



North Carolina Waterworks
Operators Association

GO WITH THE FLOW

Training Tomorrow's Water Professionals Today

April 2017
Volume 20, Number 2

Operator's Spotlight

*A Conversation with
Charlie Colie*

Charlie Colie has been with the Neuse Regional Water and Sewer Authority for the last eight years and unlike most water industry professionals this was his intended plan. He said after his education he was not sure if he would end up on the water side or the sewer side of the industry.

"I took a two year program at Lenoir Community College because I really didn't want to leave home to go to a 4-year school," he says. "I received an associate's degree in environmental science with a concentration in water resources management."

Colie took a job on the water side with Neuse Regional as a water trainee and has worked his way to superintendent during these eight years. Colie says he really loves his job and the 14 employees he is in charge of. He has nine operators, a chemist, three maintenance employees, and an assistant superintendent. Colie explains that Neuse Regional is a wholesaler of water to eight member entities.

"We sell to Kinston, Deep Run, Pink Hill, North Lenoir, Ayden, Grifton, Bell Arthur, and Eastern Pines," Colie says. "They own us by getting together to



build Neuse Regional which gives us a customer base just shy of 100,000."

Last October Hurricane Matthew slammed into North Carolina and it had substantial impacts on Neuse Regional. Colie says the system is getting ready to closeout with FEMA and is getting back to normal. Colie and his staff worked round the clock for about a week straight maintaining the system.

"We lacked about a foot of our intake going under water," he said. "We were a foot above our 500 year flood plain and had to go by boat every day to our intake. We had about 7-8 people that stayed here at the plant for about a week straight just trying to keep the intake going the whole time. We never shutdown and kept things going pretty good."

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.

Check out our website!

www.ncwoa.com

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Colie said they had about four days to prepare for the storm which was a big help in keeping things running.

When he is not attending to the water business, Colie is hunting deer and fox. He says that is his passion and loves to mess with his dogs every weekend he can in the woods. He says if he's not hunting, he is spending time with his wife

and tight-knit family, another reason Colie stayed so close to home.

"My dad passed when I was 17 and I didn't want to leave my mama," he said. "I wanted to stay close and I took a shot in the dark and thought I would try this water thing and I really liked it."

Colie's plans for later in life are very simple: stay healthy so he can continue

to hunt and take his wife to Yellowstone. He has quite awhile to go before retirement so until then he is happy to work for Neuse Regional and says he will continue to work for the best tasting water, an award he has won from NC AWWA-WEA for the last three years.

Operator's Spotlight

A Conversation with Roger Massey

Roger Massey, Senior Construction Inspector for the water engineering department with the City of Asheville says that if you have to work a job for 40 or 50 years that you best make sure you like it. He is currently in his sixteenth year with the City of Asheville and plans on sticking around right through to retirement. He has worked his way up through the ranks as senior inspector, starting out as a pipe fitter on the city's maintenance crew.

"I moved up to crew leader from there and then transferred over to the engineering department," he says. "Been here for the last eight years."

Massey is currently overseeing several capital improvement projects on the water system that will last the next 12-14 months. He says it's his job to take over these neighborhood enhancement projects after the pre-construction meeting and see them through to completion.

"We have several of these enhancement projects going on in Asheville this summer," says Massey. "A couple of the projects include over 20,000 feet of water main replacement, another is 11,000 feet, and all the meters in the neighborhoods. We will install waterlines, do pressure testing, chlorination, and troubleshooting with customer service being a big part of our job because we have to go in and make everybody understand what we are doing and why we have two or three streets tore up."

Massey says that there are three other inspectors that work with him on these projects for the city. The City of Asheville serves about 97,000 customers which includes all of the city limits and the majority of Buncombe County. Massey says there are a few small towns, like



Black Mountain, that is not served by the city.

When Massey is not inspecting, he is preaching the gospel in a small country Baptist church in Madison County, Marshall Community Baptist Church. He says when he was 19 he was led to the church and just feels that's where the Lord wanted him to be.

"Started out preaching revivals and filling in for preachers when they were sick," says Massey. "I preached two revivals at Marshall and when their

preacher left them, they felt like I was the man they needed and I have been there 12 years now."

Massey is married and has three children. He says his son just finished a program at the community college for heavy diesel and marine mechanics and that his 16-year-old daughter is getting ready to get her driver's license. Massey's youngest is nine. He says when and if there is such a thing as retirement from the water industry, he and his wife have talked about taking some trips. He says he would really like to see the Grand Canyon.

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Operator's Spotlight

A Conversation with Steve Pope

Steve Pope is a big kidder. He loves picking and not being so serious all the time, but when it comes to the water industry and his job as Water Systems Manager, he takes great pride in his job and his hardworking employees. He has been in the water industry for 25 years, starting out as an operator in Denton.

"I got laid off and my neighbor was a city councilman for Denton and he told me they were getting ready to hire operators up there," said Pope. "I just found out when I got laid off that I had a little girl on the way and we had just bought a house, so my only plan was to make money to feed my child."

Pope came from the clothing industry and says he just fit right in to place at Denton. Denton was a small plant and Greensboro had an opening for a night operator so he applied and was hired on. From Greensboro he made the move over to Randleman where a new plant was being built. He has worked his way up through the ranks over the span of his career and gives a lot of credit to good mentors.

"I was in Denton 12 years, Greensboro for 8 and then came down here to build a water plant, and that only happens once in a lifetime," Pope said. "I loved Denton and Greensboro and was very fortunate to have great people mentor me. I hated leaving Greensboro and Denton. I have been very fortunate to see a very small system, a large system, and now I am kind of in between."

Piedmont Triad Water Authority is a wholesaler of water to Greensboro, High Point, Randleman, Archdale, Jamestown, and Randolph County. It pushes 14.7 mgd per day and serves roughly a half a million customers. Pope says his main job as manager is to "put out any fires and be ready to take the blame when something messes up."

"The water is great because we have a membrane filtration system and once it goes through the system and the membranes, it's good water," he says. "We don't have to worry about our treatment process. I have some of the best people working with me. We manage the plant, are proactive on

maintenance, training, and I just make sure everybody is where they are supposed to be."

When Pope is not working, you can find him on a baseball diamond, or a softball diamond, a basketball court, volleyball court, or a football field. He has been officiating these high school sports for well over 30 years; a passion he got from his father.

"My father was an official, probably one of the best slow pitch softball umpires ever", Pope said. "I went with him one time to a little league game about 36 years ago and he put me out there and the rest is history. I've had three state championship games and numerous playoff games as well as umpiring American Legion baseball."

He has about five more years before he can retire and says he really has no plans. All he wants is to get people trained properly to take the reins when he leaves.

"Hopefully I can do whatever I want to do, but probably not," he laughs. "The bank is saying no. I would like to stay active in the industry. I am just trying to get the people here trained and I have some of the best operators in the business. They are very passionate like I am about the water, regulatory requirements, making sure everything is safe, and that we do training."

Pope says he just had a young man get his C certification.

"He's probably about 22 years old and I was whooping and hollerin' in the parking lot when he found out," said Pope. "I just don't know if the younger generation understands what it is to be a water plant operator. It's a hard job. It's like being a fireman, you ride around for 23 hours doing nothing and then one hour of chaos. It is a lot of pressure on them because the water is coming continuously, 7,000 gallons every minute and they have to stay on top of it. Plus, they have other duties like mowing. We are a large utility but we have a small utility mindset. We expect a lot out of our operators here and they rise to the occasion."

Pope is North Carolina Waterworks Operators Association's (NCWOA) North Piedmont Section Chair. He says NCWOA is an operator's organization.



He says the association provides necessary training and the training materials on the web site and gives the operators an opportunity to network.

"NCWOA is for the operators and it gives me a chance to talk with them to see how their plants are running and what they are using compared to us," Pope says. "We can mingle and interact with other operators, it has a training site they can utilize for training materials, schools, and a vast amount of knowledge there that younger operators can tap into."

Pope is very proud of his operators and realizes the hard work they put in, as well as, other operators throughout the state and country. He says they are no different than the police, military, firemen, and medical personnel. They have to be there whether it's a regular work day or Christmas day.

"Police do it, fire, military... operators do it to," he says. "The water is safe. We have millions of personnel making sure that water is safe. We have the best water in the world. You would never think not to drink the water anywhere in this country, but you go overseas. It is a credit to our industry and its professionals. Our operators are our water guardians."

thank

Mr. Mike Bell

For 34 years of
dedicated service
and leadership as
Northeast Section
Secretary



Mr. Tom Boyd

For your dedicated service
and leadership to systems
across the state. Wishing
you a happy retirement!

you

Field to Lab to Process Testing for Chlorine and Turbidity

This workshop is designed to teach proper analytical techniques for systems using chlorine for disinfection. Analytical technologies covered in the workshop will be colorimetry analysis for chlorine using the Pocket Colorimeter II, DR900 colorimeter, and DR1900 spectrophotometer for field and lab testing; and CL17 and CLT10 for process testing. Technology covered for turbidity will be 2100Q, TL23, and TU5200 for lab analysis, and 1720E and TU5400 for process testing.

Test parameters analyzed will be free chlorine, total chlorine, and turbidity. An ultra-low range chlorine procedure will be demonstrated with a DR1900 and a pour-thru cell. The course objectives will be met by presenting test theory, incorporating practical applications of analytical techniques with "hands-on" experience with test systems. Students are required to analyze water samples of known and unknown values. Attendees have the option to bring their own instrument to class.



8:00 - 8:30	Registration and Introduction	11:15 - 11:45	Process Analyzers for Chlorine Analysis CL17 CLT10
8:30 - 9:00	Basics of Colorimetry		
9:00 - 9:30	Introduction to Chlorine Monitoring Forms of chlorine, GLP, Sampling, Reagent Care, Interferences	11:45 - 12:15	Hands-on Lab (3) Verification of CL17 Process Instrumentation
9:30 - 10:00	Introduction to the Instrumentation Introduction to operations of lab instrumentation Procedure differences between HR, LR, ULR	12:15 - 1:00	Lunch
10:00 - 10:15	Break	1:00 - 1:30	Introduction to Turbidity Lab instrumentation
10:15 - 10:30	Hands-on Lab (1) Total chlorine test on unknown and comparison of results	1:30 - 2:00	Hands-on Lab (4) Lab instrumentation
10:30 - 11:15	Hands-on Lab (2) Verification of the Function of the Instrumentation Primary standard Chlorine standard vs permanganate Spike primary standard Secondary Standards Recall stored values	2:00 - 2:15	Break
		2:15 - 3:00	New EPA Turbidity Methods TU5 series Instrumentation
		3:00 - 3:30	Hands-on Lab (5) TU5 Series Lab and Process
		3:30 - 3:45	Final questions and Conclusion

**Hands-On
Training**

Registration form for Field to Lab to Process Testing for Chlorine and Turbidity

Please Print or Type – This class is worth 6 contact hours for DW &/or WW Certifications

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

SOCIAL SECURITY #: XXX-XX-_____ EMPLOYER: _____

MAILING ADDRESS _____

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

WORK PHONE: _____ Ext: _____ FAX: _____ EMAIL: _____

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

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

WASTEWATER CERTIFICATION # _____

Cost & Location - Place a check next to the seminar location where you would like to attend. Applications must be received by July 11.

Cost: \$180.00 Locations: ☐ July 25, 2017 – Randleman ☐ July 26, 2017 – Wilson

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 and by the Wastewater Commission for Wastewater continuing education 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.

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

PLEASE SEND APPLICATION AND PAYMENT TO:

Cindy Gall, NCWOA Comptroller
PO Box 4519, Emerald Isle, NC 28594
Phone: 252-764-2094 ext. 2 Fax: 252-764-2095
Email: cindy@ncwoa.com

NCWOA Seminars with Proposed Agendas

All NCWOA seminars listed on pages 6-7 are for 6.0 contact hours and are pre-approved by the NCWTFOCB for treatment and distribution operators. Some 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 contact hours. Please see each individual seminar agenda or description for details. Registration form is available on page 9. Seminar agendas and locations are tentative and may be subject to change.

Pumps & Distribution

April 13, 2017 in Mooresville

8:00 – 8:30	Registration & Welcome	12:45 – 1:30	Distribution Valve Maintenance
8:30 – 9:15	Pump Management & Pressure Strategies (Fixed Motors vs. VFDs)	1:30 – 2:15	Working with Your Fire Dept. to Manage Water Age
9:15 – 10:00	Selection & Maintenance of Pumps	2:15 – 2:30	Break
10:00 – 10:15	Break	2:30 – 3:15	Planning Distribution System Flushing
10:15 – 11:00	Regulatory Update from PWSS	3:15 – 4:00	Pressure Zone Management
11:00 – 11:45	Assessment of Plant & Source for Coliform	4:00	6 Contact hours for all DRINKING WATER certifications
11:45 – 12:45	Lunch Provided On-site		

Lab Tech Day

May 4, 2017 at the McKimmon Center in Raleigh

Exhibits, Drinking Water Program, Wastewater Program

Detailed information on our website at www.ncwoa.com

How To Upgrade Your System or Start a New One!

June 6, 2017 in Waynesville

8:00 – 8:30	Registration & Welcome	12:45 – 1:30	Finding Property for Plants & Wells
8:30 – 9:15	Rules & Regulation Update from PWSS	1:30 – 2:15	Do the Research! Well Locations and Depths
9:15 – 10:00	Permitting Process	2:15 – 2:30	Break
10:00 – 10:15	Break	2:30 – 3:15	Personnel Needed
10:15 – 11:00	Choosing the Right Treatment Techniques	3:15 – 4:00	Entity Structure and other Essentials
11:00 – 11:45	Engineering Design of the System	4:00	6 Contact hours for all DRINKING WATER certifications
11:45 – 12:45	Lunch Provided On-site		

Remote Lab Tech Day

June 28, 2017 in Carrboro (OWASA)

8:00 – 8:30	Registration & Welcome	12:45 – 1:30	Fecal Coliform – Collert 18
8:30 – 9:15	Lab Safety, Injuries and Illnesses	1:30 – 2:30	Tour: OWASA Facility
9:15 – 10:00	Metals – ICP-MS	2:30 – 2:45	Break
10:00 – 10:45	Upcoming UCMR 4	2:45 – 3:30	Lead and Copper Changes
10:45 – 11:00	Break	3:30 – 4:00	Optimize Plant Performance and Produce for the Best Water Quality
11:00 – 11:45	Jar Testing – Procedures & Demo		
11:45 – 12:45	Lunch Provided On-site	4:00	6 Contact hours for all DRINKING WATER and WASTEWATER certifications

For online seminar registration please check our website www.ncwoa.com

NCWOA Seminars with Proposed Agendas

All NCWOA seminars listed on pages 6-7 are for 6.0 contact hours and are pre-approved by the NCWTFOCB for treatment and distribution operators. Some 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 contact hours. Please see each individual seminar agenda or description for details. Registration form is available on page 9. Seminar agendas and locations are tentative and may be subject to change.

Water Quality Monitoring & Data Analysis from Source to Tap

August 3, 2017 in Eden and December 7, 2017 in Wilmington

8:00 - 8:30	Registration & Welcome	11:45 - 12:45	Lunch (provided on-site)
8:30 - 9:15	Source Water Issues: Groundwater & Surface Water (Typical issues, Chloride & Bromide, Iron & Sulfur Bacteria, Taste & Odor, Brain-eating Amoeba)	12:45 - 1:30	Source Water Monitoring - What's In My Raw Water?
9:15 - 10:00	Groundwater Treatment (Typical issues, Chloride, Bromide, TOC)	1:30 - 2:15	Treatment Plant = Lab & Process Monitoring Tools
10:00 - 10:15	Break	2:15 - 2:30	Break
10:15 - 11:00	Surface Water Treatment (Typical issues, Bromide, TOC, Corrosion Control)	2:30 - 3:15	Distribution System = Water Quality Monitoring
11:00 - 11:45	Distribution (HPC's, Tank Mixing, Flushing, Lead & Copper)	3:15 - 4:00	Turning Data into Knowledge - Reports, Optimization, & Troubleshooting
		4:00	6 Contact hours for all DRINKING WATER certifications

Pumps & Distribution

August 24, 2017 in Nags Head

8:00 - 8:30	Registration & Welcome	11:45 - 12:45	Lunch Provided On-site
8:30 - 9:15	Regulatory Update from PWSS	12:45 - 1:30	Distribution Valve Maintenance
9:15 - 9:45	Selection & Maintenance of Chemical Feed Pumps	1:30 - 2:15	Working with Your Fire Dept. to Manage Water Age
9:45 - 10:15	Maintenance of High Service Pumps	2:15 - 2:30	Break
10:15 - 10:30	Break	2:30 - 3:15	Planning Distribution System Flushing
10:30 - 11:00	Pump Manangement & Pressure Strategies (Fixed Motors vs. VFDs)	3:15 - 4:00	Pressure Zone Management
11:00 - 11:45	Assessment of Plant & Source for Coliform	4:00	6 Contact hours for all DRINKING WATER certifications

Fall Certification School

September 25-29, 2017 at the McKimmon Center in Raleigh

Brochures coming in July

For more information check our website at www.ncwoa.com

Water & Wastewater - Keeping it in the Pipes

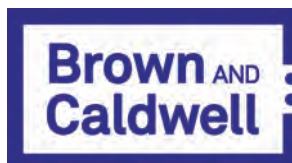
November 2, 2017 in Wilson

8:00 - 8:30	Registration & Welcome	12:45 - 1:45	Public Relations - Flushing, Fats, Oils, & Grease and other Customer Notifications
8:30 - 9:30	NC-811 Update & Law Changes	1:45 - 2:45	Valves Installation & Maintenance - Water Lines & Force Mains
9:30 - 10:30	Sewer Main & Water Main Repair	2:45 - 3:00	Break
10:30 - 10:45	Break	3:00 - 4:00	Safety in the Utility Field
10:45 - 11:45	Water & Wastewater Pump Maintenance & Repairs	4:00	6 Contact hours for all DRINKING WATER and WASTEWATER certifications
11:45 - 12:45	Lunch Provided On-site		

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Heather Cagle, NCWOA Administrator (252) 764-2094 ext. 1 Email: heather@ncwoa.com

or check our website at www.ncwoa.com

Additional NCWOA Sponsored Training

Bacteriological Methods Workshop
July 25-27, 2017
Contact Michelle Rufus, (919) 733-7186

Process Control
August 15-18, 2017
Contact Michelle Rufus, (919) 733-7186

Math Review
Contact JD Monroe, (910) 947-5784

NCWOA Fall School
Sept. 25-29, 2017 in Raleigh
A, B, & C Surface
A, B & C Well
Advanced Day, Sept. 27, 2017
Brochures coming in July

Lab Tech Day
May 4, 2017
Raleigh, NC
Detailed information on our website
(www.ncwoa.com)

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 \$70.00 (Must put your INDIVIDUAL NCWOA membership number on the line above to qualify)

NON-MEMBER PRICE IS \$100.00 (**Free 2017 NCWOA membership included in this price.) (+Free 2018 NCWOA membership included in this price.)

**Pumps & Distribution - April 13, 2017 in Mooresville	Cost \$ _____
**How to Upgrade Your System or Start A New One - June 6, 2017 in Waynesville	Cost \$ _____
**^Remote Lab Tech Day - June 28, 2017 in Carrboro	Cost \$ _____
**Water Quality Monitoring & Data Analysis from Source to Tap - August 3, 2017 in Eden	Cost \$ _____
**Pumps & Distribution - August 24, 2017 in Nags Head	Cost \$ _____
+^Water & Wastewater - Keeping it in the Pipes - November 2, 2017 in Wilson	Cost \$ _____
+Water Quality Monitoring & Data Analysis from Source to Tap - December 7, 2017 in Wilmington	Cost \$ _____

Registration information for future seminars will be available in the July 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 NCWTFW Certification Board for Water Treatment Facility Operators continuing education hours. All seminars marked with a "^" 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.

NCWOA USE: Amount: _____ CK# _____ E \$ Processed: _____

PLEASE SEND APPLICATION AND PAYMENT TO:

Cindy Gall, NCWOA Comptroller
PO Box 4519
Emerald Isle, NC 28594
Phone: 252-764-2094 ext. 2
Fax: 252-764-2095
Email: cindy@ncwoa.com

.....
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: :

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 2017

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

____ Wastewater #'s & certificate type

____ 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 "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

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.

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

PLEASE SEND APPLICATION AND PAYMENT TO:

Cindy Gall, NCWOA Comptroller
PO Box 4519
Emerald Isle, NC 28594
Phone: 252-764-2094 ext. 2
Fax: 252-764-2095
Email: cindy@ncwoa.com

.....
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Committee Members

2016-2017 Executive Committee

President

Julius Patrick
Greenville Utilities
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Chair – North Piedmont Section

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2016-2017 Committees

Finance Committee

Board Director: Chris Smith

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

Professional Development Committees

Board Director: Jeff Isley

Seminars

Christyn Fertenbaugh (Co-Chair)
Brad Whitman (Co-Chair)
Jeremy Godfrey (Dist.)
Dana Hill
Seola Hill
Pam Moss
Tim Bishop
Vance Brooks
Tony Mencome
Allan O'Briant
Dail Booth

Lee Latham

Dyk Luben
Julia Cavalier
Carl Scharfe

Annual Schools

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

Lab Analyst

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

Elizabeth Meyer
Michele Andrews
David Livingston

Board of Examiners

Pat Irwin (Chair)
Ricky Langley
Julius Patrick
Heather Adams
Adam Waters
Mark Hahn
Chris Smith
Jay Van Hoose
Rani Holland
Tommy Overby
Randy Hawkins
Jeff Carlisle
Ken Loflin
Dail Booth
Yama Jones
Patty Hall
Janet Mills

Public Image Committees

Board Director: Leslie Carreiro

Member Services

Kathy Gattlin (Chair)
Pam Gibbons
Bessy Farmber
Julius Patrick
Steve Pope
Tom Boyd
Sam Molinas
Tena Mullis
Frank Efird
Mike Bell
Ray McCall
Ken Loflin
Jeremy Godfrey
Mike Houston
Chad Flanagan

Operator of the Year

Award
Chris Smith (Chair)
PWS Representative - Joey White
Randy Hawkins

Leadership Committees

Board Director: Ken Loflin

Nominating

Sam Molinas (Chair)
Mike Houston
Tena Mullis
Frank Efird
Steve Pope
Ray McCall

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
4/13/17 - Nash County	4/20/17	5/11/17	6/22/17	5/23/17 - Morganton
6/8/17 - West Carteret	8/9/17	8/16/17	8/30/17	8/23/17 - Weaverville
8/10/17 - Elizabeth City	10/11/17	10/19/17	10/18/17	10/25/17 - Spruce Pine
10/12/17				

Heather Cagle, Administrator
N.C. Waterworks Operators Association
PO Box 4519
Emerald Isle, NC 28594
www.ncwoa.com

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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 Midgette, 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: heather@ncwoa.com
NC Rural Water Association	336-731-6963	www.ncrwa.com
NC AWWA-WEA	919-784-9030	www.ncsafewater.org

