



**NORTH CAROLINA WATERWORKS  
OPERATORS ASSOCIATION**

**2019  
Year In Review**





## From the President

Welcome to your 2019 Year in Review.

We are excited to have this opportunity to share ways NCWOA has continued to grow to better benefit you, its members. This year's Year in Review is reflective of the many accomplishments made by the association towards the enhancement of educational and professional opportunities for waterworks professionals throughout North Carolina.

First, I want to give a huge thank you to the many volunteers and NCWOA staff that make the schools, seminars and specialized training events possible. Without their tireless hard work and dedication, these events would not be possible.

A couple changes occurred in 2019. Heather Cagle assumed full Administrator duties with the retirement of Cindy Gall and Don Price joined NCWOA as an Education Specialist.

NCWOA provided 4 Specialized Training events in 2019. Specialized training is a great way to bring specifically designed training to operators.

The NCWOA Annual School Committee continues to work on and improve the Moodle online study course. The Association plans to further enhance the Moodle online study course in 2020.

In 2020 some adjustments will be made to the section meeting format. Section training will take place from 9am to 12:00 noon with lunch and business meeting to follow. There will also be 4 meetings in each section.

The North Carolina Waterworks Association has provided many years of dedicated service to the waterworks community. The Association itself serves as the collective atmosphere for the many people, who by their personal dedication and innovative strength, guide the future of the waterworks industry.

As your president, I challenge each member to become involved in the Association's work. Only then can the NCWOA continue to grow and expand into those areas which ultimately hold the key to its future development and success. Please keep this in mind and join the NCWOA team in making this a reality.

I wish to express my sincere appreciation to the many committee members and staff who have contributed so generously of their time in preparation of material for this year's publication.

We hope you enjoy the 2019 Year in Review!

Sincerely,

NCWOA President





## From the Editor

I personally would like to welcome you to the 2019 edition of the Year in Review.

It is hard to believe another year has gone by so quickly. As I look back, I'm grateful for all of the new friendships that have developed and for all the old friends that remain steadfast. I've enjoyed learning more about our friends in the Go With The Flow articles, like Mike Hughes, with the City of Raleigh. Reading about him made me realize I definitely need to step up my travel plans and play a little more disc golf. I learned that if I am ever in need of trying out some wild game I can rely on David Faircloth, with Fayetteville PWC, to hunt down a delicious meal. I've never been brave enough to get a tattoo, but Michael Preddy, with the City of Dunn, would be my go to guy to help decide what I should get. Who knows, you may see a big water tower tattoo down my arm one day at one of the annual schools! I've also learned that as spring time rolls around, I need to become better friends with Ronnie Presley, with the City of Asheville. If his green thumb is good enough for the Biltmore Estate, I'm sure he could help me get something to grow in my flower beds besides green weeds!

Even though we have such a common interest in water quality, it's exciting to learn about the individual things that make us different and unique. In the 23 years I have been in water treatment, I can say that I have learned so much from NCWOA members, and I enjoy seeing the different views that everyone has to offer.

Here at NCWOA, we would like to thank all of our members, sponsors, and volunteers for your support and dedication. When someone volunteers, they freely give themselves because they believe in what is being done. We could never thank you enough for all you do for the water treatment industry. If you, or anyone that you know in our industry, would like to volunteer on any of our committees please feel free to let us know.

It is our goal to keep you up to date on all of our events going on throughout North Carolina. If you have questions or concerns, please feel free to reach out to myself or any of our committee members. You can find our contact information at [NCWOA.com](http://NCWOA.com) and in our Go with the Flow publications. In 2019 we have had a great time providing training from the mountains to the coast and I'm excited to see what 2020 has to bring.

Thank you for all you do to make water safe!

Sincerely,  
Allen Daniels  
Water Guard, Inc.  
Public Image Chair



# Executive Committee/Staff



## President

**Ken Loflin**

OWASA  
(919) 537-4232  
klofin@owasa.org



## First Vice-President

**Sam Molinas**

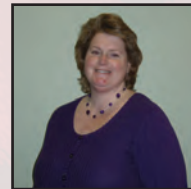
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## Second Vice-President

**Steve Pope**

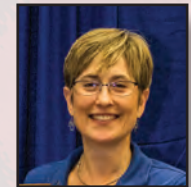
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## Secretary

**Michelle Clements**

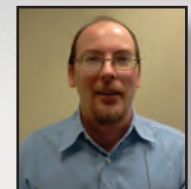
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## Treasurer

**Leslie Carreiro**

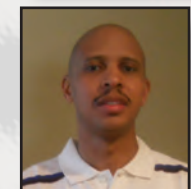
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## Past President

**Jeff Isley**

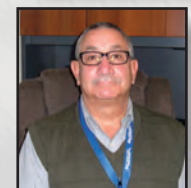
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## Distribution Officer

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## Chair – Board of Examiners

**Pat Irwin**

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## Chair - Public Image

**Allen Daniels**

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## Chair – Nomination Committee

**Chris Smith**

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## Chair – Western Section

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## Chair – North Piedmont Section

**Melanie Clark**

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## Chair – South Piedmont Section

**Tena Mullis**

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## Chair – Southeast Section

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## Chair – Northeast Section

**Dail Booth**

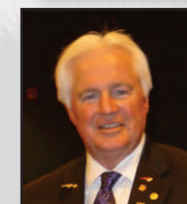
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## NCWOA Administrator

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## NCWOA Education Specialist

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## NCWOA Education Specialist

**Don Price**

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# 80<sup>th</sup> Annual Business Meeting & Operator Appreciation Luncheon

September 25, 2019 12:00 PM - McKimmon Center, Raleigh, NC

President Jeff Isley called the meeting to order and welcomed everyone to the 80th Annual Business Meeting and Operator Appreciation Luncheon.

The meeting was opened with prayer by Allen Daniels.

President Isley called upon Michelle Clements to read the minutes from the 2018 Annual Business Meeting. A motion was made to approve the minutes as read was made and seconded. Motion Passed.

President Isley called upon Leslie Carreiro to read the Treasurer's Report for the last fiscal year (July 1, 2018-June 30, 2019).

The financial statements were not completed by the business meeting, so Leslie Carreiro gave an overview from the last treasurer's report.

A motion to approve the Treasurer's report as read was made and seconded. Motion Passed.

**At the completion of the financial report (after the business meeting was held):**

Beginning Balance  
\$ 741,468.00  
Revenue  
\$ 344,863.00  
Expenses  
\$ 302,558.00  
Investment Income  
\$ 22,903.00  
Total Net Assets of June 30, 2019  
\$ 783,773.00

President Isley called upon 1st Vice President Ken Loflin to give reports for each Section for their Annual Reports.

Western Section: on File  
North Piedmont Section: on File  
South Piedmont Section: on File  
Southeast Section: on File  
Northeast Section: on File  
Report for each section on file.

President Isley called upon Leslie Carreiro for the annual audit report.

Leslie Carreiro reported that the Audit was not completed by the annual business meeting due to accountant's schedule with other projects and should be completed very soon.

President Isley called upon 2nd Vice President Sam Molinas to give the Committee's Annual Report.

Sam Molinas reported on Annual Schools, Seminars Committee, Lab Analyst Committee, Board of Examiners, Public Relations and Membership. Report attached.

President Isley observed a moment of silence to remember those Members who has passed since the last meeting.

**Steve Clayton, Linda Rolan, Denise Shelton, William Roger Townsend, Sidney Wilkins**

President Isley recognized the Corporate Sponsors:

Platinum Sponsors: Fortiline Waterworks, Trinity Manufacturing  
Gold Sponsors: AC Schultes of Carolina (T-shirt Sponsor), Charles R. Underwood, Inc., Clearwater, Inc., Fortech, Inc., Heyward Inc., Instrulogic, Jack Moore & Associates, Kemp Construction, Inc., Pearson Pumps, Univar, Water Guard, Inc., Carolina Management Team  
Silver Sponsor: Greenville Utilities

President Isley recognized the Exhibitors for the Annual School:

A&W Electric, Inc., Amerochem Corp, Cummins Sales and Service, Daparak, Inc, Gopher Utility Services, HACH Company, Kevin Tyndall Builders, McGill Associates, Inc. (T-shirt sponsor), Pace Analytical, The Perkins Company, Inc., Southern Corrosion, Inc., Willis Engineers

President Isley asked Leslie Carreiro to come forward to recognize new Life Members with 25 Years of consecutive membership. They were as follows:

**James W. Cooke, Jr., Lewis R. Fite, Charlie J. Furr, Jr., Randall R. Hinshaw, Christopher M. Ladd, Dixon L. Medlin, Thomas W. Moore, Robert E. Navey, Gary D. Norton, Robert W. Pickett, William D. Rinehardt, Frank J. Sansone, Lisa D. Smith-Perri, Johnny L. Spencer, James B. Tester, Jerry G White, Jr., Bryan Wilson**

President Isley called on Chris Smith to present the AWOP Awards

**57 surface water systems have met or exceeded the turbidity performance goals for settled and filtered water in Calendar Year 2018 and have received AWOP Awards from Public Water Supply.**

**Julius Patrick, Past President, came**

**forward to present the Certified Operator of Year Awards. The recipients were:**

C-Well: Chris Ward – Dare County Water

A-Well: Joe Thaxton – SUEZ and Martin County Regional Water and Sewer Authority

C-Surface: Paul Hamrick – Siler City

B-Surface: James Irvin – City of Kannapolis

A-Surface: Chad Flannagan – Greenville Utilities Commission

**Educator of the Year: Chris Goforth – NC State Lab**

**Lab Analyst of the Year: Bernadine Wardlow – City of Asheboro**

**Julius Patrick presented the Outstanding Operator of the Year – Charlie Colie – NRWASA**

President Isley asked Chris Smith to present the slate of officers for the 2019-2020 year as follows: President – Ken Loflin, 1st Vice President – Sam Molinas, 2nd Vice President – Steve Pope, Secretary – Michelle Clements, Treasurer – Leslie Carreiro, Past President – Jeff Isley

**Motion made, seconded and approved for slate of officers.**

President Isley asked for nominations from the floor for Nominating Chair. Nomination for Chris Smith, PWC. No other nominations were made. President Isley closed the nominations. Motion made to approve Chris Smith for Nomination Chair. Seconded and passed.

President Isley provided remarks about his term as President and thanked all those that supported him during the last 2 years. He then introduced Ken Loflin, newly elected President, to take over the meeting.

President Loflin thanked Jeff Isley for his service, presented him with an award for his service and addressed the attendees with a few comments.

President Loflin asked for a motion to adjourn. The motion was made and seconded. Motion passed.

Respectfully Submitted By:  
Michelle Clements



# Certified Operators of the Year



## A Surface Chad Flannagan Greenville Utilities Commission

This operator has over 15 years in the industry. He holds multiple certifications including (A-Well, A-Surface, C-Distribution, Physical Chemical I, Process Control, Maintenance Tech, etc.) He's been with his current employer for 7 years with several promotions from Operator I to Lead Operator. He's

armed with a lot of knowledge and has 7 years working in a private lab and an Environmental Geology degree.

He was instrumental in implementing manual operation day "WHEN not if" SCADA goes down so the plant can still produce water without reliance on SCADA; Working Asset Management core team member for 108 members of Water Resources; Completely revised operator SOP into a user-friendly format incorporating safety into each section; Designed a working model of the plant treatment process used for various STEM events, career fairs, tours; Active with NCWOA- teaching math classes, Co-chair of Lab Analyst committee, moderator of remote lab tech day.

He is an example not only to GUC but water professionals across the state.



## B Surface James Irvin City of Kannapolis

This recipient has 3 years in the industry. He transitioned from Parks and Recreation a few years ago to the water plant, where he took the lead role in maintenance and relief operator. For his hard work and leadership, he was recently promoted to Chief of Maintenance. He also has C-distribution and Backflow certifica-

tion. He is always the first to volunteer on special projects because he wants to understand and transfer his knowledge down to new staff members. He takes pride in his work (ex. making sure glued pvc joints looks good even though its going to be buried). His professionalism shines and he's one of the best workers the City of Kannapolis has ever had.



## C Surface Paul Hamrick Town of Siler City

This recipient has been in the water industry for 14 years as a maintenance operator. He obtained his C-surface to assist in plant operations even though his trade is a mechanic. He pro-

vides input on plant improvements and has taken the lead on many projects.

The WTP lost most of its staff last year including the full time ORC. He was one of two employees left. The plant and the town could not have made it without his tireless contributions as he stepped up to fill many roles.



## A Well Joe Thaxton SUEZ/Martin County Regional Water and Sewer Authority

This person has over 38 years in the water industry. He's a traveler and holds the highest water and wastewater licenses in NC, Indiana, Tennessee, and Texas. He has operated plants from capacities of 1 MGD-150 MGD. He's very knowledgeable

and here are just a few of his accomplishments:

- Starting up new SCADA systems
- Developing new membrane design for drinking water
- Creating database for tracking all operation and lab data
- Creating new maintenance manager work order system.

In NC he started up a 2.0 MGD facility, designed and



installed new clear well covers to prevent access and prevent water quality degradation, and researched and found the solution to keep the districts only well operational saving the county/town thousands of dollars in place of digging another well. He has many talents and wears many hats.



### C Well

**Chris Ward**  
**Dare County**

This recipient has been in the water industry almost two years. He's attending B-Well school this week, plans to pass the exam and obtain his A-Well next year. He recently passed the Southeast Desalination Certification exam last fall. In a very short time, this person has mastered the operating procedures at the

plant and always throws out ideas on how things can be improved in operations. He shows professionalism when giving plant tours and collecting samples in the distribution system. The nominator stated that he is a true asset to their facility.



### Educator of the Year

**Chris Goforth**  
**NC State Lab**

This recipient is a long-time co-chair of the lab analyst committee and lab tech day planning committee. If you ever attended Bacteriological school, you've seen him as he teaches it several times a year, the pass % for this class is around 92%. It must be the Jeopardy review

which makes it a fun learning experience.

In addition, he weaves interesting stories in his talks at NCWOA annual schools earning him high marks on his evaluation and positive comments. He has over 10 years in the water industry and now serves as Environmental Sciences Unit Manager for the State of NC Laboratory Section.



### Lab Analyst of the Year

**Bernadine Wardlow**  
**City of Asheboro**

This person has been in the water industry for 32 years and now serves as Water Quality Manager. She's earned several certifications including Grade IV wastewater, Lab Analyst certification, Process control and Bacteriological Methods, and Leadership Institute for Randolph Chamber of Commerce certification.

She implemented a LIMS system and developed a DBP sampling plan for her system.

She also participates in a mentoring program with the local schools to give teachers real world experience to enhance their curriculum. She always goes above and beyond the call of duty in her everyday tasks.



# Outstanding Operator of the Year

## Object of the Award

The object of the award is to annually recognize one waterworks operator for his/her outstanding ability and devotion to the water supply profession that best merits the title "Outstanding Operator of the Year."

## Basis for the Award

The award may be made by the Outstanding Operator of the Year Award Committee for any of the following reasons: outstanding proficiency in plant operations, records, and reports; exceptional organizational activities in the award winner's facility, demonstrated educational practices, or investigations leading to improvement of the profession; exceptional devotion to duty, and outstanding service to the Association.

## Charlie Colie Neuse Regional Water & Sewer Authority

This person began his career in 2008 as an Operator Trainee and has been promoted several times to his **current position of WTP Superintendent in 2016**. He has an associate degree in Environmental Science Water Resource Management and bachelor's in business administration graduating both with Honors.

He keeps up to date with the water industry by attending local and national conferences. He gained a lot of his knowledge at the plant during construction of the new facility.

Over the years he:

- Helped acquire 100 acres of land for residual disposal to keep cost to a minimum
- Upgraded SCADA system
- **Conducted a filter run time study that extended runtime up to 192 hours**
- Implemented a succession planning program
- Adjusted polymer feed system and mixing to help filter runtime
- **Prolonged filter media changeout while keeping TOC at a minimum**
- Optimized annual plant shut down and chlorine conversion

Nominator wrote that the recipient is a very energetic and responsible young man with great work ethics that he learned from his grandfather. While enrolled in night school the recipient still earned honors while working tireless hours during Hurricane Irene and Matthew which caused hundreds of thousands of dollars damage to their plant.

The plant is known for producing the best tasting water in the state; having won that award 3 years in a row **2014-16**. The recipient is very humble, and he would say that he is accepting the award on behalf of his outstanding staff.







## 2019 Life Members

Life Membership is awarded to any active member who has maintained an uninterrupted membership in the Association for a period of 25 years, is in good standing with the Association, and may be elected by a two-thirds majority of the members present and voting.

**James W. Cooke, Jr.**  
*AQUA NC*

Lewis R. Fite

**Charlie J. Furr, Jr.**  
*City of Concord*

Randall R. Hinshaw  
*Town of Weaverville-  
Retired*

Christopher M. Ladd  
*Earth Environmental  
Services*

Dixon L. Medlin  
*City of Laurinburg*

Thomas W. Moore  
*Cleveland County*

Robert E. Navey  
*Women's Missionary  
Union of NC*

Gary D. Norton  
*City of Hendersonville*

Robert W. Pickett  
*City of High Point*

William D. Rinehardt  
*Town of Mooresville*

Frank J. Sansone  
*Town of Beaufort*

Lisa D. Smith-Perri  
*West Carteret Water  
Corp.*

Johnny L. Spencer  
*Tyrrell County*

James B. Tester  
*Spartanburg Water*

**Jerry G. White, Jr.**  
*City of Lincolnton*

Bryan Wilson  
*West Carteret Water  
Corp.*

## 2019 Sectional Training Recap

### Western Section

March 14, 2019 - Canton

May 23, 2019 - Wilkesboro

August 22, 2019 - South Mountain State Park

October 24, 2019 - Lenoir

### North Piedmont Section

March 7, 2019 - PTRWA (Randleman)

June 13, 2019 - King

August 15, 2019 - OWASA (Carrboro)

### South Piedmont Section

March 21, 2019 - Lee Dukes WTP (Charlotte North  
Mecklenburg WTP)

June 27, 2019 - Iredell Water Corp. (Statesville)

August 29, 2019 - Kannapolis

### Northeast Section

February 21, 2019 - Dare County

May 2, 2019 - Currituck County

August 19, 2019 - Greenville Utilities Commission

October 15, 2019 - Winterville

### Southeast Section

February 14, 2019 - Sweeney WTP (Wilmington)

April 30, 2019 - Benton WTP (Raleigh)

July 18, 2019 - Sanford

October 18, 2019 - PWC (Fayetteville)



## 2019 Spotlight Recap April



### WARO Surface Plants - Staff Networking

In 2002, the Central Coastal Plain Capacity Use Area (CCPCUA) Rule went into effect which mandated groundwater systems in 15 eastern NC counties to reduce water withdrawals from the Cretaceous aquifer over a 16-year period.

The Washington Region had only two surface water plants prior to 2008, Greenville Utilities Commission and the City of Goldsboro. That number doubled when two water authorities were formed to supply several groundwater communities impacted by the CCPCUA reductions with an alternate source -- Neuse Regional Water and Sewer Authority (NRWASA) and Martin County Regional Water and Sewer Authority (MCRWASA).

The first meeting was held in April 2013 and rotates between the four water systems. Since the water treatment plants are at the end of their respective river basins (Neuse and Tar), water quality (elevated TOC, Mn, turbidity) is always a major topic. Information sharing is the greatest benefit for attendees; by providing an opportunity to gain new contractor/vendor contacts (divers, sludge removal, instrument installers, filter media, treatment chemicals, SCADA software, etc.) and share experiences about various projects is very valuable.

## 2019 Spotlight Recap July



### Contact Time Disinfection

Contact time (CT) disinfection is the water treatment industry standard for primary disinfection. When water is exposed to the surface, it also has been exposed to surface contamination, whether from

animals or humans and there is the potential for biological contamination. The primary reason we know disinfection of microbiological contaminants is effective is application of the method for determining CT. Disinfection is a critical component of a multi-barrier approach to drinking water treatment.

## 2019 Spotlight Recap October

### Mike Hughes - City of Raleigh

In 2017, Mike Hughes was awarded the Outstanding Operator of the Year Award by NCWOA. Recipients of this award are considered not only outstanding water treatment operators but also individuals who have given lifelong service to our water industry. Mike certainly fits that description as the Plant Operations Superintendent with the City of Raleigh Public Utilities.



Mike does have other outside interests to include attending live music concerts, visiting micro breweries and playing disc golf; however you can tell from the picture that he most enjoys spending time with his family and traveling.

### David Faircloth - Fayetteville PWC

David Faircloth is from Eastover, North Carolina just northeast and across the Cape Fear River from Fayetteville.

It is in that rural setting that David enjoys hunting and bagging wild game such as deer and turkeys almost from his backyard.

David started out in the waterworks field in high school working as an intern at the City of Dunn water treatment facility. After high school he attended N.C. State University and received a degree from their School of Agriculture in Turf Grass and Ornamental Plant Management.

However, instead of seeking a long term career in that field he returned to water treatment as a full-time operator with the City of Dunn in 2010 and since has obtained a Grade A Surface License and is Physical Chemical certified also. In 2014 he began working at his current job with the City of Fayetteville PWC as an operator at the Glenville Lake WTP.





## 2019 Spotlight Recap December

### Michael Preddy - City of Dunn

Michael started out in the water business with Sampson County working in distribution maintenance. When he first came to Dunn, his primary role was maintenance but was also asked to work as an operator trainee. In just a few short years he now holds a B Surface license and is scheduled to take the A exam in the near future. He is also trained in Total Coliform and E. Coli testing.

Michael speaks of the benefits he has received from NCWOA and sees his membership as a "way to stay connected and learn a lot about the water industry".



### Ronnie Presley- City of Asheville

Ronnie Presley is a man of many interests and talents. Along with being an outstanding water treatment operator and supervisor, he is also considered to be quite a master gardener. He is greatly respected by his friends and co-workers for his quiet demeanor and friendly personality.

Ronnie left the Biltmore Estate in 1989 to begin a lifelong career in water treatment with the City of Asheville at the Bee Tree Water Treatment Plant. He has now been with the city for 31 years.

He also expresses appreciation to NCWOA for being selected as the A Operator of the Year in 2016, for the years of training, the years of meeting fellow operators at Section meetings and the knowledge he gained from those events and experiences.



## 2018 NC Area Wide Optimization Award Recipients

Given by the NC Division of Water Resources Public Water Supply section. These awards are part of the NC Area Wide Optimization Program, which is an effort to enhance the performance of existing surface water treatment facilities.

- **Town of Andrews**
- Appalachian State University
- City of Asheville - North Fork
- City of Asheville - William DeBruhl
- Town of Boone
- Broad River Water Authority
- Town of Burnsville
- Cape Fear Public Utility Authority-Wilmington-Sweeney
- Town of Cary
- Charlotte Water - Franklin
- Charlotte Water - Lee S. Dukes
- Charlotte Water - Vest
- City of Cherryville
- Cleveland County
- City of Concord - Coddle Creek
- City of Eden - Robert A. Harris
- Town of Elkin
- Town of Franklin
- Greenville Utilities Comm. - Charles Horne
- City of Hamlet
- Harris Nuclear Plant
- Harnett County
- **Henderson-Kerr Lake Regional Water Authority**
- City of Hickory
- Johnston County WTP (West)
- City of Kannapolis
- Lincoln County
- **City of Lincoln**
- Town of Louisburg
- Town of Madison
- Maggie Valley Sanitary District
- **City of Marion**
- Town of Mayodan
- City of Morganton - Catawba
- City of Mount Airy - F.G. Doggett
- City of Mount Airy - S.L. Spencer
- City of Mount Holly
- **City of Newton**
- Town of Norwood
- Orange Water & Sewer Authority
- Piedmont Triad Regional Water Authority - John F. Kime
- Town of Pilot Mountain
- Town of Pittsboro
- City of Raleigh - D.E. Benton
- City of Raleigh - E.M. Johnson
- Town of Robbinsville - Rock Creek
- City of Sanford
- Town of Smithfield
- City of Statesville
- Tuckaseegee Water & Sewer Authority
- Two Rivers Utilities
- Town of Valdese
- City of Waynesville-Allens Creek
- **Town of Weaverville - Ivy River**
- Western Carolina University
- Town of Wilkesboro
- Woodfin Water District
- Town of Yadkinville

\*\*\***Gold Star** Honor - systems that have received the NC AWOP Award for 10 consecutive years



# In Memorium



## Steven Clayton

Steven Howard Clayton, 57, of 100 Hassel Clayton Road, Roxboro, died Monday, December 31, 2018 at his home. Born in Tooele, UT, he was the son of the Howard Hester Clayton, who survives and the late Bobbie Jean Walker Clayton.

Steven was previously self employed at Monk & Clayton Auto Repair for 18 years. He was currently employed with Inframark at Yanceyville Water Plant for the past 2 years. He was a water plant operator for 20 plus years. Steven enjoyed golfing, playing pool, volleyball and corn hole.

Surviving are his wife, Terry Clayton; one brother, Keith Clayton of Roxboro; one sister, Amy Clayton Long and husband Linn of Roxboro; three nieces: Brittnei Paul, Kacey Clayton, and Samantha Clayton; one great nephew, Levi Paul; one great niece, Addison Martin.

Steve was a member of NCWOA for 10 years.



## Christie Huneycutt

Christie Martin Huneycutt, passed away, November 18, 2019, peacefully at her home with family.

She was born June 8, 1968 in Atlanta GA, daughter of Billie Jane Martin and her Dad the late Ray Martin. Christie graduated from Georgia Institute of Technology with a degree in Civil Engineering. She was the Water Resources Director for the City of Concord.

Christie had a wonderful sense of humor and loved being with family, especially attending her children's many activities, playing games and baking Christmas cookies. She enjoyed spending time on Lake Blue Ridge, which she referred to as "Heaven on Earth".

In addition to her mother, Billie Jane Martin, she is survived by her husband, Scott Huneycutt, sons, Will, Walt, and Wes Putnam; stepdaughter, Kayla Huneycutt; stepsons, Adam and Cameron Huneycutt; brother, Craig Martin and wife Hope; two nieces, Savannah and Grace Martin.



## Richard Ray

Mr. Richard Leroy Ray, 52, passed away Sunday, November 17, 2019 at Forsyth Medical Center.

Richie was born July 7, 1967 in Wilkes County to Clifton Leroy and Shirley Love Ray. He was a longtime water technician for the City of Graham and a long time caregiver for his family, organizing doctors

visits and daily household tasks for his parents and brother. He loved animals, especially his two dogs, Bellina and Blue. He was a Pro Level Bowler, an avid coin collector and could outplay anyone in ping-pong.

He was preceded in death by his mother.

Survivors include his father; his brother Chris Ray and many loved aunts and uncles.

Richard was a member of NCWOA for 15 years.



## Benjamin Ricketts

MSGT Benjamin James Ricketts, US Air Force Retired, 86, died Saturday, September 28, 2019 at Wadesboro Health and Rehab.

Benjamin was born July 10, 1933 in Anson County, NC and was a son of the late Evan Thomas Jefferson Ricketts and the late Lila Orene Freeman Ricketts. He was a long-time member of Mt. Beulah Baptist Church.

He first enlisted in the United States Navy and served aboard ship during the Korean Conflict. Following his tour with the Navy, he enlisted with the United States Air Force serving during the Vietnam War. He retired as Master Sergeant from the Air Force with more than 20 years in military service.

Following his retirement from the military he worked with Anson County Water Filtration Plant with more than 20 years of service.

Surviving are his children; Sharon Ricketts of Wadesboro, Barry (Beth) Ricketts of Southern Pines, Dennis (Jacqueline) Ricketts of Wadesboro, Judy (Chris) Sellers of Cheraw, SC, Connie Kiker of Polkton, and Tony (Wendy) Ricketts of Wadesboro; 13 grandchildren, Chuck Williamson, Ben (Hannah) Soileau, Brittany Soileau, Callie (Greg) Huneycutt, Michael Ricketts, Dylan Ricketts, Jake Ricketts, Kristy Vouigt, Courtney Sellers, Spencer Sellers, Brett (Kailey) Kiker, McKayla Ricketts, and Trace Ricketts; and 1 great-grandchild, Charley Williamson and 2 great-grandchildren on the way; his brother, Earl Ricketts of Wadesboro; and his step-brother and step-sister, George Huneycutt of Newport News, VA and Shirley Harward of Polkton.

Benjamin was a lifetime member of NCWOA since 1973.



## Linda Rolan

Mrs. Linda Faye Woriak Rolan, 64, of Maxton, was born Jan. 30, 1955, to the union of the late George D. Woriak and Vonnie E. Woriak, and departed this life on July 7, 2019, in the Conway Medical Center, Conway, S.C.

Linda was a lifelong member of New Prospect Holiness Methodist Church where she enjoyed true fellowship of Christ. Linda was a graduate of Prospect High School Class

of 1973 and a graduate of Pembroke State University Class of 1977. Linda was active in the N.C. Section of the American Water Works Assoc., N.C. Water Environment Assoc. and the N.C. Waterworks Operators Assoc.

Linda was a certified Wastewater Treatment Plant operator and a certified Water Treatment Plant operator. Linda was the Chatham County Utilities director until her retirement in 2000. Linda served as the first female president to serve two terms from 1989 through 1991 of the N.C. Waterworks Operators Assoc.

Linda participated in the Environmental Technology Delegation to the U.S.S.R. from Nov. 9-21, 1990 in which the program was sponsored by the Citizens Ambassador Program International formed by President Eisenhower. Also during Linda's professional career, she was employed with Robeson County Water, PWC of Fayetteville and City of Raleigh Public Utilities.

Linda is survived by her husband of 25 years, Terry Rolan of the home; a son, Timothy Michael Locklear and wife, Natasha, of Wynantskill, N.Y.; her mother, Vonnie E. Woriak of Maxton; three stepsons, Jason Rolan and wife, Sandra, of Timberlake, Jeffrey Rolan and wife, Lamya, of Cary, and



Steve Rolan of Steamboat Springs, Colo; three sisters; seven brothers; 13 grandchildren; a great-grandchild; and a host of relatives, and friends.

Linda was a lifetime member of NCWOA since 1982.

### Denise Shelton

Denise Jane Priddy Shelton, passed away Tuesday, November 6, 2018 at her residence.

Mrs. Shelton was born in Stokes County to the late William David and Mary Doris Bennett Priddy. Denise was a member of Stoney Ridge Baptist Church. She was a caregiver and hard worker and loved to cross stitch. In addition to her parents, she was preceded in death by a sister, Sandra Priddy. Survivors include her husband, Tim Shelton; daughters, Crystal Stewart and Jennifer Williams (Jeremy McKinney); brother, Phil (Pat) Priddy; grandchildren, Savannah Williams and Patience Stewart.

Denise was a member of NCWOA for 18 years.

### Christopher Tedder

Christopher Lee Tedder, 57, died Thursday, June 6, 2019. Born in Johnston County on March 20, 1962, Chris was the son of Kenneth and Jewell Yvonne Holland Tedder. Chris worked with the Town of Snow Hill in the Public Works Department and also operated Tedder's Lawnmower Repair Shop. Chris was a loving husband and father who put his family first and loved both the community and Town of Snow Hill. He was a person of Christian faith who loved his Lord. Chris attended Liberty Baptist Church in Snow Hill. Chris' surviving family includes his wife of 32 years, Gayla Elizabeth J. Tedder of the home; daughters, Sharon M. Day (Brian) of Raleigh, Brianna E. Bell-Tedder of Greenville, Hailey Bethany Lynn-Tedder of the home; sons, J. Stephen Mooring (Shannon) of Snow Hill and M. Bryan Mooring (Michelle) of Goldsboro; grandchildren, Allyson Paige Mooring of Grifton, Joshua Brandon Mooring of Snow Hill, Jordan Blake Mooring, Alexis Grace Mooring and Kymber Leigh Lambeth, all of Goldsboro; a great-grandchild, Leighton Strickland of Goldsboro; sisters, Tammy P. Starling of Emerald Isle, brothers, Philip W. Tedder (Cindy) of Rocky Mount and David N. Tedder (Teri) of Wilmington; and a special caregiver, Fred Perry of Snow Hill.

Christopher was a member of NCWOA for 11 years.

### William Townsend

William Roger Townsend, 68, of Hickory, passed away Friday, March 1, 2019, at his residence. Born March 2, 1950, in Catawba County, he was the son of the late George Wesley Townsend and Margaret Cannon Townsend. He served in the U.S. Navy and retired from the City of Hickory as water plant operator. Loyal, humble, compassionate, and sincere are words that described Roger.

He was a member and Associate Pastor of His Image Ministries, serving in almost every capacity of the church. He loved the Lord and loved serving Him. He had a servant's heart as he led the Senior Outreach Program which included a nursing home Bible study and the soup kitchen. You would often see him behind a camera filming and he also loved helping in the maintenance and cleaning of the church. Roger was truly an amazing man who was totally devoted to his wife Jackie and their animals. He will be deeply missed.

Survivors include his wife, Jackie C. Townsend of the home; and four aunts, Lillian Leonard of Morganton, Flo Townsend of Conover, Ruth Pearson of Drexel, and Catherine Cannon of Lancaster, S.C.

Roger was a lifetime member of NCWOA since 1993.



### Kou Vang

Kou Vang, age 52, of Troy, passed away on Tuesday, October 15, 2019 in Laos.

Tommy Overby, NCDEQ, stated: "I hired Kou in 2013 as an uncertified operator, he studied hard and passed the apprenticeship exam on the first try to obtain his C-Surface license. Kou was friendly, very dependable, more knowledgeable than

he would admit and willing to complete any task needed. He never sought praise or attention, he was just content to do the best job he could, which he always succeeded at. He was the definition of a good operator and will be missed."

Soft spoken and a loyal to a fault, his life was spent caring for those who were lucky to know him. Be it family or friends, he always gave of himself, any and everything. He wanted for naught and lived a simple life. It was as if he always knew, the less I need for myself, the more I can give of myself.

A true fish whisperer, whatever kind of fish, whatever kind of weather, he would always catch the most and the biggest - if he wanted to. He never went fishing, he always went catching. Being Kou though, it always brought him more joy to allow those he fished with, to catch as he guided.

He is survived by his mother: Phang Vang; brothers: Kao Vang, Choua Vang, Alexander Vang, Chong Vang, Cher Vang; sisters: Mai Lou Vang, Mai Yia Lee, Mai Ka Vang, Sheng Vang.

Kou was a member of NCWOA for 6 years.



### Sidney Wilkins

Sidney Hershell Wilkins, 56, of 317 Seaview Drive, Edenton, NC, passed away on Saturday, March 30, 2019, in his home.

Sidney was born in Pasquotank County on October 11, 1962, and was the son of the late Shelbert F. and Edna Pauline Scott Wilkins. A Water Treatment Plant Operator with the Chowan County

Water Department, he attended Faith Pentecostal Holiness Church.

In addition to his parents, he was preceded in death by a sister, Peggy Parker.

Surviving are his wife, Laura Lee McDaniel Wilkins; three daughters, Angela Heninger of Milwaukee, WI, Wendy Heninger of Edenton, and Julie Bell of Michigan; four sisters, Joyce Ambrose, Robin Wilkins, and Daphne Brickhouse, all of Elizabeth City, and Pauline Lane of Virginia; three brothers, Shelbert Wilkins, Doak Wilkins, and Darrell Wilkins, all of Elizabeth City; and five grandchildren.

Roger was a member of NCWOA for 17 years.



### Gregg Winstead

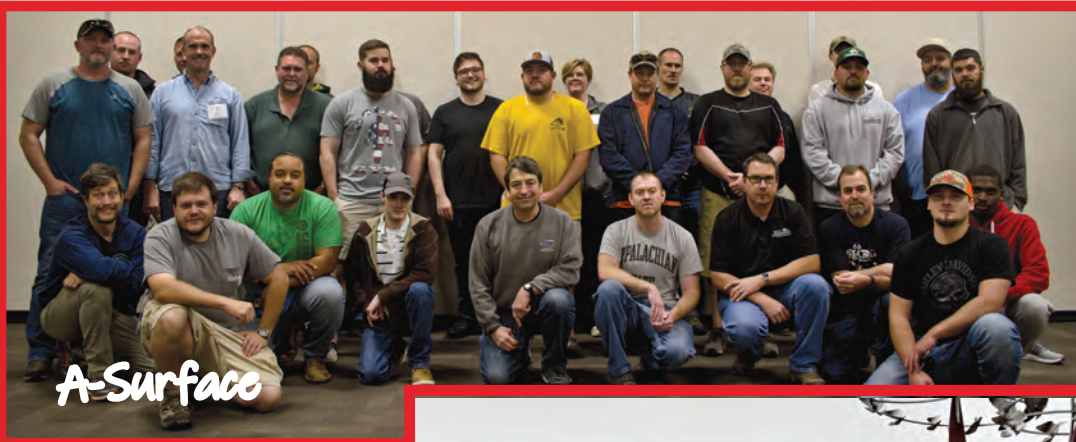
Gregg Lee Winstead, age 64, passed away on Sunday, September 15, 2019. Born in Nash County, NC on January 25, 1955, he was the son of the late Welford "Bill" Lee Winstead and Loretta Jean Joyner Winstead. He was also preceded in death by his sister, Cathy Winstead Barnes Viverette.

Gregg leaves behind to cherish his memory, son, Daniel Winstead of Rocky Mount; and daughter, Sarah Barnes and husband, Al, of Rocky Mount. He is also survived by his granddaughter, Alyssa Barnes; and nephew, Christopher Barnes.

Gregg was a member of NCWOA for 11 years.



# 2019 Spring School



A-Surface



B-Surface



C-Surface



B-Well



C-Well





A-Surface

## 2019 Fall School



B-Surface



C-Surface



A-Well



B-Well



C-Well



Heather Cagle, Administrator  
N.C. Waterworks Operators Association  
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## NCWOA 2019 - By The Numbers

80 years

**2,792** Total Members

NE Section = **555** SE Section = **643**, SP Section = 403, NP Section = **589**, Western Section = **533**

**4,822** + hours of credit issued for sectional training & 10 seminars

277 Students at the Spring School in Hickory

B-Well = 18, C Well = **52**, A-Surface = 31, B-Surface = **52**, C-Surface = **59**, Advanced Day = **65**

277 Students at the Fall School in Raleigh

A-Well = 10, B-Well = 14, C Well = **45**, A-Surface = **26**, B-Surface = **53**, C-Surface = **57**,  
Advanced Day = **72**

**15** Corporate Sponsors and 3 Advertisers

**Thank you for another great year!**