



*NCGWA
Celebrating Over
70 Years*

SEPTEMBER 2019

WATER WORDS

A Letter From The President

Hello Everyone,

Tired yet? I am starting to be. It has been a busy and hot summer for me. I hope you have been as busy as you have wanted to be. Since we last spoke; a Happy 4th of July is in order and now Happy Labor Day! Time flies when you are having fun. I have always looked at Labor Day as the beginning of a change of season. Summer winding down and eventually fall, falls in place. I am looking a change in weather, for some cooler days.

Speaking of change, I am always listening for different heart beats of the economy. We continue to enjoy a strong growth cycle. I try, when the opportunity arises, to ask others that work in other parts of the economy, what are their feelings on the future of the economy. Most business cycles run 4.5 years or so. The US is now into its longest economic expansion in history. There is some talk of a little slow down. Next year is an election year. There is always an opportunity for the news media to pick up on some type of change, which is usually always negative. Beware, it may just be fake news. Personally, I always like to concentrate on the positive parts of change. North Carolina has a lot to offer from all parts of the economy. People like to live here in North Carolina for many reasons. We all work in a part of the economy where our products and services are essential. Water, it is truly the gift of life. Whenever this growth cycle does slow, I am sticking with the same thought process I have had for the past 35 years. Get up everyday and do your best, treat people like you would want to be treated and always listen to understand the need of your clients.

Did you pick up clients instead of customers? A client is a person that uses the service of a professional person or company. I think it is important to be as professional as you can in any field. I think people gravitate toward professionalism. To be a professional comes with efforts. One effort is continuing education. The NCGWA is always looking for ways to offer such opportunities to its members. September 27th is another opportunity. There will be a roundtable discussion on topics that effect our industry. There is also going to be an outdoor demonstration with a drill rig and a new casing advancement system. Lunch will be offered and then a skeet shoot for a little fun and fellowship.

As I said earlier, being a professional takes effort. I believe that effort generates many positive effects on you, the ones you serve and the profession you have chosen. Be proud that you are a groundwater professional. Give compliments to others in your profession. It will make them want to step up to be even better and it should make you feel good as well.

Kindness is something you can never give away, for it will always come back.

With Respect,

Chauncey Leggett

**NCGWA 2020 Conference and Trade Show
January 30-31, 2020
Embassy Suites, Greensboro, NC**

STATEMENT OF PUBLISHER

Water Words is the official publication of the North Carolina Ground Water Association. Readers are invited to submit manuscripts, which preferably would be limited to 2,000 words or fewer in length. Water Words' advertising policy attempts to conform its advertising to business endeavors. Products or services advertised in Water Words are not directly or impliedly endorsed by the NCGWA. The views and opinions implied or expressed herein by authors and advertisers are not necessarily those of NCGWA, the editor or the publisher, and no responsibility for such views will be assumed. This publication is provided with the understanding that opinions, instructions and advice provided by contributing authors and editors are those of such authors and editors and not of this publication. Neither the publisher nor the editor is engaged in providing professional opinions of any nature. If technical or professional advice is required in any aspect of your business, we encourage our readers to seek professional services. The publishers of Water Words may refuse to accept any and all advertising it believes to be false, fictitious or misleading.

AD COPY AND ARTICLES MAY BE SUBMITTED TO:

WATER WORDS

Elaine Christian, Publisher
PO Box 41368
Raleigh, NC 27629
919-876-0687
Email: elaine@execman.net

RATES OF ADVERTISEMENT

Business Card Ad
\$50 per issue/\$200 year

Quarter-page Ad
\$100 per issue/\$350 per year

Half-page Ad
\$150 per issue/\$500 per year

Full-page Ad
\$250 per issue/\$850 per year

PUBLICATION DATES

Articles and ad deadlines
are the first day of

MARCH JUNE
SEPTEMBER DECEMBER

Any and all NCGWA members are encouraged to send information on past or coming events or news articles that would be of interest to other well drillers. Please send profiles of well drillers/companies that you feel deserve to be highlighted in our newsletter.

2019 Board Of Directors

Chauncey Leggett, Lake Valley Well Co., Inc., Tarboro, NC

Vice President

Bill Magette, Magette Well & Pump Company, Ahoskie, NC

Secretary/Treasurer

Reid Mullis, Gopher Utility Services, Kannapolis, NC

Immediate Past President

John Boyette, Boyette Well & Septic, Wilson, NC

Directors

Matthew Brown, Yadkin Well, Hamptonville, NC

Mike Floyd, McCall Brothers, Charlotte, NC

Dan Graham, Clear Water Solutions, West End, NC

Dustin Merrill, Merrill Drilling & Water Systems, Penrose, NC

Chad Mullis, DL Mullis Well Drilling, Monroe, NC

Elmer Newman, Newman Brothers, Elkin, NC

Neill Pardue, Air Drilling Company, Statesville, NC

Robb Armstrong, Franklin Electric, Columbia, SC

Phil Silvestri, Preferred Pump, Greensboro, NC

Executive Director

Elaine Christian, NCGWA, Raleigh, NC (919-876-0687)

Save The Dates!

- ◆ Continuing Education and Skeet Shoot - September 27, 2019 - Hunting Creek Preserves, Harmony, NC
- ◆ National Ground Water Association Groundwater Week Summit 2019 - December 3-5, 2019 - Las Vegas, Nevada
- ◆ NCGWA Conference and Trade Show - January 30-31, 2020 - Embassy Suites, Greensboro, NC

Goulds Water Technology Awards \$24,000 in GPDA Scholarships

NC residents Carly Biddix (Burnsville, NC) and Rustyn Orbison (Mount Ulla, NC) are 2 of 16 students being awarded a scholarship for academic achievement, community service and leadership by the Goulds Water Technology Professional Dealer's Association (GPDA). The scholarship is open to students in the U.S. and Canada.

"These students represent the future of our industry. Goulds Water Technology values the opportunity to support them as they pursue higher education and build their careers through the GPDA scholarship," said Susan O'Grady, Xylem Director of Marketing, Residential and Agriculture.

GPDA scholarship recipients are family members of GPDA members. GPDA is a network of independent water system professionals, established in 1969, and is the industry's oldest and largest dealers association. Since the scholarship's inception, the GPDA has awarded over \$300,000 to 272 recipients.

Fall Field Day and Shotgun Clay/Skeet Tournament

Hi Everyone,

I would like to tell you all about an exciting event coming up September 27th, 2019 at Hunting Creek Preserves in Harmony NC. The NCGWA will be hosting our first Fall Field day and Shotgun Clay/Skeet Tournament. The Board is planning on this to become an annual event but we cannot make this possible without you!

Please come join us in the pleasant fall air of NW North Carolina. We will start off the day with a welcome and roundtable discussion on some "hot" topics facing our industry today. These roundtable meetings are great because YOU have a VOICE and get to speak to the topics! Next we will move outside and will have a drilling overview of tophead rigs and safety by GEFECO, and I personally will be using a GEFECO 30kdh to demonstrate the Mincon casing advancement system. I have used a casing advancement system on several tough spots that conventional drilling was unsuccessful. I'm sure you all have some places like that too. This type of drilling has many advantages when drilling through loose gravel and boulders and is easily adaptable to all brands of rigs. Continuing education credit will be given for NC & SC.

Following the drilling we will have a delicious buffet style lunch onsite and then the Clay/Skeet shoot. There will be 13 stations to shoot from. Shotguns are available to rent onsite or bring yours.

Please sign up as we have limited space. This event will have a lot available to learn and to enjoy throughout the day. Vendors will have tailgate spots in the parking lot with product on display. Come see a rig operate that's different from yours, see a casing system that makes drilling a success when other methods fail, and most importantly network with old friends and meet new ones. Finally we all have been stressed out and worked hard all summer long. Come release that stress with some lead :-)

So what are you waiting for? Come enjoy some nice fall weather and support your Association as we Provide, Protect, and Preserve N.C. Groundwater!

Keep turning to the right,

Matthew Brown CWD/CVCLD

2 C Rules Update

The 2C .0300 revisions took effect July 1st. The 2C. 0100 and .0200 rule revisions will go into effect September 1. During our meeting at the Jubilee some of the members had questions about the rule has not been changed, but it has to be enforced because "laws" always take precedence over "rules". Eventually the rule will be corrected to match the law, but it has not yet happened. So, the impact (as I understand it) is as follows:

- 1) Areas in the state which previously required 35' of well casing and 35' of grouting as a required minimum now require 43' of well casing and 20' of grouting.
- 2) Wells are only required to be located 50' from septic systems except for certain saprolite systems which require 100' separation, or shared wells which require 100' of separation.

Members should read the updated law and rules to be sure they understand them. The 2C .0300 revisions took effect July 1st. The 2C. 0100 and .0200 rule revisions will go into effect September 1.

S.L. 2018-65 Summary

- A well serving a single-family dwelling can be permitted less than 100' to a septic system and repair area and would require a minimum of **20' of casing and 20' of grout**.
- A shared well is required to be 100' from a septic system and repair area and requires a minimum of **20' of casing and 20' of grout**.
- A well serving a lot that has a septic system installed in saprolite is required to be a minimum of 100' to the septic and repair area and required to have a minimum of **20' of casing and 20' of grout**. ****This could change once the onsite wastewater rules are revised****
- A well serving a single-family dwelling with fixed lot conditions can be permitted less than 50' to a sewage or liquid waste collection or transfer facility constructed to water main standards (2C. 0107(a)(3)(b)) and less than 100' to an animal barn (2C. 0107(a)(3)(c)) but this requires a minimum of **43' of casing and 20' of grout**.
- Wells drilled in the areas designated in 2C .0117 are now required to have a minimum of **43' of casing and 20' of grout**.

Legislative Changes to the Underground Utility Safety & Damage Prevention Act Effective 10/1/19

Representative Dean Arp (R-Union) supported various changes of the Underground Utility Safety and Damage Prevention Act with House Bill 872 effective October 1, 2019. Representative Arp stated that as a structural engineer, he could “fully appreciate the issues of construction and safety.” He continued that he was “so proud and honored to be a part of this (legislative effort). The strength of what we do is to continue on and even make (the process) better.” The initial driving force of developing legislation that went into effect October 1, 2014 was a fatal accident in Iredell County in which an excavator hit an underground electrical line that was not properly marked.

Some key highlights of the bill include:

Notification Center

- **87-120 (a) & (c)** Notification Center removed from receiving, maintaining and providing general administration of reports of alleged violations.
- **87-120 (c) (9)** Notification Center shall have the duties to provide information requested by the UG DPRB in consideration of reports of alleged violations.

Facility Operator

- **87-121 (a) (1)** The dimension of the pipe shall be indicated every 50 feet if the diameter or width of facility is greater than four inches.
- **87-121 (a) (1a)** The operator’s identity marked in the area where the proposed excavation or demolition is to occur. At a minimum, beginning/intervals of 200 linear feet/end.

Excavator

- **87-122 (b) (5) a.** A single parcel that may exceed ¼ mile in linear length identified by a single address.
- **87-122 (b) (5) b.** The lesser five adjoining parcels identified by addresses, not to exceed ¼ mile in linear length or an area not to exceed ¼ mile in linear length.
- **87-122 (c) (6)** Three hour notices – additional notice (allows for on-line submission)
- **87-122 (c) (10)** Gas, oil, petroleum an electric transmission line has been expanded to read oil, petroleum products, or highly volatile liquid pipeline system, a gas transmission line, or an electric transmission line. No mechanized equipment within 24” of a facility unless the facility operator has consented to the use in writing and the operator’s representative is on site during the use of the mechanized equipment.

Exemptions

- **87-124 (6)** An excavation or demolition performed when those responsible for routine maintenance of a right of way or any other governmental entity are performing, with labor on their permanent payroll, maintenance activities within the right-of-way.
- **87-124 (6)** Drainage structures are not included in maintenance activities.
- **87-124 (6)** The provisions do not apply when the excavation or demolition is performed by a contractor acting on behalf of a person or entity responsible for routine maintenance of a ROW or on behalf of any other governmental entity.

Emergency Excavation

- **87-125 (a)** Emergency excavation – give notice (allows for on-line submission)
- **87-125 (c)** Any person who falsely claims that an emergency exists requiring an excavation or demolition shall have violated the provisions of this Article, which shall be punishable as a Class 3 misdemeanor and may subject the violator to the imposition of penalties or other action to be taken by the Board pursuant to G.S. 87-129.

Design Notices

- **87-127 (a) (1) & (3)** proposed area of excavation removed – area designated by the design notice

Underground Damage Prevention Review Board; enforcement; civil penalties

- **87-129 (b)** All reports will be submitted to the Board – Notification Center removed from the process
- **87-129 (b1)** The Board shall approve training courses and the sponsors of those training courses. Any fees for training courses will be paid by the person determined to have violated this Article.

- **87-129 (e)** The Board is authorized to employ contractors or other personnel as it may deem necessary to carry out the provisions of this Article.
- **87-129 (f)** Board shall maintain record of reports of alleged violations for at least four years.
- **87-129 (g)** On request of the Board, the Attorney General's office shall assign a legal representative to provide legal counsel.
- **87-129A** Board is authorized to impose an annual fee on operators in order to fund activities and operation of the Board in reviewing reports of alleged violations not to exceed \$200,000 annually.

To download the new legislation, visit <https://www.ncleg.gov/Sessions/2019/Bills/House/PDF/H872v5.pdf>
 Contributed by: Ann Rushing, NC811 Education Manager

Save the dates!

**NCGWA 2020 Conference and
 Trade Show
 January 30-31, 2020
 Embassy Suites, Greensboro, NC**

Continuing Education Trade Show
Membership Mtg Lunch with Vendors
Auction Raffle

Make plans to join us!

2020 Trade Show Raffle Item

This year, we are excited that our raffle item will be a Coleman Outfitter 550 4WD UTV with trailer. Over \$9,000 value



("May not be exact item")

RAFFLE TICKET ORDER FORM

Please Reserve Me Tickets For The Following:

Raffle Tickets _____ x \$100.00 (Tickets Will Be Mailed)

Name: _____ Company: _____

Street: _____ City: _____ ST: _____ ZIP: _____

Phone: _____ Email: _____ (send invoice)

PAYMENT OPTIONS: CHECKS: MAKE CHECKS PAYABLE TO: NCGWA, PO BOX 41368, RALEIGH, NC 27629

**** Note ** - NCGWA now accepts credit cards! If you would like to pay thru paypal using a credit card, please include your email address and an invoice will be forwarded to you.**

Payment Type: Check # _____ Paypal _____ Amount \$ _____

(Please indicate payment type and enter amount due)

Drawing - January 31, 2020

**Do Not Need to be
 Present to Win.**

ENVIRONMENTAL • WASTEWATER • WATER TREATMENT



NORTH CAROLINA'S WELL RESOURCE



***Best Delivery & Inventory in North Carolina
Representing Over 2500 Quality Suppliers
Experienced Technical Field Support Team***

CONTACT YOUR LOCAL NORTH CAROLINA LOCATION

GREENSBORO 336-275-9858 • HICKORY 828-322-1103 • SELMA 919-934-5074 • WILMINGTON 910-799-1128



COMMITMENT TO EXCELLENCE

dsidsi.com

A Headwater Company



THE LARGEST INVENTORIES
IN THE SOUTH ATLANTIC!
Save Your Working Capital!
We'll Inventory for You
AND Deliver for Free!

Join Us at South Atlantic Jubilee
from July 27 - 29, 2019 for Our
Exciting Block Party! Call Your
Local Branch for More Info.

Canton (Doug Grooms)
(800) 311-2657

Charlotte (Craig Gilbert)
(855) 346-0128

Greensboro (Phil Silvestri)
(855) 211-0689

Preferred Pump is Also Proud Partners
with Pulstar Manufacturing.

NOW YOU CAN CUSTOM-DESIGN
YOUR OWN PUMP HOIST ONLINE!

www.PulstarMFG.com



Preferred Pump & Equipment



PREFERRED PUMP

www.preferredpump.com

PUMPS

- American-Marsh
- Berkeley
- Flint & Walling
- FloWise
- Grundfos
- Liberty
- Myers
- Paco
- Peerless
- Sta-Rite
- Stenner
- Wolf

ACCESSORIES

- American Granby
- Baker
- BioBlend
- Boshart
- Campbell
- Dekorra
- Ideal
- Jet-Lube
- Kwik-Zip
- Lakos/Claude Laval
- Piedmont Well Covers
- Simmons
- Whitewater Mfg

TANKS

- Amtrol
- Dixie
- Flexcon
- Infiltrator

PIPE

- Alloy Screens
- B&D Manufacturing
- Certainteed
- Charlotte Pipe
- Diamond Plastics
- Galvanized Pipe
- Johnson Screens
- Napco
- Oil Creek Plastics
- Silverline Plastics

MOTORS & CONTROLS

- A.O. Smith
- AMC (Applied Motor Controls)
- Baldor
- Brandon & Clark
- BW Controls
- Century
- CSI
- Danfoss
- Grundfos
- Pentair
- Phase Technologies
- Remote Control Technology
- Siemens
- SJE Rhombus
- Square D
- US Motors
- Yaskawa

WATER TREATMENT

- Cotey Chemical
- CSI
- Pulsafeeder
- Stenner
- Sterling
- Viqua

DRILLING

- Alturna Mats
- Baroid
- Big Foot
- Eastern Drilling
- Infinity Bit
- Western Rubber

WIRE

- Regency Wire
- Service Wire
- Southwire

VALVES & FITTINGS

- Cycle Stop
- Dole
- Flomatic
- Smith-Cooper
- Spears

PUMPS + EQUIPMENT = TRIPS AND MERCHANDISE



Preferred Pump's Dealer Awards Program is Offering 3 Trip Options to Las Vegas, Maui, or A Caribbean Cruise! We Also Have A Merchandise Catalog with Over 200 Quality Items.

NCGWA
PO BOX 41368
RALEIGH, NC 27629

FORWARDING SERVICE REQUESTED

NCGWA | 919-876-0687 | 919-878-7413 (FAX) | WWW.NCGWA.ORG

NCGWA CORPORATE PARTNERS

Baroid

Mark Whittle
PO Box 1675
Houston, TX 77251
mark.whittle@halliburton.com
281-871-5688



Hole Products

Sibyl Hendley
508 Memminger Court
Woodruff, SC 29388
marketing@holeproducts.com
828-838-2110



Drillers Service

Roy Lawson
PO Box 1407
Hickory, NC 28603
r.lawson@dsidsi.com
828-431-3245



Pentair Flow & Filtration

Mike Hulburt
293 Wright St.
Delavan, WI 53115
mike.hulburt@pentair.com
714-227-8142



Flomatic Corporation

Nick Farrara
15 Pruyns Island Drive
Glens Falls, NY 12801
nick@flomatic.com
518-761-9797



Preferred Pump

Phil Silvestri
203 South English Street
Greensboro, NC 27401
psilvestri@preferredpump.com
336-373-5900



Franklin Electric

Robb Armstrong
12 Summer Creek Court
Irmo, SC 29063
rarmstrong@fele.com
321-356-6752

