



THE VWWA WINTER CONFERENCE

February 19-20, 2020 | vawaterwellassociation.org/winterconference



SUPPORTING

Water Professionals

ATTENDEE PROSPECTUS



THE VWWA WINTER CONFERENCE

The Virginia Water Well Association is pleased to invite you to participate in the Winter Conference and Trade Show at the Fredericksburg Expo and Conference Center in 2020!

ATTENDEE INVITATION

FEBRUARY 19-20, 2020



**2371 CARL D. SILVER PARKWAY
FREDERICKSBURG, VIRGINIA 22401**

WWW.FREDERICKSBURGEXPOCENTER.COM

45,000 SQ. FT. EXHIBITION SPACE

1,665 SQ. FT. PER CLASSROOM

76 - 10 FT. X 10 FT. BOOTH

4 (OR MORE) - 20 FT. X 40 FT. RIG

1,200 FREE ONSITE PARKING SPACES



THREE CONFERENCE HOTELS

Reservations Made Direct

HOMEWOOD SUITES - \$114.00

1040 Hospitality Lane . 540-786-9700

HILTON GARDEN INN - \$114.00

1060 Hospitality Lane . 540-548-8822

HAMPTON INN & SUITES - \$109.00

1080 Hospitality Lane . 540-786-5530

Mark Your Calendars!

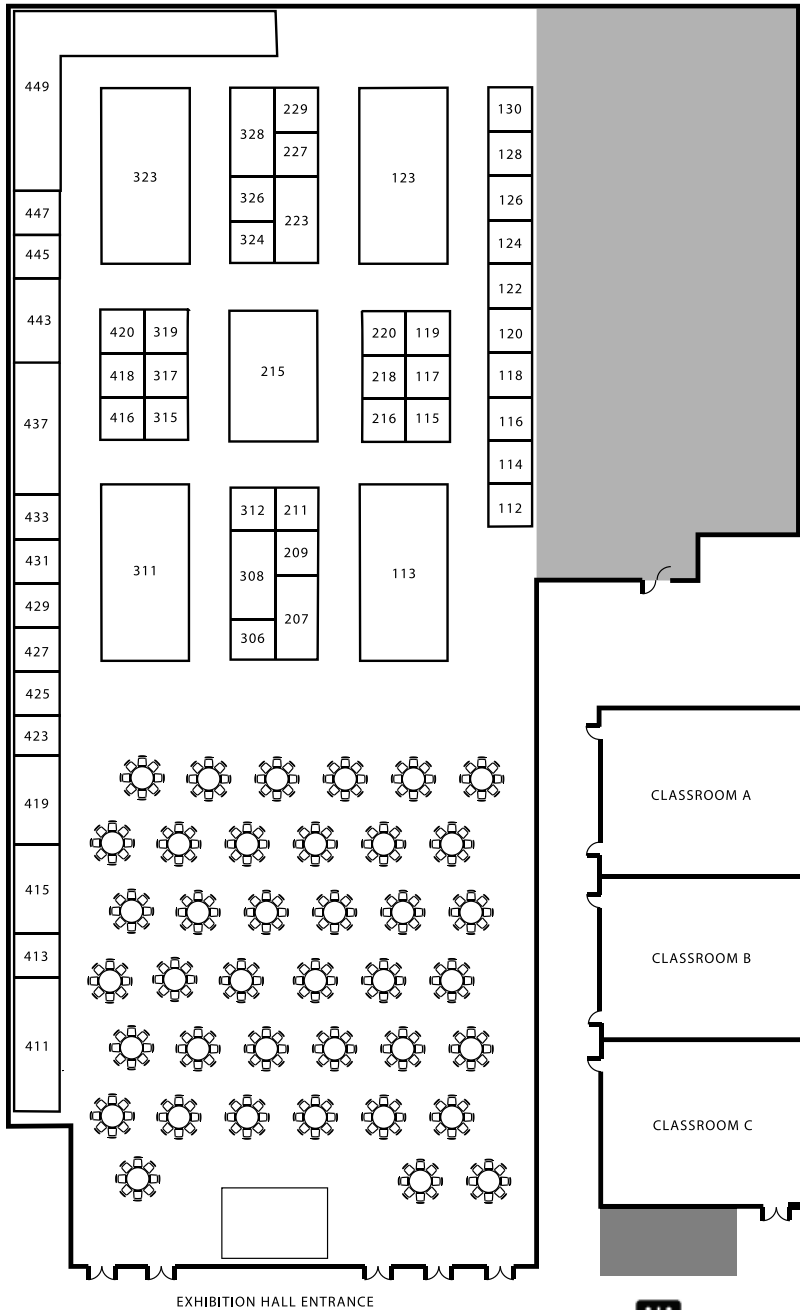
Preregistration closes on February 7, 2020

VENUE & LODGING



▶ PANORAMIC VIEW

30 FT. CEILING HEIGHT / 45,000 SQ. FT.



DINNER BANQUET

Wednesday Night @ 6 PM

Plated Dinner . Program . BINGO . Live Auction

The exhibit hall space can hold over 75 oversized booth spaces and 350 square feet for equipment or trailer displays. We are looking for the exhibition hall to be a dynamic and energetic space throughout the show hours.

In addition to the meals being served with the exhibits, the classrooms are located adjacent to the hall which will allow for quick and easy access in and out between classes.

COURSE TRACKS

ALL COURSES ARE ONE HOUR OF VOCATIONAL AND CONTINUING EDUCATION CREDIT IN VIRGINIA (1.0 CEU)

All other state approvals will vary with each state. Information on additional state approvals will be available at the beginning of January.



TRAINEE TRACK

Classroom A

BASIC PUMP DESIGN & OPERATION

WED (2/19) | 2:00 PM – 3:00 PM
THR (2/20) | 3:15 PM – 4:15 PM

This course will present the overall technology behind submersible pumps, how to design the pumping system for the desired flow and operation.

DPOR LICENSING BASICS

WED (2/19) | 12:30 PM – 1:30 PM
THR (2/20) | 9:00 AM – 10:00 AM

This course is the first of a two part course pertaining to licensing basics for contractors by the state and then to go into depth of what is required for legal contracts.

DRILLING SAFELY

WED (2/19) | 8:00 AM – 9:00 AM
THR (2/20) | 10:30 AM – 11:30 AM

To educate drilling and well servicing companies about some of the industry's best practices and regulations that may affect them.

UNDERGROUND UTILITY DAMAGE PREVENTION ACT

WED (2/20) | 4:00 PM – 5:00 PM
THR (2/20) | 2:00 PM -3:00 PM

Course will cover the Miss Utility/811 process in Virginia and the laws that are associated. A roundtable discussion will also be held.



JOURNEYMAN TRACK

Classroom B

LOCATING HIGH YIELD WELLS

WED (2/19) | 8:00 AM – 9:00 AM
THR (2/20) | 10:30 AM – 11:30 AM

This class will summarize groundwater prospecting techniques including fracture analysis, accessing geologic information from Google Earth, geophysical surveys and Yield and Drawdown methods with interpretation of results and how the information helps in maintaining production of wells for the long-term.

RESIDENTIAL PRESSURE BOOSTING

WED (2/19) | 12:30 PM – 1:30 PM
THR (2/20) | 9:00 AM -10:00 AM

This course will cover why you need a booster pump, which booster pump is best and appropriate for various systems. How to size the booster pump and water tank. How to read pump curves and understand how to size a pump given incoming or no incoming pressure.

RIG MAINTENANCE

WED (2/19) | 4:00 PM – 5:00 PM
THR (2/20) | 2:00 PM - 3:00 PM

This course will provide an overview on rig maintenance and common troubleshooting techniques on the jobsite.

WELL REHABILITATION

WED (2/19) | 2:00 PM – 3:00 PM
(NO REPEAT)

This course will discuss the methods used to rehabilitate water wells along with the benefits of well rehabilitation and maintenance.

BROCK YORDY

THR (2/20) | 3:15 PM – 4:15 PM
(NO REPEAT)

This course will discuss the viability of a water well career and his parth and passion in this field.



MASTER TRACK

Classroom C

ADVANCED WELL DEVELOPMENT IN COASTAL PLAIN AQUIFER

WED (2/19) | 8:00 AM – 9:00 AM
THR (2/20) | 3:15 PM – 4:15 PM

This course will speak to advanced well development techniques in porous media aquifers, such as swabbing and jetting, removes drilling fluids from well screens, gravel pack and borehole wall which improves specific capacity.

SWaM AND eVA REGISTRATION

WED (2/19) | 12:30 PM – 1:30 PM
THR (2/20) | 2:00 PM – 3:00 PM

This course will provide training for contractors to know how to market their company's services.
1. Benefits of SWAM and Micro Certifications for small business.
2. Navigating eVA (Virginia's e-procurement portal)
3. How to find potential business with state and local government agencies.

VDH: PRIVATE WELL REGULATIONS UPDATE

WED (2/19) | 2:00 PM – 3:00 PM
THUR (2/20) | 9:00 AM – 10:00 AM

The Private Well Regulations have undergone a major revision and update, the first since their release in 1991. The course will discuss the pending changes and discussions that were held by their representatives and how that affects their job.

WATER QUALITY: MINERALS & TREATMENTS

WED (2/19) | 4:00 PM – 5:00 PM
THR (2/20) | 10:30 AM – 11:30 AM

This course will provide training on advanced water quality techniques to understand minerals and the way to treat and troubleshoot.



BONUS TRACK

Classroom D

DPOR CONTRACTS

WED (2/19) | 4:00 PM – 5:00 PM
THR (2/20) | 10:30 AM – 11:30 AM

This course is a two part to first repeat previous course pertaining to licensing basics for contractors by the state and then to go into depth of what is required for legal contracts.

EFFECTS OF WATER TREATMENT ON SEWAGE SYSTEMS

WED (2/19) | 12:30 PM – 1:30 PM
THR (2/20) | 2:00 PM – 3:00 PM

This course will demonstrate the basics of water treatment systems and how they interact and effect your customer's sewage system.

FEEDBACK: HOW IS YOUR ASSOCIATION WORKING FOR YOU?

THR (2/21) | 4:30 PM – 5:30 PM

This course is an informal platform for attendees, exhibitors and any participants of the conference to discuss concerns or issues related to the groundwater industry.

FUNDING OPTIONS FOR PRIVATE WELL OWNERS

WED (2/19) | 8:00 AM – 9:00 AM
THR (2/20) | 3:15 PM – 4:15 PM

This course will cover how the Southeast Rural Community Assistance Project (SERCAP) can help well drillers inform the homeowner about funding sources available - whether it be a well grant or loan.

LEGAL & LEGISLATIVE ISSUES FACING THE WATER WELL INDUSTRY

WED (2/19) | 2:00 PM – 3:00 PM
THR (2/20) | 9:00 AM – 10:00 AM

This course will discuss current legislation effecting the water well industry. Legal updates will also be provided. Water Systems Council will have a new publication on fighting mandatory hook up that will be distributed and spoken on.

COURSE DIAGRAM

ALL COURSES ARE ONE HOUR OF VOCATIONAL AND CONTINUING EDUCATION CREDIT IN VIRGINIA (1.0 CEU)

All other state approvals will vary with each state. Information on additional state approvals will be available at the beginning of January.

WEDNESDAY, FEBRUARY 19

	PARLOR A	PARLOR B	PARLOR C	PARLOR D
8:00 AM	DRILLING SAFELY	LOCATING HIGH YIELD WELLS	ADV. WELL DEVELOPMENT IN COASTAL PLAIN	FUNDING OPTIONS FOR PRIVATE WELL OWNERS
9:30 AM	ORIENTATION & KEYNOTE ADDRESS: Brock Yordy 1.0 CEU (Exhibition Hall)			
12:30 PM	DPOR LICENSING BASICS	RESIDENTIAL PRESSURE BOOSTING	SWaM CERTIFICATION & eVA REGISTRATION	EFFECTS OF WATER TREATMENT ON SEWAGE SYSTEMS
2:00 PM	BASIC PUMP DESIGN & OPERATION	WELL REHABILITATION (NO REPEAT)	VDH: PRIVATE WELL REGULATIONS UPDATE	LEGAL & LEGISLATIVE ISSUES FACING THE WATER WELL INDUSTRY
4:00 PM	UNDERGROUND UTILITY DAMAGE PREVENTION ACT	RIG MAINTENANCE	WATER QUALITY: MINERALS & TREATMENT	DPOR CONTRACTS

THURSDAY, FEBRUARY 20

	PARLOR A	PARLOR B	PARLOR C	PARLOR D
9:00 AM	DPOR LICENSING BASICS	RESIDENTIAL PRESSURE BOOSTING	VDH: PRIVATE WELL REGULATIONS UPDATE	LEGAL & LEGISLATIVE ISSUES FACING THE WATER WELL INDUSTRY
10:30 AM	DRILLING SAFELY	LOCATING HIGH YIELD WELLS	WATER QUALITY: MINERALS & TREATMENTS	DPOR CONTRACTS
2:00 PM	UNDERGROUND UTILITY DAMAGE PREVENTION ACT	RIG MAINTENANCE	SWaM CERTIFICATION & eVA REGISTRATION	EFFECTS OF WATER TREATMENT ON SEWAGE SYSTEMS
3:15 PM	BASIC PUMP DESIGN & OPERATION	BROCK YORDY (NO REPEAT)	ADVANCED WELL DEVELOPMENT IN COASTAL PLAIN	FUNDING OPTIONS FOR PRIVATE WELL OWNERS
4:30 PM	FEEDBACK: HOW IS YOUR ASSOCIATION WORKING FOR YOU? (NO REPEAT)			

All courses are one hour in length and have at a minimum 15 minute break between classes. In order to receive credit for each course you must not miss more than ten minutes of classtime and sign the class roster in addition to having the proof of attendance form signed by the appointed director or speaker. All speakers provide education based on their expertise within the industry or associated profession.

SCHEDULE DIAGRAM

WEDNESDAY, FEBRUARY 19					THURSDAY, FEBRUARY 20					
Parlor/Rooms	A	B	C	D	A	B	C	D	Parlor/Rooms	
7:00:00 AM					Breakfast & General Meeting					7:00:00 AM
8:00:00 AM										9:00:00 AM
9:30:00 AM	ORIENTATION & KEYNOTE ADDRESS (Exhibition Hall)								10:30:00 AM	
10:30:00 AM	Trade Show Grand Opening								11:30:00 AM	
11:30:00 AM	Lunch in Exhibition Hall				Lunch in Exhibition Hall					11:30:00 AM
12:30:00 PM					Trade Show Closes At 2 PM					
2:00:00 PM										2:00:00 PM
4:00:00 PM									3:15:00 PM	
5:00:00 PM	Cash Bar With Exhibitors									4:30:00 PM
6:00:00 PM	DINNER BANQUET Bingo & Live Auction (Exhibition Hall)									

The two-day conference will begin with registration opening each morning at 7:00 AM. Wednesday will have courses open at 8:00 AM continuing on until 5:00 PM. After the Keynote Address by Brock Yordy, the Trade Show will open promptly at 10:30 AM with dedicated time to enjoy the festivities. The Happy Hour with the Exhibitors will be open in the Exhibition Hall at 5:00 PM until the Dinner Banquet begins at 6:00 PM.

Thursday morning opens with registration at 7:00 AM and an immediate country-style breakfast for everyone in the Exhibition Hall. Following the breakfast, an informative General Meeting will be held. Stay and participate as members of the association! The exhibit hall will be open all morning with classes beginning at 9:00 AM and continuing until 5:30 PM. Be sure to speak to all the exhibitors and see the equipment before the hall closes at 2:00 PM.

Trade Show Hours	
WED	10:30 AM - 12:30 PM
2/19	1:30 PM - 2:00 PM
	3:00 PM - 4:00 PM
THR	8:30 AM - 9:00 AM
2/20	10:00 AM - 10:30 AM
	11:30 AM - 2:00 PM

- Trainee Course Track
- Journeyman Course Track
- Master Course Track
- Bonus Course Track

TIERED SPONSORSHIP LEVELS AVAILABLE

BRONZE \$200 . SILVER \$500 . GOLD \$1,000 . PLATINUM \$2,500 . DIAMOND >\$2,500

REGISTRATION INFORMATION

CONFERENCE SCHEDULE

WEDNESDAY, FEBRUARY 19

- 7:00 AM - 5:00 PM** REGISTRATION OPENS
- 8:00 AM - 10:30 AM** EDUCATION SESSIONS
- 9:30 AM - 10:30 AM** **ORIENTATION & KEYNOTE ADDRESS**
- 10:30 AM - 5:00 PM** EXHIBITION HALL OPEN
- 11:30 AM - 12:30 PM** LUNCH
- 12:30 PM - 5:00 PM** EDUCATION SESSIONS & EXHIBITS
- 5:00 PM - 6:00 PM** CASH BAR
- 6:00 PM - 10:00 PM** DINNER BANQUET

THURSDAY, FEBRUARY 20

- 7:00 AM - 5:00 PM** REGISTRATION OPENS
- 7:00 AM - 8:30 AM** BREAKFAST & GENERAL MEETING
- 8:30 AM - 2:00 PM** EXHIBITION HALL OPEN
- 9:00 AM - 11:30 AM** EDUCATION SESSIONS & EXHIBITS
- 11:30 AM - 12:30 AM** LUNCH
- 2:00 PM** EXHIBITION HALL CLOSES
- 2:00 PM - 5:30 PM** EDUCATION SESSIONS ONLY

As a **Contractor Attendee**, the annual conference is designed to provide various courses which can reinforce your understanding and challenge you to understand from a different perspective. With 19 course options, you are sure to walk away with an appreciation for the value in attending conferences - networking and talking face-to-face with the manufactureres and suppliers that support your business and work to help you succeed.

MEMBER \$150 / NONMEMBER \$200

As an **Associate Attendee**; Licensed Onsite Soil Evaluator, Health Sanitarian or Realtor, you can see first hand the processes, components and design behind the water well construction and the regulations that govern the profession. With access to the exhibition hall and networking with licensed contractors, you are sure to leave with a relationship and greater understanding of this vital industry to better serve your clientele.

MEMBER \$100 / NONMEMBER \$125

There are registration options for children, or anyone wanting to walk the exhibit hall and attend the banquet dinner. Forms and payments can be mailed, faxed or emailed. Checks are preferable but credit cards are accepted.

VVWA
PO BOX 1170
POWHATAN, VA 23139

eMAIL
INFO@VAWATERWELLASSOCIATION.ORG
FAX: (804) 302-7978

After ORIENTATION do not miss this year's

KEYNOTE ADDRESS

BROCK "BO" YORDY



In the drilling industry, experience is knowledge, and that's what Brock Yordy wanted. The desire to experience every drilling condition and drilling method are what drove Brock to volunteer for the toughest drilling projects around the world. Brock has



been very fortunate to be mentored and work alongside the very best men and women at Baroid IDP, Laibe Corp, GEFCO, the United States Military, Department of Labor,

large mining companies, and drilling companies. He has treated all of this experience like a graduate school of industrial drilling. Brock is the global drilling subject matter expert and drill trainer for the United States Military. He also teaches drilling for the Department of Labor and Western Michigan University. Brock is an active trainer, consultant, and industry social media influencer with "Ask Brock," and writer for National Driller Magazine. He is very excited to be teaching at the Virginia Winter Conference.

BROCK@GLOBALDRILLTRAINING.COM
(269) 348-5156

"Experience is what you get when you didn't get what you wanted."



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PO BOX 1170 POWHATAN, VIRGINIA 23139



KEYNOTE ADDRESS 2/19/20

BROCK YORDY

Global Drill Training



We are planning for 350 at a minimum and hope to exceed this by advertising to other industries, affiliated professions, new exhibitors and nonmembers across Virginia and through the surrounding states.

PAST TOTAL ATTENDANCE



See you there!!

Please register today and let us know you are coming!

Bring new employees to see what our industry has to offer and to start them on their way to beginning relationships with not only licensed Water Well System Providers but licensed Onsite Soil Evaluators, Geologists, Scientists, Realtors, and the local youth and young adults from neighboring schools.

hope to see you there!

We are excited and looking forward to go back to Fredericksburg for the VWVA Winter Conference! We Are you ready to kick off 2020?

Greetings,

Preregistration closes **FEBRUARY 7, 2020!**

2:00 PM	EXHIBITION HALL CLOSES
9:00 AM - 5:30 AM	EDUCATION SESSIONS & EXHIBITS
8:30 AM - 2:00 PM	EXHIBITION HALL OPEN
7:00 AM - 8:30 AM	BREAKFAST & GENERAL MEETING
THURSDAY, FEBRUARY 20	
6:00 PM - 10:00 PM	DINNER BANQUET
10:30 AM - 5:00 PM	EXHIBITION HALL OPEN
9:30 AM - 10:30 AM	ORIENTATION & KEYNOTE ADDRESS
8:00 AM - 10:30 AM	EDUCATION SESSIONS
7:00 AM - 5:00 PM	REGISTRATION OPENS
WEDNESDAY, FEBRUARY 19	

CONFERENCE SCHEDULE

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