

# CONNECTICUT SECTION AWWA & CONNECTICUT WATER WORKS ASSOCIATION

## *48th ANNUAL JOINT CONFERENCE*

**Wednesday, May 22, 2019 to Friday, May 24, 2019**



### **Woodstock Inn & Resort – Woodstock, VT**

The inspirational setting of the Woodstock Inn & Resort located in Woodstock, VT make the Inn ideal for the **48th Annual Joint Meeting of the CT Section of the American Water Works Association (CT Section AWWA) and the Connecticut Water Works Association (CWWA)**.

The conference will feature opportunities to earn Training Contact Hours (TCH) by attending technical presentations that are pertinent to our water supply profession; an opportunity to participate in the American Water Works Association (AWWA) - CT Section AWWA discussion forum facilitated by AWWA Vice President Mark Coleman; the annual CT Section AWWA - CWWA Awards Dinner which offers an opportunity to acknowledge Connecticut's outstanding water supply professionals, as well as opportunities to learn from and network with other water supply professionals.

Conference registration begins at 11a.m. on Wednesday, May 22th, followed by a buffet luncheon at 11:30 a.m. with technical sessions on Wednesday afternoon. As in the past, we are grateful to the CT Section AWWA Associates Committee for their sponsorship of Wednesday's luncheon and this year's conference keynote luncheon speaker Dr. Elizabeth Burakowski is a Research Assistant Professor in the Institute for the Study of Earth, Oceans, and Space at the University of New Hampshire (UNH) in Durham, NH.

Training Contact Hours (TCH) will be offered again this year for the technical sessions on Wednesday, Thursday and Friday. Please note that if you are registered for the Technical Sessions only you will not be admitted to any of the conference related activities. If you wish to register for the entire conference, please sign up for the Full Conference Registration.

For accommodations at Woodstock Inn & Resort, please call 866-592-9611 requesting the CTAWWA group by May 9, 2019

CTAWWA accepts all major credit cards and you can register for the conference online. Please visit our website [www.ctawwa.org](http://www.ctawwa.org) for details.

We look forward to seeing you in Vermont in May.

### *2019 Annual Conference Committee*



Fourteen the Green, Woodstock, VT

## **48th Annual Joint Conference**

### **CONFERENCE AGENDA**

**Wednesday, May 22, 2019**

### **Rockefeller Room**

- 11:00 a.m. **Registration**
- 11:30 a.m. **Luncheon** – Sponsored by the Associates Committee
- 12:00 p.m. **Luncheon Speaker- Dr. Elizabeth Burakowski**  
Research Assistant Professor in the Institute for the Study of Earth, Oceans, and Space at the University of New Hampshire
- 1:30 p.m. **Welcoming Remarks**  
Jen Muir, CTAWWA Chair  
John Herlihy, CWWA President
- 1:45 p.m. **National Update**  
Mark Coleman, Vice President, AWWA
- 2:00 p.m. **CWWA Legislative Update**  
Betsy Gara, Executive Director, CWWA  
John Herlihy, CWWA President  
Lori Vitagliano, Tri-Chair CWWA Legislative Committee
- 2:30 p.m. **Break**

### **Woodstock ABC**

Lead Moderator: Scott Bonnett, Hazen & Sawyer

- 3:00 p.m. **Farm Bill/Conservation**  
*Chi Ho Sham, Easter Research Group*
- 3:30 p.m. **Seasonal Variations of DBP's in a Large Water Supply**  
*David Reckhow Ph.D., Professor University of Massachusetts,  
Department of Civil & Environmental Engineering*
- 4:00 p.m. **DBP Removal from Bench Scale to Design: How to Use Bench-scale Results to Make Timely Decisions**  
*Russell Ford Ph. D., PE, BCEE, Jacobs*
- 4:30 p.m. **Emerging Trends in the Wild World of Water Rates**  
*Dave Fox, Raftelis*
- 6:30 p.m. **Dinner Reception –Front Garden**

# CTAWWA/CWWA 48th Annual Joint Conference

## CONFERENCE AGENDA

### Thursday, May 23

8:00 a.m. **Breakfast –Rockefeller Room**

#### **AWWA Section Forum**

Mark Coleman, Vice President, AWWA

Ray Baral, Vice President, AWWA

#### **Woodstock ABC**

9:15 a.m. **Assessment of Granular Activated Carbon and Anion Exchange Resins for Treatment of Per-and Polyfluoroalkyl Substances (PFAS) in Drinking Water**

*Russell Ford Ph. D., PE, BCEE, Jacobs*

9:45 a.m. **PFAS Case Studies**

*Matthew George, PE, Hazen and Sawyer*

10:15 a.m. **Great Hill Tunnel Project Phase II-Tunnel Rehabilitation and Pipe Sliplining/Replacement**

*Rose M. Gavrilovic, PE, South Central Connecticut Regional Water Authority*

10:45 a.m. **Break**

11:00 a.m. **Pioneering Water Loss Control-Several States Advance with Technical Assistance Programs**

*Drew Blackwell, Cavanaugh*

11:30 a.m. **AWWA's New Positions on Non-revenue Water Performance Indicators**

*George Kunkel, PE, Kunkel Water Efficiency Consulting*

12:00 p.m. **Technical Session Adjourns**

### **Thursday Afternoon Program-Pre Registration Required**

12:30 p.m. –3:30 p.m.

Tour of the **Taftsville Vermont Hydro Plant** and the **Long Trail Brewing Company**,

Bridgewater Corners, VT

Tour includes transportation and lunch. Registration for the Tour Required

7:00 p.m. **Cocktail Reception—South Garden**

8:00 p.m. **Award Banquet Dinner– Rockefeller Room**

9:25 p.m. **Water for People Raffle Drawing**

# CTAWWA/CWWA 48th Annual Joint Conference

## CONFERENCE AGENDA

### Friday, May 24

7:00-9:00 a.m. **Breakfast –Rockefeller Room**

8:00 a.m. **CWWA/CTAWWA Joint Breakfast Board Meeting– Garden Terrace**

### Woodstock ABC

Lead Moderator: Robert Longo, Bristol Water Department

9:15 a.m. **2020 DOE Pump Regulations & the Energy Rating Initiative**  
*Mark Chaffee, Taco Inc.*

9:45 a.m. **Collaborative Approach to Water Resources Management for Pomeraug River**  
*David Radka, Milone & MacBroom*  
*Len DeJong, Pomeraug River Watershed Coalition*

10:15 a.m. **Security and Awareness Training**  
*Sal Nesci, South Central Connecticut Regional Water Authority*

11:00 a.m. **WFP Smarts Game-Who Will Bring the Trophy Home? CWWA or CTAWWA**  
*Hosted by Nick Rossi, PE, Aquarion Water Company*

11:30 a.m. **Closing Remarks**  
Tom Barger, Incoming CTAWWA Chair  
Mark Decker, Incoming CWWA President

**Thank you Sponsors**

**Sponsorship Opportunities Available**



# CTAWWA & CWWA 48th Annual Joint Conference

Woodstock Inn and Resort – Woodstock, VT

May 22-24, 2019

## Conference Registration Form

Includes Technical Sessions

Name: \_\_\_\_\_ Spouse/Guest: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-Mail: \_\_\_\_\_ Phone #: \_\_\_\_\_

**Note: Hotel registration includes overnight accommodations, dinners, breakfasts, taxes and gratuities.  
Hotel registrations must be made directly with the hotel using the enclosed form.  
Full Conference registration includes Wednesday Lunch.**

### CONFERENCE FEES (Per person):

Circle choices

**Registration Member** (Before May 9, 2019) ..... \$325

Thursday Awards Dinner Meal Choice: (circle one)      Surf & Turf      Vegetarian

Later Fee after May 9, 2019 ..... \$375

**Young Professional Registration Member** (Before May 9, 2019) ..... \$225

Thursday Awards Dinner Meal Choice: (circle one)      Surf & Turf      Vegetarian

Later Fee after May 9, 2019 ..... \$275

**Registration Spouse/Guest** ..... \$75

Thursday Awards Dinner Meal Choice: (circle one)      Surf & Turf      Vegetarian

**Speaker Conference Fee** ..... \$225

Thursday Awards Dinner Meal Choice: (circle one)      Surf & Turf      Vegetarian

### Tour to the Taftsville Vermont Hydro Plant and the Long Trail Brewing Company

Member ..... \$50

Box Lunch Selection (circle one):    Roast Beef    Turkey    Spinach Salad

Spouse/Guest ..... \$50

Box Lunch Selection (circle one):    Roast Beef    Turkey    Spinach Salad

**Water for People Raffle Item Donation**.....

**Total Off All Circled Items:**..... \$

### CREDIT CARD INFORMATION - ALL FIELDS MUST BE COMPLETED

Name on Credit Card:		Billing Phone Number for Credit Card:	
Billing Address :		Zip Code:	
		Signature:	
Credit Card #	Exp. Date	CCV#	Amount to Charge to Credit Card: \$

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

Please return this form with your check payable to: "CTAWWA" and mail to:

CTAWWA, P.O. Box 330472, West Hartford CT, 06133

On line registration available at [ctawwa.org](http://ctawwa.org)

# CTAWWA & CWWA 48th Annual Joint Conference

Woodstock Inn and Resort – Woodstock, VT

May 22-24, 2019

## Registration for Technical Sessions ONLY

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
E-Mail: \_\_\_\_\_ Phone #: \_\_\_\_\_

**Note:** Please use this form to register for the Technical Sessions ONLY. By registering for only the Technical Sessions, you will not be admitted to any of the conference related activities. If you wish to register for the entire conference, please use the Full Conference Registration Form

### TECHNICAL SESSIONS (Per person):

Circle choices

Wednesday Afternoon Technical Session ..... \$100  
Thursday Morning Technical Session .....\$100  
Both Wednesday Afternoon and Thursday Morning Technical Sessions ..... \$200

### WEDNESDAY:

Wednesday Afternoon Luncheon.....\$45  
Wednesday Evening Dinner Reception.....\$100

### THURSDAY

#### Tour to the Taftsville Vermont Hydro Plant and the Long Trail Brewing Company

Member/Guest.....\$50

Box Lunch Selection (circle one): Roast Beef Turkey Spinach Salad

Thursday Awards Dinner .....\$100

Meal Choice: (circle one) Surf & Turf Vegetarian

TOTAL OF ALL CIRCLED ITEMS ..... \$ \_\_\_\_\_

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CREDIT CARD INFORMATION - ALL FIELDS MUST BE COMPLETED			
Name on Credit Card:		Billing Phone Number for Credit Card:	
Billing Address :		Zip Code:	
		Signature:	
Credit Card #	Exp. Date	CCV#	Amount to Charge to Credit Card: \$

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Or register on line at [www.ctawwa.org](http://www.ctawwa.org)

For more information please contact Romana Longo at [longoctawwa@gmail.com](mailto:longoctawwa@gmail.com) or 860-604-8996

## CTAWWA & CWWA 48th Annual Joint Conference

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### \*\*\* SPONSORSHIP OPPORTUNITIES \*\*\*

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

**We wish to be a sponsor for the following Annual Conference events: Circle Choices**

**Social Hours: Wednesday and Thursday Evenings \$500**

**Break Stations: .....\$325**

**Audio & Visual: All Technical Sessions .....\$325**

### \*\*\* EXCLUSIVE SPONSORSHIP OPPORTUNITY \*\*\*

**Conference Program Booklet: Full Page Back Cover Ad.....Sold Out....\$600**

**Water for People Raffle Item Donation.....**

**Please print company name as you would like it listed:**

\_\_\_\_\_

**TOTAL OF ALL CIRCLED ITEMS ..... \$\_\_\_\_\_**

### CREDIT CARD INFORMATION - ALL FIELDS MUST BE COMPLETED

Name on Credit Card:		Billing Phone Number for Credit Card:	
Billing Address :		Zip Code:	
Signature:			
Credit Card #	Exp. Date	CCV#	Amount to Charge to Credit Card: \$

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**Please note:** CTAWWA accepts all major credit cards. To register online with a credit card, please visit our website: [www.ctawwa.org](http://www.ctawwa.org)

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CTAWWA, P.O. Box 330472, West Hartford CT, 06133

Or register on line at [www.ctawwa.org](http://www.ctawwa.org)

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## ***CTAWWA & CWWA 48th Annual Joint Conference***

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May 22-24, 2019



### **Hotel Package Price**

***\$321.97 Single Occupancy per Night***  
***\$436.04 Double Occupancy per Night***

#### **Package Includes:**

Overnight Accommodations  
Wednesday Lunch & Dinner Reception  
Thursday Breakfast & Awards Dinner  
Friday Breakfast  
Resort Fee, Parking & Valet Service, Wireless Internet

Please make your reservations by **May 8, 2019**  
Room reservations must be made with the resort directly by calling  
**866-592-9611** and referencing the  
“CT Section of American Water Works Association”



For more information please contact Romana Longo at [longoctawwa@gmail.com](mailto:longoctawwa@gmail.com) or 860-604-8996



## **CTAWWA & CWWA 48th Annual Joint Conference**

### **Social Conference Events Agenda**

**Wednesday, May 22nd**

**Associates Committee Sponsored Luncheon-Rockefeller Room-11:30-2:30 p.m.**

**Dinner Reception-Front Garden-6:30-8:30 p.m.**

Please join us for a casual reception in the beautiful outdoor Front Garden.

**Thursday, May 23th**

**AWWA Section Forum-Rockefeller Room-8:00-9:00 a.m.**

**Tour & Pour On the Road 12:30-3:30 p.m.**

Tour of the **Taftsville Vermont Hydro Plant** and the **Long Trail Brewing Company**, Bridgewater Corners, VT

Tour includes lunch and transportation. Pre-registration required.

**Reception, Dinner & Awards Banquet– Rockefeller Room 6:30-9:30p.m.**

Join us for a pre-Awards Reception on the South Garden overlooking the beautiful evening views of Woodstock Inn

Followed by Dinner & Awards Banquet in the Rockefeller Room.

**Water for People Raffle Drawing 9:20 p.m.**

**Friday, May 24th**

**WFB SMARTS GAME–Woodstock ABC- 11:30am**

Back by popular demand! Come cheer on the CWWA & CTAWWA teams as they battle for this years title and bragging rights.

