



September 18 - 20, 2024

2024 FALL CONVENTION

Attendee Packet



SUNDAY RIVER

Grand Summit Resort
Hotel & Conference



www.mewea.org

2024 Executive Committee

- President**
Emily Cole-Prescott
City of Saco
- President Elect**
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York Sewer District
- Vice President**
Rob Pontau
Brunswick Sewer District
- Immediate Past President**
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LACWA
- Personnel Advancement
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Stacy Thompson
City of Saco WRRD
- NEWEA State Director**
Paula Drouin
LACWA
- MWUA Representative**
Andy Begin
GAUD
- Committee Chairpersons**
- Awards**
Mike Guethle
- Collection Systems**
Ashley Jones
Kevin Eaton
- Communications**
Bryanna Denis
- Convention**
Justin Barnett
Tim Wade
- Government Affairs**
Amanda Smith
Dan Marks
- Laboratory**
Vacant
- Membership**
Jennifer Nicholson
- Professional Development**
Charlene Poulin
- Pretreatment**
Riley Cobb
- Public Relations**
Evan Pereira
- Residuals Management**
Travis Peaslee
Andre Brousseau
- Stormwater**
Sarah King
Jodie Keene
- Treatment Plant Operators**
Alex Buechner
- New Professionals**
Sierra Kuun
- Maine DEP Representative**
Gregg Wood
- Legislative Advocate**
Jim Cohen



Maine Water Environment Association

www.mewea.org

Dear Friends/Colleagues:

The Maine Water Environment Association will hold its annual Fall Convention at Sunday River in Newry, Maine on September 18-20, 2024. The Convention is attended by clean water, drinking water and stormwater professionals and provides a great opportunity for exhibitors to present information about their companies to potential clients.

The Fall Convention kicks off on Wednesday, September 18th with our almost legendary golf tournament. You may also visit the Sunday River website at www.sundayriver.com for additional recreation opportunities.

This year MEWEA will be offering technical sessions, with allotted times for vendor interaction. Thursday afternoon will also have a Meet & Greet period with a vendor raffle coordinated by the New Professionals Committee. As done in the past, prizes will be raffled during the Meet & Greet period. The goal is to encourage attendee/vendor interaction by increasing the traffic flow to vendor booths.

Following the Meet & Greet will be the 8th annual Collection Systems Committee cornhole tournament. Food and beverages will be provided.

The Registration Form, golf tournament registration, and overnight room reservation forms are enclosed in this packet. Should you have any questions or concerns, please contact Joan Kiszely or Cindy Wade at (207) 623-9511.

We look forward to seeing you at the Convention!

Sincere regards,

Convention Committee
Maine Water Environment Association

Session Map

Thursday, September 19, 2024

Sunday River will be offering a buffet breakfast at the Camp Restaurant at 6:00 am. Pay on your own.

<u>Time</u>	<u>Title</u>	<u>Location</u>
7:00am – 8:00 am	Registration	South Wing Lobby
7:00am - 8:30am	Continental Breakfast	Ballroom 2
8:00am – 8:30am	Vendor Time	Ballroom

Session 1: Government Affairs Update/DEP Update

Room: Ballroom 3	Course Instructor: Gregg Wood and Holly Ireland, Maine DEP
Time: 8:30 AM - 9:30 AM	Course Description: This session will provide an overview of current and upcoming legislation that is of interest to wastewater and water industry workers.
TCH: 1 DEP & BLWSO	

<u>Time</u>	<u>Title</u>	<u>Location</u>
9:30am – 10:00 am	Break/Vendor Time	Ballroom 2

Session 2: PFAS in Biosolids: *How to be Part of the Conversation*

Room: Ballroom 3	Course Instructor: Janine Burke-Wells, NEBRA; Debrorah Mahoney, Brown & Caldwell; Rob Pontau, Brunswick Sewer District; and Tim Wade, Peaks Renewables
Time: 10:00 AM-11:00 AM	Course Description: In this session, learn about effective risk communication tools and message you can use to start a conversation with our customers about PFAS in the water environment.
TCH: 1 DEP	

Session 3: Cybersecurity Acton Plan (CAP) for the Wastewater Sector	
Room: Simonds Time: 10:00 AM-11:00 AM TCH: 1 DEP	Course Instructor: Judy Bruenjes and Brett Goodrich, Maine DEP Course Description: This session will outline MEDEP’s efforts to help mitigate the most significant cybersecurity vulnerabilities in the state’s wastewater systems and assist facilities to achieve cyber health.

Session 4: "If You Can't Pump It, Store It"	
Room: Ketchum Time: 10:00AM - 11:00AM TCH: 1 DEP	Course Instructor: Charles Daigle, PE, Wright-Pierce Course Description: This session will discuss how the City of Biddeford upgraded its Horrigan Court pump station, incorporating 100,000 gallons of CSO storage into the project.

Time	Title	Location
11:00am–11:30 am	Break/Vendor Time	Ballroom 2
11:30am–12:15 pm	Regular Business Meeting/Awards	Ballroom 3
12:30pm-1:30 pm	Lunch	Camp Restaurant

Session 5: PFAS in Casco Bay - A Panel Discussion With Friends of Casco Bay and Bigelow Laboratory	
Room: Ballroom 3 Time: 1:30PM - 2:30PM TCH: 1 DEP	Course Instructor: Ivy Frignoca, Friends of Casco Bay; Dr. Aeppli, Bigelow Laboratories; Scott Firmin, Portland Water District; and Judy Bruenjes and Brett Goodrich, Maine DEP Course Description: This session discusses PFAS studies and results of data collected by wastewater treatment facilities that discharge into the Casco Bay. Take a look inside the wastewater treatment world regarding the challenges presented by this pollutant.

Session 6: Maine National Guard Civil Support Team - How Can We Help You?	
Room: Simonds Time: 1:30PM - 2:30PM TCH: 1 DEP & BLWSO	Course Instructor: LTC Ian Hepburn Commander, 11th Civil Support Team, Maine National Guard Course Description: This session will discuss the basics of the Maine National Guard's Civil Support Team mission, which is to support civil agencies with training, support to planned events, and response to disasters/incidents involving hazardous materials.

Session 7: Stormwater Panel and Resiliency	
Room: Ketchum Time: 1:30PM - 2:30PM TCH: 1 DEP	Course Instructor: MEWEA Stormwater Committee Course Description: Our panel will share examples of unique funding opportunities from around the country used in stormwater projects to improve capacity and resilience. We will discuss recent efforts at the state level to provide additional stormwater funding through the Clean Water State Revolving Fund (SRF) program.

Time
2:30pm – 3:00 pm

Title
Break/Vendor Time

Location
Ballroom 2

Session 8: Thermal Hydrolysis: Maximizing Water Treatment Across City of Franklin, Ohio's Medina County, and Michigan's Oakland County	
Room: Ballroom 3 Time: 3:00PM - 4:00PM TCH: 1 DEP	Course Instructor: Steven Greseth, Andrew Heskett, and Gary Neun, Kiewit Course Description: In this session, learn about three distinct case studies that highlight the efficacy of the thermal hydrolysis process (THP) in wastewater management for biosolids minimization to reduce disposal costs, biosolids land application bans, wastewater infrastructure costs, and increasing population demands.

Session 9: DEP Meet and Greet	
Room: Simonds Time: 3:00PM - 4:00PM	Course Instructor: Various DEP Staff Course Description: Come meet your DEP representatives! This is a great chance to get to know the people that you work with on projects, licensing, environmental review, and CSO's. There will be an introduction and then time to mingle and form connections.

Session 10: Crossing the Kennebec - A Case Study on In-Water Construction Challenges	
Room: Ketchum Time: 3:00PM - 4:00PM TCH: 1 DEP	Course Instructor: Corey Lewis, PE, Wright-Pierce Course Description: In this session, learn about the Town of Winslow's Chaffee Brook Station to help reduce CSO discharges. This presentation discusses specific onsite construction and scheduling challenges and the Town's CSO obligations.

Time	Title	Location
4:00pm – 5:30 pm	Meet & Greet	Ballroom 2
5:30 pm	Cornhole Tournament	Ballroom 3 & Lawn

Friday, September 20, 2024

Time	Title	Location
7:00am – 8:00am	Registration	South Wing Lobby
7:00am - 9:00am	Breakfast	Camp Restaurant

Session 11: You Can Do IT! Rebuild Your Own Pump Stations	
Room: Ballroom 3 Time: 8:00AM - 9:00AM TCH: 1 DEP	Course Instructor: Robert Pontau and Mike Jouver, Brunswick Sewer District; Brian Olsen, Carlsen Systems Course Description: This session will detail how the talented staff at the Brunswick Sewer District used their ingenuity to construct an in-house pump station upgrade by converting an existing vacuum lift station into a submersible style station, which saved the district more than \$100,000.

Session 12: Implementing a New Utility and Treatment System in Lincolnville	
Room: Simonds Time: 8:00AM - 9:00AM TCH: 1 DEP & BLWSO	Course Instructor: Evan Pereira and Julianne Page, Woodard & Curran Course Description: This session will discuss the planning and establishment of a new wastewater utility, the funding process, technical challenges of the design, and lessons learned from the construction and startup of the new facility.

Session 13: Innovative Illicit Discharge Detection Techniques

Room: Ketchum	Course Instructor: Cara Belanger and Jeff Spaulding, Stillwater Engineering
Time: 8:00AM - 9:00AM	Course Description: This session will cover an innovative approach to sampling illicit discharges in stormwater pipes. A case study will demonstrate the application and effectiveness of this new technique in investigation.
TCH: 1 DEP	

Time

9:00am – 10:00am

Title

Break/Vendor Time

Location

Ballroom 2

Session 14: Putting the Fires Out with Teamwork

Room: Ballroom 3	Course Instructor: Nick Rico, PE, Wells Sanitary and Valerie Giguere, PE, Wright Pierce
Time: 10:00AM - 11:00AM	Course Description: In this session, learn about the significant fire that damaged an electrical room and roof at the Wells Sanitary District in 2023. Learn about the quick work of District staff and support systems to get the WWTF up and running within hours of the fire.
TCH: 1 DEP & BLWSO	

Session 15: Ammonia Sensor Placement for Improved Ammonia-Based Aeration Control

Room: Simonds	Course Instructor: Adrienne Stenz , Xylem
Time: 10:00AM - 11:00AM	Course Description: In this session, learn about ammonia-based aeration control, which offers substantial reductions in blower usage and energy consumption. A key to this process, is the utilization of reliable ammonia sensors.
TCH: 1 DEP	

Session 16: CSO Public Notifications - Lessons Learned

Room: Ketchum	Course Instructor: Ben Rukavina, ADS Environmental
Time: 10:00AM - 11:00AM	Course Description: This session will discuss the process of implementing a CSO public notification system, focusing on flow monitoring strategies that maximize useable data, alarm methodologies that minimize false alarms and comparison of notification platforms available to utilize.
TCH: 1 DEP	

Time

11:00am – 12:00pm

Title

Lunch

Location

Camp Restaurant

Session 17: Building Resilient Wastewater Infrastructure: Decentralized Systems and Adaptive Design	
Room: Ballroom 3 Time: 12:00PM - 1:00PM TCH: 1 DEP	Course Instructor: Patrick Compton, FR Mahoney Course Description: In this session, learn how decentralized wastewater treatment technology is emerging as a resilient solution within the current infrastructure framework due to its inherent adaptability and flexibility.

Session 18: Navigating the Dirty Waters of Critical Force Mains	
Room: Simonds Time: 12:00PM - 1:00PM TCH: 1 DEP	Course Instructor: Matthew Burns, PE and Michael Stein, PE, Wright Pierce Course Description: This session will cover why some force mains fail and an approach to develop a customized approach to inspecting critical wastewater force mains while sharing several case studies of successful planned inspections, along with emergency responses to force main breaks from throughout New England.

Session 19: Preparing For and Reacting to High Flows - An Operators Discussion	
Room: Ketchum Time: 12:00PM - 1:00PM TCH: 1 DEP	Course Instructor: Alex Buechner; City of Biddeford and Operators from City of Saco, Brunswick Sewer District, and Lewiston Auburn Clean Water Authority Course Description: This session is led by operators, for operators. Speakers will be experienced treatment plant operators discussing how their facilities operationally plan for and react to high-flow events, including lessons learned.

Time

1:00pm – 1:10pm

Title

Break

Location

Ballroom 2

Session 20: Sewer System Capacity Building: A Case Study on Building for Future Needs

Room: Ballroom 3

Time: 1:10PM - 2:10PM

TCH: 1 DEP

Course Instructor: Corey Lewis, PE, Wright Pierce, and Dan Marks, PE, Town of Falmouth

Course Description:

In this session, learn how the Town of Falmouth proactively upgraded its Falmouth Road Pump Station in anticipation of the projected increase in sewer utility service capacity demand in West Falmouth within the next 20 years.

Session 21: Bio- Scrub Dryer Optimizes Dryer Capacity and Performance for PFAS Pretreatment Prior to Pyrolysis/ Gasification or Volume Reduction

Room: Simonds

Time: 1:10PM - 2:10PM

TCH: 1 DEP

Course Instructor: Rick Treleven, John Brown, Narasimha Charan, BCR Environmental/IQ Energy Gasification

Course Description:

In this session, learn about how the use of gasification generates the heat energy for drying while destroying microcontaminants including PFAS/PFOS, micro plastic and pharma compounds while qualifying for carbon credits, State, Federal, and Utility grants.

Session 22: Eliminating the Wet Well with Direct In-Line Pumping

Room: Ketchum

Time: 1:10PM - 2:10PM

TCH: 1 DEP

Course Instructor: Rebecca Turner, Industrial Flow Solutions

Course Description:

In this session, learn about a pump station with no wet wells! Direct in-line pumping eliminates the root cause. Learn from several case studies that use this technology.

Notes



ATTENDEE / GUEST REGISTRATION

MeWEA 2024 FALL CONVENTION

SUNDAY RIVER – SEPTEMBER 18-20, 2024

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

ATTENDEE INFORMATION / BILLING INFORMATION (Please complete all sections)

FULL NAME: _____ TITLE: _____

EMPLOYER: _____

BILLING ADDRESS: _____ CITY/STATE/ZIP: _____

PHONE#: _____ EMAIL: _____

FULL CONFERENCE REGISTRATION FEES (Before September 9, 2024)

Includes: Thursday sessions, Thursday's continental breakfast, luncheon and Meet & Greet and Friday sessions, Friday Camp Buffet Breakfast and luncheon

- MeWEA/MWUA MEMBER \$250 \$ _____
- Non-member \$350 \$ _____
- Lifetime member or New Professionals (Less than 5 years in the industry) \$120 \$ _____

THURSDAY REGISTRATION (Before September 9, 2024)

Includes: Thursday sessions, Thursday's continental breakfast, luncheon and Meet & Greet

- MeWEA/MWUA MEMBER \$130 \$ _____
- Non-member \$180 \$ _____
- Lifetime member or New Professionals (Less than 5 years in the industry) \$60 \$ _____
- JETCC (MCS) \$50 \$ _____

FRIDAY REGISTRATION (Before September 9, 2024)

Includes: Friday sessions, Friday Camp Buffet Breakfast and luncheon

- MeWEA/MWUA MEMBER \$130 \$ _____
- Non-member \$180 \$ _____
- Lifetime member or New Professional (Less than 5 years in the industry) \$60 \$ _____

DOOR REGISTRATION (After September 9, 2024)

	Both Days	Thursday	Friday	
MeWEA/MWUA MEMBER	\$290	\$160	\$160	\$ _____
Non-Member	\$390	\$210	\$210	\$ _____

GUEST INFORMATION / MEAL TICKETS

Full Name _____

- Wednesday Banquet Dinner _____ # of Tickets \$35/each
- Thursday Luncheon _____ # of Tickets \$30/each
- Friday Buffet Breakfast _____ # of Tickets \$20/each
- Friday Luncheon _____ # of Tickets \$25/each

ADA Compliance/Dietary Needs

It is our practice to conduct workshops/Conventions only in ADA compliant facilities.

Please notify us in advance if you have additional physical or dietary needs, so that we can assure your comfort and full participation.

CANCELLATIONS: To obtain a refund, you must notify MeWEA by September 9, 2024. No refunds will be provided after September 9, 2024.



Maine Water Environment Association 32nd Annual Golf Tournament

- Date:** Wednesday, September 18, 2024
- 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, men and women’s longest drive, and 1st, 2nd, 3rd low scores
- Cost:** \$140 includes bag lunch, banquet dinner reception and prizes at the Camp Restaurant Grand Summit Hotel
- Registration:** MAKE CHECKS PAYABLE TO **MEWEA**, MAIL CHECK AND REGISTRATION FORM AS SOON AS POSSIBLE (**No later than September 4, 2024**).
[Visit our website, mewea.org, to register and pay online](http://mewea.org)
- Mail to:** MEWEA Golf Tournament, 15 University Dr, Augusta, ME 04330
- Dress Code:** Proper Golf Attire required.
- ALCOHOL/COOLERS ARE NOT ALLOWED ON THE GOLF COURSE. Cash bar available in the Club House.**

Registration Information

Company: _____ Contact Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Email: _____ Phone: _____

Please list player names:

1. _____ (Team Captain) 2. _____
3. _____ 4. _____

Single Player Foursome (If foursome, only one form per team required)

Mulligans (4 per team) for _____ (# of people) at \$5.00/person Total \$_____

Check Enclosed: \$ _____

Questions regarding the tournament?

Contact: Questions call Stacy Thompson at 207-671-6186, 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!



Maine Water Environment Association 32nd Annual Fall Golf Classic

Wednesday, Sept. 18, 2024 – 12:00 p.m. Shotgun Start
Sunday River Golf Club – Newry, Maine

To benefit the Operations Challenge Team 2024

Sponsorship Opportunities

Activated Sludge level - \$1,000: Company provided banner hung in lunch area, acknowledgement at the event and on the program, includes play for 1 foursome

Please list four players:

1. _____ 2. _____
Team Captain
3. _____ 4. _____

Mixed Liquor Level - \$750: Company provided banner hung in lunch area, acknowledgement at the event and on the program, includes play for 2 players

Please list two players:

1. _____ 2. _____

Hole Sponsorships:

- Gold Level - \$250:** Premier placement of large sign at hole, acknowledgement on the program.
- Raffle and Prize Donation:** Acknowledgement on the program and at the event.

Please send your Company Logo electronically to Stacy Thompson, sthompson@sacomaine.org

Yes, I would like to have my company recognized at your event at the following level:

- Activated Sludge level** **Mixed Liquor Level** **Gold Hole**
- Prize Donation** (Please indicate the prize being donated): _____

Company Name: _____

Contact Name: _____

Address: _____

Phone: _____ Fax: _____

E-mail: _____

To register and pay using your credit card, just go to our website, www.mewea.org, complete the online registration or complete and return this form with your check payable to: MeWEA, 15 University Dr, Augusta, ME 04330

Questions? Call Stacy Thompson at 207-671-6186 or email sthompson@sacomaine.org

Maine Water Environment Association Annual Meeting 2024 Fall Convention Overnight Individual Reservation Form

Grand Summit Hotel at Sunday River Resort & Conference Center
1-800-207-2365

ARRIVAL: Tuesday September 17, 2024 | DEPARTURE: Friday, September 20, 2024

Lodging Preference	Per Room Nightly Rate
Standard room – 2 queen beds (sleeps 2-4)	\$152.00
Studio Superior (1 queen Murphy bed and kitchenette – sleeps 2)	\$136.00
Studio Deluxe (1 queen Murphy bed, 1 sleep sofa, kitchenette – sleeps 2-4)	\$152.00
1 Bedroom Suite (1 queen bed, 1 sleep sofa & kitchenette – sleeps 4)	\$209.00

<https://sundayriver.com/booklodging>
Please use booking code **86A20y**



If you have questions, please call the Reservations Office at 1-800-207-2365 between 8 AM - 5 PM, Monday through Friday. Sunday River accepts checks and all major credit cards. Reservation will be canceled if deposit is not received within 5 days. For refund of deposit, less a \$50.00 cancellation fee, notification of cancellation must be received at least 15 days prior to the scheduled arrival. The entire deposit will be forfeited if cancellations are made 14 days or less prior to scheduled arrival. If 14 days or less, the deposit will not be refunded. Shortening of stays are considered cancellations. Guest is responsible for all nights' confirmed, regardless of guests' late arrival or early departure.

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 a 13% resort fee.

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 to 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 the directions above.