One **Water**

Joint Newsletter- August 2023

Brought to you by:

August 2023

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What Do the **Colors Mean?**

Green	Blue	Blue/Green
Content from MeWEA	Content from MWUA	MWUA & MeWEA content

Message from MeWEA President

We wait all year for the few weeks of relaxation and decent weather afforded us Mainer's each summer. Unfortunately, those few weeks aren't typically relaxing in our industry as they are also the few weeks that the bulk of our construction projects need to be completed before winter closes in on us again. This spring was uncommonly busy for myself and many of our colleagues working on projects and trying to steer the MEWEA ship through stormy legislative waters. Thanks to the hard work of many in our community we earned a small win in the world of biosolids management with the delay of the regulations that were imposed by LD 1639. This delay took place in the form of LD 718 and pushed back all implementation dates for 1639 retroactively and at least 24 months. Many from the MEWEA community fought hard to see this bill through passage in order to buy some time to figure out better strategies to manage biosolids in the state. That is where MEWEA leadership will focus much of our efforts over the next two years. We hold fast to the truth that a state level biosolids management plan needs to be developed and implemented in this time to prevent future disposal uncertainties and to start to normalize a disposal pricing model so that managers can budget appropriately.

Alongside our legislative action, our PR committee, while extremely involved in helping to coordinate legislative planning and responses, also has worked on several other public outreach projects including a well publicized display of our Clean Water Week poster contest.

Thank you to all who have devoted time to our association over the past several months, including the adhoc group that pulled together a fun evening at the Sea Dogs a couple of weeks ago to recognize all the hard work put in daily by water and wastewater professionals.

Finally, plans for our Annual Conference at Sunday River are coming together quickly and Charlene has a great slate of sessions and speakers to ensure a fun and informative conference. I look forward to seeing you all on September 20-22.

Respectfully submitted,

Tim Wade

MeWEA President 2023

MWUA's June 15th Bi-Monthly Meeting

By: Brian McGuire, MWUA President

On June 15th, Maine Water Utilities Association (MWUA) held their bi-monthly meeting in Houlton. Houlton Water Company were our host. There was 70+ people in attendance.

This meeting was marked by a special event. Larry Girvin announced his retirement from the Maine Drinking Water Program, and we used the meeting as an opportunity to recognize his many professional achievements at our social gathering at the Elks Club on Wednesday evening and at the meeting Thursday.

We would like to recognize our hosts and express our appreciation to the Houlton Water Company. Brian, Wade, Tom, Matt, Jordon, Wendall and others all played a huge role in cleaning, setting up the meeting room along with preparing, cooking, and serving both prime rib and baked haddock for lunch on Thursday. You guys are an incredible team, and we all appreciate your hard work.

We also would like to thank our two sponsors, Team EJP and Chadwick-Baross that so generously contributed to all the social activities we all enjoyed. The band, the hot dogs, and burgers along with the beverages on Wednesday evening were all part of their generous sponsorship.

A meeting like this always requires a lot of effort. Cindy Wade, Joan Kiszely, Rick, and Logan Anair all made huge efforts to make sure everything was just right.

Our business meeting started with a review of Houlton's rich history offered by local historian Leigh Cummings. The secondary part of the business meeting offered updates from Amy La Chance, Director of the Maine Drinking Water Program, Davis Braley, Director of Water and Telephone from the Maine Public Utilities Commission and Bruce Berger substituting for Roger Crouse the MWUA Legislative and Regulatory Committee Chair.

Our technical session focused on PFAS. Both the treatment of PFAS for drinking water and disposal of the waste stream of PFAS especially within biosolids. Morgan Roper of Woodard and Curran and Jeff McBurnie of Casella led those topic discussions.

Upon conclusion of our meeting, we were served an incredible meal of prime rib and baked haddock with all the fixings.

Events Calendar

Upcoming events scheduled over the next few months are below.

August 2, 2023 – MWUA's 37th Annual Golf Tournament
August 10, 2023 – MWUA's Summer Outing
August 18, 2023 – Executive Board Meeting/Summer Cookout
August 23, 2023 – MWUA Technology Committee's Field Day 2023
September 19, 2023 – MWUA Board of Director's Meeting
September 20 - 22, 2023 – Fall Convention
September 21, 2023 – MWUA & MeWEA Joint Officer Meeting
September 30, 2023 – October 4, 2023 – WEFTEC
October 12, 2023 – October 2023 Bi-Monthly Meeting
October 17, 2023 – MWUA Board of Director's Meeting
October 20, 2023 – Executive Board Meeting
November 17, 2023 – Executive Board Meeting/Budget Workshop

Job Openings

Lewiston Auburn	Mechanic
Portland Water District	Environmental Scientist I
American Unagi	Wastewater/Facilities Manager
Portland Water District	Water Treatment Plant Systems Op.
Portland Water District	Facility Technician I
Woodard & Curran	Water/Wastewater Operations & Maintenance Specialist
Portland Water District	Associate Engineer
Greater Augusta Utility District	Utility Worker
Portland Water District	Chief Water Officer
Portland Water District	Technical Maintenance Person
Portland Water District	Water Operations – Seasonal
Greater Augusta Utility District	Project Engineer
Woodard & Curran	Asset Manager-Water & Wastewater Treatment Utility
Town of Falmouth	Wastewater Operator
Auburn Water & Sewage Districts	Sewer Operator

For the latest job postings, also check out the MEWEA Facebook page and the following: MeWEA, MWUA, NEWEA, NE Biosolids and WEF Career Center

Upcoming Trainings

- **August 3, 2023** – 8:00AM-3:30PM – Wastewater Treatment Systems Grade 1&2 Optional Basic Math Review - WW
- **August 8, 9, & 10, 2023** – 8:00AM-3:00PM - Grades 1&2 Wastewater Operator Cert Prep Series - WW
- **August 15, 16, &17, 2023** – 8:00AM-3:00PM - Grades 3, 4, & 5 Wastewater Operator Cert Prep Series - WW
- **August 17, 22, 24, 29, & 31, 2023**– 8:00AM-3:30PM – Water Distribution Principles & Practices of Distribution Series - WW – W 30.0 TCHs
- **September 6, 2023** – 8:00AM-10:00AM – Lead & Copper to Inventory & Beyond – W 2.0 TCHs
- **September 27-28, 2023** – 8:30AM-3:30PM – Wastewater 101 – WW 12.0 TCHs
- **September 19, 26, & 28 & October 3 & 5** – 8:00AM-3:30AM – Water Treatment & Distribution for Beginners – W 30.0 TCHs
- **October 4, 2023** – 8:00AM-10:00AM – DWP Updates for 2023-2024 – W 2.0 TCHs
- **October 17, 2023** – 8:30AM-10:00AM – Climate Resilience and Funding with the DWP – W 1.5 TCHs
- **October 19 & 20, 2023** – 8:00AM-10:00AM – Water System Modernization – W 4.0 TCHs
- **October 31, 2023** – 8:00AM-10:00AM – Ductile 101 – W/WW 2.0 TCHs
- **November 7, 2023** – 8:00AM-10:00AM – pH Basics 2023 – W 2.0 TCHs
- **November 14, 2023** – 8:00AM-12:30 AM – How Tech is Changing the Water Meter – W/WW 4.0 TCHs
- **November 16, 2023** – 8:00AM-10:00AM – Cybersecurity Updates – W/WW 1.5 TCHs
- **November 29, 2023** – 8:00AM-3:00PM – Day of Water: Everything Ductile – W/WW 6.0 TCHs

Additional training information available in the links below:

JETCC Remote Learning Catalog

MWUA Sponsored Training

NEIWPCC-JETCC Remote Learning Catalog

KEY ACRONYMS

WW - Technical Credit Hours (TCH) for wastewater
W - TCH qualify for water credit hours

WORK FOR WATER NEW ENGLAND

COLLABORATIVE UPDATE:

For years, the water industry in New England has been grappling with significant workforce challenges concerning clean water, stormwater, water reuse, and drinking water utilities. To tackle this issue, New England Water Works Association (NEWWA) and New England Water Environment Association (NEWEA) worked together to explore various solutions. During this research, NEWWA and NEWEA recognized the potential benefits of regional collaboration, exemplified in programs like BAYWORK, a successful water workforce collaboration in Northern California, and The Water Tower in Georgia.

To explore this further, the workforce committees of NEWWA and NEWEA met in January 2022 to discuss establishing a regional water workforce planning structure. Because of multiple stakeholder interests in establishing a workforce development effort, NEWWA and NEWEA contacted the six New England states' professional drinking water and clean water associations to form collaborative partnerships.

The following organizations are partnering on the "Work for Water - New England" collaboration to accelerate this effort and have made a financial commitment to the cause:

1. New England Water Environment Association (NEWEA)
2. New England Water Works Association (NEWWA)
3. National Association of Water Companies, New England Chapter (NE NAWC)
4. CT Section of American Water Works Association (CTAWWA)
5. Connecticut Water Environment Association (CTWEA)
6. Green Mountain Water Environment Association (GMWEA)
7. Maine Water Utilities Association (MWUA)
8. Maine Water Environment Association (MeWEA)
9. Massachusetts Water Works Association (MWWA)
10. New Hampshire Water Pollution Control Association (NHWPCA)
11. New Hampshire Water Works Association (NHWWA)
12. Rhode Island Clean Water Association (RICWA)
13. Rhode Island Water Works Association (RIWWA)

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Work for Water New England (cont'd)

Over the past year, utility leaders from participating partner organizations collaborated closely with the executive leadership at NEWWA and NEWEA to form a Work For Water - New England planning structure that included a Steering Committee of utility leaders representing water professionals in all six states.

As of January 2023, Work for Water - New England has embarked on the development of a Regional Water Workforce Strategic Plan, which follows a three-phase approach:

Phase I - Information Gathering (January to April 2023)
Phase II - Investigation of Opportunities and Issues (May to August 2023)
Phase III - Development of Strategic Plan (September to December 2023).

During **Phase I - Information Gathering,** multiple perspectives on New England water workforce priorities and potential solutions have been gathered. This included conducting an online survey completed by more than 200 utilities in New England using a tool developed by the Water Environment Federation (WEF) with input from the American Water Works Association (AWWA). NEWWA also collected data on New England water workforce challenges, and online meetings were held with the Leadership Group of the Steering Committee. The Leadership Group consists of Mary Barry (NEWEA), Kirsten King (NEWWA), Dan Bisson (Tighe and Bond), Don Ware (Pennichuck Corporation), and Bill Boornazian (City of Portland, ME).

In addition, Work for Water - New England has engaged in video conversations with Steering Committee members from states involved in the collaboration; participated in a Utility Management Conference workshop on Effective Strategies for the Development, Recruitment, and Retention of Qualified Staff; and held in-person meetings with existing regional water workforce collaboration efforts.

Before an in-person workshop was held at the NEWWA offices on April 18th, 2023, the Leadership Group shared these findings with Steering Committee members. This allowed participants to provide valuable input on key areas, including workforce challenges, potential initiatives, implementation issues, potential barriers, and suggestions for the next steps. The workshop offered a unique opportunity for the Steering Committee to provide their insights and expertise on these crucial topics.

Seventeen members of the 25-member Steering Committee participated in the day-long workshop, representing drinking water and clean water utilities across the New England region. The workshop activities were facilitated by Cheryl Davis, Principal at CKD Consulting and former Senior Manager at the San Francisco Public Utilities Commission, who was integral to the BAYWORK founding. BAYWORK's success in the area of workforce reliability has made a significant impact on the drinking water and clean water operations in northern California.

The following Steering Committee members participated in the workshop on April 18th:

1. **Art Simonian**, Executive Director for Mattabassett District (CT)
2. **Dionne Hector-Dale**, Director, HR Business Partner & Talent, Employee Relations for Regional Water Authority (CT)
3. **Tom Tyler**, Director of Facilities & Maintenance for Hartford MDC (CT)
4. **Bill Boornazian**, Water Resources Manager for the City of Portland (ME)
5. **Stacy Thompson**, Deputy Director Water Resources Recovery Department for the City of Saco (ME)
6. **Shannon Johnson**, Employee Services for Portland Water District (ME)
7. **Josh Schimmel**, Executive Director for Springfield Water & Sewer (MA)
8. **Karla Sangrey**, Director for Upper Blackstone Clean Water (MA)
9. **Liz Mailhot**, Human Resources Manager, Upper Blackstone Clean Water (MA)
10. **Charles Ryan**, Director, Wastewater Operations & Maintenance for MWRA (MA)
11. **Don Ware**, Director for Pennichuck Corporation (NH)
12. **Boyd Smith**, Executive Director for NHWWA (NH)
13. **Megan Moir**, Director for the City of Burlington (VT)
14. **Meg Goulet**, Director of Operations & Maintenance for Narragansett Bay Commission (RI)
15. **Steve Harrison**, Senior Manager of Operations and Programs for Water Environment Federation (DC)
16. **Jessica Lynch**, General Manager & Chief Engineer for Portsmouth Water & Fire District (RI)

The remaining steering committee members who were unable to attend are listed below:

1. **Bruce Berger**, Executive Director for MWUA (ME)
2. **Dick Kilhart**, Superintendent for the Town of Athol (MA)
3. **Mary Deroche**, Human Resources Director for Pennichuck Corporation (NH)
4. **Jeremy Bouvier**, Water Supply Engineer for Manchester Water Works (NH)
5. **Krista Larson**, Assistant DPW Director for the City of Laconia (NH)
6. **Joe Duncan**, Champlain Water District (VT)
7. **Liz Royer**, Executive Director of Vermont Rural Water Association (VTRWA)
8. **Walter Palm**, Director of Environmental Science and Compliance for Narragansett Bay Commission (RI)
9. **Gregg Giasson**, Executive Engineer for Providence Water Supply Board (RI)

Preliminary results from the workshop have brought forth common themes and trends regarding issues in workforce development. Some significant highlights include (but are not limited to) the not necessarily positive standard views of the water industry as a viable career; the working conditions and requirements of water jobs; the limited collaboration between the different sectors of water; the lack of diversity, equity, and inclusion; and the general public's lack of appreciation of the value of water.

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Work for Water New England (cont'd)

The data will contribute to **Phase II - Investigation of Opportunities and Issues** and **Phase III - Development of the Strategic Plan**. New updates from the Work For Water - New England Strategic Plan will be released periodically when action items and next steps have been established.

We wanted to thank all of the partner organizations and the steering committee members for their time and support of this important initiative.

Thanks from the Work for Water - New England Collaborative Leadership Team:

Mary Barry, NEWEA Executive Director
Kirsten King, NEWWA Executive Director
Dan Bisson, NEWEA WorkForce Development Committee
Bill Boornazian, NEWEA WorkForce Development Committee
Don Ware, NEWWA WorkForce Development Committee
Cheryl Davis, CKD Consulting

Colleague Corner

Cheryl Heal, Rockland Wastewater Division

Cheryl Heal has worked for the Rockland Wastewater Division for over 18 years. Coming from a background in medical billing management and accounting, Cheryl has become the bridge from the outside world of customers and vendors to the operators, mechanics, lab managers, and management.

Cheryl is a Rockland native with a deep appreciation of the area. Her grandfather was once the lighthouse keeper on Whitehead Island. Cheryl is a quilter, diamond painter, swimmer and avid thriller reader. She is most proud of her two daughters, Marissa and Morgan. She has lived her life as an example for her daughters that you can be anything with hard work, an education, and making a difference every day in your interactions.

Mike Ames, Director of Service Delivery
Maine Water Company, Camden-Rockland Division

Mike Ames' career at Maine Water Company got under way four years ago when he was hired as the Superintendent for the Camden-Rockland Division. According to Maine Water President, Mike Vannoy, "Mike made a real and positive impact since joining the Maine Water team." Then in May 2023, he was promoted to Director of Service Delivery.

As interim superintendent, Mike said that there are two items on Camden-Rockland's radar today. The first is to finish the construction of a new lagoon to help manage residuals from microfiltration membrane system. The construction is due to be completed this fall. The second item is completing the upgrade of almost 2 miles of distribution main replacement this season.

Mike and his family reside in Hope where they have seen a lot of growth in recent years. However, according to Mike, "It still has that small town feel." Among his many hobbies, he enjoys spending time outdoors, camping with family and friends, and coaching basketball. When asked what he is most proud of, Mike simply replied, "My family. He is gratified by where he and his family have been and where they are going." "

Ashley Hodge, Source Water Protection Coordinator, Maine CDC Drinking Water Program

Ashley Hodge has been an employee of the Center for Disease Control and Prevention's (Maine CDC) Drinking Water Program (DWP) for a little over three years. Today, she is the Source Water Protection Coordinator for the DWP. Additionally, Ashley is a member of the DWP's Water Resources Team, where she currently works on source water protection, water system security, and emergency preparedness. Focus points presently on DWP's radar are PFAS, LCRR/Lead Service Line Inventory, and the Bipartisan Infrastructure Law funding administration.

Some of Ashley's hobbies include crocheting, drawing, and baking. Together she and her husband love to travel, hike, and go birdwatching. They reside in the city of Westbrook and appreciate the town they live in as it's the perfect distance from both the mountains and the ocean and has an easy-going feel. Although Ashley's family, career, and hobbies keep her busy, she is most proud of, "all her family's significant accomplishments throughout the years."

Yarissa Ortiz-Vidal, Rockland Pollution Control Facility

Yarissa has been with the Rockland Pollution Control Facility for just over 6 years. She is currently the Environmental Compliance Manager and Assistant Director. She came into the wastewater profession through other Environmental Compliance positions in Maine and Puerto Rico.

Yarissa was born in Puerto Rico and says water has always been an integral part of her life. She loves camping (or glamping) and scrapbooking. Yarissa finished her PhD in Education in 2022 and says she is most proud that she has found joy and value in her work.

Camden & Rockland Division

The first water system in Camden, Maine was established by Micah and William Hobbs in 1800. Together, they made a contract with Jacob Reed to create an aqueduct made from hemlock, spruce, and cedar in Harbor Village. The water conduits led from a spring at the base of the mountain serving several homes. Sometime between 1812 and 1818, Reed, who was the principal owner, built another aqueduct to service the more southerly part of the village. Subsequently, a legislative act was passed incorporating the Megunticook Water Company in 1852. The proprietors of this company intended to construct another aqueduct to transport fresh water to Camden Harbor and Goose River villages. Unexpectedly, they were not able to obtain water subscriptions and their enterprise failed. Thereafter, another company using the same name was incorporated in 1859. However, neither of these companies were known to have built anything.

In 1850, eighty-one years after Rockland was first settled, the Rockland Water Company was incorporated. Their purpose was to supply the village of Rockland with pure water for domestic and commercial purposes, and fire protection. The company built a cement-lined, wrought-iron pipe, gravity system in November 1851. Then in 1869, a Holly water-driven pump was added that allowed the water to be pumped directly to the water mains. A decade or so later, the Artesian Water Company was established to supply water to Rockland, Thomaston, and South Thomaston. Not long after, the Rockland Water Company filed suit against them for infringing on their franchise rights. The court didn't rule in their favor, ruling that their franchise was not exclusive. All in all, this helped to initiate the merger of the two companies in 1885, becoming the Camden and Rockland Water Company. The new company built a water system that served both Camden and Rockland in 1886.

In 1959, the Consumers Water Company purchased the Camden and Rockland Water Company. Eventually, they merged with two other existing water companies in Maine forming the Consumers Maine Water Company. Following that, they were renamed Aqua Maine. Aqua Maine was purchased by Connecticut Water Service, Inc. in 2012 and renamed Maine Water. Today it is simply known as Maine Water Camden & Rockland Division servicing approximately 7800 consumers in Camden, Owls Head, Rockland, Rockport, Thomaston, Union, and Warren.

Rockport

Today, the Camden/Rockland Division (CR Division) is the 2nd largest of the 5 divisions operated by Maine Water Company. It is a surface water system which uses Mirror Lake as its primary water source with an estimated capacity of 500 MG. Their backup source is Grassy Pond which has roughly 260 MG of capacity. There are 5 storage tanks spread throughout the system with approximately 3.94 MG of total storage capacity.

Grassy Pond

Additionally, they have a 1 MG clear well at their treatment plant. The CR Division produces approximately 4-4.5 MGD in the summer and around 2 MGD during the winter. They maintain close to 160 miles of distribution mains and 525 hydrants.

The water in the treatment facility is gravity fed into the plant from Mirror Lake (unless conditions warrant pumping) and fed into a 48,000-gallon wet well. Next, four membrane feed pumps push the water through four 300-micron strainers before entering the microfiltration racks. The filtered water is then treated with sodium hypochlorite and sodium hydroxide for primary disinfection, and pH adjustment before entering the 1 MG clear well. Post clear well water is gravity fed into the system, unless demand warrants running two finished water pumps, and is injected with chlorine and caustic soda once again for final treatment adjustments. Furthermore, fluoride and zinc orthophosphate are also injected for dental protection and corrosion control respectively. The filtration system's backwash is treated with a poly-aluminum chloride coagulant and sent to one of two lagoons. Ninety-seven percent of the backwash water is recycled back to the head of the plant.

The total number of personnel maintaining the CR Division is fifteen, all having an accumulated 114 years of service. According to Mike Ames, Superintendent of the CR Division and Director of Service Delivery for Maine Water Company, "All of the staff is very well rounded in many facets of the water industry allowing each of them to assist in different ways to meet the daily goals of the work schedule. They also work well together during routine conditions as well as in emergency situations. What's more, everyone has the desire to learn more and be the best at what they do!" In Mike's opinion, "versatility" is the key component that makes their team proficient at the jobs.

The CR Division employs different methods to enhance customer service. For instance, they use several techniques to notify their customers of service or water quality issues through texting, telephone calls, emails, etc. They also offer E-billing, auto pay, and the Linebacker Protection Program which provides customers with certain types of repairs and leak protection, if enrolled. Furthermore, the team utilizes customer surveys and phone call metrics to help them improve interactions with their customers.

Fortunately, the CR Division is not experiencing any out of the ordinary challenges currently. However, they recently experienced a problem with elevated disinfection by-product levels. Trihalomethanes were approaching near maximum contaminant levels and trending. This led them to be concerned about mitigating the problem in the near term as they could have ended up in violation. Hence, they worked closely with engineers from CDM Smith to review their options and conduct testing. In the end, the solution they decided upon was to add a coagulant to the treatment process to aid in the removal of total organic carbons. The mitigation implemented was successful!

The Camden Rockland Division operates and maintains their water system with dedicated, trained employees who work to meet their customers' needs.

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Camden & Rockland Division (cont'd)

They are passionate about delivering life-sustaining, high-quality water to the families and communities that they serve. As well as maintaining critical open space lands (approximately 1700 acres) and aggressively protecting their wells and reservoir supplies. Worth mentioning is the fact that their consumers have defined their customer service as world-class and have consistently rated their service with about a 90% satisfaction rating according to annual surveys by an independent research firm.

Throughout the years, Camden, Rockland, and some of its neighboring communities have seen many changes which have improved their water system and its potability. Their trained employees continue to proudly operate and maintain the water system with dedication. Commendations to the entire team at the CR Division of Maine Water Company for their commitment and passion for excellence!

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FEATURED COMMUNITY

City of Rockland
Wastewater Dept.

The System

The Rockland Pollution Control Facility (RPCF) is a secondary treatment facility built in 1974. It is designed to treat 3.3 million gallons per day (MGD), with a 4.7 MGD peak flow capacity limited by their secondary treatment. Flow influent to RPCF can fluctuate from 1 MGD to 33 MGD during a wet weather event, triggering their Storm Flow Treatment Facility CSO. Treatment at the plant includes influent pumping, screening, grit removal, primary clarification, activated sludge treatment, secondary clarification, and disinfection. The Storm Flow Treatment Facility consists of a wet weather pump station, vortex separator, and chlorination. The City maintains 42 miles of gravity sewer and nine pump stations. Treated flow from the facility discharges to both Rockland Harbor and Lermond Cove.

The History

RPCF began serving the City of Rockland in 1978. Since then the collection system has extended to portions of Rockport and Owls Head as well. There have been many collection system upgrades over the years, including several focused on combined sewer separation.

RPCF has undergone 4 major upgrades in 2000, 2007, 2011 and 2022. The 2011 upgrades focused on secondary aeration and electrical system upgrades. The 2022 upgrades consisted of a $10.4 million plant optimization that focused largely on dewatering system technology, including upgrading from belt presses to screw presses.

The People

RPCF is run by a staff of 12 dedicated individuals with over 125 years of service in the City and 175 years of experience in the wastewater industry. Staff includes people from a variety of backgrounds including mechanical, laboratory, construction, environmental, and leadership. Individual experience in the group ranges from 3 years to 50 years and everything in between. The diversity of the group has created an effective team with a culture all its own.

When the COVID-19 Pandemic hit hard in 2020, the RPCF team stepped up to make sure things got done safely and effectively for the facility. Additional lab safety procedures, new customer handling procedures, and changes to the way they did their daily work were just some of the ways the RPCF team made sure they were doing their best. That innovation and commitment continues to this day. The extraordinary work done during the pandemic has been publicly recognized for three staff members with the Jerome Frenchie Guevremont JETCC Founders Award. Recipients being:

- Matthew Ondra, Lab Manager, 2020
- Joseph Pereira, Operator/Mechanic, 2021
- Richard Fox, Operator/Mechanic, 2021

RPCF has a strong belief that education and information are keys to customer engagement. The facility prides itself on being "one click away" through their page on the City's website. The Wastewater Department stays engaged with the community by using various public events like the Lobster Festival Parade to encourage wastewater education as well.

City of Rockland, Wastewater Dept.

The Future

With the 2022 upgrades to overhaul their dewatering technology complete, RPCF is thankful to have a bit of respite from projects for the near future. That said, they still feel the regulatory pinch of the industry. When asked what challenges are facing their facility, the answer is one we all share, needing to do more with less specifically as new environmental regulations continue to impact costs. Although they've reduced their volume with the latest upgrades, PFAS in sludge is of utmost concern to this utility, as it is for many in Maine. RPCF has recently started the process of a Comprehensive Sewer Rate Study. This study will allow RPCF an in-depth financial assessment and offer guidance to ensure adequate resources are available for future investments.

Mary Waring Retires

After a long career with Casella

Effective June 30, 2023, Mary Waring retired from Casella Resource Solutions, Organics Division after nearly 36 years of service. Mary was with the company through several iterations of company ownership and name changes, starting with Resource Conservation Services in late 1987 to BFI Organics; then New England Organics to Casella Organics, and finally Casella Resource Solutions. Mary was a program manager and compliance professional, first starting in the land application program, then on to the Hawk Ridge Compost Facility where she carefully guided its compliance program from its inception. Mary was instrumental in one of Hawk Ridge's crowning achievements: becoming the first private company in the nation to have its Environmental Management System (EMS) certified by the National Biosolids Partnership. She was also very involved in other compliance activities throughout Organics. Mary also engaged in public service for the company, being a long-time contributor to MEWEA (starting back when it was the Maine Wastewater Control Association) and serving in all the Executive Board positions and as a Committee chair.

Her presidency was in 2000 and she was bestowed the title of Millennial Princess. Mary's institutional knowledge, hard work, diligence, attention to detail, and overall contributions to Casella will forever be appreciated. She will be missed and nearly impossible to replace. Mary's career was celebrated on June 29, 2023 at Nomad Pizza North in her hometown of Brunswick, ME. She was joined by many past and present colleagues and friends, several of whom shared anecdotes and memories of their times spent working with Mary. We all wish Mary success and enjoyment as she begins the new adventures that retirement will allow her to engage in. It is undeniably well earned and well deserved.

Introducing Smart Utility Professionals

Team EJP is proud to announce the launch of its new division, Smart Utility Professionals. Dedicated to providing smart solutions for utilities, the division will focus on metering data, leak detection, GIS services, and large meter testing and replacement.

Smart Utility Professionals aims to help customers transition into the digital age by offering innovative solutions that improve efficiency, reduce costs, and enhance customer service. The division will leverage EJP's expertise and experience in the industry to deliver cutting-edge solutions that meet the evolving needs of our customers.

The new division will be led by industry veteran Dan Burdin, who brings over 20 years of experience in the utilities industry. Dan and his team of 15 highly skilled professionals will work closely with Team EJP's existing sales team to ensure the seamless integration of services and expertise.

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Introducing
Smart Utility Professionals (cont'd)

"With the launch of this new division, we are confident that we will continue to deliver the highest level of service to our customers and help them navigate the rapidly changing landscape of the utility industry."

> *"We are thrilled to launch Smart Utility Professionals and provide our customers with smart solutions that address their evolving needs,"*
>
> *- Everett J. Prescott, Inc. President and CEO, Steven Prescott.*

Smart Utility Professionals' services will include:

Metering Data Services:
Providing customers with real-time data to optimize operations, reduce costs, and improve customer service.

Remote Monitoring:
Providing data on critical assets and locations in the field will give operators peace of mind and the data needed to make informed decisions.

Leak Detection Services:
Detecting and repairing leaks to conserve water, prevent property damage, and reduce costs.

GIS Services:
Providing customers with accurate and up-to-date information on utility infrastructure to improve planning and decision-making.

Large Meter Testing and Replacement:
Testing and replacing large meters to ensure accurate billing and improve efficiency.

To learn more about Smart Utility Professionals and the solutions offered, contact one of our representatives today!

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Water Professionals

1. pH is the measure of what?
a. Hydrogen ion concentration b. Alkalinity
c. Dissolved solids d. Conductivity

2. The growth rate of bacteria doubles for every ___°C temperature rise.
a. 4 b. 5
c. 10 d. 1

3. At what temperature does water have the greatest density?
a. 1°F b. 1°C
c. 4°F d. 4°C

4. Which of the following will raise pH when added to water?
a. CO2 b. Soda ash
c. Alum d. Ultraviolet light

5. How many pounds does 50 gallons of water weigh?
a. 41.7 lbs. b. 417 lbs
c. 1000 lbs. d. 100 lbs.

Answers: 1. a, 2. d, 3. c, 4. b, 5. b

Wastewater Professionals

1. When organic waste is discharged into receiving water, what depletes the oxygen?
a. Algae b. Pathogens
c. Bacteria d. Limestone

2. What type of valve only allows water to flow in one direction?
a. Check b. Gate
c. Globe d. Ball

3. Which of the following is a characteristic of chlorine gas?
a. Colorless b. Odorless
c. Heavier than air d. Is safe to breathe

4. Why is chlorine used primarily in wastewater treatment?
a. Disinfection b. Lower pH
c. Raise pH d. Prevent corrosion

5. Which reagent is used to determine chlorine residual?
a. BOD b. PCB
c. $Na_2S_2O_3$ d. DPD

Answers: 1. c, 2. a, 3. c, 4. a, 5. d

Eliminating Lead from Drinking Water

Where Are We Now?

On January 15, 2021, the Lead and Copper Rule Revisions (LCRR) were officially issued. The focus was to better protect children attending elementary school or childcare facilities, get the lead out of drinking water, and empower communities to take action on lead mitigation.

The revisions made provisions for the following three things:

1. It requires community water systems (CWS) to test for lead in elementary schools and childcare facilities that they serve.
2. It requires the use of science-based testing protocols to locate additional sources of lead in the drinking water.
3. It builds the information infrastructure needed to empower individuals, communities, water systems, and local governments to take action to reduce lead in drinking water.

Currently, the LCRR is in review to see how it can be improved to better protect communities from lead in drinking water. The EPA intends to publish these improvements as the Lead and Copper Rule Improvements (LCRI) by October 16, 2024. Read more about the Lead and Copper Rule on the Maine Water Utilities Association website by clicking here or visiting mwua.org.

The Treatment Plant Operators Committee is seeking nominations for the MEWEA Operator of the Year award. If you work with someone who you feel puts in extra effort at their job, why not give them credit by nominating them for the award? Please send the operators name and where they work to alex.buechner@biddefordmaine.org **Nominations are due by the end of July.**

Operator of the Year

Encouraging SUSTAINABILITY

World Water Day is held annually every March. During this time, the United Nations (UN) works to bring attention to the importance of one of our most precious natural resources – water. This year the UN aims to call on the world to accelerate change and for individuals, families, communities, and industries to alter their behavior for the greater good.

Water sustainability, of course, relies on management of our water supplies to ensure access to everyone. Since 1950, the amount of water used has grown twice the rate of the global population. The UN's campaign this year, aims to encourage sustainable behaviors including:

- Raising awareness
- Promoting water conservation
- Investing in infrastructure
- Supporting research and development

The UN is also working to enable change with measurement. This includes:

- Identifying water loss
- Promoting water conservation
- Enhancing water distribution
- Supporting sustainable development
- Maintaining the water distribution network

Since 1950, the amount of water used has grown twice the rate of the global population.

How will you as an individual within the water industry take part in promoting the sustainability of water? You can read more about water sustainability by clicking here.

PFAS Challenges Continue for Water and Wastewater Utilities

Per- and polyfluoroalkyl substances (PFAS) have become a household name in our industry. These compounds have rocked both water and wastewater utilities throughout the country.

For wastewater utilities, the latest challenge we are seeing is the passage of LD1911 in Maine which prohibits land application and beneficial use of wastewater biosolids/sludge. This, coupled with the passage of LD1639 which reduces the amount of out-of-state bulky waste that mixes well with sludge for landfilling, has resulted in a doubling or even tripling of sludge disposal costs for communities across Maine in just one year. Beyond costs, most communities are concerned about having a reliable place to dispose of sludge considering the volume of sludge that is not being trucked to New Brunswick, Canada. Dewatering upgrades, dryers, digestion, and PFAS destruction systems are just a few options being considered by wastewater utilities statewide.

For water utilities, we are seeing water sources returning tests with levels above both the State of Maine interim standards and the proposed Federal EPA regulation. This results in the need for emergency PFAS treatment systems, until longer-term solutions can be designed and put in place at either well sources or surface water treatment plants. Impacts spread far and wide, and even hit the town of Fryeburg last Fall. Wright-Pierce was chosen to assist with design and coordination of an emergency, temporary PFAS treatment system for the Fryeburg Water Company after elevated PFAS levels were found in one of the supply wells. The design and installation of ion-exchange treatment technology to remove PFAS substances went online just in time for the start of the annual Fryeburg Fair.

Wright-Pierce is currently helping several communities solve their PFAS issues by providing treatability and pilot studies, alternative analysis, forensics, treatment system design, temporary and emergency treatment, and funding assistance/ submission of grant applications. **Contact us at 888-621-8156 for more information.**

New and Improved: Water Safety Plan Manual

The International Water Association (IWA) and World Health Organization (WHO) have officially released the new and improved, second edition of their Water Safety Plan Manual. If you're unfamiliar with the Water Safety Plan Manual, it provides relevant and practical guidance for the development and implementation of a water safety plan in accordance with the WHO's guidelines for drinking water quality. This manual is intended for water suppliers and organizations who support them. Moreover, the manual contains a vast array of examples and case studies (from various settings and situations) that help to provide education and practical solutions to real-world challenges from around the world. It covers multiple aspects including:

- Risk assessments
- Risk communication
- Monitoring plans
- Contingency plans
- Documenting water safety plans

The new, second edition provides updates and new guidance on addressing emerging challenges faced by the water sector. These include climate change, equity, resiliency, and more. Check out the Water Safety Plan Manual second edition here.

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Workforce Development:

WATER WARRIOR JOBS INITIATIVE

Written by: Peter Goodwin, PE-Tata & Howard and John Hart-Russell Resources- June 2023

Passage of the Clean Water Act in 1972 triggered a push to set up infrastructure of modern water and wastewater treatment plants immediately. The profession saw an influx of technicians, mechanics, and engineers in the following years. Now, after decades in the business, many are retiring. In fact, nearly two thirds of Water/Wastewater Operators in the U.S. are approaching retirement age.

As we all know, one of the biggest challenges faced by our utilities looking to hire new staff is getting the word out. Many people are not aware of the career opportunities in the drinking and clean water fields, including good pay & benefits, job security, opportunities for advancement, training, and working with advanced technologies.

Water Warriors Jobs Initiatives (WWJI):

It is clear that many skills learned in the Armed Forces translate well into a successful career protecting the one thing no one in the world can live without – clean water. The water sector already has what is believed to be a higher percentage of Veterans currently working in our industry.

While many of our most qualified water/wastewater operators are retiring and leaving the industry with a labor shortage (not to mention the imminent loss of decades of institutional knowledge!) the Water Warrior Jobs Initiative seeks to tackle these problems by promoting the water/wastewater field as a desirable career option for transitioning active-duty service members and Veterans. Based on input from the Maine Department of Labor, while our Veteran unemployment rate is low, many are "under-employed" based on their military training and experience. The WWJI objectives include:

- Providing education and training opportunities
  - Promoting training outside of our membership,
  - Providing scholarships.
- Recruiting transitioning active-duty service members and Veterans
  - Developing a recruiting video with a W&C Foundation Grant to be utilized at the required Transition Assistant Program (TAP) events that all service members must participate in during their last year of active-duty,
  - https://drive.google.com/file/d/1e_nGo18q7db7gdp3Lrq3TT8O8SyhnZ43/view?usp=sharing
  - Communication and coordination with Veteran reps at the ME DOL,
  - Involvement with other Veteran Programs like Boots to Roots, Hire a Vet, etc..
- Streamlining the certification process for our veterans
  - Working with MEDEP to update rulemaking to provide 1 year of experience for any honorably discharge service member and 2 years' experience for service members with specific training in "water" related duty time.
- Providing placement assistance and apprenticeships
  - Offering apprenticeship opportunities to Veterans. An additional benefit is that Veterans that are GI Bill eligible can receive a stipend of up to $2,000/month for two years if they participate in an approved two-year apprenticeship program.

(cont'd on next page)

Workforce Development:
Water Warrior Jobs Initiative

- Utilities and companies can become SkillBridge Partners which transitioning service members can utilize up to the last six months of active-duty. This program is at no cost to a utility as the service member is covered by the Department of Defense remaining on active-duty.

On May 9, 2023, John Hart (USCGR Retired) was able to connect with the TAP Program Coordinator for the USCG-Boston and present at a TAP event at USCG Station Rockland, Rockland, Maine. This particular audience consisted of 23 departing and/or retiring USCG members including one spouse. Their Active-Duty (AD) service ranged from minimum enlistment obligations to full 20 year plus retirements. Following the NEWEA 8-minute video, John provided an overview and importance of this nationwide initiative.

He also emphasized the countless qualities that the audience has gained through their time in service such as leadership, mentoring, safety, communication, collaboration to name just a few. Pamphlets and a NEWEA one-page sheet were provided, along with contact information.

John recently met up with a former AD CG member that continued his service in the USCG Reserves and has been working for a Maine water utility for the last 12 years. This water professional sees no end in his career growth plan and will be used as a future example of successful transitioning from AD to the water industry.

We plan to participate in upcoming TAP sessions at the USCG Stations in Boston and South Portland. We are also working with NYWEA to participate at Fort Drum, New York.

If you are interested in supporting the WWJI consider joining the NEWEA Workforce Development Committee.

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TECHNOLOGY CORNER

Accurate Magmeter for Remote Locations

A common challenge amongst water utilities in Maine is measuring water usage/flow at remote pump stations. To compound that problem, sometimes these stations can become submerged at different times throughout the year. Siemens took on this problem as a challenge and have developed their battery operated Magmeter. In addition to it being battery powered, it is also able to be submersed and still operate. Find more information about this Magmeter here.

Disinfecting Water with Sunlight and Nontoxic Powder

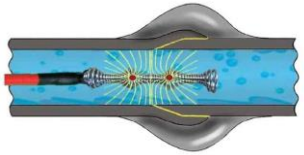
Around the world about two billion people do not have access to safe drinking water. Those two billion people routinely drink water contaminated with disease causing microbes. Scientists at Stanford University and the SLAC National Accelerator Laboratory have developed a low-cos, recyclable powder that disinfects water quickly when exposed to sunlight. For the study, scientists took water contaminated with about one million E. Coli bacteria per milliliter, added the powder, and exposed it to sunlight. Within sixty seconds, no live bacteria were detected. On top of that, researchers were able to remove and reuse the powder with the use of an ordinary magnet. Read more about this powerful disinfectant.

Drinking Water Disinfection with Silver

As previously mentioned in the article about the new disinfectant powder, a large portion of the world's population (about 30%) does not have access to safe drinking water. Around the world, researchers are attempting to combat this issue. Recently, a Chinese research team has figured out a new and simple method to disinfect drinking water. Through synergistic effects, biocompatible assemblies of atoms/quantum dots, made of silver sulfide and caps of silver-binding peptide, are able to kill bacteria in water when irradiated with near-infrared light. This technology has shown the ability to kill over 99% of E. Coli bacteria within 25 minutes of near-infrared irradiation. Read more about these silver-binding peptides here.

TECHNOLOGY CORNER

Leak Detection



One form of leak location technology is based on the simple fact that if a pipe will leak water, it will leak electricity. Focused Electrode Leak Location (FELL) uses this principal to locate leaks. A probe is pulled or pushed through a pipe while it emits a high frequency, low voltage and amperage electrical signal to a ground rod. When the ground detects an electrical signal, indicating a leak, the software analyzes the signal and reports the location of the leak in the pipe. This technology can be used for pressure mains as well as gravity pipe. If the pipe being analyzed is a gravity sewer main, a water jetter is used to fill a short length of the pipe around the probe with water and the analysis proceeds as described.

This technology allows district management to make informed decisions about which pipes, and where in the pipe, have to be repaired or replaced first. Read more about this technology here.

Lifting Equipment

One of the main causes of on-the-job injuries is incorrect lifting. Incorrect lifting can be caused by carelessness, but it can also be caused by a lack of good lifting equipment, or by lifting equipment not located where the lift is needed. If we add lifting people to this discussion, we add another level of risk and potential problems to the list. Did you know that portable lifting equipment such as Davit and Gantry cranes can be used to lift both men and equipment up to 11,000 pounds? Learn more here.

$6.5 Billion in Funding

announced by EPA

The Environmental Protection Agency (EPA) has announced $6.5 billion in funding for states, tribes, and territories to implement infrastructure upgrades that are essential to drinking water. This funding will be available through Drinking Water State Revolving Funds (DWSRF). This funding is being provided in an effort to strengthen the nation's water infrastructure and provide resources to address the key challenges faced by the water sector. Some of these challenges include:

- Climate change
- Emerging contaminants (e.g., PFAS)
- Cybersecurity

These DWSRF allotments are based on the EPA's 7th Drinking Water Infrastructure Needs Survey and Assessment (DWINSA) which occurs every four years. Findings from the DWINSA show that drinking water utilities need $625 billion in infrastructure investments over the next 20 years to ensure the nation's public health, security, and economic well-being. Read more about this funding here.

Operations Challenge

Last week we were in Saratoga Springs, NY for the 2023 NEWEA/NYWEA joint spring meeting. We attended as "Force Maine" to represent Maine in the NEWEA regional Operations Challenge qualifier. One week later, I let my mind go and this is what I heard in my own voice: "L1 Ground, No Power; L2 Ground, No Power; L3 Ground No Power; No Power to Ground Present" this set of phrases is part of my role in the pump maintenance event in the Operations Challenge.

After 2 years on Force Maine, Ops Challenge has become a part of me. The Operations Challenge is akin to wastewater olympics, consisting of 5 different events that test 4 person teams in many facets of wastewater operations.

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Operations Challenge (cont'd)

The Lab, Collections, Maintenance, and Safety events are timed, with time added for penalties, quickest times win. The process event consists of a computer simulated treatment plant and math, heavy duty math! In this event, you try to get as many points as possible in 30 minutes and don't forget to show your work.

Force Maine '23 consists of Dan Munsey from Brunswick Sewer District, a 7-year veteran with expertise in safety and collection systems. Matt Szuter from Saco Water Resource Recovery Department is new this year and brings much needed lab experience.

The Force Maine '23 team

Our other new member is Darren Lauletta from York Sewer District, who recently got into wastewater from pipefitting and brings experience in many disciplines and a no fear attitude. I serve as the captain and was the Superintendent of Bethel Wastewater, I am not sure exactly how I contribute, but Force Maine and Ops Challenge are the coolest things I have been associated with. Finally, a big shout out to Rob Pontau, GM at Brunswick Sewer District. Rob has been and is crucial to the continuation of Force Maine. Rob recruits, schedules, arranges travel, handles the finances, and provides encouragement and practice space. Thanks Rob!

The past few years have been tough for Force Maine. It can be difficult to get 4 people together especially when the teammates are not geographically close to each other. This thought leads me to what I would like to say in this article. I feel that Ops Challenge is a microcosm of greater wastewater operations. Due to many factors, wastewater operators always strive to overcome problems by employing creativity, intelligence, and sometimes sheer determination. While we were in Saratoga Springs assembling the equipment we would compete on, I felt the character from everyone involved. There were many hiccups and personalities that brought all of us together as we drew on the operator spirit to get it done, learn stuff, network, and have a great time.

I will always reserve the last bit to acknowledge and praise the many, many people involved in MEWEA and NEWEA that volunteer time and expertise to allow Ops Challenge competitors to come together in a fun environment to grow professionally and personally.

Jeff Warden
Captain, Force Maine

A 50-Year Poster Tradition Celebrating **'Clean Water Week'** Receives Its Highest Turnout in History

From Ukraine to Maine – student refugee among twelve Maine students to earn top honors!

Since 1983, when the Maine Legislature designated the first full week in June as 'Clean Water Week' one of the longest-running signature events by Maine Water Environment Association (MeWEA) has a been a poster contest aimed at engaging youth audiences. MeWEA is the largest association of water industry professionals, nonprofits, and sewer districts in Maine, representing over 650 members. For the last fifty years, MeWEA has been working to improve the quality of Maine's waterways through better water treatment processes, and to raise the value that people place on water, the world's most valuable natural resource.

"Most Mainers are not too old to remember when trash was routinely dumped into lakes, and raw sewage was released directly into the ocean and rivers. And while it is important to look back and see how far we've come, the water industry is looking ahead to see where we can improve," said Tim Wade, President of MeWEA. In 2022, Maine became the first state to make cutting-edge efforts to stop emerging contaminants like PFAS from ending up in our soils and waters. "Our work today feels similar to that of 1983, and we need the support from tomorrow's water industry leaders," Wade added.

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"Clean Water Week" Poster (cont'd)

To reach those youth audiences, MeWEA introduced the "Why Water Is Worth It to ME" poster contest, which annually engages hundreds of students statewide to submit artwork from grades K-12. This year, a record 550 students entered, including a 10-year-old refugee that moved to Maine during the Russian invasion.

Hannah Case, a 4th grader from Poland Community School earned recognition this year after competing for the last three years. "The poster contest is very fun and exciting. This year I had to make two posters because my dog chewed up the first. Don't worry though, you usually only have to make one."

Cliff Island School teacher, Jenny Baum, had the entire school make entries to the contest, one of whom is a recent refugee from Ukraine. Baum said, "those who live in the middle of the ocean will always have an outsized and special appreciation for the power of our seas, and the value of clean water."

Over a dozen businesses in Downtown Biddeford will display the students' artwork on Main Street during the month of June, thanks to a partnership with the Heart of Biddeford, a municipal nonprofit working to improve the quality of life in town. "The Saco River is a critically important part of Biddeford's identity and one of the most valuable assets in this community. We all share the responsibility to raise appreciation for clean water in Maine," said Heart of Biddeford's Kiara Frishkorn.

To see a full list of 2023 winners and to view the 550+ submissions visit the MeWEA webpage.

Water Conservation & Public Education

The implementation of a water conservation strategy is a critical component in the management of water for all water utilities, large or small. A portion of the conservancy strategy should include the formation of a public education program. Studies have revealed that public education can assist water utilities in achieving their water conservation goals.

Successful consumer water conservation programs all have one key element – customer education. The main objective of this approach is to inform and teach the utility's consumers the role they play in water preservation. First and foremost, the customer needs to be informed of the reasons for the necessity of water conservation. Not only is this crucial for the utility but also to help the customer control their usage fees. A large portion of the education should include the user's benefits of conserving water and the actions recommended to achieve the utility's conservancy. Furthermore, it is important that the customer is aware of the community water system's risks and liabilities by not safeguarding water supplies. For the long term, the consumer should be advised to replace their inefficient appliances and plumbing fixtures as needed. This is the utility's opportunity to help the customer to make smarter decisions when purchasing new products or replacing old fixtures and/or appliances. Long term water conservation is dependent upon the customer's buy-in. For additional information, please see MWUA's Resources section, "Media and Public Relations Guide", page 47.

Water efficiency and conservation are extremely important even when water is plentiful. These two factors are typically the quickest and least expensive ways to help ensure that your community and agriculture have access to affordable and sustainable water supplies. Making every drop of water count is especially significant today due to climate change and other facets. Everyone is well aware that our country has been experiencing hotter, dryer weather and nearly every state experienced drought in 2022, including the worst drought in the western U.S. in hundreds of years. Water affects almost every human activity. Therefore, it is up to all of us to make every drop of water count!

MWUA, MeWEA and Portland Water District hosted the first Water & Wastewater Professionals Day on June 22nd at Hadlock Field. We sold over 300 tickets to the game. Everyone attending enjoyed a cookout with hamburgers, hot dogs, and pulled BBQ chicken.

Prior to the Sea Dogs taking on the Reading Phils there was a group photo under the Jumbotron followed by first pitches.

(cont'd on next page)

Water & Wastewater Professionals Day

Our pitchers were Tracy Chouinard, Brown & Caldwell; Cole Lockhart, EJ Prescott; Jess Parker, Chadwick BaRoss; Ryan Barnicle, Core & Main; Nate Wade (son of Tim Wade, President of MeWEA); Hunter McGuire (grandson of Brian McGuire, President of MWUA); and two operators from PWD, Jimmie Stewart and Donnie Zaluski.

A toilet and hydrant (Mason and Nolan Poulin) played a game of tic-tac-toe. Nolan came out on top. There was a game of musical toilets. The participants were Mason and Ethan Williams along with two other children. Mason Williams won. Hunter McGuire raced Slugger around the bases and beat Slugger to home! Next up were trivia questions about water and wastewater.

The Sea Dogs played a tough game; however, they were defeated by the Reading Phils. We have received rave reviews from those in attendance. If you couldn't attend this year's Water & Wastewater Professionals Day, you won't want to miss it next year.

In Summary...

Don't have a lot of time?

Below is a summary of some of the main topics in this issue:

See the latest collaborative update with Work for Water New England?

Congrats to our featured community: City of Rockland Wastewater Dept.

See where we are in eliminating lead from our drinking water.

Know anyone who should be nominated for Operator of the Year?

Read about Water & Wastewater Professionals Day

As always, thank you for taking the time to read our One Water newsletter. If you have any comments or suggestions, feel free to let us know. We'd love to hear from you!

Thank you to
Our Partners

Many of the initiatives we have are possible because of supporting partners like the ones featured here. Let's support them back!

Interested in becoming a sponsor?

You can still sign up and be featured in upcoming newsletters! As a joint sponsor you'll reach both the MWUA and MeWEA audiences.

Limited spots available!
For more information, contact cwade@mwua.org