



GO WITH THE FLOW

The purpose of GO WITH THE FLOW is to keep you, the operator, informed of some of the training opportunities that are available for your certification needs (new and renewal). The Training/Meetings calendar will be updated quarterly as information about new training opportunities becomes available. Events may be scheduled by: NCWOA, Public Water Supply Section, State Laboratory of Public Health, and other sources. This newsletter may also contain information on new regulations, news from the Certification Board, and important need-to-know resource contacts.

Operator's Spotlight

A Conversation with Randy Hawkins

Utilities Operations Manager for Charlotte Water, Randy Hawkins, has been in the NC water industry for over 28 years, getting his start with the City of Gastonia where he began as an operator. Hawkins says he really liked the challenges he saw when he began his career with Gastonia and could see a real future in water treatment. He was actually very familiar with Gastonia, working part time with the city as a recreational worker during high school and college.

"I had graduated from Appalachian State University with a degree in biology and was working in the recreation department when the utilities director told me about a position that had opened up in water treatment," says Hawkins. "He knew I had a four-year degree and suggested I apply. Because of the challenges water treatment presented, I really liked it and knew it would allow me to continue to do something I really loved and that was learn, so I stayed with it."

Hawkins eventually moved on to the City of Charlotte, which has recently undergone a name change to

Charlotte Water. Hawkins oversees three water treatment plants for Charlotte Water, which is a part of the South Piedmont Section of the North Carolina Waterworks Operators Association (NCWOA). Charlotte Water serves over 800,000 people and treats an average of 100 million gallons per day. Hawkins says with an industry this big and serving so many people, his job is made a whole lot easier because he has such well trained and committed employees.

"I work with a great group of people," he says. "You can't ask for better supervisors than what I have working with me."

Hawkins says that NCWOA has been very instrumental in furthering his career and it helps his operators stay connected, educated, certified, and trained.

"All of our operators are members, attend certification schools, and the additional seminars NCWOA provides," says Hawkins. "Our education would be lacking if we didn't have certification schools and seminars from NCWOA and all the NCWOA volunteers that help are a tremendous group of people. I wouldn't want to imagine not having NCWOA around. I don't know what it would look like, but it wouldn't be pretty."

Hawkins is a life member of the 75 year organization and has served on several of its committees since 1999. He is currently the past president where he served his presidential term 2011-2013. He has been 1st vice president, 2nd vice president, chaired and co-chaired

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the South Piedmont Section, and chaired the seminars committee which he says is really what put him on the fast track with NCWOA.

"Fred Hill asked if I would chair the seminars committee and this is how I got started moving up into the organization," he says. "I did that for almost 3 years. I am a current member of the board of examiners, served on the nominating committee, chaired the rules committee, chaired the operator for the year committee, and have served on the finance committee."

Hawkins says that NCWOA has really set him up to learn more about the industry, its people and different industry perspectives. He says one of his favorite things is to help with the filter assessment seminar. He recalls one of the first seminars he ever did in Murphy, NC.

"We started the class up and this older gentleman stood up and said he had one thing to say and wanted to say it right then," laughed Hawkins. "I just cringed because we had never been up in that area and did

not know what to expect. He thanked us for coming and doing the class because he said no one ever came that far up in the mountains to teach them, forcing them to always have to travel. That meant a lot to me. The mayor came out to meet us and they did a story in the paper. This was one of my best experiences."

Hawkins is also quick to recall how past NCWOA treasurer and dear friend, Kasey Monroe, tricked him in a sense to becoming the section secretary.

"She asked if I would consider being the South Piedmont Section's Treasurer/Secretary," he says. "I asked how long and she said until April, and it was already December. I thought sure I can do anything for four or five months. What she didn't tell me was it was April of the following year! That really kind of tripped me. I was in it for 16 months instead of four."

Hawkins has been married for 27 years and has two children, a daughter and a son. One is currently working for a utility and the other in college. He likes all things outdoors: camping, fishing, and hiking. In less than two years he will have 30 years in the water

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industry. Currently he has no plans for retirement, but says more than likely he will always be involved with the water industry.

Operator's Spotlight

A Conversation with Danny Williamson

Back in the early 1980s, Danny Williamson lost his job in the machinist industry due to cutbacks. He stayed unemployed for roughly two months when a position came open with the City of Concord. Williamson applied and landed the water treatment plant operator position and 32 years later has worked his way up to Water Treatment Plant Supervisor for the City of Concord.

"It just kind of worked out and I found my home," he reflects. "I had no credentials, but did have two years of college, which at that time was not a requirement."

Williamson went to Western Carolina for a stint to study business. He thought he wanted to work in the financial industry, but after a couple of years decided that was not for him. When he landed at Concord, he worked really hard to get his certifications and worked his way up the employment ladder.

"I started out working a 2nd/3rd shift combination for about 6 years," he says. "I was able to become a first shift operator and after a year I left to go work in the



lab at the Rocky River Waste Treatment Plant. It was part of the city then."

Williamson realized after a year in the lab he wanted to go back to the water treatment side, that wastewater was not for him. Luckily a position was open and he came back to the water plant. By 1995, he transferred over to the newly constructed Coddle Creek Plant.

"We had to hire a whole new staff and I was promoted to the senior operator position," says Williamson. "Over the years that position has evolved with several title changes."

The City of Concord is in the South Piedmont Section of the North Carolina Waterworks Operators Association (NCWOA). It has two plants that service over 70,000 people and between the two plants, treat over 9 million gallons of water per day. Williamson has served as the section's chair, a position he left in 2013. He was awarded the NCWOA's Operator of the Year Award in 1996. Williamson's association with NCWOA has meant a lot to him and his career, especially the networking the organization provides.

"NCWOA has always been important when it comes to training for the industry," he says. "It also allows you to be a member, attend meetings, and serve as an officer. It gives you a chance to network with other people and open the door to reach out and network because we are all a part of the same state-wide organization."

Williamson is a life member of NCWOA and stays active attending section meetings. He has two children, a son graduating from NC State University this spring and a daughter graduating from high school with college plans.

"That's why I'm still working," he laughs. "When my daughter finishes college I will retire."

His plans for he and his wife of 27 years is to relocate to Raleigh. He is a season NC State football ticket holder and has been for the past 20 years. He says when they are not in Raleigh they intend to become beach bums two to three months out of the year.

"[NCWOA] gives you a chance to network with other people and open the door to reach out and network because we are all a part of the same state-wide organization."

Operator's Spotlight

A Conversation with Jeff Carlisle

Jeff Carlisle, operations Supervisor of Water Treatment Facilities for Fayetteville Public Water Commission is quick to say that he is boring and does not live an exciting life. However, in just a short conversation with the operations supervisor one will discover that he is a devoted family man and has done exciting things in his life. He is like so many of us, not seeing what others see!

He was born in Clinton, NC and was raised up in the military life with his father serving in the United States Army. After graduating high school, his father retired from Fort Eustis Army Base just outside of Newport News, Virginia and moved his family to Natchez, Mississippi. Carlisle decided to stay in Virginia and attend Christopher Newport Community College, staying with a church family that was also originally from North Carolina.

"I got to missing mama's cooking so after six weeks of community college I went to Mississippi to be back with my family," he says. "My dad was a tug boat captain in the army and when I got to MS I got a job with my dad on a tug boat with Tidewater Marina. I worked a river boat tug for four months and switched to supply to deliver cement, fuel, and pipes to the oil rigs."

Carlisle worked 60 days on with 14 days off in the tug boat industry and the girl he was dating at the time didn't like him being gone so much, so in 1981 he joined the United States Air Force and that's when his water industry career really began. He was an Environmental Compliance Specialist with the air force, working at a sewage plant at Andrews Air Force Base in Maryland. He did his time in the military and when he got out, he returned to North Carolina to begin his career with Fayetteville PWC. He has been with Fayetteville 27 years this past January (2015). He has been in operations for his entire career with PWC, starting out at the ground level operator's position. In 2000, he was promoted to supervisor over PWC's two plants, Glenville and Hoffer, giving him 14 years in a supervisory role.

Carlisle has been active in the North Carolina Waterworks Operators Association (NCWOA). He has served as the Secretary of the Southeast Section of the NCWOA in 2008-2009. His current boss and NCWOA President, Chris Smith, landed him that role in the section.

"I took over the secretary position from Karen Dail," says Carlisle. "She had been doing it for 15 years. I missed a meeting and sorta got voted in to the position. I am sure Chris Smith dropped my name in the hat for that and this story. I owe him a lot."

Carlisle has also served as vice chair and chair for the section, giving him a good six years under his belt with NCWOA. He stepped down from his chair duties in 2010, but stays active in the organization. He has won the Operator of the Year Award from NCWOA and last year landed the Tom Flowers Award.

"This award is special to SE Section," says Carlisle. "He was the man that hired me and it is an award of recognition."

Carlisle has been very impressed by the work of the NCWOA. It has been an organization that has been very instrumental in his water career.

"Other than church it's the only organization I am a member of," he says. "When we went to having to obtain six hours of credit it was a godsend. NCWOA stepped up and started class work immediately. We started getting credit hours for our meetings. It's a proactive organization. We don't sit around on our thumbs, we keep things moving. It's a great group of people. If you ever need any help, it's there. It's a network and one of the best I've ever seen."

Carlisle's first marriage to the girl in Mississippi did not last long, but in 1987 he married his current wife of 27 years, Cathy, and became a father to her four-year-old daughter, Tabitha. He has three grandchildren that are the apple of his eye. His grandson is getting ready to graduate from high school, with his middle granddaughter being a freshman in high school. The youngest granddaughter is in the eighth grade. He says the kids love coming over to his house and since his grandson has driver's license, there is nowhere to hide.

"They pop in whenever that stomach growls," he laughs. "I tell that oldest grandson of mine, 'son I shop for you about every Tuesday night,' stopping by the Piggy Wiggly and stocking his supplies."

Carlisle loves to do things country style. He has some chickens and has raised cows and pigs that he and his dad would slaughter for meat for the family. He and his youngest granddaughter collect the chicken eggs every afternoon after work and school.

"Like I said, I am a boring person," he laughs. "I go home every day and love to tend to my animals. My dad taught me how to smoke meat and we just do these things country people do in my neck of the woods, real boring."

"[NCWOA is] a proactive organization. We don't sit around on our thumbs, we keep things moving. It's a great group of people. If you ever need any help, it's there. It's a network and one of the best I've ever seen."

Carlisle lost his mother two years ago and his father exactly one year ago on the day he interviewed for this story, December 16, 2014. He got very somber speaking of his parents and how life must go on. There was gratefulness in his voice because his boring is really not boring after all. Through his military upbringing he was afforded an opportunity to travel and his days as a tug boat operator working with his dad gave him a great opportunity to spend time with a man he admired and learned a lot from. Once he decided to join the air force, little did he know that was his stepping stone for a fruitful, prosperous career. So boring, hardly; being raised by a loving family and teaching your own family those lessons, priceless and the envy of a lot of folks.



News from the Certification Board

In September the Board reviewed the rules governing Operator Certification (15A NCAC 18D) to assign a category to each rule. The category assigned to each rule was governed by the nature of the rule.

Each rule must be placed into one of three categories using the following definitions (as per NCGS 150B-21.3A (a))

1. **Unnecessary** – “Means a rule that the agency determines to be obsolete, redundant, or otherwise not needed.”
For example, if a rule repeats the language of another rule or general statute, then the rule may be classified as unnecessary.

Consequence: All unnecessary rules will automatically expire.

2. **Necessary without substantive public interest** – “Means a rule for which the agency has not received a public comment concerning the rule within the past two years. A “necessary without substantive public interest” rule includes a rule that merely identifies information that is readily available to the public, such as an address or a telephone number.”

In general, rules in this category are needed but there are no known concerns from the public. For example, a rule may impose a duty on the operator to file an application or a particular form, but the requirement is administrative in nature and the rule has not generated any concern or comment from the public.

Consequence: Rules in this category are automatically renewed with no further action.

3. **Necessary with substantive public interest** – “Means any rule for which the agency has received public comments within the past two years. A rule is also “necessary with substantive public interest” if the rule affects the property interest of the regulated public and the agency knows or suspects that any person may object to the rule.”

In general, rules in this category are needed but there are known or suspected concerns from the public. For example, if there have been written or verbal questions about the language, interpretation, or application of the rule, then the agency has reason to suspect the rule may generate objections.

Consequence: Rules in this category must be opened and readopted as per the rule-making process. Realize that once a rule is opened, any part of it may be scrutinized by the RRC, not just the parts that are considered controversial or objectionable.

Timeline of the HB74 Process

Date	Action
Mid-August	Submit materials and get on agenda for the September meeting
September 16, 2014	Board action item to accept the categories and post for comment
October - November 2014	Public comment period
December 2014	Board review and accept any changes based on public comment
March 2015	Last chance for Board to change or finalize the report
April 15, 2015	Filing date for RRC
May 2015	RRC review begins
July 2015	Final determinations as per RRC and APO review
August 2015	Begin re-adoption process for selected rules
Unknown	Deadline to complete the re-adoption process

Continuing Education (Professional Growth) Requirements for Water Treatment, Distribution & Cross-Connection Operators - THE RULE

15A NCAC 18D .0308 PROFESSIONAL GROWTH HOURS

(a) All certified operators shall complete six contact hours of Board approved training each year following the year of initial certification. The Board shall approve training if it determines that the subject matter of the training is relevant to water treatment facility operation, and to the professional growth of operators. Training providers shall submit an attendance roster to the Board after completion of the training event. Ultimately proof of professional growth

hours is the responsibility of the operator. The roster shall contain the operator’s certification ID number or the last four digits of the Social Security number.

(b) The organization providing the training shall give each participant a certificate or other proof of completion which includes the name of the provider, the provider’s address, and contact person with telephone number. The proof of completion shall identify the name of the participant, the number of contact hours completed, the course name, the instructor’s name, and the date of the training received. For in-house training, an instructor from outside of the organization shall provide the training.

(c) The Board shall mail renewal notices to operators prior to the renewal date and shall state whether the Board has a record of their professional growth hours for the preceding year. If the Board does not have a record of professional growth for an operator, the operator must provide proof of the required six contact hours of training at the time of annual certification renewal.

History Note: Authority G.S. 90A-25.1; 90A-26; Eff. August 1, 1998; Amended Eff. November 1, 2008; August 1, 2004; August 1, 2000.

15A NCAC 18D .0309 CERTIFICATION REINSTATEMENT

(a) An operator whose certification has expired may seek reinstatement

within two years of expiration by paying any renewal fees in arrears, including late fees and either providing proof of continuing education for each calendar year as required in Rule .0308 of this Section, or passing another examination of that grade.

(b) Any person having a certification expired for more than two years or revoked shall apply to the Board for approval to be eligible for any further certification or reinstatement of certificate.

History Note: Authority G.S. 90A-25.1; 90A-26; Eff. August 1, 1998; Amended Eff. May 1, 2006; August 1, 2004; August 1, 2000.

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Sloan Elected Chair of NCWTFO Certification Board

NCWOA would like to thank Mr. Charles S. Brown with the Town of Mt. Olive for his dedicated service as Chairman of the NC Water Treatment Facility Operators Certification Board for the past 2 years. Mr. Brown has been a true asset with his knowledge and experience in the industry. He turned over the reins to Mr. Danny Sloan with Iredell Water Corporation in Statesville at the close of the December 2014 meeting. Mr. Sloan is the current Assistant Manager of Iredell Water Corporation. We look forward to the additional contributions he will provide as he accepts this new challenge.

On behalf of operators across the state, NCWOA would like to thank these gentleman along with the entire certification board for the time and service they provide to help protect a precious resource, our drinking water and the wonderful operators who deliver it to our state. We also appreciate all the employers that allow their employees to spend time away from the busy day-to-day schedules and demands to further our industry and assist operators across the state. Without their generosity and personnel, our industry would not be the wonderful, forward-thinking industry it has come to be.

Coming Soon!
New Sponsorship
Brochures for
July 2015-June 2016

NCWOA Seminars with Proposed Agendas

All NCWOA seminars listed on pages 6-8 are for 6.0 contact hours and are pre-approved by the NCWTFOCB for treatment and distribution operators. Many of the seminars will also qualify for 6.0 wastewater contact hours. Individuals that attend an entire seminar will receive a Certificate of Attendance for 6.0. Please see each individual seminar agenda or description for details. Registration form is available on page 9.

Very Small Groundwater Systems Seminar for Drinking Water Operators

March 3, 2015 in Wilmington and June 4, 2015 in Shelby

8:00 – 8:30	Registration	12:45 – 1:45	New Technology and How It Could Benefit YOU With Your VSS: Taking Us Out Of The Pencil and Paper Era Into The 21st Century
8:30 – 9:30	Rules and Regs Update/Regional Office review for the VERY SMALL SYSTEMS		
9:30 – 10:30	Chemical Feed Pump: How to Determining Chemical Dosing and Pump Setting On Paper and Then Putting it To Practice as Well as PM. HANDS ON TIME	1:45 – 2:45	The Why And How Of Good Recording Keeping
		2:45 – 3:00	Break
10:30-10:45	BREAK	3:00 – 4:00	Improving A Good Product: Water Quality Issues As Related To The Distribution System
10:45 – 11:45	Lead and Copper Issues In Depth: Monitoring, Reporting And Treatment	4:00	Certificates awarded for 6 contact hours for DRINKING WATER certification
11:45 – 12:45	Lunch – Provided on Site		

“Water Plant Filtration: Operations & Options” - Advanced Day 2015

March 25, 2015 in Morganton (*Registration for Advanced Day is in the Spring School Brochure*)

Session 1		12:15 – 1:30	Lunch – Provided on Site
8:30 – 8:40	Welcome and Opening Remarks	Session 3, Those Pesky Problems	
8:40 – 9:05	NCWTFO Certification Board Update	1:30 – 3:00	Iron and manganese
9:05 – 9:55	Public Water Supply – Rules Update		Algae and Organics
9:55 – 10:15	How our plant uses Partnership for Safe Water	3:00 – 3:20	Break
10:15 - 10:45	Break	Session 4, Alternative Filtration Strategies	
Session 2, Plant Management		3:20 – 4:50	Membrane filtration
10:45 – 12:15	Plant management related to filtration		Biofiltration
	Balancing plant goals and staffing needs	4:50	Certificates awarded for 6 Contact hours for all DRINKING WATER certifications
	Evaluating performance and making changes		

Grab it Right: What You Need to Know About Sampling & Reporting

April 7, 2015 in Canton and November 5, 2015 in Kinston

8:00 – 8:30	Registration	1:00 – 1:30	New LDS Software for Reporting – PWS Section or Lab
8:30 – 8:40	Welcome		
8:40 – 9:00	PWS Section Regional Office Regulatory Update	1:30 – 2:00	Maintaining Records and Retention Schedules
9:00 – 10:00	Sampling Plans/Brief Where to Sample – PWS Section	2:00 – 2:30	How to Verify Submittal of Results
		2:30 – 2:45	BREAK
10:00 – 10:15	BREAK	2:45 – 3:30	New Equipment/Instruments in the Market for Sampling and Testing – Focus on Field/Plant Sampling
10:15 – 10:35	Sampling In the Plant – Ground Water Perspective		
10:35 – 11:05	Sampling In the Plant – Surface Water Perspective	3:30 – 4:00	Working With and Choosing a Lab
11:05 – 12:00	Distribution System Sampling	4:00	Certificates awarded for 6 Contact hours for all DRINKING WATER certifications
12:00 – 1:00 pm	LUNCH		

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Completing the Cycle Series

April 23, 2015 in Fayetteville and August 18, 2015 in Wilkesboro

8:00-8:30	Registration and Welcome	12:45-1:45	Rehabilitation of Pipelines using Trenchless Technologies
8:30-9:30	Testing Collection Systems for Acceptance and Maintenance	1:45-2:45	GPS Technologies and how to use in the Field
9:30-10:30	Security of Water Distribution/Wastewater Collection Systems	2:45-3:00	Break
10:30-10:45	Break	3:00-4:00	Regulatory Updates
10:45-11:45	The Latest AMR & AMI Meter Technologies	4:00-4:10	Certificates awarded for 6 contact hours for Drinking Water and/or Wastewater certification
11:45-12:45	Lunch		

pH, Spectrophotometry, Ion Chromatography and Discrete Analyzers Drinking Water and Wastewater Applications

ThermoFisher
SCIENTIFIC

July 29, 2015 in Lillington and July 30, 2015 in Mt Holly

This workshop is designed to teach proper techniques of analyzing pH, and also for using spectrophotometers, ion chromatography and discrete analyzers in the lab. The course objectives will be met by presenting basic technical principals for each measurement and then incorporating practical applications of analytical techniques with "hands-on" experience with the instruments.

8:00 - 8:30	Registration and Introduction	12:30 - 1:00	Using Ion Chromatography for Water and Wastewater Testing (Buddy Goodnight)
8:30 - 9:15	Essentials of Practical pH Measurement (Kelly Sweazea)	1:00 - 2:00	Hands-on Exercise 3: IC
9:15 - 10:00	Hands-on Exercise 1: pH	2:00 - 2:15	Break
10:00 - 10:15	Break	2:15 - 2:45	Discrete Analyzers: the Basics (Doug Tate)
10:15 - 10:45	Spectrophotometry 101 (Kelly Sweazea)	2:45 - 3:30	Hands-on Exercise 4: Discrete Analyzers
10:45 - 11:45	Hands-on Exercise 2: Spectrophotometry	3:30 - 3:45	Final questions and Conclusion
11:45 - 12:30	Lunch	3:45	Certificates awarded for 6 contact hours for Drinking Water and/or Wastewater certification

2015 Remote Lab Tech Day

August 25 in Charlotte

8:00- 8:30	Registration & Welcome	12:00 - 1:00	Lunch
8:30 - 9:00	Lead and Copper Audit Christyn Fertenbaugh, NC Public Water Supply	1:00 - 2:00	Instrumentation Demo - THM Analyzer Demo Andrew Cornick & IC Instrument Demo / TBA
9:00 - 9:45	Biological Nutrient Removal Brandon Garner, Pender County & Mike Wiseman, City of Asheboro	2:00 - 2:45	Toxicity Issues Speaker TBA
9:45 - 10:30	Pharmaceutical & Industrial Chemicals in Water and Wastewater Speaker TBA	2:45 - 3:00	Break
10:30 - 10:45	Break	3:00 - 4:00	Cryptosporidium & LT2 Rule Gina Kimble, City of Charlotte & Tiffanie Hawley, City of Wilmington
10:45 - 12:00	Quality Control Discussion Panel Greg Kearns, City of Raleigh & David Livingston, NC DENR	4:00	Certificates awarded for 6 contact hours for Drinking Water and/or Wastewater certification

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Getting in Touch with Your Chemical Side

October 13, 2015 in Statesville and December 17, 2015 in Dunn

8:00 - 8:30	Registration & Welcome	11:45 - 12:45	Lunch Provided on Site
8:30 - 8:45	Regulatory Update	12:45 - 2:15	Feeding and Storing Your Chlorine Safely
8:45 - 9:30	Working with your chemical supplier to tailor to your needs	2:15 - 2:30	Break
9:30 - 10:15	The importance of proper bulk chemical scheduling	2:30 - 3:15	Picking Your Polymer - Finding the polymer that works best for you
10:15 - 10:30	Break	3:15 - 4:00	Chemicals + Optimization = Savings
10:30 - 11:45	Caustic Storage and Safety	4:00	6 Contact hours for all DRINKING WATER and WASTEWATER certifications

Distribution, Collection and O&M

October 20, 2014 in Greensboro

8:00 - 8:30	Registration & Announcements	1:00 - 1:30	OSHA for Collection/Distribution, HDR
8:30 - 9:15	Regulations for Distribution and Collection NCDENR	1:30 - 2:15	Water Distribution O&M/Optimization, CDM Smith
9:15 - 10:10	Maintenance, Dell Harney, Greensboro	2:15 - 2:30	Break
10:10 - 10:25	Break	2:30 - 3:15	Asset Management, CDM Smith
10:25 - 10:55	Pipeline Assessment & Rehab, CDM Smith	3:15 - 3:45	IDSE Case Study
10:55 - 11:25	Collection Corrosion Control, HDR	3:45 - 4:00	Group Q&A, All
11:25 - 12:00	Modeling of Distribution Systems, H&S	4:00	6 Contact hours for all DRINKING WATER and WASTEWATER certifications
12:00 - 1:00	Lunch (provided)		

Additional NCWOA Sponsored Training

Short Water Bacteriology Class
February 17-19, 2015
Contact Michelle,
(919) 807-8751

C-Level Math Review
February 17, 2015
in Carthage
Contact JD Monroe,
(910) 947-5784

A & B Math Review
February 18, 2015
in Carthage
Contact JD Monroe,
(910) 947-5784

NCWOA Spring School
March 23-27, 2015
Morganton, NC

Process Control Chemistry
March 3-6, 2015
Contact Michelle,
(919) 807-8751

Lab Tech Day
May 5, 2015
Raleigh, NC

See May issue for more 2015 training events.



North Carolina Waterworks Operators Association

SEMINAR REGISTRATION FORM

Deadline for entry is receipt at least 4 business days before a seminar.

Space is limited - First Paid, First Accepted



Please Print or Type

NAME (First, MI, Last): _____ Nickname (For Tag) _____

SOCIAL SECURITY # (last 4 digits): XXX-XX-_____ EMPLOYER: _____

MAILING ADDRESS _____

CITY: _____ COUNTY: _____ STATE: _____ ZIP: _____

WORK PHONE: _____ Ext: _____ FAX: _____

EMAIL ADDRESS: _____

NC WATER TREATMENT CERTIFICATE # (OPERATOR ID #): _____ NCWOA MEMBER # : _____

NC WATER TREATMENT CERTIFICATE TYPE: ☐ AS ☐ BS ☐ CS ☐ AW ☐ BW ☐ CW ☐ DW ☐ AD ☐ BD ☐ CD ☐ DD ☐ CC/BF ☐ None

NC WASTEWATER CERTIFICATION # (OPERATOR ID #): _____ (Applies only to seminars indicated with a ^)

NCWOA MEMBER PRICE IS \$60.00 (Must put your INDIVIDUAL NCWOA membership number on the line above to qualify)

NON-MEMBER PRICE IS \$90.00 (* Free 2015 NCWOA membership included in this price.)

*Very Small Groundwater Systems Seminar for Drinking Water Operators March 3, 2015 in Wilmington	Cost \$ _____
*Grab it Right: What You Need to Know About Sampling & Reporting - April 7, 2015 in Canton	Cost \$ _____
*^Completing the Cycle Series - April 23, 2015 in Fayetteville	Cost \$ _____
*Very Small Groundwater Systems Seminar for Drinking Water Operators, June 4, 2015 in Shelby	Cost \$ _____

Registration information for future seminars will be available in the May issue of Go With the Flow.

Please make checks payable to "NCWOA" or "North Carolina Waterworks Operators Association". We do NOT accept Purchase Orders. Credit Card payments may be mailed, faxed, or scanned but NOT called in. A confirmation letter/receipt and map will be mailed to each attendee once full payment is received.

REFUNDS: We will issue a refund (minus a \$20 administrative fee), if the refund is requested, in writing, at least 7 business days prior to the event. Refunds will be made in the same manner as payment. Substitutions may be made. Please inform us, as soon as possible, of substitutions so that the appropriate certificates of attendance may be generated.

CONTACT HOUR INFORMATION: Each of the seminars are worth 6 contact hours and have been PRE-APPROVED by the NCWTFO Certification Board for Water Treatment Facility Operators continuing education hours. "Completing the Cycle", "Remote Lab Tech Day", and "Maintenance Seminar" have also been pre-approved by the Wastewater Commission for 6 hours.

CREDIT CARD PAYMENT

Credit Card Type: ☐ Visa ☐ MC ☐ AmEx ☐ Discover

Name on Credit Card: _____

Credit Card Number: _____

Exp Date: Month _____ Year _____ Security Code from back of Card _____

Cardholder's Signature: _____

If cardholder is other than attendee, what email address should the CC receipt be sent to? _____

To ensure that you receive the emailed receipt, please add cindy@ncwoa.com to your email address book.

PLEASE SEND APPLICATION AND PAYMENT TO:

Cindy Gall, NCWOA Administrator
PO Box 4519
Emerald Isle, NC 28594
Phone: 252-764-2094
Fax: 252-764-2095
Email: cindy@ncwoa.com

.....
: Credit Card Payment :
: Cannot be Processed :
: Over the Phone :
:

NCWOA USE: Amount: _____ CK# _____ E S Processed: _____

North Carolina Waterworks Operators Association

MEMBERSHIP APPLICATION

MISSION STATEMENT: To provide knowledge, skills & educational opportunities for drinking water professionals; develop working relationships with other water treatment organizations; project a positive image and communicate the importance of safe drinking water.



Membership Application

NEW OR RENEWAL MEMBERSHIP APPLICATION – ANNUAL DUES ARE \$25.00 FOR 2015

First Name: _____ Middle Initial: _____ Last Name: _____

Nickname: _____ Social Security # (last 4 digits): xxx-xx-_____ If Renewal, what is your NCWOA Member #: _____

YOUR Individual Operator Certification #: (Issued by NCWTFOCB) _____

Certificate(s) Held:

____ A-Surface ____ B-Surface ____ C-Surface ____ A-Well ____ B-Well ____ C-Well ____ D-Well

____ A-Dist ____ B-Dist ____ C-Dist ____ D-Dist ____ Cross-Connection

____ None Yet ____ You are not an Operator & do not plan to become Certified.

PLEASE SELECT YOUR PREFERRED ADDRESS (This is where confirmations & membership info will be sent.)

____ Home Address: _____

City: _____ State _____ Zip _____ County: _____

____ Employer Name: _____

MAILING Address: _____

City: _____ State _____ Zip _____ County: _____

Work Phone : _____ Ext: _____ Fax: _____

Home Phone: _____ Cell Phone: _____

Email Address: _____

How would you like to receive your issues of Go With The Flow? Postal Delivery _____ OR Email _____

How would you like to receive your Section Meeting notices? Postal Delivery _____ OR Email _____

NOTE: Memberships are based upon a calendar year. Membership cards will be mailed with receipt. These cards will contain your name, membership number, and membership expiration date.

NOTE: Please make checks payable to: "North Carolina Waterworks Operators Association" or "NCWOA". We do NOT accept Purchase Orders.

CREDIT CARD PAYMENT

Credit Card Type: ____ Visa ____ MC ____ AmEx ____ Discover

Name on Credit Card: _____

Credit Card Number: _____

Exp Date: Month _____ Year _____ Security Code from back of Card _____

Cardholder's Signature: _____

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To ensure that you receive the emailed receipt, please add cindy@ncwoa.com to your email address book.

NCWOA USE: Amount: _____ CK# _____ E S Processed: _____

Committee Members

2013-2014

Executive Committee

President

Chris Smith
Fayetteville Public Works
Phone: (910) 223-4708
Email: chris.smith@faypwc.com

First Vice-President

Julius Patrick
Greenville Utilities
Phone: (252) 551-1561
Email: patricje@guc.com

Second Vice-President

Jeff Isley
City of Concord
Phone: (704) 920-5723
Email: isleyj@concordnc.gov

Secretary

Michelle Clements
The East Group
Phone: (252) 758-3746 x 131
Email: michelle.clements@eastgroup.com

Treasurer

Ken Loflin
OWASA
Phone: (919) 537-4232
Email: kloflin@owasa.org

Past President

Randy Hawkins
City of Charlotte – Franklin WTP
Phone: (704) 948-6954 x 224
Email: rhawkins@ci.charlotte.nc.us

Chair – Board of Examiners

Carlton Smith
PWS – FRO
Phone: (910) 433-3300
Email: carlton.smith@ncdenr.gov

Chair - Public Image

Kathy Gatlin
Univar
Phone: (704) 996-7825
Email: kathy.gatlin@univarusa.com

Chair – Nomination Committee

Leslie Carreiro
City of Asheville – North Fork WTP
Phone: (828) 271-6105
Email: lcarreiro@ashevillenc.gov

Chair – Western Section

Sam Molinas
Broad River Water Authority
Phone: (828) 286-0731
Email: smolinas@ncbrwa.com

Chair – North Piedmont Section

Steve Pope
Piedmont Triad Regional Water Authority
Phone: (336) 382-2373
Email: spope@ptrwa.org

Chair – South Piedmont Section

Paul Judge
PWS - MRO
Phone: (704) 235-2123
Email: paul.judge@ncdenr.gov

Chair – Southeast Section

James Merritt
Phone: 910-223-4710 x 4230
james.merritt@faypwc.com

Chair – Northeast Section

Pat Irwin
Currituck County
Phone: (252) 232-6061
Email: pat.irwin@currituckcountync.gov

Distribution Officer

TBA

Finance Committee

Board Director: Randy Hawkins

Ricky Langley (Chair)
Randy Hawkins
Chris Smith
Ken Loflin
Julius Patrick
Jeff Isley

Professional Development Committees

Board Director: Julius Patrick

Seminars

Julia Cavalier (Co-Chair)
Christyn Fertenbaugh (Co-Chair)
Carlton Smith (Small Systems Track)
Diane Williams
Tim Bishop
Gary Visser
Vance Brooks
Tony Mencome
Pam Moss

Allan O'Briant
Dail Booth
Lee Latham
Vinod Korategere
Brian Wilson
Carl Scharfe

Annual Schools

Sandra Bradshaw (Co-Chair)
Mark Hahn (Co-Chair)
Lee Kiser
Chris Smith

Lab Analyst

Chris Goforth (Co-Chair)
Bernadine Wardlaw (Co-Chair)
Tiffanie Hawley (Co-Chair)
Jeff Isley
Sandra Bradshaw
Patricia Quinichett
Cindy Gall
Dustin Guyer
Chris Johnson
Steve Beale
Jesse Chadwick
Gina Kimble
Chris Johnson

Elizabeth Meyer

Board of Examiners

Carlton Smith (Chair)
Ricky Langley
Julius Patrick
Victor Quick
Heather Adams
Adam Waters
Mark Hahn
Chris Smith
Jay Van Hoose
Rani Holland
Tommy Overby
Randy Hawkins
Jeff Carlisle
Ken Loflin
Dail Booth
Paul Judge
Pat Irwin

Public Image Committees

Board Director: Kathy Gatlin

Member Services

Pam Gibbons (Co-Chair)
Bessy Farmber (Co-Chair)
Frank Efird
Ricky Langley
Julius Patrick
Kristin Lee
Steve Pope
Tom Boyd
Sam Molinas
Pat Irwin
Paul Judge
James Merritt
David Tawes
Rebecca Sadowsky
Victor Quick
Mike Bell
Kay Willis
Gary Davenport
Michael Mull
Paul Hamrick

Operator of the Year Award

Randy Hawkins (Chair)
PWS Representative - Joey White
Mark Townsend

Leadership Committees

Board Director: Jeff Isley

Nominating

Leslie Carreiro (Chair)
Sam Molinas
Pat Irwin
Paul Judge
James Merritt
Steve Pope

Rules

Tommy Overby (Chair)
Mack Edmisten
James Fuller
Ricky Langley
Jay Van Hoose
Marty Wilson

Section Meetings

If your facility would be interested in hosting any of these meetings, please contact your section chair listed above. To see who you have been missing at the section meetings, check out the section meeting button on our website at www.ncwoa.com!

Northeast	Southeast	North Piedmont	South Piedmont	Western
2/12/15	1/22/15: Wilmington	2/19/15: High Point	3/19/15	3/5/15
4/9/15	4/30/15	5/21/15	6/18/15	5/19/15
6/11/15	8/11/15	8/20/15	8/6/15	7/9/15
8/13/15	10/7/15	10/21/15	10/22/15	10/1/15
10/8/15				
12/10/15				

Cindy Gall, Administrator
N.C. Waterworks Operators Association
PO Box 4519
Emerald Isle, NC 28594

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Important Phone Numbers & Websites

Main Phone # for Certification Board	919-707-9040	www.ncwater.org/?page=61
Jessica Godreau, PWS Section Chief	919-707-9078	
Linda Raynor, Compliance Services Branch	919-707-9095	
Robert Midgett, Operation Branch	919-707-9088	
Jay Frick, PWS – Protection & Enforcement Branch	919-707-9102	
Bethany Goodwin, PWS – Consumer Confidence Reports	919-707-9079	
Public Water Supply Offices:		www.deh.enr.state.nc.us/pws
<i>Central Office</i>	919-707-9100	
<i>Asheville</i>	828-296-4500	
<i>Mooresville</i>	704-663-1699	
<i>Winston-Salem</i>	336-776-9800	
<i>Raleigh</i>	919-791-4200	
<i>Fayetteville</i>	910-433-3300	
<i>Washington</i>	252-946-6481	
<i>Wilmington</i>	910-796-7215	
NC State Laboratory of Public Health	919-733-7308	
SDWA Hotline	800-426-4791	
EPA SDWA Website		www.epa.gov/safewater
EPA Microbial & DBP Data from Drinking Water Systems Website		www.epa.gov/enviro/html/icr
NC Waterworks Operators Association (NCWOA)	252-764-2094	www.ncwoa.com email: cindy@ncwoa.com
NC Rural Water Association	336-731-6963	www.ncrwa.com
NC AWWA-WEA	919-784-9030	www.ncsafewater.org

