

MAINE



WATER

NEWS

January 2008

A Publication of the Maine Water Utilities Association

Number 137

Your Association

William G Alexander, Jr., President

Talk about coincidences, I'm composing my last newsletter as President of Maine Water Utilities Association during a New England Nor-Easter, exactly the same type of weather event as when I wrote my first one. Little did I know that the issues that the President has to deal with would arrive with such speed and change in direction much like the winds of the storm itself!

However, throughout the year, the members of this association and its seventy plus volunteers that make up the various committees always rise to the challenges of these changing issues that crop up during the year. Sustainable water, resource protection, and the hours of work expended yearly to obtain the match for the SRF, or any other new concept that comes along, is an example of a few. All the while, they continue to do an outstanding job of ensuring that the association meets its goals and commitment for providing opportunities to advocate for safe drinking water through education, legislation, policy and networking.

Most recently at the December bimonthly meeting which was held in North Yarmouth, the chairs of these committees gave their annual reports for 2007. The reports summarized the Associations activities of 2007 and what is to come in 2008. While listening to the Chairs of the MWUA committees I was deeply impressed with the quantity and quality of the programs that these volunteers have brought to the membership over the past year. The depth of professionalism that is demonstrated by these individuals is second to none, in my humble opinion. Their rising to protect the interests of the water industry, large or small, private or public, within the State of Maine is a compliment to themselves and the organizations that employ them.

In 2008 we hope to see the implementation of a regional clearing house website that is being developed by NEWWA with cooperation from all New England state waterworks associations. Fortunately, for Maine, we have two fine volunteers that are ready and willing to fulfill Maine's portion of this new program. The purpose of this effort is to disseminate information to state associations and their members. We should also see a more robust and timely Maine Water Utilities Association website in the New Year as well.

In a short few weeks the new officers will take their seat and lead Maine Water Utilities Association into 2008. I would encourage you to call or email the Directors of the association with any questions or comments. Their e-mail addresses can be located on the association's website. We welcome your input, good or bad. Another excellent avenue for speaking to the Directors or committee members is the Maine Water Utilities Association annual tradeshow and conference that takes place on the 12th and 13th of February. All Directors and committee members will be there and available to speak to.

In closing I would like to thank every member of the fine organization for your continued support of MWUA. For those that aren't members, I would ask that you reconsider and join this association.

What I am trying to illustrate is that MWUA, through its members, volunteers, Directors, Executive Director and staff, is your association. Through the participation of yourself or others from your organization you can continue the fine tradition of this organization that has been serving Maine water utilities since 1925.

I would like to thank every member for your continued support of the Maine Water Utilities Association and for allowing me the honor of serving as your President.

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Material of interest to the water supply profession will be considered for publication. Copy deadline is the 15th day of month preceding publication.

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Organizational Meeting Set for In Stream Flow Committee

In accordance with the enactment of the DEP's Chapter 587 In-Stream Flow and Lake and Pond Water Levels regulation, water systems withdrawing from surface waters will be required to determine their system design capacity. System design capacity, which is the annual volume of water available to those systems, considers documented withdrawal and the investments in infrastructure that provide a safe and dependable supply of water for public use.

System design capacity is to be determined by the Maine Drinking Water Program. The target dates are for all community surface water supplies to evaluate their system design capacity and submit a report to the Program by July 1, 2008 and for the Program to determine the system design capacity for each of those systems by June 30, 2009.

In order to maintain continuing participation by water system representatives in this process, the association has established an In Stream Flow Committee to work on implementation of the new rule.

This initial meeting will include an overview of Chapter 587 provisions, a discussion of data collection, analysis and management and a foray into the topic of water conservation. The committee's first organizational meeting will be held in January. Additional information can be obtained by contacting the MWUA office.

Beardsley Accepts Division Director Position

Nancy Beardsley recently accepted the position of the Director of the Division of Environmental Health, within the Department of Health and Human Services.

Beardsley, who has a Bachelor's Degree in Geology and a Master's in Public Administration, has considerable experience in environmental health and environmental protection. Formerly she was the Director of the Division's Drinking Water Program, where she successfully managed a time of change.

Congratulations are in order. The association is looking forward to continued productive collaboration with Nancy and Program personnel.

Fluoride Shortages Prompt Question, Elicit Answer

At the December meeting of the Board of Directors there was discussion concerning the fact that shortages of certain chemicals had forced some systems to temporarily suspend fluoridation. If a system has to cease fluoridation for a period of more than 30 consecutive days, the system is required to notify customers.

The question was posed to Drinking Water Program staff as to whether the public notification has to be accomplished by a mailing.

The response was that the rule does not state that the public notification needs to be done by mail. It was noted that the Program would work with the public water system to determine a good method for telling the public that fluoridation will be suspended. For example, notification via the newspaper would probably be the preferred method in most cases. The Fluoride rules can be accessed at the following link: http://www.maine.gov/dhhs/eng/water/Templates/Rules/fluoriderules_files/2006%20Fluoride%20Rules%20Final%20clean%20copy.rtf



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MWUA Welcomes New Directors

208 members (about half the eligible voters) availed themselves of the opportunity to cast a ballot for 2008 Directors.

Congratulations to new Board members Kathy Moriarty of the Bangor Water District and Steve Cox of Aqua Maine. Each will take office at the January 3, 2008

Board of Directors meeting and they will each serve a 3 year term.

The terms of Judy Kelley, Mike Nadeau and Brian Tarbuck will end at the same time. Their commitment and contributions over the past years was acknowledged recently at the December meeting of the Directors.

Copper Thefts Can Hit Close to Home

The news is rife with accounts of copper theft, as the price of scrap increases. Recently, Greater Augusta Utilities District employees discovered that copper wire had been removed from any exposed area outside a number of their stations. The vandals cut copper wire as far up as they could reach and then cut it at ground level. They also cut the wire from the ground rod.

Water utilities would be well advised to check their facilities regularly and to also take measures to minimize the risks presented by thieves.

Maine Water Conference set for March 19th

The 2008 Maine Water Conference will take place on Wednesday, March 19 from 7:30 am-4:00 pm at the Augusta Civic Center. Planned for this year's conference are sessions on a variety of topical water resource issues including: the effectiveness of BMPs and land use management in the protection of drinking water supplies, groundwater threats and private wells, impacts of climate change on water resource-related sectors, water-level fluctuations on lakes, and tools for watershed managers.

Panel discussions will focus on legislative issues, rule-making, and local perspectives on watershed management. The plenary session will feature keynote speaker Lauri Fowler, Co-Director for Policy at the University of Georgia River Basin Center. Also included are a juried student poster competition, exhibits, and ample networking opportunities. Registration is \$38 and includes lunch. FMI: www.umaine.edu/WaterResearch or call (207) 581-3244.

Farewell to a Friend Timothy S. Gimpel

Timothy S. Gimpel, 63, died in Topsham on Tuesday, Nov. 20, 2007, of complications from Parkinson's Disease. He was born in Raynham, Mass. on March 27, 1944, the son of William F. and Edith Witherell Gimpel.

Tim earned a Bachelor's Degree in engineering from the University of New Hampshire and a master's degree in civil engineering from Northeastern University. He was employed for more than twenty-five years at

Wright-Pierce in Topsham, providing civil engineering services to many Maine towns and water districts.

He was predeceased by his wife Holley in 1999. He is survived by a son, two daughters, his mother, a brother and a sister.

A memorial service was held on Dec. 14th in Freeport. In lieu of flowers, memorial contributions were requested to be made to the National Parkinson Foundation, The Michael J. Fox Foundation for Parkinson's Research and the American Parkinson Disease Association.

Valve Repair & Maintenance Operator Forums Back Again in January

Back by popular demand is the Valve Repair & Maintenance Operator Forum. The training will cover the various types and repair of valves, how an insertion valve can help with valve repairs and the proper selection of valves. In addition to the subjects covered in the November operator forums, the session will cover the installation on valves on various types of pipe such as PVC, polyethylene and ductile iron.

A video on what really happens during water hammer will be the featured attraction.

The forums are scheduled for January 10th in Calais, January 16th in Ellsworth and January 17th in Mexico. 3.0 Training Contact Hours will be awarded. The cost to attend is \$20 per attendee.

Enrollment is limited and on a first come, first serve basis. Registration forms are available online at <http://mwua.org/calendar.htm> or by calling the MWUA office at (207) 832-2263.

New Laboratory Manager Joins Aqua Maine

Aqua Maine is pleased to announce that Stephen Peats has joined the company as its new Laboratory Manager. Peats will have responsibility for all water testing completed at Aqua Maine's state certified laboratory in Rockport and for providing technical assistance to the company's water treatment facilities throughout the state.

"Stephen comes to Aqua Maine with 20 years of experience in water chemistry and we are pleased to have him on our team" said VP Operations Rick Knowlton. "Our laboratory business has increased in the past five years and as we expand our laboratory services under Stephen's leadership, our laboratory customers will see a wider array of water testing options. In addition, Stephen's knowledge and analytical expertise will help Aqua Maine address the increasingly stringent regulatory requirements with the best water treatment processes."

Peats is excited to be joining Aqua Maine, with its strong focus on water quality and compliance for its many systems throughout Maine. "I am pleased to be back in the lab environment and to have the opportunity to be part of the expansion of services to Aqua Maine's lab customers. I also look forward to being a part of the solution as Aqua Maine works to meet new water quality regulations."

Peats has a degree in Chemistry from the University of Kent in Canterbury, England and a Masters degree in Chemistry from Tufts University in Boston. Most recently he was employed by GAC Chemical Corporation in Searsport.

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The December Meeting

The December meeting, hosted by the Yarmouth District, featured a number of interesting and informative presentations. The welcome to town consisted of an interesting account by local historian Lincoln Merrill, Jr. and a system overview delivered by Superintendent Bob MacKinnon. The regulatory update, provided by Roger Crouse, brought members up to speed on rulemaking, personnel changes and other pertinent news.

There was an excellent technical program dealing with the uses of HDPE pipe, with particular emphasis on trenchless applications. Members of the Northeast Trenchless Association (www.northeasttrenchless.com) provided a very detailed and interesting presentation of the various materials, technologies and services that are available.

Annual committee reports covered the activities of the past year and provided some insight into what 2008 holds in store.

Lunch was an abundant buffet from Keeley the Katerer; there was no reason to leave hungry.

Following lunch, Mike St. Peter of St. Peter Safety Services discussed the finer details of chain saws and safety aspects associated with operating them. This 2 hour session proved to be a mere primer on what one needs to operate a chain saw in an efficient and safe fashion.

There is a good chance there will be additional sessions of longer duration, dealing with this subject.

Kudos to the Yarmouth Water District for hosting this event, the Program Committee members who coordinated the session, the committee members and chairs for their diligence throughout the year and everyone else who contributes, on a regular basis, to deliver association events and activities.

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Drinking Water Program Chosen for Demonstration Project

The Maine Department of Health and Human Services Drinking Water Program has announced that Maine is one of three states, selected from a field of 19 applicants, to work with The Trust for Public Land and the Smart Growth Leadership Institute, in cooperation with the Association of State Drinking Water Administrators and the River Network. The purpose of the project is to improve the coordination of state agencies and other entities whose activities and decisions can influence drinking water quality and availability. The program is entitled Enabling Source Water Protection: Aligning State Land Use and Water Protection Programs, and it will focus on implementing Maine's recently passed legislation, PL 2007, Chapter 353, in which the Legislature directed all state agencies to consider the impact of their decisions and actions on public water supplies.

New Hampshire and Ohio were the other 2 states chosen as participants.

In making the announcement, the project partners noted that the three states demonstrated a high level of commitment to source water protection, as well as timely policy initiatives and support for finding linkages among State programs. The announcement stated that: "When undertaking source water assessments in recent years, Maine identified unplanned development as the primary threat to drinking water quality. Through this project, Maine will implement a new law that requires integration of source water protection into an array of State programs. The proposal was endorsed by 18 organizations including key state program managers, water utilities, and universities."

This US EPA funded project will provide the selected states with recommendations based on state-specific program reviews, consultation with experts on best practices from around the country, exposure to other state examples and strategies, strategies for improving funding for water protection, and a support network (both within and outside government) for implementation.

Groundwater Rule Guidance Published for States

USEPA recently published a draft Ground Water Rule Implementation Guidance manual for states and EPA regions to rely on in implementing the year-old Ground Water Rule.

Included in the guidance are a summary of rule requirements and a timetable of important dates, detailed time frames for application review and approval, sample scenarios requiring public notification, sample language to include in public notices and Consumer Confidence

Reports and materials to help states adopt and utilities to comply with the new rule.

For guidance and associated appendices:

www.epa.gov/ogwdw/disinfection/gwr/compliancehelp.html#states.

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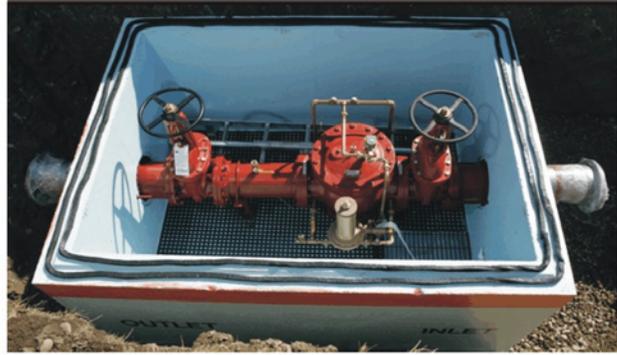
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New Superintendent and Retirements Announced at New Portland Water District

At New Portland Water District Charles Costello, Juddy Calder and Wanda Calder announced their retirements effective December 31st. Charles had been with the NPWD for twenty-five years and Juddy and Wanda had been with the District for fifteen years.

Alan Stewart is the new Superintendent and Steve Pease is the back-up operator. The Board of Trustees include: Marilyn Gorman, Donald Edes, Gary Cobb, Dianne Pease and Dick Salmon. New officers include: Donald Edes (President), Dianne Pease (Clerk) and Andrea Reichert (Treasurer).

Woodard & Curran Hires New Senior Project Manager

Woodard & Curran, a 500-person, integrated engineering, science and operations company, recently hired Ken Carlson as a Senior Project Manager for municipal wastewater services.

Mr. Carlson has nearly thirty-five years of experience managing the planning, design, and construction phases of wastewater treatment facility upgrade and design and sewer infrastructure projects. His

project experience ranges from comprehensive plant evaluations to wastewater treatment facility upgrades to meet administrative consent orders and multi-million dollar sewer replacement projects.

Mr. Carlson has been an active member of the New England Water Environmental Association. He is a recipient of the Water Environment Federation's Arthur Sydney Bedell Award, which acknowledges extraordinary personal service to the organization.

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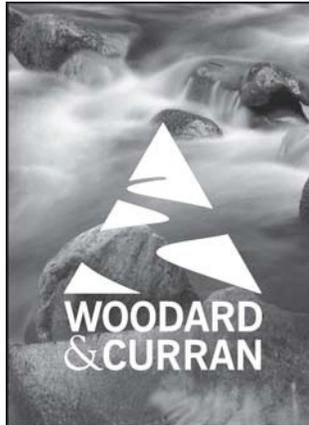
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Lead and Copper Rule Short-Term Revisions Focus on the Risks

(This brief synopsis was condensed from a summary prepared by Dina Page, Water Quality Manager, of the Bangor Water District. The complete summary is on the website: www.mwua.org).

Short-term revisions to the Lead and Copper Rule (LCR STR), promulgated on October 10, 2007, are intended to address implementation issues with the existing regulation. The long-term revision process is expected to begin soon. The Maine Drinking Water Program anticipates that the rule will be implemented on April 8, 2008.

Key elements of the LCR remain the same (i.e. lead and copper action levels, optimal corrosion control treatment, and how systems comply with the treatment technique). The short-term revisions can be divided into four categories:

- 1) Monitoring Revisions
- 2) Notification of Treatment and Source Changes
- 3) Public Education/Notification
- 4) Re-evaluation of Tested Out Lead Service Lines

Monitoring revisions include modifications to the minimum number of samples required, definitions for compliance and monitoring periods and reduced monitoring criteria.

Minimum number of samples required: The five sample minimum will be retained, but States will have the discretion to reduce that number to one sample per tap used for human consumption where there are fewer than five such taps (the DWP will allow this option). For systems collecting fewer than five samples, the highest values will be compared to the action levels to determine if the system meets the action level screens.

Definitions for compliance and monitoring periods: All systems in exceedance will be affected by this revision. Systems on reduced monitoring plans are deemed to be exceeding the Action Level (AL) as of the date on which the monitoring period ends as opposed to the date on which the compliance period ends. Actions to be taken when an AL is exceeded have revised timeframes for implementation based on the date of the end of the monitoring period. Examples include 10 days to report results, 60 days to conduct public education, 30 days (from receipt) to notify samplers, 3 months to certify sampler notification, and 6 months for corrosion control recommendations. Additionally, systems on reduced monitoring plans (triennial monitoring) cannot spread monitoring out over the three-year period, but instead must sample over a four month period (typically June – September) every three years. The system cannot exceed three years between sampling events.

Reduced monitoring criteria: Systems that exceed the lead AL can no longer use compliance with water quality parameters to remain on reduced monitoring.

Only those systems meeting optimal water quality parameters and the lead action level will be allowed the option of reduced monitoring.

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Notification of Treatment and Source Changes will affect all systems on reduced lead and copper tap monitoring making a long-term treatment change.

Systems are required to notify the State in writing and obtain approval prior to implementing a long-term change in water treatment. Examples of long-term treatment changes include addition of new treatment process, modifications of existing treatment processes, source changes, etc. Chemical dose fluctuations are not considered long-term treatment changes unless the system is planning long-term changes to finished water pH, alkalinity, or residual inhibitor concentration. This revision complements the State of Maine Rules Relating to Drinking Water, which already require a design review prior to installing or changing treatment as well as new source approval prior to placing into service.

Public Education: All systems in exceedance will be affected by this revision as it incorporates message content revisions and public education delivery revisions. The mandatory language provides greater specificity on lead health effects including IQ impacts. Materials must be submitted to the State for review and approval, and flushing recommendations can be adjusted per system request and State approval. Public education materials must be delivered within 60 days from the end of the monitoring period. Additional organizations (i.e. childcare facilities, pre-schools, OB-GYN offices, etc.) should receive this information and systems must contact local health agencies via phone or in-person to better coordinate the educational outreach. Notification of the lead AL exceedance must be included with every water bill until the system is back under the action level.

Consumer notice of lead tap results: All systems will be affected by this revision. Systems must provide notification of lead in drinking water results within 30 days (from receipt) to the occupants of sites that are tested in the LCR tap monitoring program. Test results, health effects, actions to reduce exposure, utility contact, maximum contaminant level goal (MCLG), and action level information need to be included in the correspondence. The information can be delivered by mail or another approved method and must be provided to all occupants including those who do not receive water bills. Within 3 months of the end of the monitoring period, the system must submit a sample copy of notification along with certification that notification requirements were met.

Consumer Confidence Report (CCR): All community water systems will be affected by this revision. The annual CCR must include a statement about lead in drinking water and health effects on children. The revision further requires that certain additional health information must be provided along with a flushing recommendation of 30 seconds to 2 minutes. Systems can adjust the statement with State consultation. The State will provide the required language.

Re-evaluation of Tested Out Lead Service Lines will affect systems that used the test-out procedure for lead service lines under the mandatory lead service line replacement program. Lead service lines that tested below 15 ppb would not be considered permanently replaced and would have to be re-evaluated if the system later exceeds the lead action level. The schedule for replacement of lead service lines is more explicit under the short-term revisions.

FMI: www.epa.gov/safewater/lcrrm/compliancehelp.html



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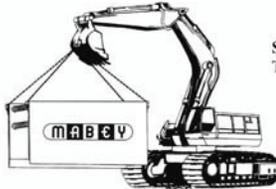


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MAINE WATER UTILITIES ASSOCIATION RIGS & GIGS CONTEST



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CONTEST RULES:

1. Two (2) entries per utility or municipality.
2. Each entry shall include the following:
 - A photograph (no larger than 8½" x 11").
 - A brief description of the device or procedure.
 - A list of materials and estimated cost.
 - A brief summary of how to build the device or perform the procedure.
 - A brief summary of how you feel this benefits your productivity and operation.
3. Submit your entry(s) by Tuesday morning (February 12th, 2008) to the MWUA Booth at the Trade Show in Portland; or mail to MWUA, PO Box P, Waldoboro, ME 04572 (entries via mail must be received no later than January 31, 2008).
4. The pictures will not be returned.
5. You do not have to be present to win.

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*Please submit your completed entry form, photo, and brief summary to:
Rigs & Gigs Contest, MWUA, PO Box P, Waldoboro, ME 04572.*



MAINE WATER UTILITIES ASSOCIATION PEOPLE, PLACES OR THINGS PHOTO CONTEST



Contestants should submit a WATER SYSTEM PHOTO. The photo could be old or new - as long as it is a water system photograph and shows people, places or things related to providing public water service. (Please - no kids playing at the beach or scenic mountain pools that are not a source of drinking water). This contest is meant to be fun and to recognize some of those interesting, funny, amazing and odd people, places or things that Public Water Systems deal with every day.

The contest will be judged at the February Trade Show in Portland.

CONTEST RULES:

1. The contest is open to anyone who works in the water or wastewater profession.
2. Please no photos larger than 8½" x11".
3. Submit your photo(s) by Tuesday morning (February 12, 2008) to the MWUA Booth at the February Trade Show in Portland; or mail to MWUA, PO Box P, Waldoboro, ME 04572 - entries via mail must be received no later than 1/31/08.
4. The pictures will not be returned.
5. You do not have to be present to win.

Three Prizes!
1st Prize - \$100
2nd Prize - \$75
3rd Prize - \$50

PHOTO CONTEST ENTRY FORM

Water system name (If applicable) _____

Entrant's name _____

Address _____

City/State/Zip _____

Telephone _____ or E-mail _____

PLEASE WRITE A BRIEF DESCRIPTION OF YOUR PHOTO

Please attach this form to the back of your photo. The photos will not be returned.



MAINE WATER UTILITIES ASSOCIATION

82nd ANNUAL FEBRUARY MEETING AND TRADE SHOW

February 12 - 13, 2008

REGISTRATION FORM

INSTRUCTIONS - Please complete all sections.

Mail completed form with payment to:

Maine Water Utilities Association, PO Box P, Waldoboro, ME 04572 or fax: 207-832-2265. Phone: 207-832-2263
 Program schedule and forms also available on the web at www.mwua.org Registration deadline is February 1, 2008.

ATTENDEE INFORMATION

Name: _____ Title: _____

Company: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Email: _____ MWUA Member #: _____

EVENT REGISTRATION - Please check all that apply

Register by	Registrations Received
02/01/2008	After 02/01/2008
\$150/person	\$200/person

- TWO DAY FULL CONFERENCE REGISTRATION**

	\$150/person	\$200/person
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Two-Day Full Conference Registration covers Tuesday & Wednesday Training Sessions (including material handouts and certificates), Tuesday & Wednesday Luncheons, Continental Breakfast on Wednesday, attendance at Tuesday's Trade Show Preview & at the Trade Show on Wednesday.
Please select all the sessions you plan to attend below! Pre-registration is required.
- ONE DAY TUESDAY SESSION ONLY CONFERENCE REGISTRATION**

	\$120/person	\$150/person
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 - SESSION A: Energy Efficiencies9:00 AM - 12:15 PM
 - SESSION B: NEWWA: Handling Customer Complaints9:00 AM - 12:15 PM
 - SESSION C: NEWWA: Water Storage Tank O&M9:00 AM - 4:20 PM
 - SESSION D: Filtration Basics & Operating Experiences9:00 AM - 12:15 PM

 - SESSION #1: Infrared Vibration Analysis1:30 PM - 3:30 PM
 - SESSION #2: GIS Case Studies1:30 PM - 3:30 PM
 - SESSION #3: Trustee Session1:30 PM - 3:30 PM
 - SESSION #4: Advances in Disinfection1:30 PM - 3:30 PM
- TUESDAY BUFFET LUNCHEON ONLY** (Sessions A, B, C & D Include the Luncheon)

	\$30/person	\$40/person
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- TUESDAY TRADE SHOW ONLY** (Pre-registration is required)

	NO CHARGE
--	-----------
- WEDNESDAY TRADE SHOW ONLY** (Pre-registration is required)

	NO CHARGE
--	-----------
- WEDNESDAY ONLY - TECHNICAL MODULES**

	\$30/person	\$40/person
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 - SESSION #5: Leveraging GIS: Optimizing Water Distribution System8:30 AM - 9:30 AM
 - SESSION #6: Distributed SCADA Monitoring and Control Systems10:30 AM - 11:30 AM
 - SESSION #7: History & Maintenance of Today's Fire Hydrants1:00 PM - 2:00 PM

TOTAL AMOUNT DUE OR TO BE BILLED \$ _____

PAYMENT OPTIONS

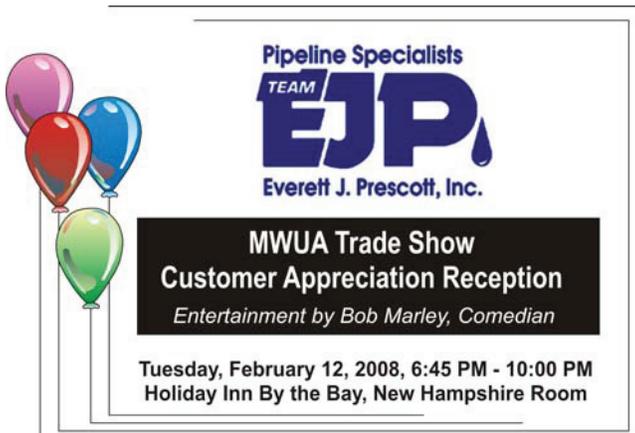
- Check Enclosed
 Charge my credit card ___ / ___ / ___ / ___ ___ ___ / ___
 (Visa or MasterCard Only) Credit Card # 3-Digit ID# Exp. Date

Name on card: _____

Authorized Signature: _____

Maine Water Utilities Association is a non-profit membership organization which was organized in 1925. The Mission of the Maine Water Utilities Association is to represent the water works professional membership in advocating safe drinking water through education, legislation, policy and networking.

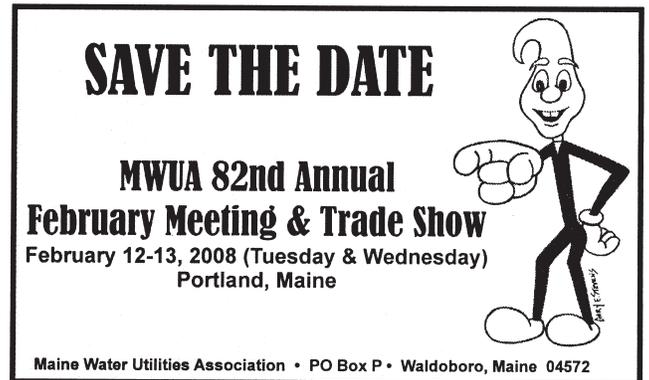
MAINE WATER NEWS
P. O. BOX P
WALDOBORO, ME 04572-0917



Pipeline Specialists
TEAM EJP
Everett J. Prescott, Inc.

**MWUA Trade Show
Customer Appreciation Reception**
Entertainment by Bob Marley, Comedian

Tuesday, February 12, 2008, 6:45 PM - 10:00 PM
Holiday Inn By the Bay, New Hampshire Room



SAVE THE DATE

**MWUA 82nd Annual
February Meeting & Trade Show**
February 12-13, 2008 (Tuesday & Wednesday)
Portland, Maine

Maine Water Utilities Association • PO Box P • Waldoboro, Maine 04572