



*NCGWA
Celebrating Over
70 Years*

December 2022

Water Words

A Letter From The President

Hello Everyone,

It is Thanksgiving weekend and I hope everyone has taken time out to be with Family and friends. I think you all would agree that we have a great deal to be thankful for. Everyone I have spoken to in the industry continue to be very busy and backlogged for months. I think North Carolina has realized the value of the professional well contractor. This state relies immensely on ground water for residential, municipal, industrial, geothermal and agricultural uses. The ground water we provide supplies clean reliable water to millions of North Carolinians, many times without any need for treatment. For this God given natural resource we should be especially thankful.

Personally, I am thankful for so many things they are to numerous to list, but for this letter I would like to say how thankful I am for this Association and it's members, this Board which has been such a pleasure to work with and of course Elaine who we all know makes it all work.

I would like to thank Matthew Brown and several others that put time and effort into the CE/ Skeet Shoot in Harmony this Fall. As you know this event was organized and cancelled twice due to hurricanes coming up the coast from Florida. I would also like to thank the staff at Hunting Creek Preserves for working with us under adverse circumstances. It was a frustrating setback, but under the circumstances I believe the right decisions were made.

I would like to reach out to the membership to realize the great value of being a part of this Association. Just as some are apathetic about going to the voting booth and casting their vote at election time with the idea that their single vote cannot make a difference, many certified drillers and others involved in this industry may think that their involvement will not make a difference. This is simply not true. As our recent past President Chauncey Leggett continually reminds us "we are better together". The NCGWA has been working to create better relationships with the Well Contractors Certification Commission (WCCC), NCDHHS, NGWA and several of the legislators involved in rule changes in our industry. These relationships are very important and even though individual involvement is effective in many cases the impact an Association such as ours has quite a bit more impact. There is no better example of this than the recent passing of the new rules on grouting pushed through in record time by the efforts of our Vice President Matthew Brown and former Commissioner and Association member Billy Yow. There are several other changes to come for the betterment of our industry. I realize I am "preaching to the choir", but my point is that you members know many certified drillers, young people getting started in the industry and vendors and suppliers who are directly involved who are not members of this association. One of the main reasons for the lack of involvement is that the majority of the certified drillers are not required to have Con Ed. I have been involved in this industry my entire life and professionally for over 40 years. I attend most of the CE opportunities that the Association offers and have benefited from each one. You will never stop learning if you get involved. So, reach out to these people and ask them to get involved.

Be Safe, Bill Magette

NCGWA 2023 Conference and Trade Show
January 26 - 27, 2023

Embassy Suites, Greensboro, NC
(336) 668-4535

Rate: \$123/Night - Reservation Deadline: January 12, 2023
Specify you are with the NCGWA

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PUBLICATION DATES

Articles and 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.

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

Protect Your Well and Pipes from Cold

Something to pass along to your customers.

If you are in an area that tends to reach or has ever had freezing temperatures, you should make every effort to prevent your pipes, well, and well components from freezing. When pipes freeze, the flow of water is completely blocked. Since water expands as it turns into ice, the pipes are very likely to burst. It could also ruin your well pump and other exposed well components. This can be an expensive problem to fix and a disastrous occurrence in frigid winter months. If your well or pipes freeze, contact your licensed well contractor or plumber as soon as possible.

For the complete article go to <https://www.watersystemscouncil.org/download/won-newsletters/2022-Fall-WON-Newsletter.pdf>

Taken from Well Owners Network News

Worth Pickard Scholarship

The N.C. Ground Water Association offers the Worth Pickard Scholarship to eligible students who are currently enrolled or who have been accepted into an accredited college or university.

Consideration will also be given to those seeking specialized courses of study, if the applicant is employed or otherwise involved in some area of the ground water industry.

For eligibility requirements and an application form, please visit the ncgwa website at: <https://ncgwa.org/>

The deadline for the 2023 scholarship is April 15, 2023. Contact the NCGWA office at 919-876-0687 for more details.

2023 NCGWA Trade Show - Meet Our Speakers

Scott Baker

Scott Baker is in his 25th year in law enforcement. After graduating the University of Tennessee in 1996, he moved to Wake County and enrolled in BLET. Scott started his career with the Wake Forest and Durham Police Departments and joined the State Highway Patrol in 2007. He worked Wake County as a trooper for six years and transferred to the Commercial Vehicle Enforcement section. Scott obtained all CVSA inspection certifications and became a field trainer. He also reached the certification of HazMat Technician in 2020. In 2022, he was selected to be the next Troop C Traffic Safety Information officer for CMV presentations. Scott currently live in Johnston County with my wife and two teenagers.

Jesse J. Richardson

Education

- B.S., Agricultural Economics, Virginia Tech, magna cum laude
- M.S., Agricultural and Applied Economics, Virginia Tech
- J.D. University of Virginia

Jesse J. Richardson, Jr. is the Lead Land Use Attorney at the Land Use and Sustainable Development Law Clinic and Associate Professor of Law at the West Virginia University College of Law. Before coming to WVU, Jesse was an Associate Professor in Urban Affairs and Planning at Virginia Tech, teaching land use law, environmental law, urban growth management and real estate. His research and experience focuses on land use law and water law. Prior to his academic endeavors, Jesse was in private practice in his home town of Winchester, Virginia, first with a large law firm, then as a solo practitioner. He presently serves on the Board of Directors of the American Agricultural Law Association as Past President, the Universities Council on Water Resources and the National Cave and Karst Research Institute. He previously served on the Boards of the Universities Council on Water Resources and the National Cave and Karst Research Institute, as well as Virginia Farmland Protection Task Force and the Virginia Water Policy Technical Advisory Committee. Jesse was honored with the 1999 Professional Scholarship Award from the American Agricultural Law Association, the 2004 William E. Wine Award for a history of teaching Excellence from Virginia Tech (the highest teaching award granted by the university), and the 2009 University Certificate of Excellence in Outreach. He has worked with communities in West Virginia and Virginia on land use planning issues, including issues related to karst and water resources. He holds a B.S. and M.S. in Agricultural and Applied Economics from Virginia Tech and a J.D. from the University of Virginia School of Law.

Richard K. Spruill

Education – B.S. Geology (East Carolina University), M.S. Geology (East Carolina University), and Ph.D. in Geology (UNC-Chapel Hill - 1980)

Employment: Retired Associate Professor of Geology/Hydrology – East Carolina University – Greenville, NC

President and Senior Hydrogeologist at Groundwater Management Associates, Inc., Greenville and Apex, NC

Dr. Spruill is a hydrogeologist specializing in the evaluation and development of the groundwater resources of the Atlantic Coastal Plain. He has worked closely with municipalities, industries (including the recreation industry), and the regulatory community to provide scientific insight during the planning and development of largescale groundwater withdrawal projects. His areas of specific expertise include evaluation of the safe yield of aquifers and aquifer systems through detailed aquifer testing, wellhead protection planning, and the evaluation of the position and movement of the saltwater/fresh-water interface in coastal environments. He is particularly interested in groundwater protection regulations, such as the Capacity Use Area program administered by the Division of Water Resources, and he has played a significant role in bringing to the forefront the major problems facing North Carolina groundwater users in the central Coastal Plain and in our coastal environments. His current research involves evaluation of the safe yield of the Cretaceous Aquifer System of the Central Coastal Plain of North Carolina. He teaches courses in undergraduate general geology and petrology, and graduate courses in hydrogeology and computer applications in hydrogeology. He has also taught in the undergraduate summer geology field program in the four-corners region of the western United States for 27 years! Dr. Spruill is the Founding Director of the Coastal Water Resources Center at East Carolina University. Dr. Spruill is a co-owner of Groundwater Management Associates, Inc., a North Carolina based consulting hydrological firm, the three-term Chairman of the North Carolina Board For Licensing of Geologists, and the past President of the National Association of State Boards of Geology. Dr. Spruill was inducted into the ECU Educators Hall of Fame in October 2018.

2023 NCGWA Trade Show - Class Descriptions

Legal Issues Impacting the Water Well Industry - Jesse Richardson (Thursday)

This presentation discusses legal and policy developments, including case law, regulations and laws that impact the water well industry in North Carolina. The presenter will also discuss how contractors can insure that their businesses remain compliant with laws and how contractors can have their voices heard in the policy and legal process.

Introduction to Business Succession Planning for the Water Well Industry - Jesse Richardson (Thursday)

The vast majority of businesses in the water well industry are family businesses. Family businesses across the country face difficult odds when passing the business to the next generation, and water well industries are no different. This presentation offers an overview of the best practices for a successful transition of the family business to the next generation. An introduction to estate planning, business entities and business agreements is included.

Applied Groundwater Hydrogeology for Contractors - Richard Spruill (Friday)

Several major concepts of hydrogeology will be emphasized during the presentation. Hydraulic properties of porosity, hydraulic conductivity, transmissivity, specific yield, and storage coefficient are properties of aquifers. Well-specific properties include static water level, drawdown, total available drawdown, well loss, specific capacity, and well efficiency. We will discuss the importance of developing a general understanding of hydraulic properties of aquifer and how these properties relate to well-specific properties.

Just Drive: Deliver Distraction Free - Master Trooper Scott Baker (Friday)

Scope of the Problem

Distracted driving has been shown to be a major cause of large truck crashes and near-crashes, and the use of cell phones in particular can dramatically increase the risks of being involved in a motor vehicle collision. One research study commissioned by the Federal Motor Carrier Safety Administration (FMCSA) "shows the odds of being involved in a safety-critical event (e.g., crash, near-crash, unintentional lane deviation) are 23.2 times greater for CMV drivers who text while driving than for those who do not."

Class Overview

Just Drive Deliver Distraction-Free is a free one-hour class designed to increase driving safety awareness and decrease distracted driving behavior, specifically the use of cell phones among commercial drivers.

Topics

- Scope of the Problem
- Risks and Consequences
- Practical strategies to promote safe driving
- State Laws/Regulations

Benefits

- Reinforcement of state laws & regulations regarding cell phone policies
- Safer employees on the road, both on and off the job
- Contribute to improving safety for all roadway users

For a trade show registration form please visit:

<https://ncgwa.org/content/uploads/2022/12/Registration-Form-2023.pdf>

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National Ground Water Association / Groundwater Week 2022
December 6-8, 2022 / Las Vegas, NV
For more information visit: <https://groundwaterweek.com/>

Prepare to mark your calendars...

The NCGWA is planning a NCGWA Field Day!
Tentatively Scheduled for March 31, 2023 in Marion, NC.
Further Information Forthcoming

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- Siemens
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- Square D
- US Motors
- Yaskawa

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WWW.NCGWA.ORG

North Carolina Ground Water Association - Membership Application

Active Members: Contractors Division

- *Any person engaged in the business of well drilling. *Any person engaged in the business of monitoring well drilling.
- *Any person engaged in the business of installing, maintaining, and repairing pumps and who is authorized to execute contracts in connection therewith but does not engage in the business of water well drilling.

Active Members: Non-Contractors Division

- Manufacturing:** Any person engaged in manufacturing equipment, materials, or supplies in the ground water industry.
- Water Equipment Wholesalers and Suppliers:** Any person which does no contracting for the drilling of water wells and/or installation and servicing of water pumps, and which:
 - *is an established wholesaler maintaining warehouse and stock of pumps, pump parts and other water handling equipment which are sold regularly to dealers and/or contractors for resale; or
 - *is engaged in the business of supplying equipment, rigs or tools or rendering specialized services to the water well industry from an established place of business in its trading area.
- Technical:** Any person engaged in the supervision, regulation, evaluation, development or investigation of underground water supply installations or related to technology or any individual in an accredited university, college or preparatory school, public or private, studying or teaching subject matter embracing the water well industry.

_____ **Active Members-Contractors, \$75 per person, per year**

_____ **Active Members-Non-Contractors, \$75 per person, per year**

Associate Members: Any eligible person interested in the work of the Association who is not eligible to become an active member may become an Associate Member. _____ **Associate Members \$75 per person, per year**

1. Name _____ Commission Issued Certification # _____
2. Company _____ Phone _____
3. Street/P.O. Box _____ Fax _____
4. Town/State/ZIP/County _____
5. Email _____

Please *check what type of membership and fill out your information* and send it, along with your payment, to NCGWA, P.O. Box 41368, Raleigh, NC 27629. Make checks payable to NCGWA. If you have any questions, please call 919-876-0687.