



North Carolina Waterworks Operators Association

GO WITH THE FLOW

Training Tomorrow's Water Professionals Today

October 2016
Volume 19, Number 4

Operator's Spotlight

A Conversation with Christy Lipscomb

Kerr Lake Regional WTP partners with three systems: City of Oxford, City of Henderson and Warren County. Christy Lipscomb, Director at Kerr Lake Regional, has served in this position since 2005 and says her plant averages 7 million gallons per day with approximately 57,000 total customers.

Lipscomb oversees plant operations along with the lab, maintenance, building the budget for the plant, and is currently the operator in charge for the City of Henderson, the controlling partner.

"I do just about anything that needs to be done down here to be honest," she laughs. "I am a jack of all trades and master of none."

Lipscomb has a staff of 13 to help her maintain Kerr Lake Regional. She says she has a really good group of people that have landed Kerr Lake "Best Tasting Water" for two years.

"We have won those awards a couple of years and took second place one year," she says. "These guys do a great job and I would like to see them get more recognition. I am proud to say that I have a great group down here."

When Lipscomb is not working her day job at Kerr Lake Regional, she

holds down the fort as part time chief operator for Clarksville, Virginia. She followed her dad into the water business where he served as public works director for Clarksville.



"Clarksville is kind of like an early morning shift, Saturday and Sunday," says Lipscomb. "There was an opening at the water plant. I had been in industry jobs and customer service. My dad asked if I would be interested and have been doing it ever since."

Being that Clarksville is so close to North Carolina, Lipscomb decided to take a look at working in the water industry in North Carolina. She says her dad knew the chief operator at the time for the City of Henderson so she placed a call.

"I called down here just on a whim to see what it would take to get licensed in North Carolina," she says. "Come to find out, someone had put their notice in that day, right before lunch and I got an interview."

Lipscomb says it took a little getting used to trying to get licensed in North Carolina. For the most part the two states are the same, but there are some differences in the laws and regulations.

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

Inside This Issue ...

Operator's Spotlight: Christy Lipscomb	1-2
Operator's Spotlight: Paul Valenti	3
A Test of Time: Fontana Water System	4-5
NCWOA Seminars	6-7
Sponsors	8
Additional NCWOA Sponsored Events	8
Seminar Registration Form	9
Membership Application	10
Board & Committee Members	11
Section Meetings	11
Important Phone Numbers	12

"Virginia follows the EPA guidelines and North Carolina is a little stricter," she says. "If you follow EPA you're usually good to go. It's interesting to see because the training in Virginia is totally different than North Carolina. North Carolina has training broken down into different segments: surface water, well water; in Virginia all of it is considered one license so that was a little different."

Lipscomb really likes working in the water industry and says she does not mind getting up in the morning to go to work. She commends her boss at the City of Henderson because he understands the importance and value of training for her staff. She says the North Carolina Waterworks Operators Association (NCWOA) has been so effective in helping her staff get trained and affording them their crucial continuing education.

"The more we know, the better off the system is," she says. "That's what a lot of directors and upper management:

city managers, assistant city managers, don't seem to realize that going to schools, classes and conferences gives you that networking ability so that if you have a problem somebody else has already encountered you can get their feedback and what they did in that situation."

She says every time she has called NCWOA there has never been a question it could not answer and the opportunity it provides at its schools gives you a hands-on opportunity to go look at new industry products so you can learn how it works, why it works.

Lipscomb has 11 years left at Clarksville and 13 years at the City of Henderson before she can retire. Her greatest joy in life is being a first-time grandma.

"First grandbaby is almost 3 months old," she boldly says. "I spend most of my available time with my grandbaby."

Lipscomb has always wanted to move to Montana but with this new

grandbaby in her life one would think that could change her plans, but not exactly!

"I have that licked," she laughs. "I told my daughter I was going to take my grandbaby with me."

When asked why she wants to move to Montana she is quick to say because it is quiet and peaceful.

"I always joked and told my girls that I was going to move where it took 7 days to get overnight mail!"

Mike Richardson Joins the NCWOA Team

Mike Richardson came on board in September as the Education Specialist. As the Education Specialist, Mike will support the seminars and annual schools committees in addition to planning and implementing new training opportunities.

Mike is no stranger to NCWOA. He has been an active volunteer serving on numerous committees including annual schools committee, seminars committee, Board of Examiners, public relations, nominating, finance, and contract committees. He also served on the Executive Committee as the Southeast section chair, North Piedmont section chair and NCWOA President (93-95).

Mike brings a wealth of knowledge to NCWOA. He has worked in the water industry for over four decades holding positions at several water systems as an operator, chief operator, and superintendent. Most recently he was the Water Resource Manager at Cape Fear Public Utility Authority where he retired September 30th.

Help us welcome Mike to the NCWOA family when you see him at a NCWOA event in the future!

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Operator's Spotlight

A Conversation with Paul Valenti

Paul Valenti was born and raised in Lumberton, NC, and has served the City of Lumberton for 40 years. He started his municipal career as a mechanic, working on heavy equipment and police cars. He was asked to get his certification to be a backup operator, but he had no interest in working on the treatment side. He was geared for mechanical and electrical work and held several diplomas in this field. After 24 years he was asked to take the chief operator position, which he did after a lot of consideration, and has been the city's Chief Operator in Charge for 16 years. Valenti says he was offered the job because of his mechanical and electrical experience. He knew how to take the plant apart mechanically and electrically and put it all back together again.

As chief operator, he is more of a paper and pencil pusher, making sure all the T's are crossed and I's are dotted.

"I work for the city but answer to the state," he says. "It is my job to ensure that reports are completed, that

the plant stays in compliance with regulations, the plant has enough staff, chemicals are ordered, and the plant is functional and running. If my reports are wrong or falsified, the state holds me responsible."

In 1992, the City of Lumberton opened a new water treatment plant that could treat 16 million gallons of water per day. The old plant could only do 8 million and could not meet demand. At the time this new plant came online, the City of Lumberton had high water use from the textile industry. As these industries began to make an exodus out of the United States in the '90s, Lumberton saw a huge drop in water consumption and Valenti says it has caused some problems.

"We treat 5 to 6 million gallons of water a day for 22,000 customers," he says. "When you have a massive plant running slow, it makes it hard on these big plants. We have had to retrofit a lot of equipment to run at a much lower capacity."

When Valenti took the reigns as chief operator, the water plant was costing the city a lot of money for chemicals and sludge removal. Each year the price tag for these two combined was \$350,000. Valenti says the plant was not running efficiently, using too many chemicals it did not need, creating sludge byproduct, and wreaking havoc on state compliance.

"It was a sinking ship," he says. "Feeding chemicals they didn't need, not running tests, and not utilizing some of the resources we had. We have a lot of wells here on-site that have alkalinity. Instead of feeding all these chemicals, I used the natural characteristics of these wells to supplement the chemicals we had been using. The other problem was water quality and optimizing water quality which led to compliance problems."

During Valenti's tenure the cost of chemicals has dropped from \$250,000 per year to \$100,000. He says the plant has not hauled sludge in

6 years and meets compliance with no problems now.

In his down time, Valenti is an amateur archaeologist. He loves to dig for fossils, something his brother got him interested in when he was boy. He says they would go down to the river and dig for small fossils. Valenti found a Chip-and-burn canoe built around 950 A.D. on one of his scuba diving excursions in the Lumbee River. It is currently on exhibit in the Museum of the Southeast American Indian at the University of North Carolina



at Pembroke, in Robeson County. He has also found several Megalodon teeth from the Miocene Era that are also on exhibit in smaller museums around Robeson County.

Valenti has no retirement plans. He says that's why he is still working after 40 years. He encourages young people to take a serious look at the water industry and working with a municipality.

"A lot of opportunity if you apply yourself," he says. "It's a good retirement and a good challenging career."



Paul circa 1975/1976



A Test of Time: Fontana Water System

By: Ray McCall and Don Price



The Fontana water system was originally built in the early 1940s to supply a village of over 1000 workers and their families during the time the Fontana Dam was being constructed. These working families lived just above the dam construction site in an area called Welch Cove of Graham County, North Carolina. The village had a school, hospital, cafeteria, laundry, recreation facility as well as many cabins to house those that came to work on building the dam.

The water treatment plant constructed at the same time was an important part of the mission to complete a hydroelectric power facility needed to supply power to the Alcoa Aluminum Company and the Oakridge Research Facility in Tennessee. Both of these entities were vital to the upcoming WWII effort; aluminum to build airplanes and lots of electricity to power the powerful research machines that would split the nuclear atom. Also, the workers needed a safe and reliable water source. It is interesting to note that the source water to this plant has never exceeded 1 NTU and the plant has never had a major quality violation coming from the plant. Water has been pumped to the system continuously for almost 80 years.

When constructed, the Fontana .5 MGD water plant was one of several that the TVA built at all the new dam locations in the Appalachian Mountains and in the Tennessee Valley. What made these water plants unusual was that all of the main components were made of wood including the flocculators, sedimentation basins, filters and clearwells. Odd for the time, all of the water distribution tanks were made of wood also. At the Fontana site all of the original four (4) water tanks were constructed with Cyprus wood. Today only one of the original wooden tanks remain. It is called the intermediate tank and is used to store water for the main distribution booster pumping station that delivers water throughout the system. Fontana is the only wooden water plant that remains in TVA's projects.

Soon after the dam was completed the workers left, but the village remained as a popular R&R site for the many TVA employees and their guests. TVA continued to operate the village under the management of the federal Government Services, Inc. (GSA) and also accepted outside visitors and vacationers for a fee until the late 1980s and early 1990s.

Finally in the early 1990s TVA decided to stop operating a village resort and leased the property to a private hotel group called the Peppertree Corporation out of Asheville, North Carolina. Since that time the village has been known as the Fontana Village Resort (under several different owners) and has become a popular vacation destination for motor cycle groups, Mini Cooper and other car club enthusiasts, and other people who enjoy the great outdoors hiking the Appalachian Trail, boating and fishing on Fontana Lake, and all kinds of other outdoor recreational activities. The resort today

welcomes over 100,000 visitors per year and is a full amenity resort tucked away just under the reaches of the Great Smoky Mountains, the Joyce Kilmer National Forest and the famous "Tail of the Dragon" motorcycle road.

The water plant has endured time, but has slowly passed its useful life expectancy. In the early 1970s the wooden sedimentation basins and clearwell were replaced with concrete structures. The filters, which are still wooden, have had the media replaced several times; however, other than some minor repairs, not a lot of improvements have been made to the rest of the plant. Due to its age and condition and with the lack of repair parts available, a new project was approved in late 2015 to build a new modern water plant.

Construction began in early 2016 to build a new .5 MGD Microfloc process plant much like the plants in Andrews, Tuckaseegee, Bryson City, Mars Hill and Spruce Pine. The construction is being completed by T & B Contracting out of Tennessee and McGill & Associates Engineering has designed and is overseeing the new plant being built. Along with the plant, a new metal intermediate water storage tank will be built to replace the last wooden tank. A new SCADA system is planned to monitor and control the systems operation which will help to better observe tank levels. Currently the operators drive to all the tanks to get water level indication several times per day. Due to this practice and with the condition of the old wooden tank, the water system currently has a very large lost water condition.

In June of 2011, the Fontana area was incorporated as the Town of Fontana Dam and the town will own and operate the new water plant and all the other utilities serving the site. The Fontana Village Resort will continue to operate as a separate business and will become one of the town's customers. Currently the town has only some 35 permanent residences, and the TVA visitor's center; the bulk of water demand will come from the resort usage. During peak season and on holidays the population can grow to nearly 3,000 water users, especially during the summer months and major holidays. The new water plant will give the area some reliability and help all the parties to continue being a premier outdoor recreational community in Western North Carolina.

In the future, the town hopes to get the old water plant on the historical register and to find some funding to restore it as a museum. Certainly, it is the only remaining wooden water plant, at least east of the Mississippi. Should you wish to explore more about the history of the Fontana area and the new town, just Google it. The area and Fontana Village Resort is rich in beautiful natural resources and a treasure to Graham County and its people. A great place to visit, relax and get a good cool drink of water.



Fontana Filter



Intermediate Water Tank



Current Fontana WTP



Tim Green, ORC and
Don Price, NCDEQ



New Fontana Plant
Construction

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. 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.

Water Quality, Distribution, Collection and Operations & Maintenance

(in conjunction with the City of Greensboro)

October 18, 2016 in Greensboro (8:00am - 4:30pm)

8:00 - 8:25	Registration	1:05 - 1:25	Importance of Accurate Drawings - Danny Briggs - City of Greensboro
8:25 - 8:30	Welcome and Announcements - Steve Drew - Greensboro	1:25 - 1:55	Lead & Copper Corrosion Control Strategies - Michael Wang - Hazen
8:30 - 9:00	Bio-filtration - Pete D'Adamo - HDR	1:55 - 2:25	Coagulants in Water & Wastewater Treatment - Gary Iverson - Hazen
9:00 - 9:30	Source Water Management - Ben Wright - Hazen	2:25 - 2:40	Break
9:30 - 10:00	Active Shooter - Adam Dillon - East Coast Risk Management	2:40 - 3:00	Importance of Valve & Pipeline Maintenance - Darnetta Craig - Chester Engineers
10:00 - 10:15	Break	3:00 - 3:30	All You Want to Know About Bleach - Larry Oxford - Trinity Manufacturing
10:15 - 10:35	OSHA and Utilities - Matt Schweitzer - City of Greensboro	3:30 - 4:00	How to Build Citizen Confidence - Victor Simpson - Charlotte Water
10:35 - 11:05	Water Modeling to Help Plan for Mitchell WTP Outage - Meg Roberts - Hazen	4:00 - 4:30	Distribution System Surges & Possible Contamination - Crystal Broadbent - Hazen
11:05 - 11:35	Sewer Modeling Applications in Greensboro - Julie Taylor - Arcadis	4:30PM	Certificates awarded for 6 contact hours for Drinking Water Treatment, Distribution, Maintenance Technology and/or Wastewater certification
11:35 - 12:05	Residuals Removal for Water Treatment Plants - Bill Dowbiggin - CDM-Smith		
12:05 - 1:05	Lunch (provided on-site)		

Groundwater Seminar

November 3, 2016 in Hickory

8:00 - 8:30	Registration & Welcome	12:00 - 1:00	Lunch Provided On-site
8:30 - 9:00	Regulatory Update from PWSS	1:00 - 1:45	Chemical Feed Optimization
9:00 - 9:30	Sanitary Surveys - What to Expect & How to Prepare	1:45 - 2:30	Chemical Storage & Safety
9:30 - 10:00	pH Adjustment - When, Why, & How?	2:30 - 2:45	Break
10:00 - 10:15	Break	2:45 - 3:15	Drought Impacts & Water Conservation
10:15 - 11:00	Iron & Manganese Treatment Options	3:15 - 4:00	Water Quality - Field Analysis Methods
11:00 - 12:00	Well Design, Construction and Rehabilitation	4:00	6 Contact hours for all DRINKING WATER certifications

Groundwater Seminar

November 10, 2016 in Snow Hill

8:00 - 8:30	Registration & Welcome	12:15 - 1:15	Lunch Provided On-site
8:30 - 9:00	Regulatory Update from PWSS	1:15 - 2:15	Chemical Feed Pump Optimization
9:00 - 9:30	Central Coastal Plain Capacity Use Area	2:15 - 3:15	Chemical Safety
9:30 - 10:00	Sanitary Surveys	3:15 - 3:30	Break
10:00 - 10:15	Break	3:30 - 4:00	New Water Analyzing Methods
10:15 - 11:15	Reverse Osmosis Treatment/Aquifer Salt Water Intrusion	4:00	6 Contact hours for all DRINKING WATER certifications
11:15 - 12:15	Well Design and Rehabilitation		

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. 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.

Water Treatment Residuals Management: Proven Practices & Emerging Strategies

December 8, 2016 in Burlington

8:00 – 8:30	Registration & Welcome	1:15 – 1:45	Wastewater Rules Update
8:30 – 9:00	Rules Update from PWSS	1:45 – 2:15	Solids Hauling Costs & Permitting
9:00 – 9:45	Residuals from Coagulation, Flocculation, & Sedimentation: Optimizing Traditional Approaches	2:15 – 2:45	Dealing with Process Wastes from Reverse Osmosis Facilities
9:45 – 10:30	NPDES Permitting for Water Treatment Plants	2:45 – 3:00	Break
10:30 – 10:45	Break	3:00 – 3:30	Ion Exchange Residuals & Process Wastes
10:45 – 11:30	Mechanical Thickening & De-watering Techniques	3:30 – 4:00	Greensand Process Wastes
11:30 – 12:15	Field Experiences with Mechanical De-watering Treatment	4:00	6 Contact hours for all DRINKING WATER and WASTEWATER certifications
12:15 – 1:15	Lunch Provided On-site		

Upcoming Topics for 2017

locations and dates to be determined - registration available in January 2017

Advanced Day topics:

- Rules updates, lab certification rules, new EPA analysis methods/equipment
- Ethics
- Working with local governments
- Membrane technologies – log removal credits for surface water systems, treating brackish water, new technologies
- Emerging contaminants
- Risk assessment

New Systems topics:

- New wells/sources, new/expanding WTP, new ORC/manager/council/etc.
- Greenbook highlights and navigational guidance
- Funding options for new systems, financial considerations
- Planning for retiring employees and training new ones (being well rounded)

Pumps & Maintenance topics:

- Plant and distribution focus
- Maintenance and new technologies
- Condition Assessment

Distribution & Collections:

- Pressure Management
- Leak Detection
- Non-Revenue water
- Valves & Hydrants
- Rule changes
- Sewer Main repair

Water Quality Monitoring & Data Analysis from Source to Tap

- Source Water Issues: Groundwater and Surface Water
 - Typical Issues Encountered
 - Chloride and Bromide
 - Iron and Sulfur Bacteria in Groundwater
 - Taste and Odor
 - Brain-Eating Amoeba
- Groundwater Treatment
 - Typical Issues Encountered
 - Chloride
 - Bromide
 - TOC
- Surface Water Treatment
 - Typical Issues Encountered
 - Bromide
 - TOC
 - Corrosion Control
- Distribution
 - HPCs
 - Tank Mixing
 - Flushing
 - Lead and Copper
- Source Water Monitoring – What's In My Raw Water?
- Treatment Plant = Lab & Process Monitoring Tools
- Distribution System = Water Quality Monitoring
- Turning Data into Knowledge – Reports, Optimization, & Troubleshooting

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

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Leslie Carreiro, Public Image Committee (828) 271-6105 Email: lcarreiro@ashevillenc.gov

Kathy Gatlin Current, Public Image Committee (704) 996-7825 Email: Kathy.Current@univarusa.com

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

C-Level Math Review
October 18, 2016 in Carthage
Contact JD Monroe, (910) 947-5784

A & B Math Review
October 19, 2016 in Carthage
Contact JD Monroe, (910) 947-5784

NCWOA Spring School
March 27-31 2017 in Morganton
A, B, & C Surface
B & C Well
Advanced Day, March 29, 2017
Brochures coming in January

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: _____

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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.)

*^Water Quality, Distribution, Collection and O&M - October 18, 2016 in Greensboro Cost \$ _____

*Groundwater Seminar - November 3, 2016 in Hickory Cost \$ _____

*Groundwater Seminar - November 10, 2016 in Snow Hill Cost \$ _____

*^Water Treatment Residuals Management: Proven Practices & Emerging Strategies - Dec 8, 2016 in Burlington Cost \$ _____

Registration information for future seminars will be available in the January 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 NCWTFOW 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 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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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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: Over the Phone :
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Committee Members

2015-2016 Executive Committee

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Julius Patrick
Greenville Utilities
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First Vice-President

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Email: isleyj@concordnc.gov

Second-Vice President

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Leslie Carreiro
City of Asheville – North Fork WTP
Phone: (828) 271-6105
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Chair – Nomination Committee

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

Chair – Western Section

Ray McCall
Phone: (828) 577-3156
Email: ray@ncwoa.com

Chair – North Piedmont Section

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

Chair – South Piedmont Section

Tena Mullis
City of Concord
Phone: (704) 920-5163
Email: mullistm@concordnc.gov

Chair – Southeast Section

James Merritt
Fayetteville Public Works
Phone: (910) 223-4710 x 4230
Email: james.merritt@faypwc.com

Chair – Northeast Section

Mike Houston
Jones County
Phone: (252) 448-8000 ext. 310
Email: mhouston@jonescountync.gov

Distribution Officer

Jeremy Godfrey
City of Asheville
Phone: (828) 259-5991
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2015-2016 Committees

Finance Committee

Board Director: Randy Hawkins

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)
Dana Hill
Howard Corey
Diane Williams
Tim Bishop
Seola Hill
Vance Brooks
Tony Mencome
Pam Moss
Allan O'Briant

Dail Booth
Lee Latham
Mike Ping
Kenny Neal
Carl Scharfe
David Lutz
Julia Cavalier
Kelley Wilber
Dyk Luben
Jeremy Godfrey

Annual Schools

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

Lab Analyst

Chris Goforth (Co-Chair)
Bernadine Wardlaw (Co-Chair)
Amy Watters (Co-Chair)
Jeff Isley
Sandra Bradshaw
Patricia Quinchett
Cindy Gall
Dustin Guyer
Chris Johnson
Steve Beale

Jesse Chadwick
Gina Kimble
Chris Johnson
Elizabeth Meyer

Board of Examiners

Pat Irwin (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
Yama Jones
Patty Hall

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
James Merritt
Mike Bell
Ray McCall
Ken Loflin
Jeremy Godfrey
Mike Houston
Chad Flanagan

Operator of the Year

Award
Chris Smith (Chair)
PWS Representative - Joey White
Russell Bateman

Leadership Committees

Board Director: Ken Loflin

Nominating

Sam Molinas (Chair)
Mike Houston
Tena Mullis
James Merritt
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
10/13/16 - Greenville	10/12/16 - Fayetteville	10/19/16	10/20/16 - Hamlet	10/6/16 - Brevard
12/8/16				

Heather Cagle, Administrator
N.C. Waterworks Operators Association
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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: cindy@ncwoa.com
NC Rural Water Association	336-731-6963	www.ncrwa.com
NC AWWA-WEA	919-784-9030	www.ncsafewater.org

