



In-Flow-Line

The newsletter of the CT Section American Water Works and the Connecticut Water Works Associations

July 2004

FROM THE CT SECTION AWWA CHAIR

It is an honor to chair the Connecticut Section for the coming year. Thank you for the opportunity. I look forward to the opportunities and challenges.

Thanks to Kevin Barber, Pam Monahan, Ed Dillman and all the folks who worked so hard to make the annual conference such a wonderful success.

Congratulations to Larry Bingaman of Aquarion Water Company who received the George Warren Fuller Award. He has made great contributions to the water industry in Connecticut over the past 15 years. We appreciate his leadership and wish him much success in his new position in Massachusetts.

Congratulations to Dave Kuzminski of the Town of Portland for receiving the NEWWA Leadership award for his many contributions to the CT-AWWA and to Jo Lingua from Connecticut Water Company for receiving the Kenneth J. Miller Award for her outstanding contribution to Water for People.

In my first remarks as chair, I issued three challenges to attendees at the annual meeting. I'd like to share them with you:

1. Bring at least one volunteer – a friend, a colleague – to the Section. With twice the number of active participants, we can accomplish twice the good work we already do.
2. Embrace teamwork. The results will be greater than the sum of individual contributions.
3. Let the section's mission statement guide everything we do. Our new mission states that the Connecticut Section of AWWA "will be the premier resource in Connecticut to further public education, the advancement of technology and the advocacy of sound regulatory policy."

Consider how you will make a difference this year. Find something that interests you and get involved. Help us to get things done. And have some fun! 💧

Marcey Munoz
Chair
Connecticut Section, AWWA
mmunoz@themdc.com



CWWA 2004 LEGISLATIVE WRAP-UP

Thanks to the involvement and input of our members, CWWA had another successful legislative session this year! CWWA killed several bills that would have increased your taxes and operating costs and made it more difficult to operate effectively, including:

- 💧 SB-377 – would have eliminated the tax exemption available to municipal water companies that own land in another town in which customers are served on the same terms as customers in their own town;
- 💧 SB-598 – would have allowed towns to impose a surcharge of 15% (up to 40% in the state's largest cities) on all commercial real and personal property;
- 💧 HB-5237 – would have required fees of up to \$10,000 on all registered diversions; required totalizing flow meters to be installed on all registered diversions and allowed DEP to revoke registered diversions for failure to meet certain reporting requirements;
- 💧 SB-462 – would have overturned the Shepaug River Litigation by allowing the courts to find that a company was in violation of the Connecticut Environmental Policies Act upon a showing that a law or regulation was obsolete or insufficient;
- 💧 SB-365 – would have allowed DEP to impose fees on all registered diversions; extended the minimum streamflow regulations to non-stocked streams and allowed courts to find that a company has violated the Connecticut Environmental Policies Act even if they were in compliance with minimum streamflow regulations.

CWWA was also successful in winning passage of legislation authorizing water companies to re-use water treatment residual solids for blending in topsoil and compost and in negotiating language on issues such as water supply abandonment in a way that best protects the interests of our members.

Thanks to our Legislative Chairs, Carlene Kulisch, Regional Water Authority; Cindy Fazendeiro, Connecticut Water; Tom Villa, Norwalk Second Taxing District and our Executive Director, Betsy Gara, for their tireless efforts at the State Capitol on behalf of the industry. Thanks also to Maureen Westbrook, Connecticut Water; Peter Galant, Aquarion Water; David Radka, Connecticut Water; Bob Young, Manchester Water & Sewer; Larry Bingaman, Aquarion Water; Mark Decker, Colchester Water and

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In-Flow-Line

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SELECTED HIGHLIGHTS FROM THE AWWA EXECUTIVE COMMITTEE MEETING

June 12, 2004 – Orlando, Florida

The AWWA Executive Committee considered a number of regular agenda items at the meeting including Awards, Bylaws and Finances. It also covered two other items that, because of their technical nature, may be of interest to those in the Connecticut water supply industry.

Policy Statements

Approved the following policy statements:

- 💧 Developing and Managing Water Resources (Reaffirmation)
- 💧 Management of Groundwater (Reaffirmation)
- 💧 Reclaimed Water for Public Water Supply Purposes (Revision)
- 💧 Recreational Use of Domestic Water Supply Reservoirs (Revision)
- 💧 Residential Fire Sprinklers (Reaffirmation)

Standards

Approved the following AWWA standards:

- 💧 C300-04, AWWA Standard for Reinforced Concrete Pressure Pipe, Steel-Cylinder Type
- 💧 B300-04, AWWA Standard for Hypochlorites
- 💧 B451-04, AWWA Standard for Poly (Diallyldimethyl-Ammonium Chloride)
- 💧 C512-04, AWWA Standard for Air Release, Air/Vacuum, and Combination Air Valves for Waterworks Service
- 💧 C550-04, AWWA Standard for Protective Interior Coatings for Valves and Hydrants
- 💧 C563-04, AWWA Standard for Fabricated Composite Slide Gates
- 💧 C907-04, AWWA Standard for Polyvinyl Chloride (PVC) Pressure Fittings, 4 In. to 12 In. for Water Distribution
- 💧 D104-04, AWWA Standard for Automatically Controlled Impressed-Current Cathodic Protection for the Interior of Steel Water Tanks. 💧

THE 33RD JOINT CONFERENCE



The setting was a cool and rainy Cape Cod late in May but the 33rd Annual Joint CT Section AWWA and CWWA Conference had many bright and memorable highlights. From Rebecca Lobo's humble words about being a UConn basketball star to AWWA President-Elect Katie McCain's giving a glimpse of her

vision for the future as AWWA's first woman president, the recent Conference offered something for everyone.

Sponsored by the Associates' Committee, the gracious Lobo stayed afterwards to sign autographs. McCain, visiting the conference for the second time, participated in the technical sessions as well as competing in the bocce tournament with her husband Mike. 💧



Rebecca Lobo was as much a commanding presence at the conference as she was as a UConn basketball star.



Katie McCain set out some clear goals for her term as AWWA President.

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CWWA PRESIDENT'S CORNER



I consider it an honor and a privilege to serve as President of the CWWA for the upcoming year 2004-05. I take this responsibility seriously as did the many water professionals who have served as President before me. I would sincerely like to thank the membership for entrusting me with this position.

In my eyes, CWWA has never been in better shape. With the formation of the strategic plan in 2002, which set specific goals for the organization, and with the hiring of the executive director, which was a recommendation of that plan, the voice and the direction of CWWA is specific and clear. This is important, as our industry is continually facing legislation and regulation that would impose significant costs upon us including new taxes and surcharges, legislation and rules that would undermine water quality while altering our ability to deliver water to our customers in ways in which we have been for over a century. In addition to lobbying successfully, CWWA is also working hard to improve the regulatory process through its involvement with the water planning council, and with the various regulatory agencies. CWWA also regularly keeps its members up-to-date with pending new laws and regulations, and we have adopted a pro-active approach in assisting small water systems.

It is extremely important that all water utilities in Connecticut remain or become members of CWWA. Whether you are investor-owned, a municipality or regional authority, membership is a cost effective way to deal with the myriad of bills and issues that continually affect us in a negative way. Collectively the voice of CWWA will be heard in Hartford while individually your voice may not. It is comforting for me to know that my back is being watched while I attend to my duties at my company on a daily basis.

I ask any utility, regardless of ownership, that may have dropped their membership to re-think that decision and to join us once again. I would also like to ask any utility who may be thinking of joining us to contact our Executive Director, Elizabeth (Betsy) Gara, at 860-547-0566. Betsy will supply you with complete information about the organization. And, of course, I would like to thank all the utilities that have supported CWWA over the years.

I look forward to working with all Board members in the upcoming year and I would like to offer my support to the legislative committee, which works tirelessly in promoting the good works of the water industry in Connecticut. 💧

Sincerely,
John S. Tomac
President, CWWA

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THE CONNECTICUT DRINKING WATER DIVISION COORDINATES TRAINING EFFORTS WITH OTHER PROGRAMS

In an effort to help water systems meet the new demands of the Bioterrorism Act and ensure that public health remains protected from intentional contamination or other threats, the Connecticut Department of Public Health (CTDPH), through the Drinking Water Division (DWD), has undertaken many new efforts. Some of these efforts include: forming a Water Emergency Assessment & Response (WEAR) Group made up of internal DWD staff; establishing a Water Security & Emergency Response Committee with representatives of federal, state, and local law enforcement, local health departments, and the water industry; incorporating security into operator certification and participating as a member of the National Infrastructure Advisory Committee on Water and the Ad Hoc Security Committee of the Association of State Drinking Water Administrators.

The Water Security & Emergency Response Committee includes representatives of EPA Region 1, the Federal Bureau of Investigation, the CT Department of Environmental Protection, the CT Department of Public Safety's Division of Homeland Security, the drinking water industry represented by CT AWWA, state and local law enforcement agencies, and the CT Department of Public Health's Drinking Water Division. So far, this partnership has produced a drinking water security handbook and four regional workshops that initiated a coordinated emergency response planning effort between and among all of the involved agencies.

More than 600 people participated in the four regional drinking water security workshops that were recently conducted throughout Connecticut, where they used the Handbook, along with the DWD's Emergency Response Planning Guide for Public Drinking Water Systems.

The DWD's Operator Certification Program has incorporated security into a number of areas. Security will be integrated into operator training that the program will be providing under the Expense Reimbursement Grant and the program will also ensure that security is incorporated, where appropriate, in any training that is approved for certification renewal.

Security of drinking water source protection GIS data is an emerging issue. The DWD is presently working with other State agencies and EPA Headquarters to develop standard operating procedures for handling this security sensitive data. 💧

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COMMITTEE REPORT SUMMARIES

The following is a summary of some of the CT AWWA committees' work during 2003.

Conservation: Participated in CPTV Family Science Expo; combined efforts with Website Committee to put conservation /source protection brochures on website for utilities to download and print.

Membership: Retention is key. Participated as hosts of ATCAVE; plans underway for Summer Picnic at Clark Memorial Field and bus trip to Yankee Stadium; welcoming letters to new members.

Operator Certification: Assisted in certification exams in water treatment, distribution and small systems; provided advice to DPH in developing and implementing changes to program.

Public Information: Newly designed and better organized newsletter, In-Flow Line; successful CPTV Family Science Expo.

Regulations & Research: Timely review of DPH's implementation of federal EPA regulations into State Public Health Code; reviewed proposed Stage 2 Disinfection/Disinfection By-Product & Long Term 2 Enhanced Surface Water Treatment Rule; reviewed AWWA Research Foundation's proposed research projects for 2003-04.

Residuals: Work begun in 1999 on residual solids deregulation resulted in language added to House Bill 5325 after negotiation with CT DEP.

Small Systems: Partnered with Young Professionals Committee to update Technical Assistance Directory; developed strategic plan; rejuvenated efforts of committee.

Source Water Protection: Developed and presented hands-on Field Workshop on Oil & Chemical Spill emergency response; worked with DPH to develop new procedures and reporting format for required annual watershed survey; reviews of regulation and evaluate watershed survey; reviews of regulations, guidance and aquifer protection-related issues.

Water for People: Raffles at ATCAVE and annual conference; participated in silent auction at ACE; visited schools and raised funds; golf tournament raised over \$13,000; received a \$30,000 donation from builder Ben Orvedal, which was the profit he realized from selling a house he built in East Lyme with materials donated by various suppliers. 💧

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NUMBER OF PROFESSIONAL WOMEN IN WATER INDUSTRY GROWING

From the June 22, 2004 issue of E-MainStream



Attendees at the women's networking session applauded the statements and experiences of the speakers.

"When I attended my first conference in 1984, I didn't see many others like me [women]," said Katie McCain, incoming AWWA President and the first woman to hold the association's top position.

The comment was repeated by a number of Baby Boomer women at a networking meeting for women during AWWA's annual conference. Speaker after speaker emphasized the support they had gotten from other women in the water

industry and how important that was to their success.

Ane Deister, general manager of the El Dorado Irrigation District, honed in on three themes: adapting to change, comfort and compassion and collaboration and credibility building. Women excel in all of these and should take advantage of their own effectiveness.

"Women like to collaborate," she said. "We call each other up [to share expertise and experience]."

She also pointed out that women in her generation need to reach out to the GenXers.

Speakers tout benefits of mentoring

Mentoring was another theme at the gathering. Elisa Speranza, a vice-president at CH2MHill, said, "My advice is to seek out those men and women who are doing what you want to do and seek a mentor."

Linda Malone of Malcolm Pirnie echoed her comment. "Women always need mentors. If you find a man, that's good; if you find a woman that's great."

She emphasized that diversity is everyone working together regardless of race, gender, nationality or profession.

Andrea Maldonado, Maureen Westbrook, Pam Monahan, Janet Ryan and Carlene Kulisch represented CT AWWA and CWWA at the meeting. 💧

DRINKING WATER DIVISION OPERATOR EXAMS SCHEDULED

The Department of Public Health, Drinking Water Division has scheduled Operator Certification Exams. The exams will be held at the Metropolitan District Commission Training Center in Hartford. The dates and deadlines are listed below.

Exam applications are available on the Drinking Water Division website:

www.dph.state.ct.us/BRS/Water/DWD.htm

From there, click on "Operator Certification/Backflow Prevention", then "Exam Information".

Anyone wishing more information regarding the certification exams should contact Carol Martin, Connecticut Department of Public Health at (860) 509-7333 or e-mail robert.rivard@po.state.ct.us.

Small Water Systems Exam

Application deadline: August 6, 2004

Exam date: September 14, 2004

Water Treatment Plant Operator Exam

Application deadline: October 8, 2004

Exam date: November 16, 2004

Distribution System Operator Exam

Application deadline: October 8, 2004

Exam date: November 17, 2004 💧



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Legislative Wrap-Up – Continued from Page 1

Walter Jacowicz, New Britain Water, who provided significant input on several key measures. And, of course, thanks to all of our members who serve on our Board or Legislative Committee or who took the time to provide comments, contact their legislator or attend or host a regional legislative committee meeting this year. All of these efforts are vital to our success in working for quality water!

The following is a summary of new laws passed during the 2004 legislative session of interest to the water industry.

SUMMARY OF NEW LAWS

CALL-BEFORE-YOU-DIG – Public Act 04-43 increases from \$10,000 to \$40,000 the maximum civil penalty for violations of the state's call before you dig laws, which govern excavations near utility lines.

CLEAN WATER PROJECTS & REPORTING FOR REGISTERED DIVERSIONS – Public Act 04-185 allows the state Department of Environmental Protection (DEP) to continue to provide grants to eligible water quality projects after July 1, 2006, by repealing the sunset provision. By law, eligible water quality projects generally receive grants for 20% of their cost and a loan for the remainder. Certain types of projects are eligible for larger grants.

This act also requires operators of registered diversions in use as of July 1, 2001 to annually report to DEP their most detailed available monitoring data, although data more frequently than daily is not required.

GOVERNMENT CONTRACTORS – Public Act 04-245 requires contractors that want to do business with the state to complete a signed affidavit indicating whether or not any agent of the firm, principal or key employee, gave a gift to any state employee or public official during the two-year period preceding the submission of a bid. As adopted, this law only applies to contracts over \$500,000.

INLAND/WETLANDS – Public Act 04-209 requires the DEP commissioner and local inland wetland agencies, when regulating, licensing, and enforcing activities under the Inland Wetlands and Watercourses Act, to consider aquatic, plant or animal life and habitats in wetlands and watercourses when determining a proposed activity's environmental impact on wetland or watercourses.

INVASIVE PLANTS – Public Act 04-203 eliminates the prohibition against possessing certain invasive plants under current law and adds a prohibition against transplanting such plants. Beginning October 1, 2004, the act adds 54 additional invasive plants to the seven plants banned last year. Beginning October 1, 2005, the act prohibits 20 more invasive plants, regardless of any municipal ordinance to the contrary.

NOTIFICATION OF CONTAMINATION – Public Act 04-134HB-5611 requires the owner of a contaminated parcel of land to post notice of contamination in a conspicuous place on the affected property and in the place of business, if one exists, no later than five days after an activity begins that increases the likelihood of human exposure to known contaminants.

RESIDUALS RE-USE – Public Act 04-151 offers a practical solution for the regulation of residuals re-use by authorizing a public water supply company, by itself or in conjunction with another entity, to re-use residual solids provided such use conforms to best management practices and controls described in an operations plan approved by DEP. The solids can be used in accordance with the plan until the commissioner issues a general permit to such company pursuant to section 22a-209f, Connecticut General Statutes.

CWWA CONTACT INFORMATION

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This should give water companies the opportunity to save money by re-using solids rather than transporting them to the one company currently authorized to re-use such solids or using other disposal options, such as land-filling.

WATER COMPANY LANDS – OPEN SPACE & RATEMAKING – Public Act 04-200 revises the way in which the net proceeds of the sale of class III land are allocated to provide greater incentives for sales or donations for open space purposes. It also outlines how the proceeds will be treated for small parcels that do not include open space or for educational uses. The act also expands the current tax credit available to water companies that donate or sell land at a discount for open space purposes to include land donated or sold at a discount to a water company for use as a public water supply source or to a municipality for educational use. The carry forward period for the tax credit (for open space, water supply or educational use) is defined as 15 years rather than the previous limit of 10 years for open space purposes.

WATER SUPPLY ABANDONMENT – Public Act 04-02 (Special Session) makes changes to the laws regarding abandonment of a water supply by a water company or other entity. As originally proposed, the bill would have virtually eliminated the ability of water companies to abandon any water supply, even where the utility clearly did not need the supply to meet current, future or emergency water supply purposes. CWWA negotiated a compromise bill that would not change the consideration for the public health commissioner for an abandonment of a water source with a safe yield of less than 0.75 million gallons per day. For water sources with a safe yield of more than 0.75 million gallons of water a day, the process would change to require the commissioner to consider the general utility and viability for use to meet water supply by the water company, other entity, or the state. 💧

FIRST SCHOLARSHIPS AWARDED AT ANNUAL CONFERENCE

The CT Section AWWA Associates Committee Scholarship program made its first two awards on May 26 at the 33rd Annual Joint CT Section AWWA and CWWA Conference at the Wequassett Inn Resort and Golf Club on Cape Cod.

A \$1,000 scholarship was given to Joseph Nardi who is going to Tulane University in the fall. Joe is the son of William and Helga Nardi of West Hartford. Joe's dad is a CT-AWWA member from the Woodlake Tax District.

The Associates Committee also awarded a \$750 scholarship to David Susco of Middletown, son of Vincent and Kelly Susco. David is currently studying at Worcester Polytechnic Institute. Vince is a CT-AWWA member from the East Hampton Water and Sewer Authority.

The scholarships were awarded to applicants based on participation in school and community activities, financial need and relationship to the CT Section AWWA. 💧

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THE FULLER AWARD GOES TO LARRY BINGAMAN



On May 26, a surprised Larry Bingaman rose from the awards banquet audience at the 33rd Annual Joint CT Section AWWA and CWWA Conference on Cape Cod to accept this year's J. Warren Fuller Award from AWWA president-elect Katie McCain and Len Assard.

Larry served for many years as Senior Vice President for Corporate Relations at Aquarion in Bridgeport and is now responsible for opera-

tions at the Aquarion Water Companies of Massachusetts and New Hampshire.

To the delight of both honoree and the audience, Katie McCain then introduced Larry's wife and children who had been spirited to the conference without Larry's knowledge and kept hidden during the entire first day.

Larry was honored for his many years of hard work on behalf of Connecticut's water industry both as CWWA president and as co-chair of the Legislative Committee of CWWA. 💧

AQUIFER PROTECTION WORKSHOP HELD

By Brian Thompson
Aquarion Water Company

How is an "aquifer protection area" delineated using Level A mapping?

Who is responsible for administering aquifer protection regulations in Connecticut?

Does a regulated activity in an aquifer protection area need to be registered, or does it require a permit?

What are the water companies' responsibilities in the aquifer protection program?

These and a host of other important questions were discussed during a half-day aquifer protection workshop held on June 30, 2004 at the MDC Training Center in Hartford. Representatives from water companies, state agencies and consulting firms attended the workshop, which was jointly sponsored by CWWA and CT-AWWA.

The DEP adopted statewide aquifer protection land use regulations in February 2004 and expects to issue model regulations for municipalities to use as the basis for their local regulations by September 2004. Water companies will have three years from the date the model regulations are issued to complete the required Level A mapping. Water companies must map aquifer protection areas for all stratified drift wells in systems serving populations of 1,000 or more.

Affected water companies serving 10,000 or more customers must also develop a "municipal assistance program" to aid municipalities with site plan reviews, evaluation of risks and spill response procedures. The CT Section Source Water Protection Committee is working with the DEP to develop a model municipal assistance program. While only the larger water companies are required to have a formal municipal assistance program, small and medium-sized companies should also be prepared as many of the municipal aquifer protection agencies and staff may look to them for advice and assistance with implementing the aquifer protection program.

The DEP's website at www.dep.state.ct.us/wtr/aquiferprotection/index.htm has a lot of valuable information, or call DEP at (860) 424-3020. 💧



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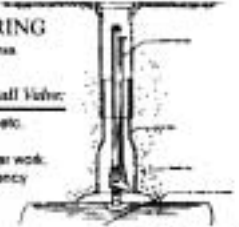
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CT AWWA Committee Profile WATER RESOURCES COMMITTEE

By Dave Radka
Connecticut Water Company

Recognizing that this is the first in what is anticipated to be a series of committee profiles, it is the committee's hope and belief that the bar for future profiles has been set sufficiently low.

The Water Resources Committee focuses on legislative and regulatory issues of a water resource nature. Befitting its origins as a sister committee to CWWA's Legislative Committee, the Water Resources Committee continues to function primarily in a technical advisory capacity to the Association. As such, the committee tends to be somewhat more responsive in nature, rather than proactive. It also tends to experience short bouts of frenetic activity, interspersed with great periods of lethargy.

Most recently, committee members worked with CWWA to address several problematic pieces of legislation targeting registered (grandfathered) diversions that were introduced both in the Connecticut House and Senate. During the prior legislative session, the committee assisted CWWA in a successful legislative initiative to exempt backup wells and emergency transfers of water between systems from the permitting requirements of the Diversion Policy Act. In addition, Water Resources Committee members continue to actively participate in Water Planning Council activities, and we continue to work with DEP on efforts to implement a tiered general permit for consumptive use diversions.

As one might expect from its technical bent, the Committee is populated in large part by water resource geeks, although members of all stripes are welcome. There is a nominal initiation fee.

If you'd like to join our committee, please contact me at dradka@ctwater.com.

CONNECTICUT WATER NAMES **JON LEIMAN TO BUSINESS DEVELOPMENT POST**



Connecticut Water is pleased to announce that Jon Leiman has been promoted to the position of Director of Business Development of its New England Water Utility Services (NEWUS) subsidiary. NEWUS provides water and wastewater related services to other water utilities, businesses and municipal customers.

Mr. Leiman will be based in Connecticut Water's Clinton, Connecticut headquarters and can be reached at 1-800-428-3985, extension 3056 or via e-mail at jleiman@ctwater.com.

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