MacInnes, DEC	Disinfection By-Products: Chemistry, History & Challenges for Water Systems - M Pollen, NTL Alaska	Case Study: Asplund Generator MCC Upgrade Project - T Winkler, AWWU	Two Paths to Sustainability, You Choose - R Walters, AWWA	OSHA 10-Hour (General Industry) - AKOSH	Capital Repairs & Replacement (Case Study): Eielson AFB Utility Systems - J - M Nason, EAFB
2:00-3:00				Flow Monitoring: How to select the correct equipment for the application. B Scrace - WECI	Utilizing 3-D design programs (such as BIM) to enhance design, increase communication, and save time - R Moyers & M O'Mullane, HDR Alaska		
3:00-3:30	EXHIBITOR BREAK						
3:30-4:30	Tradeshow (ends after break)	ECHO: Online Wastewater Compliance Records - C Foley, DEC	Coatings & Cathodic Protection for Water/WW Assets - M Cosentino, AWWU	Girwood Inflow and Infiltration Reduction Program - D Pensing, AWWU	Water Distribution in Alaska - Historic Perspectives - D Schubert, GV Jones	OSHA 10-Hour (General Industry) - AKOSH	no session
4:30-6:00	Water For People Benefit (in ALASKA Ballroom): Silent Auction, Reception, Cash Bar						
6:00 on...	Dinner on your own						

Top of the World	8 Hour Workshop III WASTEWATER Aspen Room	8 Hour Workshop II: WATER & WASTEWATER Spruce Room (1st Floor)	2-4 Hour Workshops I WASTEWATER Birch Room	8 Hour Workshop I: SAFETY: Willow Room	8 Hour Workshop III WATER Fireweed Room	2-4 Hour Workshops II WATER & WASTEWATER Lupin Room	Note: All Technical Sessions on Friday will be held in the rooms on the 1st floor
7:00-8:00	REGISTRATION - Breakfast						
8:00-9:00	WASTEWATER FUNDAMENTALS - D Richwine, Richwine Environmental	Pumps & Pumping Workshop - B Feltmas, NW Pump	OSHA 10-Hour (General Industry) - AKOSH	HAZWOPR - 8 Hour Refresher - M Nason, EAFB & D Monteleone, DOT	PRV Workshop - M Lile, Liquid Vocation	Identifying, Prioritizing, Planning & Managing Wastewater Environmental Issues - W Stokes, 1Environment	ALL SESSIONS HAVE BEEN PREAPPROVED FOR 0.1 CEU PER HOUR. WATER/WASTEWATER ARE CORE, SAFETY & GENERAL MANAGEMENT ARE NON-CORE. OBTAIN A SIGN IN CARD AT THE BEGINNING OF EACH SESSION - FILL IT OUT COMPLETELY (AND LEGIBLY). HAND IT TO THE MODERATOR AT THE END OF EACH SESSION. AS PER ALASKA'S OPERATOR CERTIFICATION PROGRAM REQUIREMENTS, WE CAN'T GIVE CEU CREDITS IF YOU ARRIVE MORE THAN 5 MINUTES INTO THE SESSION OR LEAVE BEFORE IT IS FINISHED.
9:00-10:00	Future of Wastewater; Five Laws of Wastewater Treatment: Basic Fundamentals; Headworks - Screening Technologies; Wastewater Disinfection						
10:00-11:00							
11:00-12:00							
12:00-1:00	Lunch Program						
1:00-2:00	ACTIVATED SLUDGE- D Richwine, Richwine Environmental - Activated Sludge Basics; Activated Sludge Growth Factors; Session 7 - Activated Sludge - Membrane Systems	Pumps & Pumping Workshop - B Feltmas, NW Pump	Leveraging Technology to Simplify WW Management" (talking about robots and using a GIS based Asset Management program to manage ww assets) - M Beason, RedZone Robotics/ICOMMM	HAZWOPR - 8 Hour Continued	Distribution Operators Workshop - M Lile, Liquid Vocation & R Steckel, AWWU	Identifying, Prioritizing, Planning & Managing Drinking Water Environmental Issues - W Stokes, 1Environment	
2:00-3:00							
3:00-4:00							
4:00-5:00	SOLIDS HANDLING- D Richwine, Richwine Environmental - Solids Reduction Technologies		Taking Distributed Wastewater Systems to New Heights - WEF Webcast - K Brock, GHJ (Moderator)				
5:00 on	Conference Ends						