



DECEMBER 6-8, 2022

***Attendee
Welcome
Packet***

42nd Annual Conference & Tradeshow
P.O. Box 263, Richmond, ME 04357
(207) 737-4092 | info@mainerwa.org
www.mainerwa.org

TUESDAY NIGHT

*Join us for the trade show reception, sponsored by
Machias Savings and A&L Laboratory featuring live music
from Kate Dagget from 5:00-7:00pm*



**WE ARE VERY PLEASED TO ANNOUNCE THAT THE SAMOSET'S
RESTAURANT WILL BE OPEN TUESDAY AND WEDNESDAY NIGHT!**

WEDNESDAY NIGHT

Join us for the EJ Prescott sponsored reception on the trade show floor from 4:00-6:00pm. After the trade show, The EJ Prescott Afterparty, featuring live music from the band Every Other Sunday, will take place in the Samoset's restaurant from 6:00-8:00pm.



WATER • WASTEWATER • STORMWATER
SOLUTIONS






















































































Sessions at a Glance

TUESDAY, DEC 6TH:

Trade show reception, sponsored by Machias Savings and A&L Laboratory featuring live music from Kate Dagget from 5:00 - 7:00pm

WEDNESDAY

THURSDAY

<p>8:00 - 9:30AM</p>	<ul style="list-style-type: none"> - REGISTRATION - Activated Sludge – Process Control  - Lead Service Line Inventory  - VSWS Treatment Technologies   - How to Look for Red Flags in Utility Districts & Apply Forensic Accounting    	<p>8:00 - 9:30AM</p>	<ul style="list-style-type: none"> - REGISTRATION - PFAS in the Wastewater Process  - Funding Application Process   - Developing a Personnel Policy, It Can Make All the Difference!    - The Skinny on Chemical Feed Pumps   - Easements & Construction Contracts    						
<p>9:40 - 11:10AM</p>	<ul style="list-style-type: none"> - CISA: The Industry’s Partner for the Cyber Security Sector    - Concrete Tank Maintenance   - VSWS Rules Updates   - Managing a Crisis for Water/Wastewater Systems    - HDPE Pipe, Valves, & Fusion   <p>LUNCH & TRADE SHOW</p>	<p>11:45AM - 1:15PM</p>	<p>BRUNCH, TRADE SHOW & TASTE TEST</p> <ul style="list-style-type: none"> - QA/QC Wastewater Samples, Along with DEP Updates  - Water PFAS Sampling Process/ Rules/ Regs/ What’s Next?  - Payroll Compliance Updates    - Building Relationships Between Cities & Districts    - Leadership Forum    						
<p>12:40 - 2:10PM</p>	<ul style="list-style-type: none"> - Asset Management for New Wastewater Asset Rules  - DWP & EPA Updates  - It’s Not Just Filling a Bottle: Proper Sampling Techniques    - CISA: Physical Security Support to Water/Wastewater    - Hydrants & Valves - Proper Operation  	<p>1:25 - 2:55PM</p>	<ul style="list-style-type: none"> - Inflow/Infiltration – Location, Measuring, Remediation  - Leak Detection & Line Location   - When People Don’t Pay – PUC Rules     - GIS/GPS Applications   						
<p>2:20 - 3:50PM</p>	<ul style="list-style-type: none"> - Stand-by Power & Energy Storage    - How to Work With an Engineer    - VSWS Sanitary Survey/ Field Items   - Project Management - Start to Finish    <p>TRADE SHOW & RECEPTION 4:00 - 6:00PM</p>	<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center; background-color: #00A0C0; color: white; margin: 0;">EDUCATION TRACK KEY</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> Water</td> <td style="width: 50%; padding: 5px;"> Wastewater</td> </tr> <tr> <td style="padding: 5px;"> VSWS</td> <td style="padding: 5px;"> Wastewater Management</td> </tr> <tr> <td style="padding: 5px;"> Mgmt/Admin</td> <td></td> </tr> </table> </div>		 Water	 Wastewater	 VSWS	 Wastewater Management	 Mgmt/Admin	
 Water	 Wastewater								
 VSWS	 Wastewater Management								
 Mgmt/Admin									

TUESDAY, DECEMBER 6TH: 5:00-7:00PM

Welcome Reception & Trade Show

Sponsored by Machias Savings and A&L Laboratory, featuring live music from Kate Dagget

Registration Opens Wednesday December 7th at 7:00am

WED, DEC 7TH: CONCURRENT SESSION 1 8:00-9:30AM

ROOM: CAMDEN	<p><i>Activated Sludge – Process Control</i></p> <p>STEVE CLIFTON - UNDERWOOD ENGINEERS</p> <p>An overview for operators of activated sludge domestic wastewater treatment facilities to provide a list of recommended process control tests, what parameters to test for, and why they are important. Steve will discuss system design theory, process problems and solutions.</p>
ROOM: OWL'S HEAD	<p><i>Lead Service Line Inventory</i></p> <p>CHRISTINA TRUFANT & AMY LACHANCE - MAINE DWP</p> <p>A discussion of the new federal Lead and Copper Rule, particularly focusing on guidance for completing service line inventories.</p>
ROOM: SPRUCE HEAD	<p><i>VSWS Treatment Technologies</i></p> <p>JEFF TWITCHELL - AIR AND WATER QUALITY</p> <p>This class outlines the technical, operational and managerial issues involved in implementing a Point Of Use (POU) or Point of Entry (POE) treatment strategy for removing multiple contaminants.</p>
ROOM: PENOBSCOT BAY	<p><i>How to Look for Red Flags in Utility Districts & Apply Forensic Accounting</i></p> <p>KEVIN EDWARDS & RON SMITH - RHR SMITH</p> <p>A thorough discussion on warrants, internal controls and accounting principals when looking for “red flags” and how to prevent fraudulent practices. Setting policies and procedures, increasing communication between Boards and Superintendents and asking questions to obtain more detailed information will be emphasized.</p>

WED, DEC 7TH: CONCURRENT SESSION 2 9:40-11:10AM

ROOM: CAMDEN	<p><i>Managing a Crisis for Water/Wastewater Systems</i></p> <p>MATT DEMERS & STEPHANIE HALL - MRWA</p> <p>Topics for discussion include: What is a crisis?, getting prepared - developing relevant ERPs, pre-incident response and early alert systems, responses - determining the scope of the crisis, and recovery - communications throughout the crisis.</p>
ROOM: OWL'S HEAD	<p><i>HDPE Pipe, Valves, and Fusion</i></p> <p>ADAM PORTER - EJ PRESCOTT</p> <p>Introduction to HDPE pipe and fittings. Overview of fittings and components selection, proper equipment usage for the job, fusion techniques to include butt fusion/electrofusion/saddle fusion/socket fusion and new HDPE technology updates.</p>
ROOM: SPRUCE HEAD	<p><i>VSWs Rules Updates</i></p> <p>AMY LACHANCE - MAINE DWP</p> <p>A discussion of Drinking Water Regulations as they apply to small public water systems, providing information to maintain compliance.</p>
ROOM: PENOBSCOT BAY	<p><i>Concrete Tank Maintenance</i></p> <p>JOE PAPPO - DN TANKS</p> <p>This discussion will cover common storage tank improvements such as cleanings, coating application, waterproofing, sanitary and safety upgrades, water quality and preventive maintenance.</p>
ROOM: SCHOONER	<p><i>CISA : The Industry's Partner for Cyber Security Sector</i></p> <p>VICTOR SAREMI & CHERI AYOUB - U.S. DEPARTMENT OF HOMELAND SECURITY</p> <p>Topics for discussion include: The importance of securing facilities, the current threats to facilities, resources for assessments and for infrastructure, and how often should security measures be reviewed. Bring your questions!</p>

Lunch & Trade Show 11:10AM - 12:40PM

WED, DEC 7TH: CONCURRENT SESSION 3 12:40-2:10PM

ROOM: CAMDEN	<p><i>Hydrants & Valves- Proper Operation</i></p> <p>MIKE GANEM - EJ PRESCOTT</p> <p>Overview of proper operation of hydrants and valves, how to develop good working relationships between fire departments and water districts, valve exercising, flushing and pressure monitoring.</p>
ROOM: OWL'S HEAD	<p><i>DWP & EPA Updates</i></p> <p>AMY LACHANCE & BILL DAWSON - MAINE DWP, TED LAVERY - USEPA</p> <p>An update on Drinking Water Regulations from a federal and state perspective, including brief overviews of PFAS, Lead and Infrastructure Funding topics.</p>
ROOM: SPRUCE HEAD	<p><i>It's Not Just Filling a Bottle: Proper Sampling Techniques</i></p> <p>REBECCA LABRANCHE - A&L LAB</p> <p>Accurate data begins long before your sample is in the laboratory. Field measurements, sample collection, and sample transportation have a large impact on the accuracy of your results. This course will cover the sampler's role in understanding their required testing schedule, collecting quality samples, maintaining field equipment, and interpreting their water test results. Quality data is a team effort from all those involved in the determination of sampling locations, the collection of samples and the analysis. Learn how to communicate with both your system inspector and your laboratory to achieve the most accurate data possible.</p>
ROOM: PENOBSCOT BAY	<p><i>Asset Management for New Wastewater Asset Rules</i></p> <p>BOYD SNOWDEN - SNOWDEN CONSULTING ENGINEERS, INC.</p> <p>Renewing and replacing the nation's public infrastructure is an ongoing task. Asset management can help a utility maximize the value of its capital as well as its operations and maintenance dollars. Asset management provides utility managers and decision makers with critical information on capital assets and timing of investments.</p>
ROOM: SCHOONER	<p><i>CISA: Physical Security Support to Water/Wastewater</i></p> <p>T. J. SWENSON - CISA PROTECTIVE SECURITY ADVISOR FOR THE STATE OF MAINE</p> <p>Topics for discussion include: The State of Maine and National Water and Wastewater Sector threat overview, and general security practices for the Water and Wastewater sector. We will allow time for questions.</p>

WED, DEC 7TH: CONCURRENT SESSION 4 2:20-3:50PM

ROOM: CAMDEN	<p><i>Project Management – Start to Finish</i></p> <p>ANDY BEGIN - GREATER AUGUSTA UTILITY DISTRICT</p> <p>Topics for discussion include: How to develop a project management system, concept to design, design to construction, resources needed to administer and manage a project, what to expect out of construction schedules, and project closeout.</p>
ROOM: OWL'S HEAD	<p><i>Stand-by Power and Energy Storage</i></p> <p>TOM GALLO, FRANK KREIDEMAKER, & SCOTT DAIGLE - MILTON CAT</p> <p>System design considerations, choosing the best fuel source sound emissions and other best practices. Overview of commercially available products and insight on how these systems may be able to reduce energy costs as well as make facilities more resilient against power loss. Discussions on recommended maintenance intervals, inventory items, remote monitoring capabilities and load testing.</p>
ROOM: SPRUCE HEAD	<p><i>VSWS Sanitary Survey/Field Items</i></p> <p>MARY BOURQUE & AMY LACHANCE - MAINE DWP</p> <p>Join the DWP for a discussion of Public Water Systems operations and the inspection process. Important information necessary to maintain compliance will be offered.</p>
ROOM: PENOBSCOT BAY	<p><i>How to Work With an Engineer: Yes, it can be Done!</i></p> <p>TRAVIS NOYES, PE & JUSTINE DRAKE, EI - HALEY WARD</p> <p>Engineers ask a lot of questions. Ever wonder why? Join Travis Noyes, PE Chief Operating Officer and Executive Vice President, Bethany Ordnung, PE, Regional Manager, and Justine Drake, EI, Civil Engineer, as they provide insight to working with engineers that is applicable to all types of consultants. This session will cover the best practices and good & the not-so-great examples of what can happen when the relationship goes south. Come for the engineer jokes but you'll stay for the information that can help your municipal projects succeed.</p>

Trade Show 4:00PM - 6:00PM

Join us for the EJ Prescott sponsored reception on the trade show floor!

Prize drawing will take place at 5:45pm

The EJ Prescott Afterparty, featuring live music the band Every Other Sunday, will take place in the Samoset's restaurant from 6:00-8:00pm.

THURS, DEC 8TH: CONCURRENT SESSION 1 8:00-9:30AM

ROOM: CAMDEN	<p><i>PFAS in the Wastewater Process</i></p> <p>JUDY BRUENJES - MAINE DEP & JEFF MCBURNIE - CASELLA RESOURCE SOLUTIONS</p> <p>Join us for an overview of the newly implemented LD 1911 law that requires wastewater effluent from licensed surface and supplemental dischargers to test for PFAS. This will include a discussion on how DEP plans to coordinate sample collection, interface with the contract lab, QA/QC, data flow into the State's PFAS database, and report generation on the DEP PFAS website.</p>
ROOM: OWL'S HEAD	<p><i>The Skinny on Chemical Feed Pumps - Hands on Exercise</i></p> <p>DANNY SMITH - TISALES</p> <p>An overview of what a chemical feed pump is, metering pump basic components, how it works, pump characteristics, capacity and pressure capabilities. Hands-on pump rebuild with the instructor.</p>
ROOM: SPRUCE HEAD	<p><i>Developing a Personnel Policy, It Can Make All the Difference!</i></p> <p>PETER LOWE - BRANN & ISAACSON</p> <p>Discussions on "When is it time for a new policy?", policy content, identifying company values, clarify eligibility requirements, allowing for exceptions, communicating with employees, and policies to attract and retain top talent. Peter is the best in the industry!</p>
ROOM: PENOBSCOT BAY	<p><i>Funding Application Process - Small Bills Please!</i></p> <p>WILLIAM DAWSON - MAINE DWP</p> <p>A power point overview of all funding sources available for small water systems to address issues such as service line inventory, treatment and distribution system upgrades, physical and cyber security protection, PFAS contamination and many others.</p>
ROOM: SCHOONER	<p><i>Easements & Construction Contracts</i></p> <p>SPENCER HOFFMAN - PRETI FLAHERTY</p> <p>The goal for this discussion includes the following learning objectives: overview of easements (what are they, and what exactly do they entitle the utility to do?), how do you/when should you modify the terms of an easement, what happens if your project will cause a deviation from the terms of the easement, how/when to record an easement, how to determine how many/where/what easements a utility may have if no records are available at the utility's office, and construction matters: review of main easements and appropriate insurances.</p>

Trade Show, Brunch, & Taste Test 9:30 - 11:45am

Prize drawing at 11:30am

THURS, DEC 8TH: CONCURRENT SESSION 2 11:45AM-1:15PM

ROOM: CAMDEN	<p><i>QA/QC Wastewater Samples</i></p> <p>BRETT GOODRICH - MAINE DEP</p> <p>This class will provide an overview of Quality Control Sample Requirements, Quality Assurance Testing and Proper Sampling Techniques.</p> <p><i>Wastewater Regulations – DEP Updates</i></p> <p>GREGG WOOD - MAINE DEP</p> <p>Gregg will inform our industry on wastewater regulations as they apply to public wastewater treatment facilities and providing information to maintain compliance.</p>
ROOM: OWL'S HEAD	<p><i>Water PFAS Sampling Process/Rules/Regs/What's Next?</i></p> <p>AMY LACHANCE & ALEX PUGH - MAINE DWP</p> <p>This presentation focuses on the new legislation that mandates all Community Public Water Systems, and Non-Transient, Non-Community (NTNC) schools and childcare facilities to sample finished drinking water for PFAS. The speakers will explore background information on PFAS, specifics of the new legislation, proper sampling protocol, and the next steps in the event that PFAS is found in excess within the finished water of a Public Water System.</p>
ROOM: SPRUCE HEAD	<p><i>Payroll Compliance Updates</i></p> <p>ASHLEY ADAMS - CAREER MANAGEMENT ASSOCIATES & CHRIS CLUFF - PAPERTRAILS</p> <p>Payroll compliance means adhering to all federal, state, and local regulations that govern how employees are paid. Discussions on taxable/non-taxable rules, filing dates, clothing/vehicles, fuel tax refund, Maine Revenue Service etc.</p>
ROOM: PENOBSCOT BAY	<p><i>Building Relationships Between Cities & Districts</i></p> <p>BRIAN TARBUCK - GREATER AUGUSTA UTILITY DISTRICT</p> <p>Join us for a case study of how one utility was able to navigate communications and build a better relationship with their city. This session will offer thoughts on ways to build and maintain amicable and proactive relationships between utility districts and city councils.</p>
ROOM: SCHOONER	<p><i>Leadership Forum</i></p> <p>KEITH POOLER, PENNY LOWE, JON ZIEGRA, STEVE BECHARD, & ZACH LOVELY</p> <p>This interactive round table discussion will provide an overview of succession planning, exit strategies, board relations, on-boarding trustees, public relations, and management transition based on experiences of the panel members.</p>

THURS, DEC 8TH: CONCURRENT SESSION 3 1:25-2:55PM

ROOM: CAMDEN	<p><i>Inflow/Infiltration – Location, Measuring, Remediation</i></p> <p>COLE MELENDY - UNDERWOOD ENGINEERS</p> <p>This class will provide an overview of the various techniques used to locate I&I, estimate the amount of I&I entering the system and identify the potential sources, ways to remediate I&I. Data collection techniques, interpreting the results, and reducing costs of treatment will also be discussed.</p>
ROOM: OWL'S HEAD	<p><i>Leak Detection & Line Location</i></p> <p>NICHOLAS BATES - EJ PRESCOTT</p> <p>Discussion includes successful water leak detection and line location techniques, the importance of leak detection, leak audit procedures, potential sources and emerging leak detection technologies.</p>
ROOM: SPRUCE HEAD	<p><i>When People Don't Pay – PUC Rules</i></p> <p>ABE HABIB & KAREN ARBOUR - MAINE PUC</p> <p>This important session will provide an overview of the PUC disconnection procedures and rules for non-payment, safety, no access, disconnection notices, customer contact/non-contact, in field disconnection, and re-connection. The PUC will also discuss deposits & payment arrangements, customer complaints (CAD and Commission) and investigations.</p>
ROOM: SCHOONER	<p><i>GIS/GPS Applications</i></p> <p>TORA JOHNSON - UNIVERSITY OF MAINE</p> <p>Computer mapping and GPS are indispensable tools in managing water resources, and recent advances in the technology have made them easier to use and more affordable. Participants in this workshop will learn about a variety of ways digital mapping and GPS tools can be used in managing rural water systems, including some hands-on activities using smartphone apps. Weather permitting, we will do a brief outdoor data collection activity.</p>

Thank you to our Website & Program Sponsors!



WATER • WASTEWATER • STORMWATER
SOLUTIONS



**Woodard
& Curran**

CLOW
VALVE CO.

