

## **Attendee Packet**

- EDUCATION
- **▲ LEADERSHIP**
- RECOGNITION
- COMMUNITY

**SEPT 21-23** 

**Grand Summit Resort** & Conference Center SUNDAY RIVER

For more information www.mewea.org



## 2022 Executive Committee

#### President

Dave Beauchamp, Vortex Companies

First Vice President

Tim Wade, TW Environmental

Consultant

Second Vice President Gretchen Anderson,

Town of Windham
Immediate Past President

Phil Tucker, York Sewer
District

Secretary/Treasurer

Jeff McBurnie. Casella Organics

NEWEA State Director Paula Drouin, LAWCPA

#### **Committee Chairpersons**

#### **Awards**

Mike Guethle, Wright-Pierce

Collection Systems

Ben Stiles, Wright-Pierce Communications

Bryanna Denis, Wright-Pierce

#### Convention

Phil Tucker, York Sewer District Stacy Thompson, City of

Stacy Thompson, City of Saco WRRD

**Government Affairs** 

Amanda Smith, Bangor Wastewater

Emily Prescott, Saco WRRD

#### Laboratory

Andy Wendell, Clear Water Lab

#### Membership

Rob Pontau, Brunswick Sewer District

Personnel Advancement

Charlene Poulin,
Portland Water District

#### Pretreatment

Terry Tucker, York Sewer District

#### Public Relations – TBD Residuals Management

Travis Peaslee, LAWPCA Andre Brousseau, Sanford Sewage District

#### Stormwater

Sarah King, Haley Ward Inc. Kristie Rabasca,

Integrated Environmental Engineering

Treatment Plant Ops.

Alex Buechner, Biddeford

Young Professionals

Brody Campbell, Wright-Pierce

### **MEWEA 2022 Fall Convention**

#### Dear friends/colleagues:

On behalf of the Maine Water Environment Association, I am honored to personally invite you to join us at the 2022 Fall Convention, to be held at the Sunday River Resort at Newry, Maine from September 21-23.

The convention will kick off as usual with our annual golf tournament on Wednesday, September 21st. You can decide to golf or just spend the day enjoying the scenic area. Please be sure to sign up and attend the Wednesday evening BBQ dinner after the golf tournament.

September 22 & 23 you will have the opportunity to attend excellent technical presentations. It is a great opportunity for water professionals in Maine to get together for the purpose of learning, networking, and perhaps even a little fun. Immediately following the sessions on Thursday, will be the Meet & Greet. This is a time to network with vendors, fellow operators, learn more about products and have a good time! Again, the Collection Systems Committee will be hosting the annual cornhole tournament following the Meet & Greet. The convention is designed to offer something valuable to each one of you, whether you are a long-standing member, brand-new member, student considering entering the field, contractor, vendor, regulator, or an elected official. Together, we make a diverse and amazing group of water professionals, and the convention allows us to connect and learn a lot from each other as well.

Our Convention Committee and Personnel Advancement Committee did a fantastic job putting together the Sessions/Speakers. We hope you find this year's session offerings both interesting and relevant.

Again, thank you all who helped put this Convention together. We look forward to seeing you at what promises to be an opportunity to learn and expand your network.

Sincerely,

Dave Beauchamp Vortex Companies 2022 President/MeWEA

## **Session Map**

## Thursday, September 22, 2022

<u>Time</u> <u>Title</u> <u>Location</u>

7:00am – 8:00 am Registration and Breakfast South Wing Lobby 8:00am – 8:30am Vendor Time Grand Ballroom

#### **Session 1: Rethinking Reorganization**

Room: Ballroom 3

Course Instructor: Rob Pontau, Brunswick Sewer District

**Course Description:** 

This presentation will discuss the reshaping of Brunswick Sewer District's entire organization to fit the needs of their community and staff, due to retirement of both the General Manager and a supervisor with over 30 years

of experience.

Time: 8:30 AM - 9:30 AM

TCH: 1 BLWSO, 1 DEP

TCH: 1 DEP (Operations)

(Management)

## Session 2: Practical Hydraulics – Design and Operations Considerations and Lessons Learned with Wastewater Pumping Systems

Room: Simonds Course Instructor: Fred Mueller, PE, Tighe & Bond

Course Description:

This presentation will review some basic concepts in the design and operation of pumping and piping systems with a focus on wastewater

operations and then provide a detailed overview of the more detailed design

considerations that if overlooked could negatively impact operations.

#### Session 3: Biosolids Master Planning during Regulatory Changes

Room: Ketchum

Course Instructor: Scott Firmin, Portland Water District and Tracy Chouinard,

**Brown and Caldwell** 

Course Description:
Time: 8:30 AM - 9:30 AM

ime: 8:30 AM - 9:30 AM

This presentation will outline PWD's path to sustainability and the safe

managing and processing of biosolids, considering emerging contaminants

TCH: 1 DEP (Operations) and evolving regulations.

Ti<u>me</u> Title

9:30am - 10:00 am Break/Vendor Time

#### Location

Grand Ballroom

#### Session 4: Bridging Differences for Inclusion

Room: Ballroom 3

(Management)

Course Instructor: Jasmine Strout and Ko Ishikura, Green International

Affiliates

Time: 10:00AM - 11:00AM

Course Description:

TCH: 1 BLWSO, 1 DEP

This presentation will cover eliminating subconscious bias and hiring employees that align with diverse culture through hiring practices. Promoting diversity through workshops, celebration, and events.

#### Session 5: "Project Pipeline" Resiliency Projects in Maine

Room: Simonds

Course Instructor: Maeve Carlson, Wright-Pierce

**Course Description:** 

Time: 10:00AM - 11:00AM

TCH: 1 BLWSO, 1 DEP

(Operations)

This presentation will focus on how to identify, formalize, and then apply for support for projects that have climate resiliency. The presentation will be talking about resiliency in general and will highlight some of the specific programs that help organize and fund these projects.

#### Session 6: Designing for Uncertainty – A Case Study of the Kennebunk **Wastewater Treatment Facility**

Room: Ketchum

Course Instructor: Don Esping, Brown and Caldwell; Mark Allenwood, Brown

and Caldwell; Chris Gallant, Kennebunk Sewer District

Time: 10:00AM - 11:00AM

**Course Description:** 

TCH: 1 DEP (Operations)

This presentation will cover the alternatives analysis and business case evaluation done at KSD, with an aim to provide guidance to utilities and engineers as to ways to design and build flexibility for uncertain permit requirements. (BCE) given this uncertainty and the impending need to replace the RBCs. The presentation will cover the alternatives analysis and BCE with an aim to provide guidance to utilities and engineers as to ways to design and build flexibility for uncertain permit requirements.

<u>Time</u>

11:00am - 11:30 am 11:30am - 12:15 pm 12:30pm - 1:30 pm <u>Title</u>

Break/Vendor Time
Meeting/Awards Presentation
Lunch

**Location** 

Grand Ballroom Ballroom 3 Camp Restaurant

Session 7: LD1911 Presentations/Roundtable Part 1		
Room: Ballroom 3	Course Instructor: Chris Dwinal - Wright Pierce; Nick Rico - Wells; Roland Arsenault - Rumford-Mexico; David Hughes - Scarborough; Andre Brousseau - Sanford; Phil Tucker - York; Scott Firmin - Portland Water District	
Time: 1:30PM - 2:30PM	Course Description:	
TCH: 1 DEP (Operations)	This presentation will cover the cost implications for disposal resulting from LD1911, options that communities are looking into to just get through, and options for long-term planning for biosolids handling.	

Session 8: Modeling for Success: Upgrading Lagoon Based Treatment Systems to Meet More Stringent Limits for BOD, TSS, and Nutrient Removal		
Room: Simonds	Course Instructor: Mark Rasor, Lemna Environmental Technologies	
	Course Description: This presentation will provide data and specific case studies demonstrating	
Time: 1:30PM - 2:30PM	the predicted performance vs. actual data using the model that Lemna	
TCH: 1 DEP (Operations)	Environmental Technologies has created.	

Session 9: Using storage to improve water quality in Casco Bay			
Room: Ketchum	Course Instructor: Owens McCullough and Brad Roland, Sebago Technics, City of Portland		
Time: 1:30PM - 2:30PM TCH: 1 DEP (Operations)	Course Description: This presentation will go over the progress of the Back Cove South Storage Facility (BCSSF) and construction thus far along with numerous aspects of the project.		
Ton. Ther (Operations)	project.		

TimeTitleLocation2:30pm - 3:00 pmBreak/Vendor TimeGrand Ballroom

Session 10: LD 1911 Presentations/Roundtable Part 2			
Room: Ballroom 3	Course Instructor: Chris Dwinal - Wright Pierce; Nick Rico - Wells; Roland Arsenault - Rumford-Mexico; David Hughes - Scarborough; Andre Brousseau - Sanford; Phil Tucker - York; Scott Firmin - Portland Water District		
Time: 3:00PM - 4:00PM	Course Description:		
TCH: 1 DEP (Operations)	This presentation will cover the cost implications for disposal resulting from LD1911, options that communities are looking into to just get through, and options for long-term planning for biosolids handling.		

Session 11: You Can't Afford Not to Plan		
Room: Simonds	Course Instructor: Mike Schrader, PE; Tighe & Bond Course Description:	
Time: 3:00PM - 4:00PM  TCH: 1 BLWSO, 1 DEP (Operations)	This presentation will cover how a long-term capital plan based upon a data driven asset management approach, combined with a comprehensive financial/rate model can help with planning for a range of uncertainties.	

Session 12: IPT Permits vs. Best management practices			
Room: Ketchum	Course Instructor: Theresa Tucker, York Sewer District		
	Course Description:		
Time: 3:00PM - 4:00PM	This presentation will compare best management permits vs. a full permit and some of the benefits a best management practice permit can have and what types of facilities they are good for.		
TCH: 1 BLWSO, 1 DEP (Operations)	what types of facilities they are good for.		

<u>Time</u>	<u>Title</u>	<u>Location</u>
4:00pm – 6:00 pm	Meet & Greet	Grand Ballroom
6:00pm	Cornhole Tournament	Moonstruck/Patio/Lawn

## Friday, September 23, 2022

<u>Time</u> <u>Title</u> <u>Location</u>

7:00am – 8:00am Registration & Breakfast Camp Restaurant

#### Session 13: Operating Selectors (what to expect when you are selecting)

Room: Ballroom 3

Course Instructor: Scott Firmin, Portland Water District

**Course Description:** 

This presentation will provide an overview of selectors and review performance of the technology at a treatment plant over several years.

TCH: 1 DEP (Operations)

TCH: 1 DEP (Operations)

TCH: 1 BLWSO, 1 DEP

(Operations)

#### Session 14: COVID-19 in Wastewater: What the Samples are Saying

Room: Simonds

Course Instructor: Phyllis Rand, Greater Augusta Utility District

Course Description:

This presentation will discuss the results, the public's initial and current reaction, and use of the data by state and federal agencies that monitor the

spread of Covid-19 from GAUD's influent wastewater sampling for the SARS-

CoV-2 virus from 2020-2022.

#### Session 15: Building Resiliency Part 1: Strategic Planning and Preparation

Room: Ketchum

Course Instructor: Thomas Bahun II and Dan Bahun, Tom's Water Solutions

Course Description:

This presentation will take a deep dive into the creation and maintenance of SOPs with consideration to formatting, organizing, and reviewing. Next it will make into great training learning about time, trials, and methods to greating

move into cross training, learning about tips, tricks, and methods to creating

and implementing a cross training plan.

TimeTitleLocation9:00am - 10:00amBreak/Vendor TimeGrand Ballroom

#### Session 16: Don't Treat Your Soil Like Dirt (and other life lessons to reduce the adverse impacts of stormwater)

Room: Ballroom 3

Course Instructor: Fred Dillon, City of South Portland

**Course Description:** 

Time: 10:00AM - 11:00AM

TCH: N/A

This presentation will cover the pesticide and fertilizer ordinance in South Portland, which support the City's MS4 program. Overview and update will be provided on the City's methods to reduce perceived regulatory burdens while still maintaining the environmental protections specified in the

ordinance.

#### Session 17: Building Resiliency, Part 2: As Easy As Tying Your Shoe

Room: Ketchum

Course Instructor: Thomas Bahun II and Dan Bahun, Tom's Water Solutions

**Course Description:** 

Time: 10:00AM - 11:00AM

TCH: 1 BLWSO, 1 DEP

(Operations)

This presentation will be an interactive SOP development class. Join them for a hands-on experience in the creation and utilization of SOPs.

Session 18: Intrastructure Assessment and Rehabilitation			
Course Instructor: Laurie Perkins, Wright-Pierce			
Course Description:			
This presentation will discuss the need for infrastructure assessment to identify structural deficiencies, I/I sources, and the overall asset management approach involving issues, solutions, rehab, and cost.			

Time Title 11:00am - 12:00pm Lunch

<u>Location</u>

Camp Restaurant

#### Session 19: Low Hanging Fruit: Making Cybersecurity Easy

Room: Ketchum

Course Instructor: Thomas Bahun III, Tom's Water Solutions

Course Description:

Time: 12:00PM - 1:00PM

This presentation will explore cybersecurity for the water and wastewater sectors with emphasis on the low hanging fruit that anyone, regardless of

technical expertise, can implement to improve their security.

TCH: 1 BLWSO, 1 DEP

(Operations)

#### Session 20: In The Thick of It: Practical Advice for Thickening and Dewatering Upgrades

**Room: Simonds** 

Course Instructor: Erik Osborn and Tom Herer, Woodard and Curran

**Course Description:** 

in the disposal market.

Time: 12:00PM - 1:00PM

This presentation will give practical advice on how to take your solids handling operations to the next level using examples from recently completed projects in Maine and elsewhere, including PFAS and other trends

TCH: 1 DEP (Operations)

#### Session 21: PFAS Effluent Sampling Project

Room: Ballroom 3

Course Instructor: Judy Bruenjes, Jim Crowley, Brett Goodrich – DEP

Time: 12:00PM - 1:00PM

**Course Description:** 

TCH: 1 DEP (Operations)

LD 1911, signed on April 22, allows Maine DEP to require sampling of wastewater effluent from licensed surface and supplemental dischargers for perfluoroalkyl and polyfluoroalkyl (PFAS) compounds. DEP will initiate an effluent sampling project in the fall of 2022 that will run for approximately

10 months.

This talk will cover the effluent sampling project, including overall methodology and goals, sampling techniques, preservation and hold times, laboratory analysis and reports, data flow, Chain of Custody (CoC), field data sheets, QC samples, and equipment decon. DEP will discuss the different sample collection approaches for 1) public facilities with surface water discharges, 2) public spray irrigation facilities with discharges to the ground sampled by monitoring wells, 3) ambient water samples collected from samples points within ½ mile of the surface water collection point, and 4) private systems.

TimeTitleLocation1:00am - 1:10amBreak TimeGrand Ballroom

Session 22: Government Affairs/DEP Updates		
Room: Ballroom 3	Course Instructor: Gregg Wood, GA Committee	
Time: 1:10PM - 2:10PM	Course Description: This presentation will update members on current activities of MEWEA's Government Affairs Committee and have updates from the Maine Department of Environmental Protection.	
TCH: 1 DEP (Operations)		

Session 23: Holistic Approach to Maintaining and Restoring Sewer Systems			
Room: Ketchum	Course Instructor: Shawn Ready, Vortex Companies  Course Description:		
Time: 1:10PM - 2:10PM  TCH: 1 DEP (Operations)	This presentation will provide a holistic approach to maintaining and restoring aging sewer systems, and look at different assessment approaches, design, and recommendations of rehabilitation methods.		
Ton. 1 DEI (Operations)			

## 2022 Attendee/Guest Registration Form MeWEA 2022 Fall Convention – Sunday River – Sept. 21-23, 2022

Complete and return this form with your check made payable to: MeWEA, 15 University Dr, Augusta, ME 04330 or 207-623-9511 or register online and pay with credit card, visit www.mewea.org

ATTENDED INCODARATION / DILLING INCODARATION

ATTENDED INFORMATION /	BILLING INFOR	WAIION	1** 1111	ie Allende	· <b>E</b>
Full Name: Title:					
Employer:					
Billing Address:		Cit	y/State/Zip:		
Phone:		Email:			
FULL CONFERENCE: REGISTI					
Young Professional (less the MeWEA / MWUA Member Non-member Lifetime member	an 5 years in in	dustry)		\$100 \$205 \$290 \$100	\$ \$ \$
THURSDAY REGISTRATION (I Includes: Thursday sessions, Thur				. Greet	
MeWEA / MWUA Member Non-member Lifetime member or Young JETCC (MCS)	Professional (I	ess than 5 ye	ears in industry)	\$105 \$150 \$50 N/C	\$ \$ \$ \$ 0
<b>FRIDAY REGISTRATION</b> (Befolincludes: Friday sessions, Friday			ncheon		
MeWEA / MWUA Member Non-member Lifetime member or Young JETCC (MCS)	Professional (I	ess than 5 ye	ears in industry)	\$105 \$150 \$50 N/C	\$ \$ \$ \$ 0
DOOR REGISTRATION (After	r September 12	2, 2022)			
MeWEA/MWUA Member Non-member	<b>Both Days</b> \$260 \$350	<b>Thursday</b> \$130 \$175	<b>Friday</b> \$130 \$175		\$ \$
GUEST INFORMATION & ME	AL TICKETS				
Full Name:					
Wednesday BBQ Dinner Thursday luncheon Friday buffet breakfast Friday luncheon	# of Ti # of Ti # of Ti # of Ti	ckets S	\$30/each \$25/each \$15/each \$20/each		\$ \$ \$

**ADA** - In order to ensure your complete participation, please let us know of any special requirements you need. **Cancellations**: To obtain a refund, you must notify MeWEA by Sept. 6, 2022 (minus a \$10 fee for processing. All cancellations are subject to an administrative fee of \$10. No refunds after Sept. 12, 2022. **Inquiries**: Please contact Cindy Wade or Joan Kiszely at 207.623.9511

### 2022 Individual Registration Form

#### MeWEA 2022 Fall Convention – Sunday River – Sept. 21-23, 2022

Grand Summit Hotel at Sunday River Resort & Conference Center Arrival: Tuesday, Sept. 20, 2022 Departure: Friday, Sept. 23, 2022

LODGING PREFERENCE	NIGHTLY RATE/ROOMa
Standard room (2 queen beds – sleeps 2-4)	\$122
Studio Superior (1 queen Murphy bed and kitchenette – sleeps 2)	\$122
Studio Deluxe (1 queen Murphy bed, 1 sleep sofa, kitchenette – sleeps 4)	\$122
1 Bedroom Suite (1 queen bed, 1 sleep sofa, kitchenette – sleeps 4)	\$146
2 Bedroom Suite	\$245
3 Bedroom Suite	\$335

First night's stay is due at the time of booking, with the remaining balance due two weeks prior to arrival. If booking within two weeks or arrival, the full balance is due at the time of booking.

\*Please check your lodging preference. Each per room, per night rate includes: 1 night of lodging at the Grand Summit Hotel and the use of all hotel amenities, 9% tax and 13% resort fees are included. If you are tax exempt, we require a State of Maine tax-exempt form sent to us with your reservation form. You will also need to provide a copy of your tax-exempt form at check in. All payments for the tax-exempt portion of your stay must be paid by the name of the person, business or organization on the tax -exempt form\*

Reservation and deposit must be received by **August 20**, **2022**. Group rate and availability cannot be guaranteed beyond this date.

## When making your reservation, please refer to group code: 8635W9 Online booking link – <u>CLICK HERE</u> to be directed to the group page.

Arrival date		Departure d	late	
Address				
City		State	Zip Code	
Email address (for	confirmation)			
Special requests _				
Card type	Card #		CVC code	Exp
824-5195. If you have Friday. Sunday River not received within must be received a cancellations are marefunded. Shortening	s event, please comple ve any questions, pleas er accepts checks and 5 days. For refund of d t least 15 days prior to s nade 14 days or less prion ng of stays are consider ' late arrival or early de	e call 1-800-207-2365 all major credit card: leposit, less a \$50 car scheduled arrival. Th or to scheduled arriva red cancellations. G	between 8am-5pm, I s. Reservation will be a ncellation fee, notifica e entire deposit will be al. If 14 days or less, de	Monday through cancelled if deposit is ation of cancellation be forfeited if eposit will not be
			Date	
Cuarantood cho	ck in time is 1.30nm (	although all efforts	will be made to acc	commodate auests

Guaranteed check-in time is 4:30pm, although all efforts will be made to accommodate guests who arrive early. Check out time is 10:30am. Unless indicated, the above rates are subject to a 9% Maine State tax and 13% resort fee.



Check Enclosed: \$

# Maine Water Environment Association 30th Annual Golf Tournament

THE ENVIRONMENT ASSOCIATION	30 Allilot				
Date:	Wednesday, September 21, 2022				
Place:	Sunday River Golf Club, 18 Championship Drive – Newry, Maine				
Time:	Shotgun start at noon (registration begins at 11:00am)				
Format:	SCRAMBLE – Make your own foursome or sign up as a single				
Prizes:	Closest to the pin, longest drive, and 1st, 2nd, 3rd low scores				
Cost:	\$125 includes bag lunch, BBQ dinner reception and prizes at the Co				
	Restaurant Grand Summit Hotel				
Registration:	form as soon as possibl	MAKE CHECKS PAYABLE TO <b>MEWEA</b> , MAIL CHECK AND REGISTRATION FORM AS SOON AS POSSIBLE (No later than August 31, 2022).  Visit our website, mewea.org, to register and pay online			
	Mail to: MEWEA Golf Tournament, 15 University Dr, Augusta, ME 04330				
Dress Code:	Proper Golf Attire required.  ALCOHOL/COOLERS ARE <u>NOT</u> ALLOWED ON THE GOLF COURSE. Cash bar available in the Club House.				
<u>Registratio</u>	n Information				
Company:					
Billing Address:					
City:	State:	Zip:			
Email:		Phone:			
Please list player no	ames:				
1		2			
3.		4			
□ Sinale Player	☐ Foursome (If foursome only o	ne form per team required)			

**Questions regarding the tournament?** 

Contact: Questions call Cindy Wade at 207-623-9511 or 207-861-2221 / cwade@mwua.org or Stacy Thompson at 207-282-3564 or e-mail Sthompson@sacomaine.org

There will be a ten-dollar (\$10.00) processing fee for any cancellation and no refund is given for a cancellation that is made within 72 hours of the tournament. Rain checks may be offered by the golf course if the course is deemed unplayable by the pro shop. \*All correspondence will be sent to the Contact/Team Captain.

Registration for the Golf Tournament does not ensure registration for the Conference. To register for the Conference, please use the enclosed form.

PLAY IS LIMITED TO THE FIRST 120 PEOPLE - REGISTER EARLY!



### MeWEA 2022 Fall Convention – Sunday River Sept. 21-23, 2022

Grand Summit Hotel at Sunday River Resort & Conference Center

#### **Directions to Sunday River**

**From the South**: exit the Jetport and follow signs to I-95, the Maine Turnpike. Take I-95 North to exit 63 / Gray for Route 26. Take Route 26 North to Bethel. Follow Rt. 2 East for 2/6 miles. Take a left onto Sunday River Road, marked by the large Sunday River Brewery (big building with red roof). Follow Sunday River Road to a fork with a "Sunday River Ski Resort" sign. Fork left fo the Grand Summit Resort Hotel, base lodges and amenities (1 mile). Fork right and follow signs for the Jordan Grand Resort Hotel (5 miles)

**From the North**: take I-95 South to exit 157/Newport for Route 2. Follow Route 2 West to Sunday River Road, marked by the large Sunday River Brewery (big building with red roof), a few miles before reaching Bethel. Follow directions above.