



HoleTalk

Winter 2018
Published Quarterly

www.nywelldriller.org

ESWWDA Annual Meeting

TURNING STONE RESORT | CASINO - SHENANDOAH CLUBHOUSE

January 15-16, 2019

The 2019 ESWWDA annual meeting is returning to **Turning Stone Resort | Casino**, which is located just minutes off exit 33 of the NYS Thruway.

The award-winning **Turning Stone Resort | Casino** is nestled in the heart of Central New York. The 3,400 acre resort features luxurious hotel accommodations, a full-service spa, gourmet and casual dining options, celebrity entertainment, five diverse golf courses, an exciting nightclub, and a world-class casino.

All of the ESWWDA functions will take place at the **Shenandoah Clubhouse** adjacent to the Lodge and Casino. Wherever you choose to stay, shuttles are available to take you to and from the different sites.



Tuesday will be packed with educational classes during the day. In the late afternoon we will begin the **Supplier and Manufacturer tabletop displays**.

The evening will end featuring a combination of live and silent auctions. **Wednesday** morning at the **General Membership meeting** we will have guest speakers including **Terry Morse**, CEO of NGWA, and **Mark Glaser** from Greenberg Traurig, LLC.

There will also be a presentation from **Dan Hushion**, a Risk Consultant from A.J. Gallagher, on *Controlling Workers' Compensation Cost through Audit Advocacy and Experience Modification Analysis*.

See page two (2) for the complete meeting itinerary, room rates and directions. **There is a charge of \$30 for all non-members to attend on Tuesday, payable at the door.** All ESWWDA Contractor members and Associate members in good standing, are free to attend. *The Primer Class incurs an additional fee.*



Mission

The ESWWDA is committed to taking a leadership role in protecting our natural resources through the promotion of the ground water industry. It strives to support a spirit of cooperation, communication, and education within the industry and with the consumers and regulatory agencies.

Please call 800.771.7711 to make a reservation.

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Annual Meeting Itinerary

2019 Empire State Water Well Drillers Association

Tuesday, January 15th

7:30 am **ESWWDA Board Meeting**

9:00 am – 1 pm **Henry Boyd**, MGWC – General Drilling Knowledge & Pump Certification Primer (Additional fees for this course. See page 9 for details.)

11:00 am – Noon **Rich Moravec**, MGWC/PG – *Well Disinfection/Eliminating High Total Coliform/E-Coli Counts – What You Need to Know for Successful Chlorination*

12:30 pm – 1:30 pm **Jim Hartmann**, Franklin Electric – *Permanent Magnet Motors – Bringing a New Level of Motor Efficiency*

1:30 pm – 2:30 pm **Richard Mest**, Master Water Conditioning Corporation – *Ultra Filtration – Using Today's Technologies to Treat Turbid Waters*

2:30 pm – 4:30 pm **Mike Miller**, Bariod Industrial Drilling Products – *Flowing Well Controls – Methods & Procedures to contain Flowing Wells*

4:30 pm – 7:30 pm **Supplier Cocktail Party & Trade Show** with Silent/Live Auction

Wednesday, January 16th

9:00 am **ESWWDA General Membership Meeting**

Speakers: **Terry Morse**, NGWA CEO

Mark Glaser, Greenburg Taurig – *NYS Legislative Update*

Dan Hushion, Risk Consultant from A.J. Gallagher on *Controlling Worker's Compensation Cost Through Audit Advocacy an Experience Modification Analysis*

Location: Turning Stone Resort & Casino

5218 Patrick Road, Verona, NY 13478

1-800-771-7711 ~ www.turningstone.com

Directions: Take the New York State Thruway (Interstate 90) to Exit 33 (Verona-Rome). At the exit turn left. At the first traffic light, turn left again. If you can spot the 19-story Tower Hotel at the Turning Stone Casino Resort, you are headed in the right direction. Follow the signs for directions to different buildings, parking garage and free parking areas. Valet parking is also available for a minimal fee.

For road conditions, phone **800-THRUWAY**.

Accommodations:

A block of rooms with special rates have been set aside for Monday, January 14 through Wednesday, January 16, 2019. Please make your reservations early. **The block of rooms expire by 5 pm on December 17th.** After December 17th the room rates will be at standard rates based upon availability. Make sure to mention ESWWDA to obtain the special group rate pricing.

*All activities and meetings will be held in the **Shenandoah Clubhouse** located adjacent to the Lodge.*

Hotel Rooms: \$117.00 per night plus tax
Tower Rooms: \$139.00 per night plus tax
Lodge Rooms: \$219.00 per night plus tax

2018

Board of Directors

President

Jim Wild, Jim Wild Well Drilling

PO Box 131 Gardiner, NY 12525

845-255-4155 • Jimwildwelldrilling@gmail.com

Vice President

Tyler Wills, MGWC, Smith Well Drilling

PO Box 585, Niverville, NY 12130

518-758-6142 • Driller1234.tw@gmail.com

Past President

Walter Wyckoff, CWD/PI

Aqua-Tec Water Services Inc.

146 Polen Hill Road, Gilboa, NY 12076

607-588-9413 • kristen.wyckoff@yahoo.com

Secretary / Treasurer

Charles W. Crover, CWD/PI

Roarke Well Drilling, Inc.

431 Scotchtown Ave., Goshen, NY 10924

845-783-9355 • Fax: 845 783-2331

ChuckC@RoarkeWellDrilling.com

ESWWDA Correspondence Manager

Julie Boyd

1054 Route 52, Carmel, NY 10512

845-225-3196 • Julie@nywelldriller.org

ESWWDA Assistant Correspondence Manager

Susan Bates

900 N James St., Rome, NY 13440

315-339-8960 • sue@nywelldriller.org

3 Year Directors

Dave Rosick, CWD/PI, Rosick Well Drilling, LLC.

518-746-0173 • rosickdrilling@yahoo.com

Jeremy Baldwin, MGWC, Hawk Drilling Co., Inc.

518-885-7952 • hawkdrilling@aol.com

2 Year Directors

William Frey, MGWC, Frey Well Drilling Inc.

716-937-7977 • DrillerFrey@aol.com

Rus Turnbull, CWD/PI, Turnbull Well Drilling Assoc. LLC

845-406-0225 • Rus@Turnbullwelldrilling.com

1 Year Directors

Mike Palleschi, CPG, CWD

Senior Geologist, Alpha Geoscience

518-348-6995 • mpalleschi@alphageoscience.com

Chris Root, Root Contracting,

585-593-4304 • droot@eznet.net

Supplier Directors

David Chugg, Ground Water Systems, Inc.

585-746-8055 • dchugg@groundwatersystemsinc.com

Bernie Kistner, Group One Northeast, Inc.

845-473-1969 • bckistner@aol.com

Jeff Quinn, Preferred Pump

603-931-0835 • jquinn@preferredpump.com

Dave Keough, Blake Equipment

845-258-7867 • Dave.Keough@blakeequip.com

Values

The Board of Directors and membership of E.S.W.W.D.A. believe in the promotion of the ground water industry through:

**Professional Standards • Communication
Education • Integrity • Affordability**

The President's Thoughts Cost of Drilling

The 2018 summer started off dry with the exceptions of August and September. These months were designed for those “@#%ing” mats to keep rigs from getting stuck. In the lower Hudson Valley record rain fall in September was set. But as the old saying goes “you can’t do nothing about the weather.”



While I am not suggesting we all need to buy new rigs, I am saying that our profit to debt ratio on new equipment needs to be closely watched and scrutinized to see what we will be using for drilling wells in the future for our companies. Even a few hundred thousand dollars and tying up a rig for a month or more on the repairs may be a struggle.

In this fast-changing world, it comes to mind, that sometimes the obvious goes by us all faster and more unnoticed than what we may like. I am referring to the economy and the way our industry as water well contractors has slipped through our grasp.

There is a new movement to refurbish drill rigs. This can prove to be a very wise move for many drillers and companies. The fire truck manufacturers have done it, however, that has quieted down by a great deal. The questions are, how far can and does one go in rebuilding your rig? Do you start with tires or the sprockets on the top of the mast? Either end is costly. But bear in mind, that rig is still the same year it was when bought new.

I understand that new rigs are \$900,000- \$1M and a rebuild can be a few hundred thousand dollars. Your accountant will tell you that rebuilding is repairing and will be 100% deductible and that is a plus. But what happens when the rig manufacturers stop selling new rigs, where will the parts come from? There are fewer and fewer rig manufacturers as time goes by. It can be difficult for some folks now getting parts. For instance, I recently had to replace a diesel fuel tank on a 1999 Ford 550 Pump Hoist. I was forced to purchase all aftermarket. Ford had none in stock, or discontinued. To me, this is very scary.

The cost of some of the fancier pick-up trucks today are crowding what a rotary rig cost in the mid-1970's. In 1975, you could purchase a new rig for \$90,000 and in 2018 rigs are \$900,000. Cable Tool rigs are in the same boat. In 1973, a new rig was around \$20,000. Drilling was \$6.00 per foot, now a rebuilt rig is \$100,000 and drilling is \$18.00 per foot.

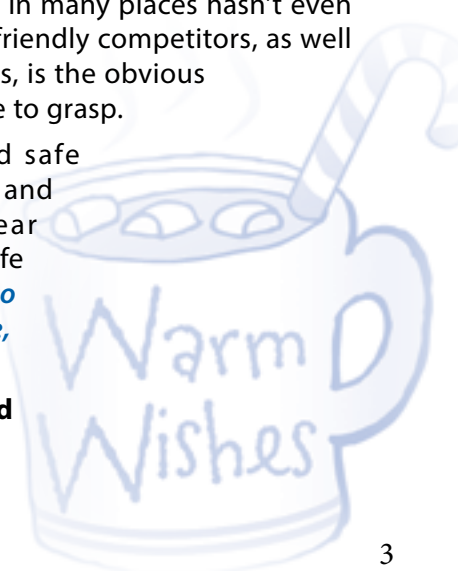
The cost of drilling hasn't kept in sync with the inflation that we have seen. The one thing that has helped is production has increased, but that has a cost also: more fuel, higher prices for bits, hammers, and rigs as well as trucks under them.

I am unsure what is the answer, but the best indicator is to quietly look at your competition and see where their downfall occurred, because as I see it, there are less and less of us each year. Some factors could be from the costly repairs, the time affiliated of the repairs, and lost wells due to the customers being unable to wait while the rig is down.

One good thing about this bleak, dismal conversation is that the price of used rigs is high, many are worth 75% of their value from when purchased new. However, the new rigs are many times more than the dollar figure that those rigs were purchased for and the price of drilling in many places hasn't even doubled. And that, my friendly competitors, as well as my fellow well drillers, is the obvious that we failed to be able to grasp.

I wish all a happy and safe fall, peaceful holidays, and a prosperous New Year with good health and safe surroundings. *Hope to see you at Turning Stone, January 16, 2019*

President James Wild



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ESWWDA Fall Meeting

October 12-13, 2018 - Last Chance Antiques/Cheese Café and Hunter Mountain Resort, The Catskills

President James Wild called the **October meeting of the Empire State Water Well Drillers Association** to order at 9:25 a.m. on **October 13th** with 27 members in attendance.

All discussions were tabled while **President Wild** and **Kristen Wyckoff** introduced **Alex Bartholomew, New Paltz University Department of Geology**. His presentation was interesting and informative and gave a whole new spin on data from past presenters. It not only focused on the Catskill region but the entire globe. He was very well received.

A roll call of officers showed the following **Board members** to be in attendance:

James Wild, President

Tyler Wills, Vice President

Walter Wyckoff, Past President

Susan Bates, Asst. Correspondence Manager

Jeremy Baldwin, Director

David Keough, Director

Kristen Wyckoff made a motion to accept the reading of the minutes as they appeared in the last edition of **Hole Talk**. **Tyler Wills** seconded the motion. With no corrections or additions, the motion was carried.

In the absence of **Chuck Crover**, Treasurer, **President Jim Wild** reported that we are working mainly within the budget with additional monies being directed to our legal representatives for DEC and legislative issues. **Susan Bates** reported that copies of the treasurer's report are available upon request.

President Wild thanked today's speaker as well as **Kristen** and **Walter Wyckoff** for putting together and hosting the meeting.

Communications: The marriage of **David Chugg** and **Rikki Bruckman**

took place on 9/21/2018. **Congratulations to the happy couple.**

Sickness and Health: Continued prayers and well wishes to **Rikki Bruckman-Chugg** for a full and speedy recovery. Well wishes to **Tim Utter** as he recovers from back surgery.

Insurance: **Analisa Jesco** reported that Liberty Mutual is now offering a loss of income policy. Call Analisa if you have questions or are interested. She also noted that Liberty Mutual paid out over \$5 million in well drilling injuries between 2013 and 2018.

Membership: **Sue Bates** reported the **current membership** total to be **325**. Of that total, 289 are paid to date and 36 remain unpaid. 2019 dues will be mailed in mid November.

Scholarship: **Tyler Wills** reported on behalf of the committee that they had approved one scholarship

2018 SUMMER EXPO, Thank you!

At this time ESWWDA and expo committee want to thank all manufacturers, distributors/suppliers for their donations.

We all know that without their support and generosity, this Expo and continuing education seminars would not exist in this fashion.

*Gefco Manufacturing, 40 K Air Rotary Rig Demo, **Mike & Chip**

*Baker Manufacturing, **Seth Scholz, Dave Chugg, Bernie & Group One**

*Goulds/Xylem, **Jeff Rook**, for the 15 HP drive

*Morris Industries, 8 inch pipe

*F. W. Webb, **Josh Herringshaw**, 15 HP pump unit and water meter

*Flomatic, **Jim Tucci**, Control valves in Demo

*Baroid, **Dennis Duty**, Drilling Products

*Roarke Well Drilling, **Chuck Crover & Adam**, Pump Hoist

*Rigid Tool, Demo pipe beveler

*Taylor Welding

*All of the **Suppliers/Manufacturers** who donated monies for the golf outing

***Danny Boyd**, Boyd Artesian Well Co., helped drill the well prior to the expo

Thanks to all the committee members, **Jeff Quinn, Chris Root, Dave Root, Tyler Wills**

A special Thank you to all of the **Attendees** who showed their support for the association, their Industry and their livelihood

Thank you to the **Cronin Family** for their hospitality and generosity.

The Expo Committee

2019 Slate of Officers

President **Jim Wild**

Vice President
Tyler Wills, MGWC

Secretary/Treasurer
Charles Crover, CWD/PI

3-Year Directors
Mike Palleschi, CPG/CWD
Chris Root, CWD/PI

2-Year Directors
Dave Rosick, CWD/PI
Jeremy Baldwin, MGWC

1-Year Director
William Frey, MGWC
Rus Turnbull, CWD/PI

application and it goes to **Emily Skowfoe**. The Board also approved.

Government Affairs: **Jeff Smith** is working with the **DEC** and **Jim Garry** to update the **Pump Test Procedures** and flow test changes. *Be sure to renew and replace DEC stickers before January 1, 2019.*

NEWWA: In **Henry Boyd's** absence, **Sue Bates** reported that the **2019 NEWWA Expo** would be held on **March 8-9, 2019** at the **Best Western Royal Plaza Trade Center** in Marlborough, MA.

The **Kids Water Drop scavenger hunt** was a huge success and will be held again in 2019. A few complaints on the 2018 floor plan are being looked at and the plan will be reworked for 2019. The **ESWWDA** received a check for **\$2500.00** for our participation in the event. Anyone who has suggestions or constructive criticism please contact **Henry** or **Julie Boyd**.

Budget and Finance: In **Chuck Crover's** absence, **President Jim Wild** gave the treasurer's report. Copies are available upon request, contact **Sue Bates**.

Education: **Henry** and **Julie Boyd** will be giving review class at the **annual meeting**. *Pre-registration is required.* Contact **Julie** at **845-225-3196** or email **julie@nywelldriller.org**.

Classes and presentations are being put together. Details will be on the website and included in the Winter issue of **Hole Talk**.

NGWA: The **NGWA Ground Water Expo** will be held in Las Vegas on **Dec.3-6**. See **www.ngwa.org** for more details and for registration information. The affiliate states organization has 24 delegates available to vote at the meeting. See **Sue Bates** to add your name to the list, or register at the delegates booth when you are there.

WSC: Nothing to report

Continuing Education: Classes will be held at the **annual meeting** and will be posted on the Website and in the winter issue of **Hole Talk**.

Past Presidents: Nothing to report

Hole Talk: Next deadline is **November 1st**

Public Information: The website is working well with numerous hits and

inquiries. Please contact **Sue Bates** at **sue@nywelldriller.org** with any updates or corrections.

DOT Issues: Nothing to report

Old Business: The **annual meeting** will be held at the **Turning Stone Casino** on **January 15-16, 2019**; The spring meeting will be in the downstate area and hosted by **Chuck Crover** and **Jim Wild**; the **summer meeting** is tentatively in the mid-state and hosted by the **Smiths**; the **fall meeting** will be in the **Letchworth State Park** area hosted by the **Willey family**.

New Business: **President Jim Wild** will be working with the board to compose a letter to the Governor voicing recent concerns and complaints over the road salt intrusion into water wells. This has become a state-wide issue. The letter is to go to our attorneys prior to being submitted.

A motion to adjourn was made by **Kristen Wyckoff** and seconded by **Tyler Wills** at 11:20 a.m.

Respectfully Submitted,
Susan Bates

Assistant Correspondence Manager 


Spring 2019 Meeting



The **spring meeting** of the **Empire State Water Well Drillers** will be held on **Saturday, April 13** in Middletown, NY. The **General membership** meeting will be held at the **Microtel Inn & Suites** starting at **9 a.m.** The membership meeting will end by noon. The first 49 attendees who have pre-registered, will board **a tour bus provided by the Suppliers Division** for **West Point**. Box lunches will be provided on the bus. At West Point we will have a guided tour of the grounds and access to the museum. It is a great tour if you have never been.

To attend the tour, you must pre-register by calling **Julie Boyd** at **845-225-3196** **before March 31, 2019**. Julie will need your full name,

date of birth, and what form of US ID you will be using (driver's license or passport). *You must have that form of ID with you for the tour.*

You can make room reservations at the **Microtel Inn & Suites** located at **19 Crystal Run Crossing** in Middletown, New York. The room block for double queens at a rate of **\$89.00** per night plus taxes and **will be available until March 31**. When you call **845-243-6040** to make reservations, please refer to the **ESWWDA Meeting** block. 



ESWWDA Values

The Board of Directors and membership of E.S.W.W.D.A. believe in the promotion of the ground water industry through:

Professional Standards ◦ **Communication**
Education ◦ **Integrity** ◦ **Affordability**

MEMBERSHIP REPORT November 2018

New Members this quarter = 2

CATEGORY	PAID	UNPAID	TOTAL
Contractors	171	21	192
Suppliers/Manufacturers	52	5	57
Associates	68	10	78
	===	===	==
Total Members	291	36	327

Payments may be made by mailing checks to:
ESWWDA, 1054 Route 52, Carmel, NY 10512
PayPal at www.nywelldriller.org

Welcome New Members

CONTRACTOR

Adam Margiotta

Test Pit Corporation
1 Penn Plaza, Suite 6264
NY, NY 10019
(joined through the website)

TOTAL NEW MEMBERSHIP FOR 2018

1st quarter	=	8
2nd quarter	=	3
3rd quarter	=	7
4th quarter	=	2

SUPPLIER

David Bruce

Aquaflow Pump
841 Rt 6
Shohola, PA 18458
(joined at fall meeting)

20

2018 ESWWDA Committees

Scholarship

Chairman David Rosick 518-746-0173
Tyler Wills 518-758-6142

Education

Chairman Henry Boyd 845-225-3196
Jeremy Baldwin 518-885-7952
Sandra Baldwin 518-396-9499
Brian Frey 716-937-7977

Membership

Chairman Sue Bates 315-339-9060
Bill Frey 716-937-7977
Chris Root 585-593-4309
Dave Chugg 585-746-8055

Insurance & Safety

Chairman Analisa Jesco 888-869-3535
Jeff Smith 518-758-6142
Chuck Crover 845-783-9355

Licensing

Chairman Janice Hawk-Baldwin 518-885-7952
Jeff Smith 518-758-6142
All Board of Directors

NEWWA

Chairman Henry Boyd 845-225-3196
Julie Boyd 845-225-3196
Alt. Jeff Smith 518-758-6142
Rus Turnbull 845-406-0225

Liaisons to NGWA

Chairman Jeff Smith 518-758-6142
Chris Root 585-593-4304
Henry Boyd 845-225-3196
Dave Rosick 518-746-0173

Budget & Finance

Chairman Chuck Crover 845-783-9355
Bernie Kistner 845-473-1969
Annalisa Tesco 888-869-3535

Hole Talk

Chairman Julie Boyd 845-225-3196
Sue Bates 315-339-8960

By-Laws

Chairman Tony Ferraioli 518-861-8733
Henry Boyd 845-225-3196
Tyler Wills 518-758-6142

Environment

Chairman Henry Boyd 845-225-3196
David Rosick 518-746-0173

DOT

Chairman Mike Frey 845-496-2131
Jeremy Baldwin 518-885-7952
Brian Frey 716-937-7977
Chris Root 585-593-4309

Supplier's Division

Chairman Bernie Kistner 845-473-1969
Dave Chugg 585-746-8055
Jeff Quinn 603-418-5625
Dave Keough 845-258-7867

WSC

Chairman Jeff Smith 518-758-6142
Rich Moravec 315-536-3911

ESWWDA & You ... A Smart Alliance

The industry is in an era of change. To understand the changes taking place and to lead the industry through its transitions, drillers need to access the best minds available - each other.

That's why your affiliation with the ESWWDA is a smart investment. It's an alliance of individual drillers that work for you and with you.

Your membership gives you access to programs and services specifically formulated for the professional growth and success of water well drillers and pump installers.



The association provides:

- **Educational programs in:** water well drilling, pump installation, general management.
- **Informative newsletter:** *Hole Talk* covers local, state and national issues and news.
- **Annual Tuition Scholarships**
- **A united voice:** ESWWDA speaks for drillers on issues of far reaching impact.
- **A voice:** A vote on the direction ESWWDA takes.

Join or renew your membership and keep this powerful alliance alive! 

ESWWDA

Affiliate State Membership Application Empire State Water Well Driller's Association ° Organized 1941

Name: _____

Date: _____

Street: _____

Work Phone: _____

City: _____ State: _____ Zip: _____

Cell Phone: _____

County: _____

FAX: _____

Business Name: _____

E-mail: _____

Contractor/Driller \$125

National Member Yes No

Pump Installer \$125

CWD# _____

Supplier/Manufacturer \$125

CPI# _____

Associate Company Member \$25

NYS DEC Reg. #: _____

Sponsor: _____

Dues are NOT Tax Deductible

Mail application to: **Susan Bates, 900 N James Street, Rome, NY 13440** (checks payable to: **ESWWDA**)

Accredited Well Driller/Pump Installer Program

In keeping with our statement to educate and promote the protection and use of groundwater, the following voluntary program was implemented in 2017.

- The program will be managed and record keeping done by the correspondence manager.
- The program will run concurrent with our membership dues (calendar year).
- Participants must be members of ESWWDA in good standing.
- Participants must be registered with NYSDEC or work for a registered company.
- Approved participants will be issued an Accredited number on their membership card.
- Sign an affidavit established for this voluntary program.
- Must submit five (5) continuing education points as established for this voluntary program, obtained during the year prior to renewal.
- Two (2) of the five (5) points must be from an ESWWDA sponsored event.

Points can be accrued by the following methods:

1. Groundwater related conventions/expositions/meetings – one point per day.
2. ESWWDA meeting – one point per day.
3. Workshops/training schools – one point per hour of instruction.
4. High school career day presentation – one point per hour of presentation.
5. Writing an article for a groundwater related publication – two points max per year.
6. Presentation for a community service – one point each presentation.
7. Participation in groundwater related webinar – one point per hour instruction.
8. Presenting an education class or webinar – one point per hour instruction.
9. Other acceptance of points will be at the discretion of Accredited Program committee.

Members can download the voluntary accreditation affidavit and continuing education forms at www.nywelldriller.org or contact Julie@nywelldriller.org.

Empire State Water Well Drillers Association, Inc. 900 N. James Street, Rome, NY 13440



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A General Drilling and Pump Installer Classes Will Be Offered at the Annual Meeting

Tuesday, January 15th

At the Annual meeting of the Empire State Water Well Drillers Association, will be offering classes.

**Pre-registration is required one week in advance
and classes must have a minimum attendance or classes will be cancelled.**

The first two hours of the class, (9 am to 11 am), will cover general drilling knowledge. This will assist individuals in taking the Drilling General Exam and some questions on the General Water Systems Exam. The second two hours of the class, (11 am to 1 pm), will cover more of the Water Systems General and the Pumps, (under 100 gpm), exam for pump installers.

Please note exams will not be given on-site. There will be no Cable Tool or Rotary Classes.

You must schedule for the test on your own and in advance.

Completion of this class and general hands-on experience will enable you to prepare for the required NGWA exams. Certification for any person operating a drill rig or performing pump work is a DEC requirement.

Class size will be limited. **Registration will be \$75 for ESWWDA members and \$175 for non-members.** Any member, who has already taken any classes offered in 2002 through 2018, may **retake these classes for \$40.** Payment can be made with cash, check or credit card (MasterCard or Visa).


Contact **Henry Boyd** or **Julie Boyd** to pre-register at **845/225-3196** or, at **Julie@nywelldriller.org** 



World Wide Drilling Resource

returns to the ESWWDA Annual Meeting on

January 15-16, 2019.

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We all know that home inspections rarely offer detailed information about well systems. I just read a confusing report that stated "multiple spigots were opened and the water ran between 3-5 GPM", but "never dropped below 4 GPM". No information was included about what type of well it was, how deep, where the pump was, or really anything other than they opened some spigots and the water ran. How many of us have had new home owners call us in a panic because they have no water (*"but it passed the home inspection"*)? How about UV lights on dug wells that have failed for E.coli and the new owners had

no idea that they should have had pre-treatment and maintenance for it to work correctly? Or how about storage systems installed on wells that make only a couple gallons per hour? Sadly, some sellers will do anything to get out of a house, including be deceptive about their well, like having it filled before a test. Yes, we have all encountered these issues. And unfortunately, these situations happen most often to new well owners and can leave the impression that wells are complicated or unsafe.

I worked with a drilling company as the receptionist and often got

calls from people who needed their well disinfected or tested. The technicians were usually too busy with installations, so the inspections were either scheduled days/weeks out or referred elsewhere. I decided to get certified and began doing many of the inspections. The more I learned, the more I became adamant about protecting home buyers, educating home owners, and the science of water and paying attention to pH when disinfecting.

Since opening **It is Well Inspection Services, Inc.** in January of 2018, I have run into a wall of misinformation when trying to encourage a real



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well inspection during a real estate transaction. We know that a real well inspection includes total drawdown, recharge, and pump capacity. A home inspection is only required to provide info about whether the well was able to be pumped at a specific rate for a specific time and whether the water was negative for coliform. Some inspectors include pressure monitoring and additional quality testing and do offer due diligence, but I always ask, "can the well do it again?". Without knowing the drawdown and recharge, a home inspector can't say that for certain. Although many home inspectors are willing and interested to learn, others have been adamant that their "well" inspections are sufficient.

I market well testing to home inspectors as an essential service, in combination with the home inspection water testing, to obtain the complete picture of the well and plumbing system. One home inspector friend of mine says he was humbled by what he didn't know, he didn't know. He now markets his water testing as "in-house testing" to get an idea of the internal plumbing capacity and tells the owner that if they would like more in-depth info about the well, he "*knows a girl*".

It has also been a challenge marketing well testing to realtors. I recently hosted a table at a Realtor event and spoke with many about the importance of well testing. Most realtors were emphatic about making sure that anyone who purchases a house with a well gets a well test. They were a little taken aback to hear that a home inspection test is not actually a well test. I explained the difference and offered case studies to reinforce why it is so important, but the conversation would turn to cost and often they were surprised that it could cost "so much". I would challenge that approximately \$350 is a needed investment in protecting their client against a no water situation, ridiculous self-installs, and/or susceptible water.

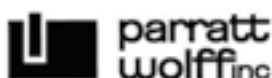
I come across many situations where I think to myself, "if only they had had a well inspection". I did a test on a well in Charlton that showed the well recharged at approximately 5 gallons per hour – the home inspection said the well met their requirement. The well was 400' deep. I also worked with a customer who was trying to sell their house and the water test came back positive for E.coli. Turns out, there were 2 wells on the property

and the previous owner told him that the service well was the one next to the house. Unfortunately, the other well was the service well and was hit by a lawn mower last year. Last week, a young family called me about testing their water because they are trying to sell. They reported that even though they avoided drinking the water, they suffered from chronic diarrhea. The water was negative for coliform, but off the charts for non-coliform bacteria. I should have taken a picture of the inside of the toilet tank.

In all of the above instances, the problems could have been avoided if they had had a well inspection before purchasing the house. Aside from the fact that well inspections are not mandatory, my experiences suggest that industry time is the biggest hindrance. Have you ever had to suggest to a customer that they try disinfecting their own well or have the home inspector check out the water first to see if there is a problem because you just couldn't get there. I get it. Drillers/pump installers don't often have the time or manpower to do low-income jobs like these, particularly as they often require a lot of conversation.

(Well Inspections...continued on page 13)

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Well Inspections . . . Continued from Page 5

For a well inspection, I generally spend as many as 2-3 hours on site, 1 hour for the report, driving time, and 1-2 hours in conversation with the customer, realtor, realty lawyers, sellers, seller's realtor... many companies just don't have the time. Well, I do. I want to help this industry take back what should be ours – well testing.

This is where **It is Well Inspection Services, Inc.** comes in. I monitor drawdown and recharge, compare the pump amperage and ohms to specifications, check the pressure tank, evaluate water treatment with pre and post testing and even peek in the toilet tank. I also take water samples, measure distances to potential sources of contamination,

and have a nano camera for the more complicated situations. I use Sterilene and disinfect based on the amount of water in the well to the recommended ppm. The reports are very detailed and include pictures of the installs and recommendations with estimates, as needed. I currently work with some of the drillers in NYS by doing the flow tests and disinfections that their companies are called to do. When I get a referral from a company, I guarantee that that company is the first to get an estimate to the customer if there is a concern. When I receive organic calls, I want to be able to solicit estimates from multiple certified companies. Even if the call winds up only being a well cap, the new owner now knows you going forward. Your company gets the real work,

I take care of the long conversations and reports.

Please understand, I am not in business to promote single companies, I want to help lift up the entire industry. My goal is to educate well owners about their most important resource while offering excellent customer service, and I have received very positive responses to date. So, if you find that you don't have the time, tell them you "know a girl". And if we haven't yet spoken, I would love to meet with your company to discuss how we can help each other, our customers, and our industry.

Sandra Baldwin MS, CWD/PI
President

It is Well Inspection Services, Inc.



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Hard Hats

From NGWA's Safety Talks and The Hartford

There really isn't any excuse for not wearing a **hard hat** on jobs that require it. The miracles of chemistry and manufacturing have turned out head protection to fit every need and about every taste.

The colors are attractive and have proved to be positive factors in morale and in comfort. In some cases, the type of job a crew performs is identified by the color of its **hard hats**. This type of team identification – and protection – is also used by football teams, pilots in Air Force units and other groups. The color of a **hard hat** is also a factor in repelling the heat of the sun. The concept of head protection isn't anything that arrived on the scene recently. The armies of ancient times learned that head protection was used mainly by the military, while other occupations ignored it. This was probably due to the fact that the head protection available was cumbersome and expensive. But, these objectionable features have been removed from today's **hard hats**.

Hard hats should be worn on all jobs where hazards exist from falling or flying objects, harmful contacts, exposure to electrical shock. That includes a lot of jobs.

There are many ways head injuries can occur – objects falling on persons working with stacks of materials, falling tools, falling

tree limbs, objects hanging from or dropping from overhead cranes. The list could be much longer and you can probably add to it yourselves.

Recently, the newspapers carried a story about a **hard hat** saving the life of a young man on a sewer construction project. He was caught in a cave in. As the dirt closed in around him, his **hard hat** slipped over his face and the air that was trapped in the hat kept him alive until rescuers could uncover him. So the security offered by protective equipment is often broader than you may realize.

Like all things that your well being depends on, hard hats should be treated with care. If they are damaged or the suspension cushion doesn't fit well, they should be replaced. They should be kept clean, and if a **hard hat** is assigned to someone after having been used by another employee, it should be sanitized.

Never paint a **hard hat** unless authorized, and only after the manufacturer has been contacted to determine if the paint will soften the shell material or cause other damage.


Hard hats, or protective helmets as they are technically referred to, are of four types – classes A, B, C and D. Each of these classes must meet certain requirements

for withstanding voltage and impact as outlined in standards set by the State. No single hard hat necessarily fills the protection requirements of all types of jobs. So, naturally, it is important to follow safety rules and always wear the type of **hard hat** specified and issued for your particular job.

Safety standards state that a class C helmet or any metallic head device shall not be used except where it has been definitely determined that use of other types is impractical, such as deterioration from chemical reaction.

Chin straps and winter liners are used with some **hard hats**. They shouldn't contain metallic parts or conductive materials if used on high voltage protection hard hats. Likewise, if liners or straps are used on jobs where there is a danger of ignition from heat, flame or chemical reaction, they should be made of non-burning materials.

An injury report never makes pleasant reading. But, it's particularly disturbing to read that the injured person had been instructed to wear a **hard hat**, and didn't.

So, a **hard hat** not only gives protection, but it's a symbol too. It shows that the person who is wearing it has brains and wants to keep them. 

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PRESS RELEASE

Water Systems Council Celebrates Signing of America's Water Infrastructure Act into Law

WASHINGTON, DC -- October 25, 2018 -- The Water Systems Council (WSC), the only national nonprofit organization solely focused on household wells and water well systems, celebrated President Trump's signing of America's Water Infrastructure Act into law earlier this week, saying that the new law is a major step toward providing all Americans with safe, clean drinking water.

The new law includes the WSC-supported Securing Required Funding for Water Infrastructure Now (SRF WIN) Act, which was introduced by U.S. Senators John Boozman (R-AR) and Cory Booker (D-NJ). The SRF WIN Act modernizes investment in water infrastructure by empowering states to invest in multiple water infrastructure projects.

"America's Water Infrastructure Act is in lock step with President Trump's vision for infrastructure," said Senator Boozman, Chair of the Senate Fisheries, Water and Wildlife Subcommittee. "I'm particularly pleased that this bill also includes the SRF WIN Act, legislation I introduced with Senator Booker. What the SRF WIN Act does is simple: it combines the efficiency and trust associated with the State Revolving Funds with the leveraging power of the Water Infrastructure Finance and Innovation Act (WIFIA). This legislation provides millions and potentially billions in project dollars to communities that have traditionally not had access to these types of funds.

"The Water Systems Council was an integral part of getting this legislation included in AWIA and I couldn't have done it without their help," Boozman continued. "I would like to thank WSC for its efforts in support of the SRF WIN Act."

Senator John Barrasso, Chair of the Senate Environment and Public Works Committee, noted that the passage of this new legislation is of particular interest to his home state of Wyoming, noting, "I applaud President Trump for signing this significant piece of infrastructure legislation into law. The president called on Congress to act and America's Water Infrastructure Act delivers. The bipartisan bill will keep communities safe and cut red tape, all while being fiscally responsible. It is good for Wyoming and good for the nation. America's Water Infrastructure Act will upgrade and maintain aging dams and irrigation systems, increase water storage, and deepen nationally significant ports. It authorizes funds to repair aging drinking water systems, so that communities across America have access to clean drinking water. It authorizes important projects that will create jobs and grow our economy. America's Water Infrastructure Act is a win for all Americans."

WSC President Richard Mest said, "With the availability of economical alternatives like water well systems and an affordable funding solution provided by this new law, there should be no reason that every American should not have access to safe drinking water."

The Water Systems Council is committed to ensuring that Americans who get their water from household private wells have safe, reliable drinking water, and to protecting our nation's groundwater resources. For more information, visit www.watersystemscouncil.org.

Margaret Martens
Executive Director

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Wellness Report

Continued prayers and well wishes to **Rikki Bruckman Chugg** as she continues on her road to recovery.

Wishing **Tim Utter** a quick recovery from his recent back surgery. 💬



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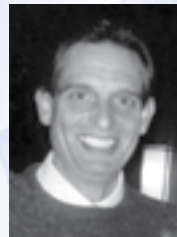
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Condolences

The ESWWDA would like to acknowledge the passing of



Roy "Trippy" Jaswell

on **October 25, 2018**

in Hope Hospice,
Providence, RI.

A loyal member of our State association, he was also a well-respected member of the water well industry and a major contributor to the *"Water Well Guys"* Face Book page.

He will be missed by many.

Our sincere condolences go out to his family and friends. 💬

Scholarship Money Available

As we approach the beginning of another school year, college-bound students and their families are searching for available funds to help offset the cost of further education. The ESWWDA offers **\$2500.00 a year** to applicants whose course of study is **related to the water well industry**. Preference is given to family members of association members and secondly to those attending 2-year programs at an accredited school.

Further information is available by contacting the Scholarship Committee of **Dave Rosick** or **Tyler Wills**.

Albert H. Mack Scholarship Guidelines

Guidelines for the establishment of the scholarship fund and awarding of scholarship monies for ESWWDA:

A. Scholarship Fund

1. Maximum funds available in one calendar year: \$2,500.
2. One thousand dollars per year to be set aside until the fund reaches \$7,500.

B. Awarding of Scholarships

1. Preference to be given to sons or daughters of association members.
2. Preference to be given to students attending 2-year programs.
3. Scholarships available only to persons whose course of study is related to the water well industry.
4. Persons may make application to the scholarship committee only after acceptance at an accredited school, offering a program related to the water well industry.
5. Funds may be distributed to more than one person in any one calendar year.

Important Contacts:

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Any ESWWDA member wishing to voice their concern with the contamination of ground water by injection wells should contact:

Dennis McChesney, US EPA Region 2, 290 Broadway, New York, New York 10007-1866

or by phone at **212-637-4232**, or by email at mcchesney.dennis@epa.gov



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Full Page \$1,200

Please call Susan Bates at **315 339-8960**

if you have any questions,
or email your advertisement to:
sue@nywelldriller.org

If you install water systems in the **Northeast**,
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Affiliate Organization
member of NGWA

The membership of the ESWWDA consists of contractors involved in the water supply industry including but not limited to:

- Drilling Contractors
- Water System Installers
- Manufacturers and Suppliers
- Engineers & Hydrogeologists
- Contractor Associates
- Student Associates

Send us your events!

To place an item in this calendar, or to submit an article or advertisement, please email julie@nywelldriller.org or sue@nywelldriller.org, no later than **February 1, 2019**, the next **Hole Talk** deadline.

UPCOMING EVENTS

December 3-6, 2018

**National's Ground Water
Week and Trade Expo**
Las Vegas, NV
www.ngwa.org for details

January 15-16, 2019

ESWWDA Annual Meeting
Turning Stone Resort and Casino
Verona, NY
www.nywelldriller.org
for details



World Wide Drilling Resource

returns to the ESWWDA Annual Meeting on

January 15-16, 2019.

Come Join Us!!

March 4-5, 2019

**NGWA Groundwater Fly-In
and Congressional Summit**
Washington, DC
www.ngwa.org

March 8-9, 2019

New England Expo
Marlborough, MA
www.newwassociation.org
for details

April 2-4, 2019

**WSC Spring Meeting and
Congressional Fly-In**
www.wsc.org for details

April 13, 2019

ESWWDA Spring Meeting
Microtel Inn and Suites,
Middletown, NY
*hosted by Chuck Crover
and Jim Wild*

July 2019

ESWWDA Summer Meeting
Dates and site to be determined
(mid-state region)

October 2019

ESWWDA Fall Meeting
Letchworth State Park area
Dates to be determined
Hosted by Willey Well Drilling

Visit www.nywelldriller.org