Summer 2008

InFlow-Line

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



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Profile: Darrell Smith – new leadership at the DPH Drinking Water Section

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contents

summer 2008

From the CTAWWA Chair 2
New Laws Affecting the Water Industry 3
CtWarn Update 6
The CTAWWA All Star Tapping Team 7
Fuller Award 8
Miller Award 9
From the CWWA President 10
CTAWWA Education Section 11
Hurrican Preparedness 17
PROFILE: Darrell Smith 19
AWWA Suggests Messages 22
New CTAWWA Members 23
Careers in Drinking Water Forum a Success 24
Associates Committee Scholarships Program 25
Meet the CTAWWA Board 2008-2009 26
CTAWWA Committee Chairs 27
Advertisers Index 27
CTAWWA Annual Committee Reports 29



3 New Laws Affecting the Water Industry



7 The CTAWWA All Star Tapping Team



19 PROFILE: Darrell Smith



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From the CTAWWA Chair



Greetings,
On behalf of the **37th Annual CTAWWA/CWWA Joint Conference** attendees, I thank Cheryl and Kevin Walsh for selecting the wonderful Chatham location. As noted in the Spring 2008 InFlow-Line, the multi-day agenda kept everyone busy with technical presentations, special awards, and opportunities to network. In addition, the sports segment generated very spirited competition and was highlighted by the prowess of Judy Soda, Kevin Barber, Cindy Gaudino and Noel Grant at the bocci venue and Jean Reidy, Dee Burnham, Maria Ross, Tom Bedus, Russ Reidy and Fred Rogers at the golf venue. At the first section board meeting with the 2008-2009 officers in place, we welcomed to the board both Ray Baral and Don Iannicelli as Trustees at Large.

Upcoming Events & Efforts

The section's calendar of activities includes a variety of things as a result of the work by various committees. If you develop the urge to participate on a committee, you can check the annual conference brochure or visit the section website at CTAWWA.org for opportunities. Please mark your calendar with the dates for the following events:

- July 31, 2008 - Section Board & Committee Chairs Strategic Planning Session in New Haven.
- August 21, 2008 – Member Recruitment Picnic & Clambake at the Middlesex Yacht Club.
- September 9, 2008 - Water For People Golf Classic at Tunxis Plantation in Farmington.
- Fall 2008 - Education offerings at various locations as noted in InFlo-Line and at CTAWWA.org.
- March 24 and 25, 2009 - AWWA Water Matters! Fly-In in Washington D.C.
- April 4, 2009 - Water For People Gala at the Riverhouse at Goodspeed Station in Haddam.
- May 20, 21, and 22, 2009 - 38th Annual Joint Conference at the Woodstock Inn & Resort in Woodstock, Vermont (www.woodstockinn.com).

  If you have the desire to write an article of interest or know someone who you can encourage to do the same, please note the submission deadlines for InFlow-Line Magazine:
- Fall 08 Issue Submittal Deadline: September 1, 2008
- Winter 08-09 Issue Submittal Deadline: November 1, 2008
- Spring 09 Issue Submittal Deadline: January 25, 2009

CT Science Center

The fundraising for the development of Connecticut's first statewide science education destination is continuing. The center will provide a permanent site where we will nurture the curiosity and interest of the next generation of utility employees who will carry forward our public service mission. Please contact Bill Kennedy on the section board for a commitment letter.

CTDEP Draft Stream Flow Regulation

At the annual conference joint CWWA/CTAWWA board meeting, the primary technical topic of discussion was the proposed CTDEP stream flow regulation. The regulation is anticipated to have an impact on how CT water utilities use their current sources of public water supply. This issue should be on your radar screen and you should consider discussing the topic with your management and governing boards. The CWWA and the section's Water Resources Committee are following this topic and will be sharing more information about upcoming meetings.

Contact Info (and travel tip)

During a recent Atlanta trip to attend a WARN chairperson meeting at the AWWA Annual Conference and Exposition, I traveled from Westchester County Airport for the first time. It definitely received a passing grade and I will keep it on my list of airport options for future traveling.

If you have a need to contact me, feel free at tchaplik@rwater.com or 203-562-4020 and if you have a question about the CT Section AWWA, contact our Executive Manager, Pam Monahan, at ctawwa@snet.net or 203-757-1855.

Sincerely,
Tom Chaplik
South Central CT Regional Water Authority

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Cover photo: Vinnie Landino, the "Setter" for the CTAWWA All Star Tapping Team, practices under the guidance of the team's coach, John Paganetti. See a story about the team on page 7.

New Laws affecting the Water Industry

By Elizabeth Gara

The Connecticut Water Works Association (CWWA) won passage of a bill that will help protect Connecticut's water supplies from contamination by tightening up cross connection protections and imposing stiffer penalties for prohibited activities in a reservoir. There were also several other bills adopted this year which may impact your utility. The following is a summary of major legislation passed this year affecting the water industry:

1. CROSS CONNECTIONS
Notification to Water Company

Effective October 1, 2008, Public Act 08-137 requires any person installing an irrigation system or other physical connection between the distribution system of a public water supply system and any other water system to notify the water company that services the building of the installation.

Building Inspector Notice to Water Company

Under the act, when a permit application is filed with a local building inspector concerning a project that includes a change of use of installation of fixtures or facilities in a building that may affect the performance of or require the installation of a reduced pressure backflow preventer, a double valve assembly, or a pressure vacuum breaker, the inspector must give written notice of the application to the water company serving the building within seven days of the application's filing. After receiving notice, the water company must have an evaluation of cross-connection protection done by a qualified person and notify the local building inspector of its determination. The act prohibits the inspector from issuing a permit or certificate of occupancy until any cross-connection issue is corrected.

Cross Connection Mitigation Measures

The act authorizes a local director of health to issue an order requiring the immediate implementation of mitigation measures when he or she determines that an automatic fire extinguishing system, irrigation system, changes of use, installation of fixtures or facilities in a building, or other physical connection between the public water supply distribution system and any other water system causes an unreasonable injury risk to the health or safety of those using the water, to the general public, or to any public water supply. The mitigation measures can include disconnection of the system. If a cross-connection with the public water system is found, the owner of the system may terminate services to the premises under the act.

2. PROHIBITED ACTIVITIES INVOLVING PUBLIC WATER SUPPLIES – AIRCRAFT/BATHING

Public Act 08-137 also changes, from a minimum of $100 to a maximum $500, the fine that can be imposed on a person who (1) bathes or swims in any public water supplies, (2) washes or allows animals in water supplies, or (3) causes or allows pollution to enter a public water supply reservoir. The current possible penalty of 30 days imprisonment remains unchanged. Current law prohibits anyone from causing or allowing an aircraft to land on, take off from, or be operated, kept parked, or stored on any distribution or storage reservoir or on any watercourse tributary to the reservoir. Effective October 1, 2008, the act establishes a penalty of a maximum fine of $500, imprisonment of up to 30 days, or both. Any water company harmed by such an aircraft violation can bring a civil action in Superior Court for the judicial district where the reservoir or watercourse tributary is located, entirely or in part.

3. REVIEW AND APPROVAL OF PROPOSED NEW SOURCES OF WATER

Existing law prohibits the construction or expansion of a water supply system owned or used by a water company or the use of a new additional water supply source until plans for them have been submitted to and approved by the state Department of Public Health (DPH). Effective October 1, 2008, Public Act 08-137 expressly requires the submitted plan to include documentation that provides for (1) a brief description of the proposal's potential effects on nearby water supply systems, including public and private wells and (2) the water company's ownership or control of the proposed new water supply source's sanitary radius and minimum setback requirements as specified in state regulations and that such ownership or control will continue to be maintained as specified in regulation.

Under the act, DPH can require the water company proposing the new source to provide additional documentation that adequately demonstrates alternative methods it will use to assure the new supply source's

continued on page 4

long-term purity and adequacy if DPH determines, based on the initial required documentation, that the water company does not own or control the proposed new source's sanitary radius or minimum setback requirements. The act directs DPH, when reviewing the proposed new water supply sources, to consider these issues.

Under the act, DPH can adopt regulations to carry out the above provisions and also a provision of current law requiring water companies to annually report electronically to DPH on the number and location of all new distribution water main installations. The act eliminates a provision of current law requiring DPH to consult with and advise water companies on proposed water supply sources and methods to assure their purity and adequacy.

4. RELOCATION ASSISTANCE

Under the new law, if an order of a district department of health causes an individual to be displaced from their home, the municipality in which the home is located is responsible for any relocation assistance to the occupant available under the law. (Generally, such an order would occur when a hazard, nuisance, or source of filth injurious to the public health has been identified.) By law, towns, cities, and boroughs may unite to form district departments of health by vote of their respective legislative bodies, or join an existing district health department with the approval of the district's board. District health departments are instrumentalities of their constituent municipalities

The act requires the district health department to give written notification to the occupant of his or her rights under the law at the time the displacement order is issued. The notice must include the name, address, and telephone number of the person authorized by the municipality to process applications for relocation assistance provided under the Uniform Relocation Assistance Act.

> "The act requires the district health department to give written notification to the occupant of his or her rights under the law at the time the displacement order is issued."

5. DPH AUTHORITY TO ORDER CERTAIN PERSONS OR ENTITIES TO MAKE RESTITUTION TO PROPERTY OWNERS

The act gives DPH the authority to order certain DPH-licensed individuals and entities to make restitution to an injured property owner based on a finding of good cause. This applies to subsurface sewage disposal installers or cleaners, asbestos contractors, asbestos consultants, asbestos abatement workers, asbestos abatement site supervisors, lead abatement contractors, lead consultants, lead abatement supervisors, and lead abatement workers.

6. CARRY FORWARD PERIOD FOR TAX CREDITS

Unfortunately, Governor M. Jodi Rell vetoed a bill that would have extended the period for which a company may carry forward unused credits from 15 to 25 years. The law provides a credit against the corporation tax for donations or discounted sales of open space land or interests in land to the state, a political subdivision, or a nonprofit land conservation organization when the land will be permanently preserved as open space or used as a public water supply source. The credit equals 50% of the (1) donated land's market value at its highest and best use or (2) value of the discounted sales price of the land or interest in the land. This provision was included in a larger bill that Governor Rell objected to because of the state budget implications.

7. THE FACE OF CONNECTICUT STEERING COMMITTEE

This act establishes the Face of Connecticut account, a separate, non-lapsing account within the General Fund to enhance the use of state funds for programs such as open space and watershed land acquisition, historic preservation and farmland preservation. The act authorizes the account to accept public and private donations from any source. The 15-member committee directs the distribution of funds deposited into the Face of Connecticut account and expended by the DEP commissioner.

The act also expands the circumstances under which a municipality can enter and investigate or assess contaminated property, specifies the extent to which it is immune from liability when it does so, requires the municipality to notify the owner before entering the property, and sets narrow grounds under which the owner can appeal the municipality's intention to do so.

The act exempts land from local property taxes if it is held by a nonprofit corporation and preserved as open space. It does so by specifying that a nonprofit organization owns land for open space is using the land for a charitable purpose. A recent Superior Court

decision found that simply preserving open-space land without engaging in some other activity related to it is not a charitable "use". The act specifies that it does not affect any stipulated judgment on the imposition of property taxes.

8. EXTENSION OF WATER LIENS

Effective October 1, 2008, this act extends, from one to two years, the time that a lien for delinquent municipal water rates and charges runs before it must be continued by filing a certificate with the town clerk in the same way as a tax lien.

9. WATER DIVERSION FOR THE DURHAM FAIR

This special act allows the town of Durham to withdraw up to one hundred thousand gallons of water per day for three consecutive days per year without the water diversion permit required under law, until 2018.

10. NEW CONSTRUCTION & ADEQUATE WATER SUPPLIES

This act requires the Department of Public Health, in consultation with the Departments of Environmental Protection and Consumer Protection, to convene a working group to study and make legislative recommendations to ensure that property owners of new construction, with a private water supply well that serves as the source of drinking water, are assured of an adequate supply of water that meets current standards for potability as defined in the regulations of Connecticut state agencies. The working group shall also study and make recommendations concerning the installation of replacement water supply wells on properties where there is insufficient area to meet the current separation distances as specified in the regulations of Connecticut state agencies.

"Connecticut now joins California, New Jersey, Hawaii, and Washington as the fifth state to adopt mandatory limits on global warming pollution."

11. GLOBAL WARMING

Connecticut now joins California, New Jersey, Hawaii, and Washington as the fifth state to adopt mandatory limits on global warming pollution. The Governor recently signed Public Act 09-98 into law, which mandates deep reductions in state greenhouse gas (GHG) emissions and makes changes designed to help the state achieve these reductions. The act requires Connecticut to reduce emissions by 10% below 1990 levels by 2020 and 80% below 2001 levels by 2050. The act also requires the Governor's Steering Committee on Climate Change to (1) assess the impact of climate change on state and local infrastructure, public health and natural resources and habitats in the state; (2) develop recommendations and plans that, if adopted, would enable state and local government to adapt to such impacts; and (3) provide technical assistance to implement such recommendations and plans. On or before December 31, 2009, the subcommittee must report on its assessment of current state and private programs and research concerning the projected impact of climate change in the state on: (1) Infrastructure, including, but not limited to, buildings, roads, railroads, airports, dams, reservoirs, and sewage treatment and water filtration facilities; (2) natural resources and ecological habitats, including, but not limited to, coastal and inland wetlands, forests and rivers; (3) public health; and (4) agriculture.

12. ENVIRONMENTALLY STRESSED AND ENVIRONMENTAL JUSTICE COMMUNITIES

This new law is aimed at protecting "environmentally stressed" communities from shouldering the burden of hosting new facilities, such as large manufacturing plants, electric generating facilities, sludge and solid waste incinerators or combusters, waste treatment plants, landfills and certain solid waste facilities that may put additional environmental stress on the community. If such a facility is proposed in a distressed municipality or low-income neighborhood, the applicant must take certain steps before the application can be approved. For example, the act requires the applicant to develop a public outreach plan to ensure that the community is aware of the proposed facility and has an opportunity to comment on it at a hearing. The act also requires the chief elected official and the community to negotiate a "community environmental benefit agreement" to offset any concerns associated with the proposed facility, such as funding for environmental education, the placement of walking or biking trails or urban forestry.

CWWA
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CtWARN Update

Summer 2008



(l to r) Pam Monahan, Tom Chaplik and Amey Marrella, Deputy Commissioner of the Connecticut Department of Environmental Protection just prior to the EPA Region 1 Environmental Merit award presentation.

- The growth of the CT Water and Wastewater Agency Response Network continues as the steering committee remains active on the local, regional and national levels.
- Our state network has eight members: Candlewood Shores Water District; Connecticut Water Company; Connecticut Correctional Institute; Montville Correctional Complex; Norwich Public Utilities; Town of Portland; South Central CT Regional Water Authority; and Southington Water Department
- At the national level, several steering committee members along with representatives from more than forty other states attended the June national WARN meeting held at the AWWA annual conference and exposition in Atlanta. Twenty-seven state WARNs have attained official recognition (membership of three utilities or greater).
- Effort to create a strong northeastern regional network of state WARNs continued with CtWARN and NHWARN co-presenting at the New England Water Environment Association's annual spring meeting in Massachusetts. In addition, the regional effort was recognized by EPA Region 1 at a ceremony in April when the New England states each received the Environmental Merit Award.
- Locally, recruitment of new utility members is continuing with the following efforts completed: a Colchester Board of Selectmen & Sewer/Water Board presentation; a Connecticut Conference of Municipalities Emergency Management Symposium staffed display booth; a Connecticut Association of Water Pollution Control Authorities spring meeting presentation; a CTAWWA/CWWA Annual Conference display booth, and the distribution of CtWARN program brochures by CT Department of Public Health staff while conducting utility visits.
- If you would like the CtWARN to make a presentation to an association, governing board, or an interested potential member, please contact us and we will follow through.
- Contact any of the following: Pam Monahan, Executive Manager for CTAWWA (ctawwa@snet.net), Rachel Nowek, Health Program Associate for the Drinking Water Section, Connecticut Department of Public Health (Rachel.Nowek@po.state.ct.us) or Tom Chaplik, Steering Committee Chair (tchaplik@rwater.com).
- Remember, the CtWARN is voluntary and free and helps to expedite the rapid restoration of essential public health services that are critical to the communities we serve.

The CTAWWA All Star Tapping Team

Skill, dedication and community service all combine to make the team



John Paganetti briefs a group of students from A.I. Prince Technical High School on the basics of pipe tapping.



A.I. Prince plumbing student Kayla Cruz takes a whack at pipe tapping.



A.I. Prince Tech student Stephen Wright (left) finds that tapping isn't as easy as it looks.



The CTAWWA All Start Tapping Team moves into action.

Tapping a pipe is an every day occurrence for crews from water utilities but doing it quickly and with a minimum loss of water is a highly developed skill, so much so that AWWA member sections from around the country have developed teams of skilled tappers, many of which compete at the AWWA's annual conference.

At this year's AWWA ACE (Annual Conference and Exposition), held in Atlanta from June 9 to 11, 23 male teams and nine female teams from across the country as well as Canada and Mexico competed in the National Pipe Tapping Competition. CTAWWA's team, with John Paganetti as coach and Julian Tinsely as Cranker, Vinnie Landino as Setter, Hyzell Collins as Copper Man, Angelo Giannotta as Alternate Copper Man and Eddie White as Alternate Cranker, came in 7th.

That's not bad when you consider just how much competition there was and how little difference there was between the teams' overall times. The winning team, from Columbus Ohio, had a time of 22.9 seconds. The second-place team, from the California-Nevada Section had a time less than half a second slower.

The CTAWWA Tapping team has been together for about 18 months and team members have been practicing on their own time since February.

John Paganetti and Julian Tinsley, both from the MDC, were on the Capitol City Tappers team which placed 5th in 1999. Vinny Landino and Angelo Giannotta were on the RWA-sponsored Elm City Tappers team when it placed 3rd in 2000 and 2002, 2nd in 2003 and 5th in 2004.

On this year's team, Hyzell Collins is from the MDC and Eddie White is from the City of Middletown Water & Sewer Department.

CTAWWA organized its participation in the competition by forming an ad-hoc committee. John Paganetti serves as committee co-chair and coach together with co-chair Mark Anderson of Ferguson Waterworks, Ed Michalek also from Ferguson Waterworks, Dave Riter of the Mueller Company, Dan Lesnieski of The Connecticut Water Company and Rob Olejarcyzyk of Regional Water Authority who also represents the CTAWWA Board.

It takes a lot of equipment and money to support the team's practice sessions and travel and lodging at the competition itself. This year, support was received from: CTAWWA, Ed Michalek of Ferguson Waterworks; Dave Silverstone, CEO of the Regional Water Authority (RWA); The Metropolitan District Commission (MDC); Dave Riter of the Mueller Company; Todd Gilpatrick of REED Manufacturing; Aquarion Water Company; Aaron Schwartz of Water & Sewer Specialists; Everett J. Prescott Inc. (EJP); Gordon Leone of K&S Distributors Inc; Fred Haines of Harper International; Joe Modugno of J&B Mechanical Contractors; Paul Bowler of Tee Shirts Etc.; Newell Stamm from Stamm Construction Company; Greg Lyons of GL Lyons Associates; Justin Connor of Tyler-Union Foundry; Dan McGuire of Elster AMCO and Thomas Bedus of Neptune Meters.

Team Coach John Paganetti says that the team's work goes a lot farther just the annual competition. "We think that doing demonstrations for grade schools, high schools, technical schools and at the DPH's *Careers in Drinking Water* forum is really what it's all about. We want to promote diversity and show the high standards held by the Connecticut drinking water industry," he said. "Youngsters should know that this is a field that is rewarding to work in."

On cold, rainy May 22, a bus load of students from A.I. Prince Technical High School visited the MDC facility on Maxim Road in Hartford to see the tapping team practice and get a tour of the facility. Teacher John Maida explained that these youngsters were from his grade 10 and 11 plumbing classes and John Paganetti introduced the team and explained in detail how and why tapping skills were necessary.

The students gave the first tap their undivided attention and then at Paganetti's invitation, several students stepped up to try their hand at what had looked relatively easy but turned out to be very difficult.

"It takes strength and coordination among the teams members," Paganaetti said, "and that's why these demonstrations are so useful. "When these kids learn to work together to get the job done, everyone benefits."

Dan Lesnieski gets CTAWWA Fuller Award

"Because of his vision, foresight, humor, and his willingness to grow and develop programs for the section, the Connecticut Section AWWA is honored to award the George Warren Fuller Award for 2008 to Dan Lesnieski."

Ed Michalek of Ferguson Waterworks and last year's Fuller awardee, walked around the banquet room as Luis Aguiar, national AWWA Vice President, read the last paragraph at the annual conference. Lesnieski, with his wife Christine at his side, accepted the CTAWWA 2008 George Warren Fuller Award.

As Lesnieski made his way to the podium, he was greeted by the other Fuller awardees in attendance, including Al Dion, Carlene Kulisch, Chris Bogucki, Len Assard, Noel Grant, Len DeJong, Bob Young, Maureen Westbrook, Terry O'Neill, Vin Susco and visiting NEWWA Executive Director Ray Raposa.

Dan has worked for the Connecticut Water Company for 25 years, holding a number of positions, and now is a senior engineer working out of the Clinton office.

A member of AWWA for 21 years, Dan has been very active in his career with the Connecticut Section. He is a past chair of the section, and has been chair of the program and nominating committees, and a committee member of ATCAVE, Tapping, Small Systems, Water for People, and the Associates committees.

Dan started the Water for People golf tournament 12 years ago at the Tunxis Plantation in Farmington. With his help, it continues to raise about $15,000 a year for a great cause.

And, he was one of the original members that organized ATCAVE in 1996. His vision 12 years ago has helped make ATCAVE the success that it is today. Dan continues to be involved with the Education Program at ATCAVE, which had almost 200 people attend the classes this past year.



Ed Michalek of Ferguson Waterworks and last year's Fuller awardee, walked around the banquet room as Luis Aguiar, national AWWA Vice President, read the last paragraph at the annual conference. Dan was obviously surpised and pleased.

Until recently, as chair of the program committee, Dan has been putting together programs for the Connecticut Section for the past 16 years.

During his acceptance speech, Dan thanked his employers at Connecticut Water Company for supporting him and giving him the time to do the work he has done for CTAWWA.

Lesnieski also was honored nationally at the annual Fuller breakfast at the ACE conference in Atlanta.



Rob Page Is Selected as Recipient of the Water For People Kenneth J. Miller Founders' Award



Rob Page (r) received the Water For People Miller Award pin from Noel Grant.

Robert Page, the CAD Manager at Aquarion Water Company, is CTAWWA's Water For People Kenneth J. Miller Founders' Award recipient. Page received the award at the annual conference and was recognized at the WFP Miller Luncheon at ACE.

The Water for People Chair for two years, and co-chair for one year, Rob is called a "great asset to the CTAWWA-WFP Committee. He volunteers at all WFP fund raisers, conducts presentations to various organizations, is active with the national WFP committee, the golf chair for two years, and always has been and continues to be an extremely active committee member and recruiter for WFP."

The Kenneth J. Miller Founders' Award is given to recognized volunteers for their outstanding service and leadership in the advancement of the Water For People mission at the local Committee/Regional level.

Page has been employed at Aquarion Water Company for the past 14 years, and is a board member of the Wallingford Land Trust and Wallingford Historical Society.

He belongs to the National Society of Professional Land Surveyors, American Congress on Surveying and Mapping, Connecticut Association of Land Surveyors, Urban and Regional Information Systems Association, and Geospatial Information and Technology Association.

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From the CWWA President



It is with great appreciation and excitement – tempered with a healthy dose of humility – that I write. I sincerely appreciate the opportunity the Association (and my employer, Connecticut Water) have afforded me, as well as the trust placed in me by my appointment as President of CWWA. Make no mistake, this is an exciting time to be in the water business! There will be no lack of challenges for us, as water purveyors, to grapple with. And yet, how we approach these challenges will speak volumes about us as individuals, as businesses and as an industry.

Globally, water is the new oil and we increasingly see it being used as a means of divisiveness and in ways that exacerbate geopolitical conflict. This trend will continue in the face of a burgeoning world population, as unsustainable demands are placed on existing resources and as the impacts of climate change are slowly realized. Conversely, because of its importance, water can be used to help resolve or stave off conflict. Witness the good will engendered by the simple, but profoundly humanitarian projects undertaken by Water for People.

Closer to home, DEP has drafted streamflow regulations that, they believe, meet the statutory test of balancing public water and environmental interests. Whether or not the regulations ultimately do so remains to be seen – and, I dare say, argued about. It will be incumbent upon us to vigorously assess the regulations' impact on the state's drinking water supply. This we will no doubt do with fierce protectionism. And rightfully so; each and every day we are entrusted to deliver an adequate supply of high-quality drinking water to our customers' taps, and new streamflow regulation certainly has the potential to threaten our ability to continue to meet this critical obligation.

At the same time, however, we need to bear in mind another trust the public places in us: Trust that we will be good stewards of the air, land, and water resources. Consequently, we must be willing to consider the feasibility of adapting our operations, finding alternative supplies, increasing conservation, and taking other reasonable steps if we are to develop regulations that strike the balance society increasingly demands of us.

Even without new streamflow regulation there will be upward pressure on rates as utilities cope with rapidly increasing operating costs and attend to infrastructure needs. Water remains an often under-priced and undervalued utility, but one with no substitute; thus, as rates inevitably increase there will be customers who struggle to pay their bills in an era of four dollar plus per gallon gasoline and home heating oil.

The New York Times recently published an article that compared and contrasted the percentage of income that Americans currently spend on gasoline. Because of their lower per capita income and other factors, individuals living in rural areas of the country are now spending upwards of fifteen percent of their income on gasoline. On a whole we are more fortunate in Connecticut (our percentage is closer to four percent), but such statistics are scant comfort to someone who finds themselves faced with having to choose between buying gas or groceries.

What should our response be? Do we have a responsibility to ensure that individuals maintain access to an adequate supply of safe, drinking water? Connecticut Water, for one, is finalizing a program that will assist qualified and deserving customers with payment of their water bills and other services, such as repair of leaking service lines. While we may not be groundbreaking in this area, it is gratifying to witness the passion and support such a program has elicited in our employees. As professionals, they understand the value of water – as surely as they appreciate the value of helping others.

These and numerous other challenges – seen and unforeseen – await us. We may not be able to solve them all, but we should not be hesitant in confronting them.

Sincerely,
Dave Radka
President, Connecticut Water Works Association

If I can ever be of service, please do not hesitate to contact me at dradka@ctwater.com

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CTAWWA Education Committee Presents

Fall 2008 Education Schedule

Welcome to the Fall 2008 CTAWWA listing of courses. The CTAWWA Education Committee provides the most comprehensive, up-to-date training for members. We appreciate your continued support and encourage you to participate in courses offered by CTAWWA individually and in partnership with NEWWA.

Please note that courses offered in partnership with NEWWA must be registered and payment made directly to NEWWA. Courses offered by CTAWWA must be registered and payment made directly to CTAWWA. Register for CTAWWA courses at www.ctawwa.org

Education Co-Chairs:

Ronnie Fields, Co-Chair
Premier Laboratory
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Wright-Pierce
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jkm@wright-pierce.com

CTAWWA Executive Manager

Pam Monahan
Phone/Fax: (203) 757-1855
ctawwa@snet.net

PARTNERSHIP COURSES WITH NEWWA

The following courses are offered in partnership with the New England Water Works Association, a section of the American Water Works Association.

To register for these courses, call NEWWA at (508) 893-7979 or visit www.newwa.org. CTAWWA does not accept registration for theses classes.

Registration fee include all course materials, breaks, lunch (excluding half-day courses), CEUs and CEU Certificate. All courses are approved for CT Certified Drinking Water Operator Training Renewal Requirements. Distribution (D), Treatment (T), or combined (T & D) applicability are listed for each course. Enrollment for each session is limited. Early registration is advised.

Understanding & Complying with the SDWA

Course Code: WWA109AC
Date: Thursday, September 25, 2008
Location: Prospect Fire House, Prospect
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (6.0 TCH)
Applicable for Treatment and Distribution (T&D)

Often time, trying to negotiate your way around the various rules and regulations of the Safe Drinking Water Act can be very confusing. This course is designed to present a summary of the MAJOR components of the SDWA as it exists today. The class will begin with the basics of regulatory compliance including EPA definitions. Also, if compliance is not achieved, what is required according to the Public Notification Rule and Consumer Confidence Reports? Next, the Total Coliform Rule will be covered, followed by the Surface Water Treatment Rules, the Disinfection By Product Rules, Lead and Copper Rule, Phase 2 and Phase 5 organic monitoring, Inorganic Contaminant Monitoring and monitoring of Radionuclides. Finally the basic requirements for the new Rule will be discussed. During the discussion of each contaminant group, appropriate health effects will be explained, and basic contaminant remediation techniques will be described. Appropriate reporting requirements will also be discussed.

This course is for drinking water operators that deal directly with the treatment or distribution of drinking water in a public water system. It is designed to provide a review of the components of the SDWA required in order to meet state compliance and to provide public health requirements that meet or exceed the standards discussed.

Registration Fee:
CTAWWA Members $145.00 / Non-members $ 185.00

Bulk Chemical Delivery Workshop

Course Code: TBC209AC
Date: Tuesday, October 7, 2008
Location: Prospect Fire House, Prospect
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEUs (6.0 TCH)
Applicable for Treatment (T)

This workshop is designed to provide focused information to anyone who is responsible for purchasing handling, or using water treatment chemicals. This seminar will explain key concepts and sound procedures related to the procurement and use of any water treatment chemical. Instruction will focus on the need for accurate chemical specifications, on-site delivery controls, and chemical testing.
A segment on properly handling public notification is also included to assist with incidents that may occur related to chemical delivery. During this seminar you will follow the steps of chemical distribution and the associated paper work generated from the time of manufacture to the point of use. Proper chemical delivery procedures can directly impact the quality of the water you produce, or distribute.

Water utility operations, management and laboratory personnel or anyone who deals with the procurement, delivery, handling and use of water treatment chemicals, will find this seminar a practical learning experience. Regulators, too, will benefit from this application-oriented instructional program.

Registration Fee:
CTAWWA Members $145.00 / Non-members $185.00.

Intermediate Concepts of Reading Blueprints

Course Code: DBI209AC
Date: Wednesday, October 22, 2008
Location: Groton Utilities, Groton
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (6.0 TCH)
Applicable for Treatment and Distribution (T&D)

This course is a continuation of the "Fundamentals of Reading Blueprints" which is a pre-requisite class. In order to fully benefit from this class participants are strongly urged to complete the fundamentals class prior to registering for the intermediate class. This course is designed for drinking water operators that wish to increase their knowledge of reading technical blueprints used on the job and in related construction projects. After a brief review of the basics of print reading, topics covered will include sessions on angles, bearings, site utility and grading plans, stationing, process and instrument drawings, and wiring diagrams.

Registration Fee:
CTAWWA Members $145.00 / Non-members $185.00.

Lifting, Back Safety, Fall Protection, Ladder Safety

Course Code: SWS209AC
Date: Wednesday, November 5, 2008
Location: : Regional Water Authority, New Haven
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (4.0 TCH)
Applicable for Treatment and Distribution (T&D)

This full-day course is designed to help participants learn to protect themselves against back injuries when lifting heavy objects. Also, the importance of properly using ladders and protecting against unintended falls will be covered. Pertinent OSHA requirements will be explained and examples of proper safety in each area will be covered.

Registration Fee:
CTAWWA Members $145.00 / Non-members $185.00

Water Storage Tank Operations & Maintenance

Course Code: DST209AC
Date: Tuesday, November 18, 2008
Location: MDC Training Center, Hartford
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (6.0 TCH)
Applicable for Distribution (D)

This full-day course is designed to assist participants develop an understanding of drinking water storage tank design, construction, operations and maintenance. After an overview of the importance of storage tanks, as well as a basic hydraulics refresher, a presentation on the important points of tank design will be covered along with the types of typical materials used in tank construction. Once a basic understanding of the types of tanks is complete, the methods of proper operations of tanks related to water quality will be explored, followed by a segment dealing with the inspection of tanks. Other topics including tank security, tank safety, antennae systems and corrosion control will be covered by various tank experts. The goal of this course is to increase participant awareness of all aspects of water storage tanks in a typical distribution system.

Registration Fee:
CTAWWA Members $145.00 / Non-members $185.00.

Disinfection and Distribution System Water Quality

Course Code: DDD209AC
Date: Tuesday, December 2, 2008
Location: : Regional Water Authority, New Haven
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (6.0 TCH)
Applicable for Distribution (D)

This course will cover water quality concerns in the distribution system, and how important a role disinfection plays. Topics covered will include a summary of the methods of disinfection, present and future regulatory concerns including the DBP Rule, uses of hydraulic modeling, storage tank contamination concerns and solutions, biofilm and re-growth challenges, and a close examination of several case studies.

Registration Fee:
CTAWWA Members $145.00 / Non-members $ 185.00.

How to Successfully Operate & Maintain Your Ground Water System

Course Code: RGS209AC
Date: Wednesday, December 10, 2008
Location: MDC Training Center, Hartford
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (6.0 TCH)
Applicable for Treatment and Distribution (T&D)

This learning program is designed to assist water system operators in recognizing and understanding the importance of operating and maintaining a small drinking water system. There are several instructional units that follow a building-block approach. In general, you'll learn what is required to correctly and safely work components of your groundwater system, including proper pump operations and maintenance, feeding chemicals, water quality concerns, the latest regulatory requirements and safety. Most importantly, you'll enrich your abilities to protect the public health as a drinking water provider.

Registration Fee:
CTAWWA Members $145.00 / Non-members $185.00.

Hands-on Water Meter Operations & Maintenance

Course Code: DMO309AC
Date: Wednesday, January 21, 2009
Location: Groton Utilities, Groton
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (6.0 TCH)
Applicable for Distribution (D)

This course has been designed to present the basic concepts of water meter installation, operation and maintenance. An overview of the importance of proper meter use will be covered along with an explanation of the common parts and functions of residential meters. Larger commercial meters operations and functions will be discussed also. As part of the afternoon session, small groups will be formed and rotate through four "hands-on" stations that will allow participants the opportunity to identify meter components, assemble/disassemble meters and calibrate meters for accuracy.

Registration Fee:
CTAWWA Members $145.00 / Non-members $185.00.

CTAWWA COURSES

The following courses are sponsored by the Connecticut Section of the American Water Waters Association.

To register for these courses fax or call (203) 757-1855. Please visit the CTAWWA website – www.ctawwa.org. You can register on-line for these courses. Credit cards accepted. NEWWA does not accept registration for these classes.

Registration fee include all course materials, breaks, lunch (excluding half-day courses), CEUs and CEU Certificate. All courses are approved for CT Certified Drinking Water Operator Training Renewal Requirements. Distribution (D), Treatment (T), or combined (T & D) applicability are listed for each course. Enrollment for each session is limited. Early registration is advised.

Water Treatment Distribution School

Course Code: #Fall 0801
Date: Class runs for 12 weeks October 7, 2008
Location: Regional Water Authority, New Haven
Time: 5:00 pm – 8:00 pm

This course covers sources of water, its characteristics, production, storage and distribution. It will also review math, hydraulics, pipe use, installation and maintenance of meters, services, pumps, safety, etc. Text and study guide is included. In order to maintain equity among participating utilities, if more than 25 participants are registered, limitations on the number of employees from each utility will have to be made. A commitment must be made by each student to complete the weekly assignments for the course to be effective. Class breaks will be taken during the holidays.

Registration Fee:
CTAWWA Members $500.00; Non-members $550.00

Grooming Good Employees to Be Great Managers

Course Code: #Fall 0802
Date: Thursday, October 16, 2008
Location: Prospect Fire House, Prospect
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (6.0 TCH)
Applicable for Treatment and Distribution (T&D)

Learning to transition good employees to managerial positions is always a challenge. The water industry needs great managers. This full-day course provides tools and tips to help you groom good employees into great managers. Becoming a great manager requires learning a completely different skill set than being a good employee. Whether you are a good employee looking to become a great manager or you are a manager looking to 'raise' more great managers, this class will teach you to fly.

Registration Fee:
CTAWWA Members $145.00 / Non-members $185.00.

DPH Operator Certification Review

Course Code: #Fall 0803, #Fall 0804
Date: Wednesday, October 29, 2008
Location: Regional Water Authority
Time: 9:00 am – 3:30 pm

This course will be a one-day review session to assist treatment plant and distribution system operators for the state certificate examinations. The morning review session will focus on treatment plant operations, and the afternoon session will focus on distribution system operations. Attendees should bring a calculator to the review session and will be provided with a copy of AWWA's Operator Certification Study Guide (5th edition).

Exam applications are available on the DPH Drinking Water Section website: www.ctgov/dph. From there, click on "Drinking Water," then "Certified Operators," then Exam Information." For more information, contact Oluseye Akinkunmi, Connecticut Department of Public Health at (860) 509-7333 or e-mail oluseye.akinkunmi@ct.gov.

Registration fee:
No Book: CTAWWA Members $90.00; Non-member $130.00
With Book: CTAWWA Members $140.00; Non-member $180.00

DPH Testing Dates

EXAM	Testing Date	Application
Small Water System	Nov 5, 2008	Sept 15, 2008
Water Treatment Plant Operator	Nov 5, 2008	Sept 15, 2008
Distribution System Operator	Nov 6, 2008	Sept 15, 2008

How to Retain Star Employees in the Water Industry

Course Code: #Fall 0805
Date: Thursday, November 13, 2008
Location: Prospect Fire House, Prospect
Time: 9:00 am – 4:00 pm
CEU: 0.6 CEU (6.0 TCH)
Applicable for Treatment and Distribution (T&D)

Retention of your best employees is huge challenge in our industry. The water industry needs to retain our best and brightest employees to maintain public safety. This full-day course will provide managerial insight, tools and techniques to keep the interest and retain industry's finest employees.

Registration fee:

CTAWWA Members: $145.00/Non-members: $185.00

Technology Update: Coliform Testing

Course Code: #Fall 0806
Date: Wednesday, January 7, 2009
Location: Prospect Fire House, Prospect
Time: 8:45 am – 12:00 pm
CEU: 0.3 CEU (3.0 TCH)
Applicable for Treatment (T)

Coliform technology continues to change. The Connecticut water industry needs to stay abreast of the latest acceptable technologies. This half-day course provides an indepth tour of one of the latest advances in coliform technology. The latest technology for coliform testing was invented and developed in Connecticut. Learn why and how it was developed. Topics include an introduction to water micro 101, TCR present regulation and proposed changes under review at this time, QC/QA, Coliform methods review

Registration Fee:
CTAWWA Members $75.00 / Non-members $95.00

Directions

Groton Utilities – Electric Operations Building
1270 Poquonnock Road, Groton

Take Exit 88 off Rte. I-95. If you have been heading south on Rte. I-95, turn left at the end of the exit. Turn right at the end if you have been heading north. Proceed to the second stop light and turn right onto Fort Hill Road. Continue on this road to the second stop light and turn right onto the entrance road to Groton Utilities property. Follow signs to the Electric Operations Building..

MDC Training Center – 125 Maxim Road, Hartford

From I-84 East (From Waterbury) or I-91 North or South - Take I-91 South to Exit 27 (Brainard Rd.) Take a left at end of ramp onto Airport Rd. Stay in left lane. At next light, take left onto Brainard Rd. which becomes Maxim Rd. From I-84 West (from Manchester) – Take 57 (Exit reads Route 15 to I-91). Follow this road until you come to the Brainard Road exit. At the end of the ramp at the light, take a left onto Brainard Road which becomes Maxim Rd. Training Center is approximately ¼ mile on right.

Regional Water Authority – 90 Sargent Drive, New Haven

From the Hartford area: Take !-91 South to I-95 South. From I-95 South, Exit 46. Take a left at the stoplight at the end of the ramp, RWA will be the third building on the right. From I-95 North: Exit 46. Take a right at the end of the ramp. Go straight and around the curve where there will be a stoplight. Take a right. RWA will be the second building on your left. For all: The driveway and main entrance are on the right-hand side of the building.

Prospect Firehouse – 26 New Haven Road, Prospect

From I-84 West, take Exit 25 (Scott Road). Follow exit to light. Take a left, go through the next set of lights and continue straight on Scott Road. Nino's Restaurant will be on your left. Continue to the end of Scott Road to a stop light. At the light, take a left light and continue on Route 69 to the center of town. St. Anthony's Church will be on your right, town hall on your left. Continue straight. Prospect Firehouse will be on your right.



FALL 2008 NEWWA/CTAWWA COURSE REGISTRATION FORM

HOW TO REGISTER FOR CT SECTION COURSES

Part I – Please complete this entire section including daytime telephone, fax, email, and AWWA or NEWWA member number if applicable. **The address should be your billing address for these courses.**
Part II – Please check which course (s) you will be registering for**.**
Part III - Please indicate the method of payment by checking the appropriate box and filling in the **TOTAL FEE** box. If you will be paying by credit card, **it is very important that you include the card number and expiration date**.

Keep a copy of the course dates and directions then return the completed registration form by Mail to: **NEWWA, 125 Hopping Brook Road, Holliston, MA 01746-1471**. Or, fax to NEWWA at **(508) 893-9898**. If you need further information, please call the NEWWA office at **(508) 893-7979**. ***PLEASE NOTE: SECURE ONLINE REGISTRATION IS AVAILABLE at www.newwa.org*** .

PART I - PARTICIPANT INFORMATION

PRINT Name (As you want your name to appear on CEU Certificate)	**Daytime Phone** ( ) -
Company	**Fax** ( ) -
Billing Address	
City / **State** / **Zip**	-
Email	**CT Section / NEWWA Member #** (if applicable)

PART II – COURSE LISTING

✓	Course Code	Course Title	Date/Time	Fee
	WWA109AC	***NEW!*** Understanding & Complying With the SDWA - Prospect, CT	Sept, 25, 2008 (9 am-4 pm)	$145.00/ $185.00
	TBC209AC	Bulk Chemical Delivery Workshop- Prospect, CT	Oct. 7, 2008 (9 am-4 pm)	$145.00/ $185.00
	DBI209AC	Intermediate Concepts of Reading Blueprints- Groton, CT	Oct. 22, 2008 (9 am-4 pm)	$145.00/ $185.00
	SWS209AC	Lifting, Back Safety, Fall Protection, Ladder Safety- New Haven, CT	Nov. 5, 2008 (9 am-4 pm)	$145.00/ $185.00
	DST209AC	Water Storage Tank Operations & Maintenance- Hartford, CT	Nov. 18, 2008 (9 am-4 pm)	$145.00/ $185.00
	DDD209AC	Disinfection and Distribution System Water Quality– New Haven, CT	Dec. 2, 2008 (9 am-4 pm)	$145.00/ $185.00
	RGS209AC	How to Successfully Operate & Maintain Your Ground Water System – Hartford, CT	Dec. 10 2008 (9 am-4 pm)	$145.00/ $185.00
	DMO309AC	Hands-On Meter Operations & Maintenance- Groton, CT	Jan. 21, 2009 (9 am-4 pm)	$145.00/ $185.00
		Add $20.00 late fee if registering within 2 days of the class date	~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
			TOTAL	

PART III - METHOD OF PAYMENT

Type of Payment

☐ Check (Payable to NEWWA) ☐ P.O.#_____ ☐MasterCard/Visa ☐ AMEX

Amount (from TOTAL FEE above) $

Credit Card # | **Expiration Date** / | **Signature:**

Cancellation Policy: If you need to cancel, you must contact NEWWA in writing at least two business days prior to the start of the course. If you contact NEWWA within one business day, you will be charged 100% of the original course registration fee. This charge is non-refundable and non-transferable. Written refund/credit request made for special circumstances will be considered if received within two weeks from the start date of the program. Credit issues are valid for six months from the date of the program.

☐ Check here if you have a disability and require accommodations to fully participate. You will be contacted by NEWWA.
For additional registrations, reproduce this form or call NEWWA at (508) 893-7979.

2008 Fall - CTAWWA COURSE REGISTRATION FORM

HOW TO REGISTER FOR CTAWWA COURSES

Part I – Please complete this entire section including daytime telephone, fax, email, and AWWA or NEWWA member number if applicable. **The address should be your billing address for these courses.**
Part II – Please check (✓) which course(s) you will be registering for**.**
Part III - Please indicate the method of payment by checking the appropriate box and filling in the **TOTAL FEE** box. If you will be paying by credit card, **it is very important that you include the card number and expiration date**.

Keep a copy of the course dates and directions then return the completed registration form with payment by Mail to: Pam Monahan, Member Services Coordinator, CT Section AWWA, 72 Rockland Avenue, Waterbury, CT 06708. Or fax to (203) 757-1855.

PART I - PARTICIPANT INFORMATION

Name (As you want your name to appear on CEU Certificate)	**Daytime Phone**	
Company	**Fax**	
Billing Address		
City	**State**	**Zip**
Email	**AWWA/NEWWA Member #** (if applicable)	

PART II – COURSE LISTING

✓	Course Code	Course Title	Date/Time	Member/ Non-Member Fee
	Fall 0801	Water Treatment Distribution School (Deadline 9.26.08)	October 7, 2008 12 wks @ 5:00 PM	$500.00/ $550.00
	Fall 0802	Grooming Good Employees to Be Great Managers (Deadline 10.6.08)	October 16, 2008 9:00 AM – 4:00 PM	$145.00/ $185.00
	Fall 0803	DPH Operator Certification Review - With Study Guide (Deadline 10.19.08)	October 29, 2008 9:00 AM – 3:30 PM	$140.00/ $180.00
	Fall 0804	DPH Operator Certification Review - No Study Guide (Deadline 10.19.08)	October 29, 2008 9:00 AM – 3:30 PM	$90.00/ $130.00
	Fall 0805	How to Retain Star Employees in the Water Industry (Deadline 11.3.08)	November 13, 2008 9:00 AM – 4:00 PM	$145.00/ $185.00
	Fall 0806	Technology Update: Coliform Testing Water Rule (Deadline 12.29.08)	January 7, 2009 8:45 AM – 12:00 PM	$75.00/ $95.00

PART III - METHOD OF PAYMENT

Type of Payment ☐ Check (Payable to **CTAWWA**) ☐ P.O.#_____ ☐MasterCard/Visa ☐ AMEX			**Total Amount** **$**
Credit Card #	**Expiration Date**	**Signature:**	

Cancellation Policy: If you need to cancel, you must contact CTAWWA in writing at least two business days prior to the start of the course. If you contact CTAWWA within one business day, you will be charged 100% of the original course registration fee. This charge is non-refundable and non-transferable. Written refund/credit requests for special circumstances will be considered if received within two weeks from the start date of the program. Credit issues are valid for six months from the date of the program.

☐ Check here if you have a disability and require accommodations to fully participate. You will be contacted by CTAWWA.

TOTAL FEE ENCLOSED $_____
For additional registrations, please reproduce this form.

Hurricane Preparedness;
the Challenge for summer 08'

By W. Russ Webster
FEMA Region I Federal Preparedness Coordinator

As part of my new job, I have the challenge of trying to create programs that enhance individual, community and regional preparedness for all types of hazards. Further complicating matters is the fact that New England has not been touched (thankfully) by a natural disaster since Hurricane Bob some 18 years ago. Bob as some of you might recall, was a Category I hurricane on the Saffir-Simpson scale with sustained winds of 74-95 miles per hour.

Although Bob caused major problems in several areas, it was a small storm in comparison with some of the more recent hurricanes like Andrew and Katrina in terms of its force and resultant damage.

Context. I thought about what I could write that could motivate some of my former colleagues to better prepare themselves and their families for the potential of the summer 2008 hurricane season. Economically, the price of gas has passed four dollars in New England and the economy is on a negative glide slope.

Challenge. According to a 2006 NCDP survey, 33 percent of families polled believe first responders will arrive in less than an hour regardless of trouble. Fifty four percent do not believe a disaster will affect them personally. These same surveys also give insights into the barriers FEMA and other emergency management elements face regarding what is stopping some of you from becoming better prepared. Thirty seven percent indicated emergency responders will help me. Twenty seven percent said they don't know what to do. Twenty four percent haven't had time. Nineteen percent said they don't think about it and seventeen percent said it costs too much and won't make a difference.

Reality. The hard reality is that less than one percent of Americans are first responders and many people are confused between a response from your local fire department during an individual incident such as a house fire, car accident, or other personal emergency and a response during a disaster. During and immediately following a major hurricane, all resources are strapped. Roads may be impeded, communications may be halted, and there may be significant numbers of injuries – all impacting the ability of the first responders to get to all individuals immediately. Individual preparedness prior to an incident can significantly influence the outcome to the community – the better prepared individuals are, the more likely they are to positively impact the response to and recovery from a major incident.

The reality regarding preparedness for a hurricane and many other scenarios is that it's not that difficult to get prepared, but it is harder to do so once the wind gusts are 50 miles an hour. The reality is that 15 minutes of preparation today can save you hours and days of anguish later. And, finally, the cost of preparations now is small and even a few dollars worth of effort now can avoid thousands of dollars worth of anguish and/or save a life later.

Action. Plan for the circumstance that emergency responders can not reach you for the first 72 hours after a disaster. This should be the standard guidance of preparedness. Hurricane preparedness comes in many forms, but predominantly focuses on home preparations and self preparations. Some of the relatively inexpensive ways to prepare your home in advance of a storm include: be sure trees and shrubs are well trimmed (each limb potentially becomes a missile hazard with storm force winds); clear loose and clogged rain gutters and downspouts; as the storm approaches, listen to the radio or TV for information; secure outdoor furnishings; turn off propane tanks; avoid using the phone except for serious emergencies.

For yourself and your family, fill the bathtub and other large containers with water and develop home and car readiness kits that include: a supply of water; manual can opener; paper plates and plastic utensils; rain gear; water proof shoes; bedding; first aid kit; cash (ATMs likely won't work); cellular phone(s) (consider some of the new crank style recharging units that are available as dual flashlights, radios and battery rechargers available for about $29) and other essentials as listed in http:www.ready.gov

continued on page 18

Hurricane Preparedness
(continued)

Make sure your family knows where to meet and who to call (both locally and out of area – one of the Katrina lessons learned was that outgoing calls to other states worked while in-state calls did not work) in case family members get separated.

My family and I were separated during the last Patriot's Day storm and I had to learn the lessons of preparedness the hard way. There is no greater sense of inadequacy than to be in Dallas and know that your family is in Maine (and unprepared). Today, I am confident that my family now has the knowledge and basic supplies on hand at our house and in each of our vehicles for forecasted and un-forecasted challenges large and small. Please consider taking the preparedness challenge for Hurricane season 2008 and make an investment in your own and your family's preparedness and peace of mind.

DISASTERS...
Natural or man-made disasters could strike at any time. Are you prepared for a:

- Flood
- Hurricane
- Pandemic Influenza Outbreak
- Terrorist Attack
- Tornado

Key Things To Remember:

- Prepare a Disaster Kit (Home, Work and Car)
- Develop a Personal Communications Plan
- Test Your Plan
- Build in 72 Hours of Sustaining Yourself and Those For Whom You Are Responsible
- Be Sure You Have Proper Coverage with Flood Insurance

FLOOD INSURANCE

Property owners, renters and business owners are encourage to buy flood insurance. The only requirement is living within one of the more than 20,000 communities in the nation participating in the National Flood Insurance Program (NFIP).

To find our more about your risk and flood insurance options go to www.floodsmart.gov. To purchase flood insurance or find an agent, call 800-427-2419.

FEMA Region I National Preparedness Division

It Is All About Individual Preparedness...

Why is preparedness important? Imagine for a moment if you did not prepare for a potential disaster. It hits. Now what?

- How would you recover?
- How long would it take to recover?
- If you had prepared for a potential disaster, would your recovery options be different?
- Would it take the same amount of time?

Okay. So, now you are asking yourself…what does it mean to be prepared?

HOW PREPARED ARE YOU?

Ask yourself the following questions:

- Do you have flood insurance for your home? If not, do you know where to go to find out about what your options are for getting flood insurance?
- Do you have a disaster kit ready at home, in your car, at work? If not, do you know what you need to put into a kit?
- Do you have a personal communications plan? If not, do you know how to create one and what to include?
- If you answered yes to the preparedness questions, then ask yourself this – Have you tested your plan? Have you shared it with your friends, family and co-workers? Why is that important?
- Can you sustain yourself (and if you have family and/or pets you are responsible for can you sustain them too) for 72 hours whenever a disaster strikes?

PREPAREDNESS CYCLE



The preparedness cycle:

- Plans Your Response
- Organizes Your Resources
- Requires Testing and Exercising of Your Plan
- Emphasizes Communication and Coordination
- Encourages Review and Updates Annually

Disaster Kits — Do You Have One?

At a minimum you should include the following:

- Water, one gallon per person per day for at least three days – for drinking and sanitation
- Food – at least a three day supply of non-perishable food
- Battery powered or hand-crank radio and NOAA Weather Radio with tone alert and extra batteries for both
- Flashlight and extra batteries
- First Aid Kit
- Whistle to signal for help
- Moist towelettes, garbage bags and plastic ties for personal sanitation
- Wrench or pliers to turn off utilities
- Can opener for food (if kit contains canned food)
- Local maps



Go to www.ready.gov for additional information and suggestions.

FEMA

PROFILE

Darrell B. Smith

Darrell Smith is the Acting Section Chief of the Drinking Water Section, Regulatory Health Branch of the Connecticut Department of Public Health. He and his staff of approximately 50 sanitary engineers, environmental scientists and support staff can be found at 450 Capitol Avenue in Hartford in an elegantly restored former Pratt & Whitney factory building.

Darrell is a true water professional, now well into his second career in the industry. Before joining the DPH in 2001, he was Vice President of water quality research at the Regional Water Authority in New Haven where he worked for 16 years. He joined DPH as an environmental analyst and in 2007 was made Public Health Services Manager. When Section Chief Jerry Iwan retired, Smith was promoted to Acting Section Chief.

Smith was born in Maine but his family moved to Connecticut when he was just 10. He lives in Killingworth (surrounded, appropriately enough, by watershed land) with his wife of 40 years, Judith. He has two grown daughters and is a newly minted grandfather.

The mission of the Drinking Water Section is to Ensure the purity and adequacy of the public water supply for all of Connecticut and during our conversation, Smith returned to that mission a number of times. In fact, he sees carrying out that mission to be one of his organization's main challenges.



"We regulate more than 2,700 public water supply systems," he said, "and that includes many small community systems that are found in condominium complexes and apartment buildings that have wells."

"If a small convenience store out in the country has a well and sells coffee to the public, that is a small water system," he said. "And there are a lot of them."

The Drinking Water Section has about 10 people devoted to periodic sanitary surveys around the state.

Smith described an all-too-common situation where a developer builds a small apartment building, drills a well and installs the necessary tanks and pumps to supply the units with water. Over time, the water distribution system begins to degrade from wear and then eventually fails.

"That building owner never intended to get into the water supply business and sometimes doesn't have the funds or expertise to maintain his building's system," he said. "We're often called in to provide technical assistance or resort to enforcement when violations are not corrected in a timely fashion."

He went on to explain that among these smaller groundwater systems that are spread across the

continued on page 20



Darrell Smith (continued)

state, failure to provide an adequate supply of drinking water, microbial contamination, and construction and separating distance issues are some of the most common small public water system problems that his section has to deal with on a day to day basis.

Smith sees a lot of untapped potential for the state's water planning process that is made up of seven Water Utility Coordinating Committee water management areas and the individual water supply plans that were established across the state in the mid-1980's. He said that four WUCCs had been convened and one plan approved so far, with the 84 required water supply plans achieving approval status and continuing to be revised every five years.

"This is the planning process that Connecticut needs," he said, "because each WUCC and individual water supply plan will consider 5, 20 and 50 year planning horizons and look at available water supply, growth, future water sources and treatment upgrades.

There are a lot of water supply and treatment challenges, he explained. Connecticut has a number of highly developed cities with some 19th century supply infrastructure that is nearing the end of its useful life and large rural tracts of watershed land that are under the pressure of development. The Water Utility Coordinating Committees and the individual water supply planning process are exactly the right tools to examine all of the issues and plan in a way that benefits all of the interests involved.

Another challenge is sprawl. Connecticut is perceived as water-rich but that richness isn't spread evenly across the state. "A water company may well be able to run a line to a community in need of water but that company has a right to expect a reasonable rate of return," Smith said. "So many water supply related issues just come down to money."

Staffing an issue

Like many CTAWWA members, Darrell Smith is keenly aware of the lack of new graduates in engineering and environmental science. In fact, he says that DPH and other state agencies find it difficult to compete with the private sector for talented people.

"We can't pay signing bonuses," he said, "and we do have some attrition because of competition from other non-government sectors. This is going to be a continuing issue for us."

DPH has been proactive with its Careers in Drinking Water events. Smith say that he feels that the two events that DPH has held have been very successful and that they are now planning for a third.

Drinking Water Section on the Web

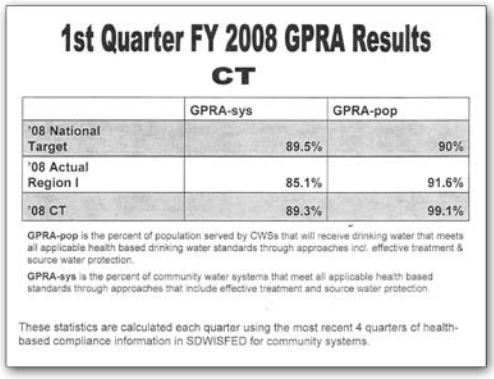
Darrell Smith noted that the Drinking Water Section's portion of the DPH website is something they are very proud of because of the wealth of information they were able to locate there. Visitors will find clear, concise descriptions of virtually every program, application form and publication available.







It is worth noting that the DPH website is vast and finding the Drinking Water Section takes a little practice. Go to the DPH home page using any search engine. Once there, select "Programs and Services." At the following page, select the letter "D". The last listing under "D" is Drinking Water and once you select that, you are taken to the very well organized Drink Water Section page. If you plan on visiting it again, you may want to bookmark it.



1st Quarter FY 2008 GPRA Results

CT

	GPRA-sys	GPRA-pop
'08 National Target	89.5%	90%
'08 Actual Region I	85.1%	91.6%
'08 CT	89.3%	99.1%

GPRA-pop is the percent of population served by CWSs that will receive drinking water that meets all applicable health based drinking water standards through approaches incl. effective treatment & source water protection.

GPRA-sys is the percent of community water systems that meet all applicable health based standards through approaches that include effective treatment and source water protection.

These statistics are calculated each quarter using the most recent 4 quarters of health-based compliance information in SDWISFED for community systems.

The Q-1, 2008 results from USEPA for Connecticut and Region 1. SDWISFED refers to the EPA's Safe Drinking Water Information System.

Water Quality

Smith states flatly that Connecticut's water quality track record is outstanding. "Are there problem systems out there? Yes," he said, "but we've had an excellent success rate at bringing them back into compliance."

When this interview was conducted early in June, Smith had just received Connecticut's Q-1, 2008 GPRA Results from EPA Region 1 in Boston. Even though GPRA is government-speak for "Government Performance and Results Act", this report concerns water quality. It showed that 89.3% of Connecticut's community water systems met all applicable health based standards and that 99.1% of the Connecticut population served by community water systems received drinking water that meets all applicable health based drinking water standards.

When one compares results in those two categories for all of EPA Region 1, it is apparent that Connecticut is far ahead and that's the way DPH's Darrell Smith intends to keep it.

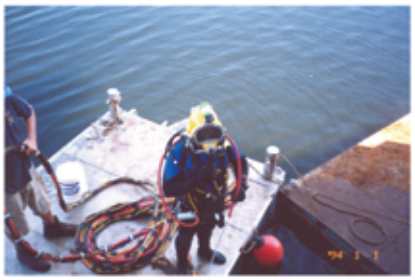
CWWA welcomes the following directors, officers and legislative committee for 2008-2009.

David Radka	Connecticut Water Co.	President
Tom West	Southington Water	Vice President
Ted Norris	RWA	Secretary
Jonathan Avery	Hazardville Water	Treasurer
Mark Decker	Colchester Water	Past President
Susan Suhanovsky	Torrington Water	Director 3
Stephen Pratt	The Metropolitan District	Director 3
David Medd	Aquarion Water	Director 2
Robert Young	Middletown Water	Director 2
Vincent Susco	East Hampton	Director 1
Greg Leonard	SE CT Water Authority	Director 1

Legislative Committee Officers

Carlene Kulisch	RWA	Tri-Chair
Guy Russo	Middletown Water	Tri-Chair
Maureen Westbrook	Connecticut Water Co.	Tri-Chair

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AWWA Suggests Messages for Utility when Communicating about Testing for Pharmaceuticals in Drinking Water

With the issue of pharmaceuticals in drinking water on the minds of some customers, utilities may want to provide information about testing in their consumer confidence reports, on web sites, or in other communications pieces. For the purposes of message development, utilities may be sorted into three groups:

1. Have not conducted testing for pharmaceutical compounds in drinking water
2. Have conducted testing for pharmaceutical compounds in drinking water with NO detections
3. Have conducted testing for pharmaceutical compounds in drinking water WITH detections

Each of these groups requires different messaging, based upon the questions that naturally occur to media and customers. Suggested messages are listed under each group below.

No Testing

- Protecting the health of our customers is our mission. While we understand that pharmaceuticals are an issue of interest, to date research has not demonstrated an impact on human health from pharmaceutical compounds at the trace levels discovered in drinking water.
- Our utility conducts more than XXX thousand analyses every year to ensure the water we provide meets or surpasses Safe Drinking Water Act standards, which were created to protect customers.
- Unfortunately there is no "blanket" water test, and there are literally tens of thousands of individual compounds for which we could search.
- With the absence of any known health benefit and given the amount of resources required to conduct tests for pharmaceutical compounds, we have chosen not to conduct these tests in our community at this time.
- We will continue to work closely with others in the drinking water community to advance the science and understanding of this issue and will take whatever steps are necessary to protect the health of our customers.

Testing – NO Detections

- Protecting the health of our customers is our mission. While we understand that pharmaceuticals are an issue of interest, to date research has not demonstrated an impact on human health from pharmaceutical compounds at the trace levels discovered in drinking water.
- Although there are no health-based limits for pharmaceutical compounds in drinking water, XXX went above and beyond drinking water regulations to see what, if any, pharmaceuticals occur in our water. We conducted this research to better understand our water quality and to be in the best position to take additional action if needed.
- We are happy to report that we did not detect any pharmaceutical compounds in our tests, which have the ability to find these compounds at levels as low as parts per trillion—the equivalent of a ½-teaspoon of salt in 1,000 Olympic-size swimming pools.
- We looked for compounds based upon their likelihood to occur in water supplies, so they would serve as a "sentinel" for other compounds.
- We will continue to work closely with others in the drinking water industry to increase our understanding of this issue and will take whatever steps are necessary to continue to protect the health of our customers.

Testing – WITH Detections

- Protecting the health of our customers is our mission. While we understand that pharmaceuticals are an issue of interest, to date research has not demonstrated an impact on human health from pharmaceutical compounds at the trace levels discovered in drinking water.
- Although there are no health-based limits for pharmaceutical compounds in drinking water, XXX went above and beyond drinking water regulations to see what, if any, pharmaceuticals occur in our water. We conducted this research to better understand our water quality and to be in the best position to take additional action if needed.

- Using cutting-edge analytical instruments, scientists detected XX compounds at almost indescribably low levels. For a list of these compounds and the concentrations in which they were found in the water, visit {your utility website}.
- These compounds were found at levels as low as parts per trillion—the equivalent of a ½-teaspoon of salt in 1,000 Olympic-size swimming pools.
- As analytical methods improve, these compounds are being found at very low levels. However, the fact that a substance is detectable does not mean the substance is harmful to humans. To date, research has not demonstrated an impact on human health from the tiny amount of pharmaceutical compounds detected in drinking water.
- We will continue to work closely with others in the drinking water industry to increase our understanding of this issue and will take whatever steps are necessary to continue to protect the health of our customers.

Outreach Tools

Consumer Confidence Report -- Including information about pharmaceutical testing and results in the annual water quality report will demonstrate the utility's commitment to full disclosure.

Additionally, research has indicated that revealing this type of information in a factual, clear way actually increases public confidence in the utility. Consumer Confidence Reports were created expressly to share information about drinking water quality, so they are an ideal vehicle for conveying information about pharmaceutical compounds and other water quality issues.

Bill Inserts – Utilities may want to consider a bill insert that carries an article related to "beyond the-regulations" monitoring. This approach positions the utility as proactive and reassures customers that it is doing more than the bare minimum. The article might include why the monitoring was conducted and what, if any, compounds were detected, along with (if applicable) the relative concentration compared with a clinical dose.

Website – If you have tested for pharmaceuticals in drinking water, your utility website is a good place to share that information. If you're listing the concentrations of specific contaminants, consider including information about the number of glasses of water you would have to drink in order to consume the equivalent of a single tablet or dose.

Please contact AWWA at gkail@awwa.org, 303-734-3410, or bmcullough@awwa.org, 303-734-3599, for more information.

New CTAWWA Members

CTAWWA welcomes new and renewed members

Raymond Bahr, III, Water and Waste Equipment
David J. Banker, Aquarion Water Company
Mrs. Lee Barden
Adam H. Brill, Aquarion Water Company
Chris C. Clark, Mohegan Tribal Utility Authority
Kelly Curtis, Town of Bethel Utilities Department
John Farrell, Aquarion Water Company
Steven Gies, Candlewood Shores Tax District
Michael Hedman
Michael K. Hiltz, P.E., Aquarion Water Company
Ronald Jennigs
James W. Konatsotis, Northeast Water Technologies
Timothy S. Lawlor
Robert Leconche, Shelco Filters
Joseph Lisboa
Robert J. Longo, Bristol Water Department
Jacqueline Rowland
Brian Sakidovitch, BL Companies
Sandra Santiago, Multitrode, Inc.
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Christopher Shores, Metcalf & Eddy
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Careers in Drinking Water Forum a Success!

By Sandra Downie

The CT Department of Public Health, Drinking Water Section, in conjunction with the CT Section of the American Water Works Association and state agency representatives from the Water Planning Council, hosted a forum to increase the awareness of students, teachers, guidance counselors and other school officials about career opportunities in the drinking water field. Mr. Jack Betkoski, Commissioner of the CT Department of Public Utility Control and Vice-Chairman of the Water Planning Council, moderated the event.

The forum, held on April 23, 2008, emphasized the need for increased education directed towards career building within the water industry. More than 200 attendees were made aware of the impending shortage of drinking water industry workers since half of today's water professionals will retire in the next five to seven years.

Various presentations and panel discussions focused on educating high school staff and students about different career choices in the water industry and how to pursue them. The panelists represented various careers in drinking water from operations, engineering, regulatory oversight and finance. There were also exhibitor areas where students learned about water utilities, the type of jobs available and the education needed to enter these fields.

Awards were presented to Harvey Wall of The Metropolitan District for meritorious operator service and Kate Powell of the Regional Water Authority for her outstanding contribution in educating the children of Connecticut about the drinking water industry. High school seniors from Grasso Southeastern Regional Technical High School, Josh Rezendes and Tyler James, who presented on their internship experiences, were also recognized with awards.

The forum concluded with attendees viewing live demonstrations of the following:

- Water Main Tapping by Connecticut's All-Star Team
- Testing of a Backflow Device
- A Water Testing Demonstration
- Conservation Measures by "Walter the Water Saver"

The forum was a great success and the Department of Public Health thanks all who participated!

Save the date! CTAWWA Annual Summer Picnic



Joyce Brown from Groton Utilities was just about to enjoy her lunch at last year's annual picnic at the Middletown Yacht Club. It's at the same place this year and the lobsters will be just as delicious!

Lobsters, clams, steaks! It must be time for the CTAWWA Annual Summer Picnic! Sponsored by the membership committee the picnic takes place Thursday, August 21st from noon to 3:30 PM. At the Middlesex Yacht Club in Chester. Extech, LLC is the host and sponsor of CTAWWA at the club.

This is an excellent opportunity to network with fellow members and have some fun at this wonderful location. Lunch will include steamed lobster, steamed clams, steak, chicken and much more. Dress is casual.

Advance registration cost is $55 per person. Those wishing to have lobsters need to pre-register. Day of event attendees will need to pay $65.

Visit the section website, www.ctawwa.org for registration information.

Tighe & Bond Publishes Connecticut Water Rate Survey

On June 17, Tighe & Bond announced the publication of the 2007 Water Rate Survey for Connecticut. Based on the information included in this survey, typical 2007 annual water costs in Connecticut ranged from a low of $141 per household to a high of $531. The 2007 average was $331 per household, representing a 16.1% increase over the 2005 average.

The survey, which includes typical annual homeowner water costs for communities in Connecticut, also provides information regarding rate structures and billing cycles.

Tighe & Bond began collecting water and sewer rate data in Connecticut in 1998. At the website rates.tighebond.com, the rate data can be queried by a number of parameters such as annual cost, population, town and even search for features such as seasonal rates and early payment discounts. Copies of the survey are available by calling Mary Beth Morris, P.E., at 413-572-3247.

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Winners of the 2008 Associates Committee Scholarship Program

The CTAWWA Associates Committee announced the 2008 Scholarship winners at the CTAWWA Annual Conference. A total of $6,500 was awarded. The recipients are:

John E. Hawley, Middletown, CT
John is a senior graduating from Middletown High School in 2008 as class valedictorian. John is captain of the math team, has been active in fundraisers for Artists for World Peace, among many other activities. John is planning to attend Brown University. John's father is Tim Hawley.

Louis S. Virgadula, Middlefield, CT
Louis graduated from Xavier High School and is currently a freshman at Tufts University majoring in International Studies. In addition to Magna Cum Laude at Tuffs, Louis was a member of the National Honor Society and the Spanish National Honor Society and co-captain of the soccer team. Louis' father is Joe Virgadula.

Samantha Westbrook, Westbrook, CT
Samantha is a senior graduating from Westbrook High School in 2008 as class valedictorian. Samantha is a consistent high honor student and a member of the National Honor Society. She is very active in her church, as well as the school band and athletic activities. Samantha's mom is Maureen Westbrook.

Stacey Farrell, Shelton, CT
Stacey is a senior graduating from Shelton High School is 2008 and plans to major in Physical Therapy at Northeastern University. Stacey is a member of the National Honor Society, is active on the student council, and with her church and many other activities. Stacey's father is John Farrell.

Julia Munson, Falls River, CT
Julia is a senior graduating from The Hotchkiss School in 2008. Julia is a consistent honor student and is involved in many activities including co-editor of the school magazine, Round Square International Service Project in South Africa and the Cum Laude Society. Julia's father is Brian Munson.

Roseanne Herlihy, Fairfield, CT
Roseanne is a senior graduating from Fairfield Warde High School in 2008. Roseanne is a consistent honor student and was awarded the World Language Award for Excellence. Roseanne is very active in her community, participating is such activities as Relay for Life, Special Olympics and Operation Hope. Roseanne's father is John Herlihy.

Julia Leonard, Groton, CT
Julia is a senior graduating from Fitch High School in 2008. Julia is a consistent high honor student, a member of the National Honor Society and received the Rotary Youth Leadership Award. Julia has been involved in several community activities including Special Olympics, March of Dimes and is captain of the lacrosse team. Julia's Father is Greg Leonard.

Christina Susco, Haddam Neck, CT
Christina graduated from Mercy High School in 2007 and is now a freshman attending the University of Rhode Island. Christina was a consistent honor role student and participated in many activities including the Portland Ecumenical Youth Group. Christina's father is Vincent Susco Jr.

Matthew Bahr, Durham, CT
Matthew graduated Coginchaug Regional High School is 2006 and is currently attending the University of Connecticut, majoring in Economics. Matthew has been involved with the Economic Society, Finance Society and Explore Program at UCONN. Matthew received the Colt Award of Spanish, was class instrumentalist and participated in many athletic activities. Matthew's father is Ray Bahr.

Ryan Kortmann, Coventry, CT
Ryan is a senior graduating from Coventry High School in 2008 and plans to attend Rochester Institute of Technology this fall, majoring in Information Technology. Ryan is a consistent honor student. Ryan is the captain of the track team, active in the school band and has been involved in several community activities in Coventry. Ryan's father is Robert Kortmann.

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72 Rockland Avenue
Waterbury CT 06708
(203) 757-1855
ctawwa@snet.net

Meet the CTAWWA Board 2008-2009

Over the next few issues, we'll visit with the board members of CTAWWA for 2008-2009. This issue, we meet Ray Baral who is coming onto the board as a Trustee at Large; Kevin Barber, Treasurer; Tom Chaplik, Chair; Bill Kennedy, Second Year Trustee; and John Herlihy, Vice Chair. Besides the usual 'name, rank and serial number' information, we asked the board members for their "favorite water memory".

Raymond E. Baral Jr., Trustee at Large, is plant superintendent for Reservoir #6 and Collinsville Water Treatment for The MDC. There for the past 5- ½ years, Ray is a member of the CTAWWA Education Committee, serving as chair from 2004-07, ATCAVE and program committees.

Ray's favorite childhood water memory "is really more of a favorite funny ironic memory. My Uncle Johnny invited me on a fishing trip with his friends off the coast of Rhode Island. I was 12 years old. The seas were very rough that day and just before a line was cast, I was experiencing extreme sea sickness. Uncle Johnny wasn't about to let me ruin his fishing trip or turn back toward land, so he brought me up to the bow of the ship and secured me in place with a series of ropes and square knots . That's where I remained for the entire afternoon nauseous with a capitol N. You would think from that day on I would never dare try my sea legs out again but just 6 years later I joined the Navy. The rest is history. Thanks Uncle Johnny!"

Kevin Barber serves at the CTAWWA Treasurer, and is the Director of Administration and Customer Service at South Norwalk Electric and Water. He's been at SNEW for 18 years. At CTAWWA, he is the planning guru for the annual conference, and in addition to the duties as treasurer, serves on the ATCAVE committee.

Kevin's favorite water memory is "spending a week each summer at Boy Scout camp, swimming, canoeing and rowing in the lake. It was a wonderful time when all I had to do was have fun. One year my older brother and I also participated in the mile swim which was a nice accomplishment for a 12 year old."

Tom Chaplik, Chair, is the Vice President of Water Quality at South Central Regional Water Authority where he has been employed for the past 29 years. In addition, he is the past chair of the SCCRWA Employee Credit Union Supervisory Committee. Tom has a bachelor's degree in Agronomy from UConn and a Master's Degree from the University of New Haven, and an Executive Development Program Certificate from the Wharton School at the University of Pennsylvania, Tom currently serves as chair of the CtWARN committee. Organizations he has served or continues to serve include the Orange Economic Development Corporation Board of Directors, past president of the Orange Chamber of Commerce Board of Directors, and Ct Natural Heritage, Open Space/Watershed Lake Zoar Acquisition Board of Directors.

Tom's favorite water memory: "Water skiing on crystal clear Lake Zoar, I did a beautiful belly flop after hitting a big chunk of drift wood or so I thought. The bump on the road turned out to be a bloated Loch-Ness-monster carp that probably would have sunk the boat if there was a collision."

Bill Kennedy, Second Year Trustee, is the Manager of Water Treatment at the MDC. He serves on the Ad Hoc Science Center, Ad Hoc DPH working group/ Operator Duties & Responsibilities, Residuals, and CtWARN committees. He also serves on the University of Hartford Civil Engineering Advisory Board.

Bill's favorite water memory: "As a youngster I recall skating on my Uncle's pond in Southwick Mass. I often worried that the ice was too thin but my Uncle didn't share the same apprehension. One day, while clearing the ice, the front wheels of his John Deere tractor broke through the surface. He was able to escape, but the tractor was stuck, its rear wheels hopelessly spinning. Slowly, it tipped and rolled back and forth, it was like watching the Titanic sink. The exhaust stack gave one final belch and then it plunged rapidly to the bottom where we could see the headlights staring back up at us."

John J. Herlihy, Vice Chair, has been employed at Aquarion Water Company for the past 35 years, and is the Director Water Quality and Environmental Management. He is the WUC Chair, member of the Regulations and Research Committee; and former member of the Laboratory Operations Committee. He has represented CTAWWA Section at the national AWWA Fly-Ins in Washington, D.C.

John's favorite water memory is "spending warm summer afternoons in rural upstate New York with my head in a stream watching all the invertebrates crawling around, catching frogs, fish and turtles, and following the stream to see where it led to."

CTAWWA Committee Chairs

Committee Chairs for CTAWWA are listed below. For contact information, please visit the CTAWWA website – www.ctawwa.org

Associates
Bob Tedeschi, CDM

ATCAVE
Pam Monahan, CTAWWA

Cross Connections
Barry Fontaine, Southington Water Department
James Hatcher, Groton Utilities

Customer Service
Art O'Neill, Connecticut Water Company

Diversity
Jean Zanella-Dyer, Aquarion Water Company

Editorial Board
Kate Powell, Regional Water Authority

Education
Ronnie Fields, Premier Laboratory
Jennifer Muir, Wright-Pierce

Fulller Award
Leonard Assard, Heitkamp, Inc.

Laboratory Operations
Brian Edge, South Norwalk Electric and Water
Rae Van Egas, City of Waterbury

Membership
Pam Monahan, CTAWWA
Marcey Munoz, MDC

Nominating
Dave Kuzminski, Portland Water Department

Operator Certification
Judy Simpanen, Aquarion Water Company
Harvey Wall, MDC

Program
Fred Rogers, Southington Water Department

Regulations and Research
Steven Pratt, MDC

Safety
Joseph Antinozzi, Regional Water Authority

Security
Tim Hawley, Regional Water Authority

Small Systems
Paul Radicchi, Connecticut Water Company

Source Water Protection
Cindy Gaudino, Connecticut Water Company
Brian Roach, Aquarion Water Company

Sports
Mark Anderson, Ferguson Waterworks
Dan Lesnieski, Connecticut Water Company

Water Conservation
Donna Boccuzzi, City of New Britain
Pat Crabtree, Wallingford Water Division

Water for People
Jeff Parker, Metcalf & Eddy

Water Resources
Dave Radka, Connecticut Water Company

Web Site
David Kuzminski,
Portland Water Department

WTP Residuals
Dave Leiper, Regional Water Authority

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* Ferguson Waterworks ..... BC (ferguson.com)
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* Harper International ..... 29 (solutionsbyharper.com)
* Heitkamp, Inc. ..... 6 (eheitkamp.com)
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* Natgun ..... IFC (www.natgun.com)
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* R.H. White Construction ..... 10 (rhwhite.com)
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Shoreline Diving Services, Inc. 21
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* Tighe & Bond ..... 9 (www.tighebond.com)
Ti-Sales ..... 19 (www.tisales.com)
* Weston & Sampson ..... 9 (westonandsampson.com)

* This company is also a 2008 CTAWWA Section Enhancer

CTAWWA Annual Committee Reports

Associates Committee

The Associates Committee remains an active group within the Section, and provides valuable representation to Section business, representing manufacturers, suppliers, consultants, contractors and service providers. The members of the Associates Committee represent a broad-based array of companies and technologies.

The centerpiece of Associates Committees activity during the year continues to be administration of the Section's Enhancement Program. The Associates Committee solicits and receives financial support from numerous businesses, as well as utilities, allowing the Committee to carry out its activities, including our Scholarship Program. In fiscal year 2008, the Associates Committee was fortunate enough to recruit 57 Section Enhancers. This enabled the Associates Committee to continue its tradition of hosting the Wednesday luncheon at the Annual Conference, including a featured speaker. The Committee also provided financial support to Water for People as a sponsor of the fall golf outing and the Annual Conference.

Most important, with the ongoing success of the Enhancement Program, the Committee administered the Associates Scholarship Program, providing financial awards to immediate family members of our Section members pursuing higher education. In 2008 the Associates Committee awarded $6,500 in scholarships to ten candidates. The awards are scheduled to be announced and presented at the Section's Annual Conference.

Bob Tedeschi, chair, would like to express his sincere thanks to the members of the Associates Committee for their continued active support of the Committee and of the Section, thank you to the 57 Section Enhancers for their generous support of the mission.

Members include: Bob Tedeschi (Chairman), CDM; Chris Shea (Vice Chairman), Aqua Solutions; Mark Anderson (Secretary), Ferguson; Chris Hodgson (Immediate Past Chairman), Natgun Corporation; Dave Pinsky, Tighe & Bond; Bruce Kirkland; Bryan Tanner, Holland Company; Chris Wester, Weston & Sampson; Dan Lesnieski, Connecticut Water Co.; Dave Riter, Mueller; Don Iannicelli, GeoInsight; Fred Haines, Harper International; Jack Jolls, Jolls, & Co.; Jerry Wilson, Superior Products; Len Assard, Heitkamp; Rich Mazur, EJP; Tom Bedus, Neptune Meter; Greg Lyons, G.L. Lyons Associates; Dave Kuzminski, (Section Immediate Past Chair), Portland Water Dept.; John Bracchio, Wright-Pierce; Bob Cianciosi, EJP

Regulation & Research Committee

The Regulation and Research Committee continues with the review of the State of Connecticut DPH's implementation of Federal EPA regulations into the State Public Health Code. These tasks included the review of draft regulations, comments within committee and the review of the final submittal. The committee continued with reviews of drafts for operator certification for treatment plant, distribution and cross control inspectors and surveyors which to date still are not finalized. A proposed well drilling regulation from the Department of Consumer Protection pertaining to geothermal wells has been reviewed prior the public hearing. Comments for the geothermal well regulations were conveyed to Betsy Gara due to expediency.

The committee monitored the nuances the Long Term 2 Surface Water Treatment Rule and the State 2 D/DBP regulations to ensure that committee members' utilities stayed on track with the time lines of the rules. The Groundwater Rule was reviewed in regards to the potential impact on public water systems. Subsequently, a Technical Work Group has been organized by the State DPH Drinking Water Section to aid the DPH in the implementation of the regulation. (Stephen Pratt, Michael Weng, John Herlihy and Thomas Gaidish are members of the TWG.)

An additional regulation which is being monitored is the Total Coliform Rule as that regulation is being shaped by the SAB at the EPA level. Changes in the Lead and Copper Rule continue to shape that regulation and the impact of the regulation on Public Water Systems. In closing, the possible impact on future regulations for perchlorate, pharmaceuticals and personal care product residuals will shape future regulations for the water industry.

Residuals Committee

The Residuals Committee did not meet during the one-year period covered by this report. However, the committee continued to communicate and monitor Connecticut Department of Environmental Protection (CTDEP) and State legislative activity with regard to the items listed below.

1. WTP Residual Solids De-Regulation. In the past year, at least two water utilities continued their efforts to beneficially reuse residuals as a natural soil substitute following 2004 legislation that allowed such activity under CTDEP-approved operation and maintenance plans. Contrary to the statutory language, the CTDEP was only allowing the blended product to be used for a utility's own use (as opposed to allowing it to be sold commercially) until a beneficial reuse general permit was developed. However, one utility was recently granted a temporary authorization to sell a limited quantity commercially, and a proposed bill (Raised Bill No. 585) was introduced to the Connecticut General Assembly in February 2008 that would effectively allow the CTDEP to authorize the beneficial reuse of solid waste without the need for the issuance of a general permit.

The ad-hoc 1998-1999 residuals assessment fund has a balance of $5,559.75 remaining for consultant fees if needed.

2. WTWGP Program. The CTDEP has still not reissued the General Permit for the Discharge of Water Treatment Wastewater (WTWGP) which expired on May 1, 2005. The committee had met with CTDEP staff and submitted written comments prior to the permit's expiration. Based on conversations between the Committee and CTDEP staff, it is not expected that the WTWGP will be reissued by the end of 2008. CTDEP staff has instructed CT Section members to continue operating existing discharges in compliance with the terms of the expired permit. However, these discharges are technically unpermitted and new or modified discharges cannot be registered. Individual discharge permit applications could be submitted, however, past experiences of Committee members indicate that individual permit applications for water treatment wastewater discharges will not be processed. A letter expressing concerns with the delayed permit reissuance was signed by the CT Section Chair was sent to CTDEP Commissioner Gina McCarthy in February 2008.

Members include: David Leiper (Chair), So. Central CT Regional Water Authority; Ian Karasik, Aquarion Water Company; Richard J. Meskill, Wallingford Dept. of Public Utilities Water Division; Kevin T. Walsh, P.E., Connecticut Water Company; Bill Kennedy, MDC; Cindy Sek, State Dept. of Public Health; Thomas Villa, South Norwalk Electric and Water; Peter J. Grabowski, P.E., Tighe & Bond; Tom Chaplik, So. Central CT Regional Water Authority.

Source Water Protection

During 2007 - 2008, the Source Water Protection Committee (SWPC) was co-chaired by Brian Roach of Aquarion and Cindy Gaudino of Connecticut Water Company. The SWPC, which generally meets monthly from September through June, was comprised of representatives from water utilities as well as the Department of Public Health (DPH) and the Department of Environmental Protection (DEP).

During the year, the SWPC and/or its members: 1) Worked with the DEP to develop a Municipal Assistance Program for Aquifer Protection which was finalized and submitted to DEP; 2) started discussions with DPH to revise the Water Company Land Permit application process; 3) participated in DEP's aquifer protection training workshop for municipal agencies.

Members include: Kim Czapla, Dept. Environmental Protection; Mike Guaglianone, Regional Water Authority; Rob Hust, Dept. Environmental Protection; Mark Impelluso, MDC; Lori Mathieu, Dept. Public Health; Andrew Perham, MDC: Brian Roach (Co-Chair), Aquarion; Kurk Sampara, Regional Water Authority; Judy Singer, Dept. Environmental Protection; Ron Walters, Regional Water Authority; Carol Youell, MDC; Jennifer Pagach, Dept. Public Health, Cindy Gaudino (Co-Chair), Connecticut Water Company.



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