

North Carolina Waterworks
Operators Association

# GO WITH THE FLOW

Training Tomorrow's Water Professionals Today

April 2018 Volume 21, Number 2

# **Operator's Spotlight**

A Conversation with James Proctor

Back in 2016, the Town of Ayden offered James Proctor the director of utilities and public works job. It was just what he had been looking for, an opportunity to come home and end his almost three-year commute. A job commute that began in Franklin County, NC for the first 10 months and then a move to the City of Oxford as the director of public works & utilities.

"I left a job with DuPont in 2011," says Proctor. "I had been living in Greenville since 1990 and I had a hard time finding a job. My daughter was going to college and I needed more income, so I took the job in Franklin County. My wife was a nurse and we wanted her and the kids to stay in the area, so I would come home on Friday, go back on Monday."

Proctor started his career in the wastewater and water industry back in 1989 with the City of Rocky Mount. He really didn't have a planned direction, so some of his family convinced him to go to work for the city so he could move more easily into a job with the fire department.



"I applied for a wastewater job," he says. "I grew up on a farm and we had pigs and smells and getting dirty was no big thing. I started in wastewater and decided to stay and finish my training and computer studies instead of moving over to the fire department when I was offered a position. I was in Rocky Mount for 10 years."

When a wastewater supervisor job opened at DuPont, in Kinston, Proctor jumped on it. While at DuPont he was introduced to distribution and drinking water because the facility needed a water operator.

"I was willing to do that and was sent to school for a well license and took over the well system," Proctor explains. "DuPont had a 3.5 mgd facility and I worked there for 14 years under five different entities."

DuPont had roughly 2,600-2,800 employees at the time and Proctor says he saw that number began to

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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dwindle. Eventually, there were only 102 left, with only about 80 today, says Proctor.

Proctor loves his water and wastewater career. He has enjoyed the growth he has seen in the industry and the education it affords for young people looking for a career.

"I tell my employees if you want a job go to McDonald's; if you want a career, come here and go through the licensing," he says. "I saw value in the licensing and it went from being a job to a career."

Proctor says he struggles with keeping employees and getting the job done with a lean staff. He says it is a sign of the times. Younger people struggle with communication because they don't want you to talk to them, they want you to text message them, he says.

"I have had in the last 18 months four people leave because I require them to get a C-Well in 18 months," Proctor says. "The town pays for the class and three tests. They have 18 months to get it and if they don't in three tries, they have to pay for the test. Once it is passed, they get a

raise on the back end. I am having problems sending people to school and they'll take the test two or three times and leave the job because they don't want to pay for the test."

Proctor says it is so hard to get them to study. He says young people just don't work like his family had to on the farm.

"You can't teach work ethic. They either take pride in what they do or they don't," he says. "Trying to connect with them and find the ones that want a career vs. a job."

Proctor says he will probably never be able to retire, but if he does, he just wants good health. He says there is a difference between just living and a life and he opts for the life. He has just recently gotten engaged to his high school sweetheart and his daughter is finishing nursing school with a job already lined up. His son is attending electrical lineman school. He says the water industry has been really good to him and moving forward in the future the industry needs to learn how to communicate with this younger generation and help employers train their staff in such



a way that does not hurt the emplover.

"It's hard because a lot of the extra people we had in our workplaces has been so streamlined and we are all working shorthanded now," he explains. "I have a lean staff. I am always one or two people short and it takes my lean staff, and it is hard to do anything extra and to find an employee that wants to do extra. I can show them the earning potential with license and without and they get really excited until they have to do their part."

# **NCWOA Awards**

Outstanding Operator of the Year

Certified Operator of the Year Lab Analyst of the Year **Educator of the Year** 

Submission deadline is July 13, 2018

You can download applications on our website at www.ncwoa.com (under forms)

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# What's happening at your plant?

Are you going through an upgrade, adding some new features, starting a new process? Want to share your experience with other operators?

NCWOA would love to include an article in the Go With The Flow or if you are intersted in hosting a sectional training meeting please contact Heather Cagle at 252.764.2094 ext. 1 or heather@ncwoa.com.

# **NCWOA Seminars with Proposed Agendas**

All NCWOA seminars listed on pages 4-5 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. Seminar agendas and locations are tentative and may be subject to change.

## Lab Tech Day

May 3, 2018 at the McKimmon Center in Raleigh

#### Wastewater topics include:

Lab Renovations
Per- and Poly-fluorinated Compunds Analysis
Permit Review
New MDL Procedure
and more......

Detailed information on our website at www.ncwoa.com

**EXHIBIT HALL OPEN FROM 8AM - 4PM** 

#### Drinking Water topics include:

Per- and Poly-fluorinated Compunds Analysis Chemical Matrix & Serial Dilutions Cold Water Mitigation New MDL Procedure and more......

## Advanced Day 2018 - Keeping It Safe and Secure: Asset Security

September 26, 2018 in Raleigh (Registration in Fall School Brochure - coming in July)

8:30 – 8:45	Welcome and opening remarks	1:30 – 2:15	Cyber Security – What are the Risks to our Networks and SCADA
8:45 – 9:30	The Importance of Vulnerability Assessments - John McLaughlin, Merrick		Perry Gayle, AECOM
9:30 – 10:15	Physical Asset Security	2:15 – 3:00	Cyber Security – Protecting our Networks and SCADA
7.00 10.10	Robert Melish, DHS		
10:15 – 10:45	Break	3:00 – 3:20	Break
10:45 – 11:15	Hardening Our Facilities, A Case Study Eric Hatcher, CFPUA	3:20 – 3:50	The Practical Application of Cybersecurity, a Case Study
11:15 – 12:15	Panel/Roundtable – Vulnerability Assessments Implementation - What to do with the Information! John McLaughlin, Robert Melish, Eric Hatcher	3:50 – 4:50	Panel / Round Table Discussions – Cyber Security - Mistakes – Guidelines to Improve Security Perry Gayle, TBD
12:15 – 1:30	Lunch (Provided on-site)	4:50	Certificates for 6 Contact hours for all DRINKING WATER and WASTEWATER certifications

#### Fall Certification School

September 24-28, 2018 at the McKimmon Center in Raleigh

Information coming in July

For more information and online registration, please visit our website at www.ncwoa.com

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	lb Tech Day 18 in Asheville		
8:00- 8:30	Registration & Welcome	12:15 – 1:15	Lunch
8:30 - 9:15	Safety & Chemical Hygiene Plan	1:15 – 2:00	Public Relations Information-
9:15 – 10:00	Laboratory Management Systems (LIMS) - Ken Ochi, Accelerated Technology Laboratories, Inc.		Community Outreach Louise Bhavnani, Charlotte Water
10:00 – 11:15	Employee Retention - Discussion Panel Chad Flannagan, City of Greenville,	2:00 – 3:15	Tour: Asheville Water Treatment Plant @ Mills River
	Member from Large system & HR/ Management	3:15 - 3:30	Break
11:15 – 11:30	Break	3:30 – 4:00	Demo Heterotrophic Plate Count – Simplate - Eric Ruff, City of Charlotte
11:30 – 12:15	Algal Toxins – Cyanotoxins (Abraxis Automated Assay System)	4:00	Certificates for 6 Contact hours for all DRINKING WATER and WASTEWATER certifications

	11:30 – 12:13	Automated Assay System)	(ADIAXIS	4:00		e Confact hours for all ER and WASTEWATER
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# **NCWOA Sectional Training**

NCWOA sectional training meetings listed below are for 4.0 contact hours and are pre-approved by the NCWTFOCB for treatment and distribution operators. All sectional training is open to anyone regardless of your particular section. Training agendas and locations are tentative and may be subject to change.

All Sectional Training Meetings will take place from 10am - 3pm.

There will be two training sessions (10am-12noon and 1pm-3pm), you may attend one or both.

Sectional Trainings are open to anyone, however if you want contact hours you must be an active member or be prepared to pay the \$40 annual membership fee on-site.

## **Western Sectional Training**

May 24, 2018 - Maggie Valley Sanitary District

Topics: Bleach & Caustic Safety, Backwash/Air Scour, Filter Media/Underdrains

August 2, 2018 - Bryson City

Topics: Water Loss, New Meter Technologies, SCADA, UCMR4

October 23, 2018 - South Mountain State Park (2 credit hours only)

Topics: Tour, Polymer

Please RSVP to Brendan Kelley at (828) 890-2835 or BKelley@ashevillenc.gov

## **North Piedmont Sectional Training**

June 14, 2018 - City of Eden

Topics: Tour, UCMR4, Flushing Programs, Water Age Management

August 8, 2018 - Orange Water & Sewer Authority (OWASA)

Topics: Filter Underdrains & Support Systems, Filter Media, Tour, Filter Assessment

Please RSVP to Melanie Clark at (336) 627-1009 ext 101 or mclark@edennc.us

## **South Piedmont Sectional Training**

June 21, 2018 - Shelby WTP

Topics: Distribution, Rules & Regulations

August 23, 2018 - Clty of Concord

Topics: Source Water, Reservoir Management

Please RSVP to Tena Mullis at (704) 920-5163 or mullistm@concordnc.gov

## **Northeast Sectional Training**

May 10, 2018 - Tyrell County

Topics: Security, Tank Care & Maintenance, Chlorine Gas Safety

August 16, 2018 - Currituck County

Topics: TBD

October 9, 2018 - Greenville Utilities Commission

Topics: Filter Construction & Assessment, Backwashing Techniques

Please RSVP to Yama Jones at (252) 232-6061 or Yama.jones@currituckcountync.gov

## Southeast Sectional Training

June 5, 2018 - Onslow Water & Sewer Authority (ONWASA)

Topics: Lab Training, Rules & Regulations, Renewable Energy, People Skills for Supervisors

Please RSVP to Pam Gibbons at (910) 897-5129 or <a href="mailto:qibbonspi@yahoo.com">qibbonspi@yahoo.com</a> (preferably by email)

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Topics: Security, Tank Care & Maintenance, Chlorine Gas Safety

May 24, 2018 - Maggie Valley Sanitary District

Topics: Bleach & Caustic Safety, Backwash/Air Scour, Filter Media/Underdrains

June 5, 2018 - Onslow Water & Sewer Authority (ONWASA)

Topics: Lab Training, Rules & Regulations, Renewable Energy, People Skills for Supervisors

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June 21, 2018 - Shelby WTP

Topics: Distribution, Rules & Regulations

August 2, 2018 - Bryson City

Topics: Water Loss, New Meter Technologies, SCADA, UCMR4

August 8, 2018 - Orange Water & Sewer Authority (OWASA)

Topics: Filter Underdrains & Support Systems, Fllter Media, Tour, Filter Assessment

August 16, 2018 - Currituck County

Topics: TBD

August 23, 2018 - Clty of Concord

Topics: Source Water, Reservoir Management

October 9, 2018 - Greenville Utilities Commission

Topics: Filter Construction & Assessment, Backwashing Techniques

October 23, 2018 - South Mountain State Park (2 credit hours only)

Topics: Tour, Polymer











## **CERTIFICATION BOARD ANNOUNCEMENT**

\* \* \* NOTICE OF RULES REVISIONS \* \* \*

The following Operator Rules are up for revision and readoption later this year:

15A NCAC 08G Wastewater15A NCAC 08F Animal Waste15A NCAC 18D Drinking Water

for more information please go to:

https://deq.nc.gov/about/divisions/water-resources/operator-certification

for the PROPOSED RULES go to:

https://deq.nc.gov/permits-regulations/rules-regulations/proposed-rules

Public comment period is March 15 - May 14, 2018

# We Appreciate Our Corporate Sponsors!

















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# Interested in sponsorship?

Please contact:

Mike Houston, Public Image Committee (252) 675-2380 Email: mhouston@jonescountync.gov Allen Daniels, Public Image Committee (252) 230-8424 Email: allen@waterguardinc.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

Bacteriological Methods Workshop July 24-26, 2018 November 7-9, 2018 Contact Tiffany Kohl, (919) 807-8879

Process Control Workshop August 14–17, 2018 Contact Tiffany Kohl, (919) 807-8879

Math Review Contact JD Monroe, (910) 947-5784 NCWOA Fall School
Sept. 24-28, 2018 in Raleigh
A, B, & C Surface
A, B, & C Well
Advanced Day, Sept. 26, 2018
Brochures coming in July

# North Carolina Waterworks Operators Association MEMBERSHIP APPLICATION

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



# Membership Application ANNUAL DUES ARE \$40.00 FOR 2018

First Name:	Middle Initial: Last Na	me:		
Nickname:	Social Security # (last 4 digits): xxx-xx	If Renewal, what is your NCWOA Member #:		
YOUR Individual O	perator Certification #: (Issued by NCWTFOCB)	_		
Certificate(s) Held:	:			
A-Surface	B-SurfaceC-SurfaceA-WellB-Well	C-WellD-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 Certifie	ed.		
PLEASE SELECT YO	OUR PREFERRED ADDRESS (This is where confirmations & member	ership info will be sent.)		
	ddress:			
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	e to receive your issues of Go With The Flow? Postal Delivery	<u>OR</u> Email		
How would you like	e to receive your Section Meeting notices? Postal Delivery	<u>OR</u> Email		
	ips are based upon a calendar year. Membership cards will be roer, and membership expiration date.	mailed with receipt. These cards will contain your name,		
	ke checks payable to "NCWOA" or "North Carolina Waterworks of payments may be mailed, faxed, or scanned but NOT called in			
CREDIT CARD PA	YMENT	PLEASE SEND APPLICATION AND PAYMENT TO: Cindy Gall, NCWOA Comptroller PO Box 4519 Emerald Isle, NC 28594 Phone: 252-764-2094 ext. 2		
Credit Card Type:	Visa MC AmEx Discover			
Name on Credit C	Card:	Fax: 252-764-2095		
Credit Card Numb	per:	Email: cindy@ncwoa.com		
Exp Date: Month _	Year Security Code from back of Card	<ul><li>Credit Card Payment</li><li>Cannot be Processed</li></ul>		
Cardholder's Signo	ature:	Over the Phone		
If cardholder is oth	ner than attendee, what email address should the CC receipt be			
To ensure that you	receive the emailed receipt, please add cindy@ncwoa.com to	your email address book.		
NCWOA USE:	Amount: CK# E	S Processed:		

## Committee Members

### 2017-2018 Executive Committee

President

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

First Vice-President

Ken Loflin **OWASA** 

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

Second-Vice President

Sam Molinas

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

Secretary

Michelle Clements The East Group

Phone: (252) 758-3746 x 131

Email: michelle.clements@eastgroup.com

Treasurer

Leslie Carreiro

City of Asheville - North Fork WTP

Phone: (828) 271-6105

Email: Icarreiro@ashevillenc.gov

Past President

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

Chair - Board of Examiners

Pat Irwin

Currituck County Phone: (252) 232-6061

Email: pat.irwin@currituckcountync.gov

Chair - Public Image

Mike Houston Jones County

Phone: (252) 675-2380

Email: mhouston@jonescountync.gov

Chair - Nomination Committee

Chris Smith

Fayetteville Public Works Phone: (910) 223-4708

Email: chris.smith@faypwc.com

Chair - Western Section

Lowell Graves Phone: (828) 396-1006

Email: Igraves@ci.lenoir.nc.us

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

Frank Efird

Smithfield Packing Phone: (910) 785-5099

Email: speckledtrout808@gmail.com

Chair - Northeast Section

Yama Jojnes Currituck County

Phone: (252) 232-6061 ext 6061

Email: Yama.Jones@currituckcountync.gov

**Distribution Officer** 

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

Email: jgodfrey@ashevillenc.gov

#### **2017-2018 Committees**

#### **Finance Committee**

Board Director: Julius Patrick

James Merritt (Chair) Leslie Carreiro Julius Patrick Sam Molinas Ken Loflin Jeff Isley

### **Professional Development** Committees

Board Director: Ken Loflin

#### **Seminars**

Sam Molinas Jeremy Godfrey Jeff Isley Leslie Carreiro Mike Houston Don Price Steve Pope Tena Mullis Yama Jones Lowell Graves Frank Efird Julius Patrick Pam Gibbons Allen Daniels Dail Booth James Merritt

Carl Scharfe

#### **Annual Schools**

Sandra Bradshaw (Co-Chair) Mark Hahn (Co-Chair) Lee Kiser Del Coffman Garrett Gilbert

Lab Analyst

Chris Goforth (Co-Chair) Bernadine Wardlaw (Co-Chair) Chad Flannagan (Co-Chair) Jeff Isley

Amy Watters Sandra Bradshaw **Dustin Guyer** Gina Kimble Patricia Quinichett Steve Beale Elizabeth Meyer Michele Andrews David Livingston

**Board of Examiners** 

Pat Irwin (Chair) Ricky Langley Ken Loflin Adam Waters Heather Adams Randy Hawkins Rani Holland Tommy Overby Jeff Carlisle Julius Patrick Chris Smith

Jay Van Hoose Dail Booth Yama Jones Patty Hall Mark Hahn Janet Mills

### **Public Image Committees** Board Director: Mike Houston

### **Member Services**

Allen Daniels (Chair) Pam Gibbons Bessy Farmer Frank Efird Jeremy Godfrey Chad Flannagan Jeff Isley Julius Patrick Tena Mullis Steve Pope Sam Molinas Ken Loflin **Lowell Graves** Yama Jones

Operator of the Year Award

Julius Patrick (Chair) PWS Representative - Joey White

Mike Hughes

#### **Leadership Committees** Board Director: Sam Molinas

### **Nominating**

Chris Smith (Chair) Tena Mullis Yama Jones Steve Pope **Lowell Graves** Frank Efird

Rules

Tommy Overby (Chair) Mack Edmisten Chris Smith Jay Van Hoose Marty Wilson

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# **Important Phone Numbers & Websites**

Main Phone # for Certification Board	919-707-9040	https://deq.nc.gov/about/ divisions/water-resources/ operator-certification/drinking- water-operator-certification/dw operator-certification-wtfocb
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
Central Office	919-707-9100	
Asheville	828-296-4500	
Mooresville	704-663-1699	
Winston-Salem	336-776-9800	
Raleigh	919-791-4200	
Fayetteville	910-433-3300	
Washington	252-946-6481	
Wilmington	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