

ESWWDA Annual Meeting

January 14-15, 2020 – Turning Stone Casino, Shenandoah Clubhouse

The 2020 ESWWDA annual meeting is returning to Turning Stone Casino, which is a located just minutes off exit 33 of the NYS Thruway.

The award-winning Turning Stone Casino Resort is conveniently located off the New York State Thruway and nestled between the rolling

foothills of the **Adirondacks** and the glacial **Finger Lakes**, our destination exudes atmosphere and accolades.

The 3,400-acre resort features luxurious hotel accommodations, a full-service spa, gourmet and casual dining options, a world-class casino, and much more.

All of the ESWWDA functions will take place at the **Shenandoah Lodge/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 including **Jeffrey Williams** – the **2020 McEllhiney Speaker, Pump Installers' Primer, Emerging Contaminants** and much, much more. In the late afternoon, we will begin the **Supplier and Manufacturer tabletop displays**. The evening will end featuring a combination



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.



of live and silent auctions.

Proceeds from the auctions will be donated to Fans for Dan. Wednesday morning at the General Membership meeting we will have guest speakers including NGWA Past President Scott King.

See page two (2) for the complete meeting itinerary,

room rates and directions. There is a charge of \$25 for all non-members to attend. All ESWWDA Contractor members and Associate members in good standing are free to attend except for the Primer class, which has additional fees.

Please call **800.771.7711** to make a reservation.

Hotel Rooms: \$117.00 per night plus tax
Tower Rooms: \$139.00 per night plus tax
Lodge Rooms: \$219.00 per night plus tax
Make sure to mention ESWWDA.

A block of rooms with the above special rates have been set aside from Monday, January 13 through Wednesday, January 15, 2020. *Please make your reservations early*.

The block of rooms will expire by 5 pm on December 16th.

After December 16th the room rates will be the standard rates based upon availability.

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Annual Meeting Agenda

2020 Empire State Water Well Drillers' Association

January 14-15, 2020

Tuesday, January 14th

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 7 for details.)

11:30 am – **12:30** pm Pick up bagged lunches,

courtesy of the suppliers division

Dillon Sickler – Patriot Rigs & Services 12:30 pm - 1:30 pm

> **Drill Rig Preventive Maintenance** and Rig Rebuilding Feasibility

NGWA President – **K. Scott King**, M.Sc., P. Geol. **1:45** pm – **2:45** pm

The Future of Groundwater and Emerging Contaminants

Jeff Williams, MGWC and Past NGWA President-3:00 pm - 4:00 pm

2020 McEllhiney Speaker Business Transition Planning

Supplier Cocktail Party & Trade Show with 4:30 pm - 7:00 pm

Silent/Live Auction. Proceeds from the auction

will be donated to Fans of Dan

Wednesday, January 15th

9:00 am ESWWDA General Membership Meeting



ANNUAL MEETING INFORMATION

Location: **Turning Stone Resort & Casino**

5218 Patrick Road, Verona, NY 13478

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

Accommodations: Hotel Rooms: \$117.00 per night plus tax

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

A block of rooms with these special rates have been set aside for Monday, January 13 through Wednesday, January 15, 2020. Please make your reservations early. The block of rooms will expire by 5 pm on December 16th. After December 16th the room rates will be the 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 Lodge/Clubhouse** located adjacent to the Lodge.

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 the 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**.



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

Agua-Tec Water Services Inc.

146 Polen Hill Road, Gilboa, NY 12076

607-588-9413 · kristen.wvckoff@vahoo.com

<u>Secretary / Treasurer</u>

Charles W. Crover, CWD/PI

Roarke Well Drilling, Inc.

431 Scotchtown Ave., Goshen, NY 10924

845-783-9355

ChuckC@RoarkeWellDrilling.com

ESWWDA Correspondence Manager

Julie Bovd

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

Mike Palleschi, CPG, CWD

Senior Geologist, Alpha Geoscience

518-348-6995 • mpalleschi@alphageoscience.com

Chris Root, Root Contracting,

585-593-4304 · droot@eznet.net

2 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

1 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

Supplier Directors

David Chugg, Ground Water Systems, Inc.

585-746-8055 • dchuqq@groundwatersystemsinc.com

Bernie Kistner, Group One Northeast, Inc.

845-473-1969 • bckistner@aol.com

Jeff Quinn, Matrix Corp.

603-931-0835 • *Jeff.quinn@matrixcp.com*

Dave Keough, Blake Equipment

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

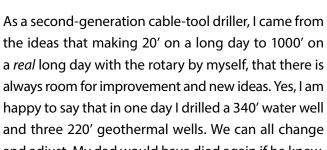
Values

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 Thank You!

It has been a very exciting and educational two years for me as President of the ESWWDA. Along with being President, my previous years on the Board of Directors had made me work and listen to different ideas as to how the association should run.



and adjust. My dad would have died again if he knew. Automation, engineering advances, and intelligent innovations have been a huge part of our productivity. Trucks, hydraulics, air compressors, down the hole hammers, bits, drill foam, mud, mud pumps, separators, & service trucks make the drill site so much more productive and obviously more efficient. This trend will continue. Our rig manufacturers are the best in having new ideas. We have the tools and the ambition to make our industry one of the most important because of the service that we provide to the public. They entrust us to provide drinking water to them. The largest problems that the small and large drilling firm or pump installer have is that the regulations will make our profits less or drive the prices to the range that many well owners will want to have public water supplies, rather than the cost of wells and maintenance.

If well construction and pump installation regulations continue to be so stringent the cost will override what the consumer can handle paying. This is the reason why we all need to join our state associations and stay active in our regulations.

Imagine, if our association wasn't here, the DEC & DOH would implement rules and we would have to abide by them. They often have had positive ideas which these



guidelines had our input for constructing wells and installing pumps.

The reason why we have been kept up to speed on regulation changes is because the association employs and contracts with a very professional lobbyist group

in Albany. This firm watches for any news or changes for well regulations in NYS and then contacts the President and Board Members so that we can combat or argue for the positive/negative ideas. Without this association we won't have the power or money to employ or have that insight and would be blindsided with new regulations.

Most of us live in NYS, so if your local zoning laws were to change because your town board or village board were to revamp their zoning code you would all have to go to town board meetings in order to know it. If the people had a lobbyist or watchdog group like our lobbyists, you wouldn't have all the changes that we aren't happy with because they would keep the citizens informed.

We need this association. We need lobbyists. We need an active board of directors. We need to have a balance sheet on our savings account and need to have a positive intelligent way to promote the use and preservation of ground water to be removed from the ground by the professionals that we are.

We need to have a large active membership that attend meetings and conferences as well as serve on the Board of Directors and officers of the association.

I would like to thank the association and all the members for your support and the friendship I have had in the past many years.

May we all be safe, be blessed with a lot of work, and be prosperous.

As my dad would say "Here's mud in your eye!!"

President James Wild 🗩

ESWWDA GENERAL MEMBERSHIP MEETING

October 18-19, 2019 - Tamarack Club, Holiday Valley Resort

President Jim Wild called the fall meeting of the Empire State Water Well Drillers Association to order at **9:10 a.m. on October 19, 2019** with 26 members in attendance.

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

Jim Wild, President

Tyler Wills, Vice President

Julie Bullock, Correspondence *Manager*

Sue Bates, Assistant Correspondence Manager

Chris Root, *Director*

Bernie Kistner, Director

Dave Keough, Director

Mike Frey made a motion to accept it reasurer's report was given.

the reading of the minutes as they appeared in the last edition of *Hole Talk*. **Chris Root** seconded the motion. With no additions or corrections, the motion carried.

President Jim Wild thanked Willey Well Drilling for hosting the fall meeting at Holiday Valley in Ellicottville, NY. They picked a beautiful fall weekend. Several of the members took advantage of the fall foliage by riding the ski lift the previous evening. President Wild thanked the membership and the association for cards and flowers for his mother's funeral. The support was greatly appreciated by the Wild family.

Charles Crover was not in attendance and therefore no treasurer's report was given.

Communications: Sue Bates reported that the association had received a thank you from Zach Bartlett for the flowers sent to his grandfather's funeral.

Sickness & Health: Sadly we report the following losses in our industry since our last meeting which are James D. Bush (August 17, 2019), Gregory G. Wragg (September 8, 2019), and Martin G. Dretel (October 4, 2019). Sue Bates has received an update from Kristen Wyckoff. Kristen's son-in-law, Dan Shutes who has been diagnosed with ALS is not doing well. The family has requested prayers for Dan and his family. William Frey had an accident on Friday, October 18th and was recovering after surgery.

What's in Your Well Tank?



- Independent water chamber
 - Prevents condensation
 - ·Water chamber sized to tanks to prevent diaphragm stretch
- Available in Steel and Composite
- ·Anti-microbial liner to inhibit bacterial growth
- Made in the USA





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

Insurance: Analisa
Bastiani-Jesco submitted
a report in her absence. Anyone
that is still in need of Sexual
Harassment Prevention Training to
meet the state mandate can access
the training through the Gallagher
Basset Risk Control Portal. The
fee to enroll has been waived for the
foreseeable future. Gallagher clients
can sign up with their own login
credentials and non-Gallagher Clients
could be set up under the Association
if needed.

Feel free to have anyone that is interested call Analisa so she can send them the information to sign up, her direct line is **518-533-6841**.

Membership: Sue Bates reported that we have a total of 343 members. We have 20 new members this year. We have 196 contractor members with 169 who are paid. We have 53 supplier/manufacturer members with 43 paid and 94 associate members with 63 paid. Dues invoicing for 2020 will be going out in November.

Scholarship: Tyler Wills reported that they have one application for this year. It has currently been tabled until the committee can meet. Emily Skowfoe sent a thank you letter for her scholarship last year.

Government Affairs: There was no report given.

NEWWA: Henry Boyd reported that the NEWWA Board met on October 5th at 10 am in Marlborough, MA. After review of this March's show the Board distributed the gross from the Expo. Each State was given a check of \$2000. The NEWWA Board elected new officers who are President Paul

Emmons (RI), Vice President George Sima (CT), Treasurer Dick Hatten (MA), and Secretary John McKinney (NH). The show dates for 2020 are March 13-14. This is the last year of the tent on the outside of the building so going forward in 2021 we will be able to move the show dates to closer to the later part of March depending on Easter. This year we will have a Saturday Swap Meet. The cost to sell at the Swap Meet will be \$50 for a parking space if you preregister or \$75 day of event.

Budget & Finance: There was no report given.

Education: Henry Boyd reported that on Saturday, September 21, 2019 we held a class at **D&S Pump & Supply** in Brewster, NY. We had 52 people in attendance. The class will be given again at the annual meeting with a slate of other classes. There was a discussion with **Scott King**, *President of NGWA* about paper testing options.

was in attendance. Mr. King said it was a pleasure serving as President this year and as the first hydrogeolgist to hold the office of NGWA President. He said he would also be seeing us at Turning Stone. The NGWA has been focusing on several areas this year including health and safety, advocacy regarding infrastructure, PFAS, and state affiliate issues; and stainability. Ground Water Week will be December 3-5 in Las Vegas. Delegates to represent New York could sign up at this meeting. The Ground Water

speaker for this coming year is **NGWA Past President**Jeff Williams. Mr. Williams will be at our annual meeting.

Water Systems Council: There was no report given.

Hole Talk: The next deadline for Hole
Talk will be November 1.

Public Information: Sue Bates reminded members to check their listings.

DOT: There was no report given.

Continuing Education: There was no report given.

Old Business: The annual meeting will be January 14-15, 2020 at Turning Stone Casino. We will have the list of classes in the next issue of *Hole Talk*.

New Business: President Wild appointed a nominating committee, which is comprised of Bernie Kistner, Jim Dwyer, and Henry Boyd. The spring meeting will be hosted by Jim Wild and Henry Boyd. The summer meeting will be hosted by the Roots in the Wellsville area. The fall meeting is looking for a host in the Lake George/Queensbury area. The winner of the 50/50 drawing was Cathy Adams for \$73, which she donated back to the association.

President Wild asked for a motion to adjourn that was made by **Bernie Kistner** and seconded by **Chris Root**. President Wild adjourned the meeting at 10:30 am.

Respectfully Submitted,

Julie Bullock,
Correspondence Manager



MEMBERSHIP REPORT November 2019

2 New members in the 4th quarter of 2019

(CATEGORY	TOTAL	PAID	UNPAID
	Contractors	196	169	27
Suppliers/M	anufacturers	53	43	10
	Associates	94	63	31
		Z === ``	===	==
To	tal Members	343	275	68
Non-members who receive <i>Hole Talk</i>		ole Talk	68	

All members more than 2 years in arrears are being dropped from the membership listing

Payments may be made by mailing checks to:

ESWWDA, 1054 Route 52, Carmel, NY 10512

PayPal at <u>www.nywelldriller.org</u>



*NEW MEMBERSHIP TOTAL FOR 2019 IS 20

Welcome New Member

CONTRACTOR/PUMP INSTALLER

Gary Tyler

Tyler Pump and Well Services LLC Honesdale, PA 18431-3178 Sponsor: Website

SUPPLIER/MANUFACTURER

Merle Hoover

East West Drilling & Machinery Mifflinburg, PA 17844 Sponsor: Website



2019 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 Analisa Jesco 888-869-3535

Hole Talk

Chairman Julie Boyd 845-225-3196

Sue Bates 315-339-8960

By-Laws

Tony Ferraioli 518-861-8733 Chairman

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

Bernie Kistner 845-473-1969 Chairman

> Dave Chugg 585-746-8055 Jeff Quinn 603-418-5625 Dave Keough 845-258-7867

WSC

Jeff Smith 518-758-6142 Chairman

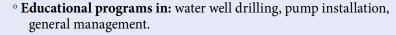
ESWWDA & You ... A Smart Alliance

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:



- 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.

^o **A voice:** A vote on the direction ESWWDA takes.

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



Dues are NOT Tax Deductible

ESWWDA

Affiliate State Membership Application Empire State Water Well Drillers Association • Organized 1941

Name:		Date:			
Street:		Work Phone:			
City:	State: Zip:	Cell Phone:	Cell Phone:		
County:	unty: FAX:				
Business Name:		E-mail:	()0/		
Contractor/Dr	iller\$125	National Member Yes	No		
Pump Insta	aller\$125	CWD#	0		
Supplier/Manufact	urer\$125	CPI#	000		
Associate Company Member \$25		NYS DEC Reg. #:	NYS DEC Reg. #:		
Sponsor:			(9):0		

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.

fwwebb.com/watersystems

- 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:

- 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.
- 3. Presenting an education class or webinar

 one point per hour instruction.
- 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



Water Systems Division



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

Tuesday, January 14, 2020

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

Preregistration is required one week in advance and classes must have a minimum attendance or classes will be cancelled.

Registration deadline is January 6th.

The first two hours of the class (9 am to 11 am), will cover general drilling knowledge, which 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 are not 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. Licensing 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 \$150 for non-members.

Any member, who has already taken any of the primer classes offered in 2002 through 2018, may retake the class for \$40.00. Payment can be made with cash, check or credit card (MasterCard or Visa).

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

New York State Environmental Conservation Law ECL §15-1525 requires the following:

- Water well drillers and pump contractors must be registered with the NYS Department of Environmental Conservation.
- After a well is drilled, contractors must provide a DEC well completion report to the well owner.
- At least one certified individual must be on site during well construction, pump installation or repair to either.
- Water wells must be constructed in accordance with NYS Department of Health rules and regulations (link leaves DEC website).
- Water well drillers and pump contractors are subject to General Business Law 36-A, which regulates home improvements.
- The NYS Health Department has Fact Sheets on Protection of Water Wells (link leaves DEC website).

ESWWDA Slate of Officiers

President – **Tyler Wills**, MGWC

Vice President – **Dave Rosick**, CWD/PI

Secretary/Treasurer – Charles Crover, CWD/PI

3-Year Directors – **William Frey**, *MGWC*

Rus Turnbull, CWD/PI

2-Year Directors – Mike Palleschi, CPG/CWD

Chris Root, CWD/PI

1-Year Directors - Jeremy Baldwin, MGWC

to be determined



Empire State Water Well Association







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Water Questions & Answers

How much water does the average person use at home per day?

https://water.usgs.gov/edu/qa-home-percapita.html https://www.usgs.gov/

about 80-100 gallons of water per day. Are you surprised that the largest use of household water is to flush the toilet, and after that, to take showers and baths? That is why, in these days of water conservation, we are starting to see toilets and showers that use less water than before.

Many local governments now have laws that specify that water faucets, toilets, and showers only allow a certain amount of water flow per minute. Water agencies in some areas, offer rebates if you install a waterefficient toilet. In fact, I just put in two new toilets and received a rebate of \$100 for each. Yes, they really do use a lot less water. For your kitchen and bathroom faucets, if you look real close at the head of a faucet, you might see something like "1.0 gpm", which means that the faucet head will allow water to flow at a maximum of 1.0 gallons per minute.

NOTE: Our data here is very general in nature...just to give you a quick idea of your water use. There are some other Web sites that will give you a much more detailed and accurate estimate of your per-capita water use:

WECalc CSGNetwork Southwest Florida Water Management District

Typical water use at home

- **Bath** A "full tub" varies, of course, but **36 gallons** is a good average amount.
- Tip: Taking a shower instead of a bath should save a good bit of water.
- Shower Old showers used to use up to 5 gallons of water per minute. Water-saving shower heads produce about 2 gallons per minute.
- Tip: Taking a shorter shower using a low-flow showerhead saves lots of water.
- Teeth brushing <1 gallon. Newer bath faucets use about 1 gallon per minute, whereas older models use over 2 gallons.
- *Tip:* Simply turn the faucet off when brushing teeth.

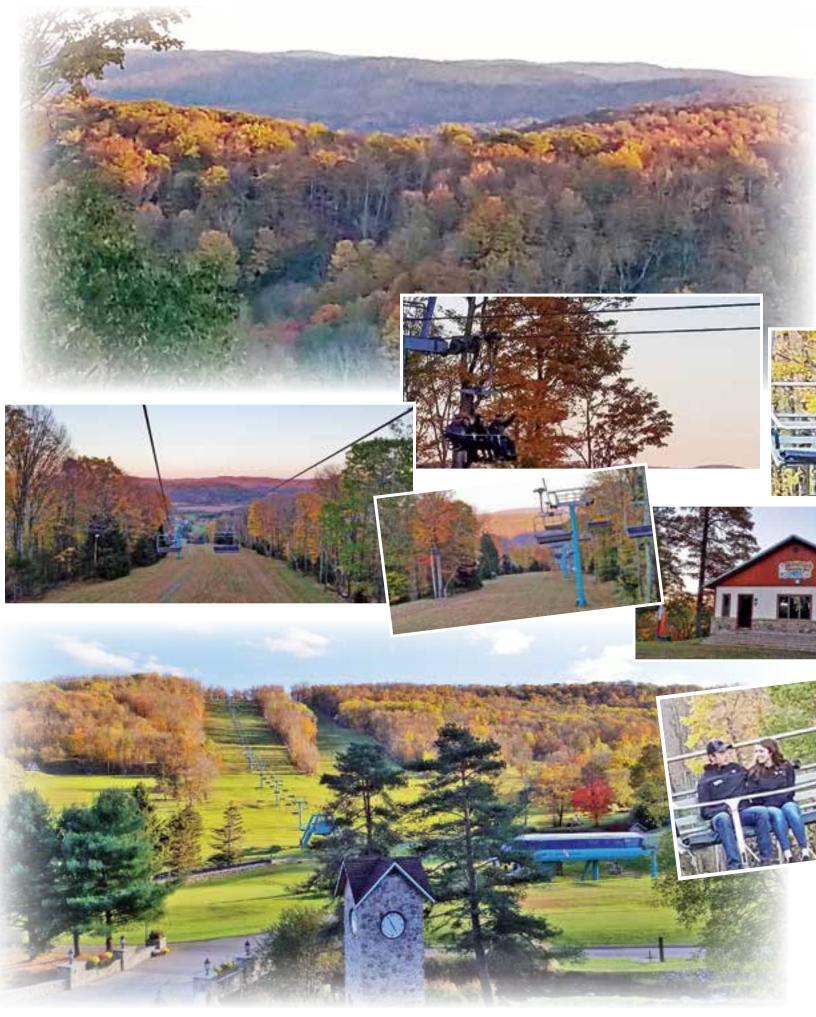
Hands/face washing 1 gallon

Tip: Simply turn the faucet off before drying your hands and face. If you don't mind a brisk wash, don't run the faucet until it gets hot before using it. Installing a faucet-head aerator will also reduce the water flow rate.

Face/leg shaving 1 gallon

- *Tip:* Simply turn the faucet off when shaving.
- Dishwasher 6-16 gallons. Newer, EnergyStar models use 6 gallons or less per wash cycle, whereas older dishwashers might use up to 16 gallons per cycle.
- *Tip:* EnergyStar dishwashers not only save a lot of water but also save electricity.

- Dish washing by hand: About 8-27 gallons. This all depends on how efficient you are at hand-washing dishes. Newer kitchen faucets use about 1.5-2 gallons per minutes, whereas older faucets use more.
- Tip: Efficient hand-washing techniques include installing an aerator in your faucet head and scraping food off, soaking dishes in a basin of soapy water before getting started, and not letting the water run while you wash every dish. And it's best to have two basins to work in--one with hot, soapy water and the other with warm water for a rinse.
- Clothes washer 25 gallons/load for newer washers. Older models might use about 40 gallons per load.
- *Tip:* EnergyStar clothes washers not only save a lot of water but also save electricity.
- Toilet flush 3 gallons. Most all new toilets use 1.6 gallons per flush, but many older toilets used about 4 gallons.
- Tip: Check for toilet leaks! Adjust the water level in your tank. But, best to install a new low-flow toilet...
- Glasses of water you drank 8 oz. per small glass (not counting water for Fido or your cats). Also, note that you will be using water for cooking.
- Outdoor watering 2 gallons per minute, depending on the force of your outdoor faucet. This may not sound like too much but the large size of lawns and yards means outdoor water use can be a significant use of water.









Michael D. Hetzler

Territory Manager

Phone: 580.234.4141 Fax: 580.233.6807 Mobile: 580.548.3794 mhetzler@gefco.com

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800.325.7902

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Learn from Near Accidents

From NGWA's Safety Talks and The Hartford

When you're driving down the highway at a pretty good clip and another car pulls out in front of you, it's necessary to hit the brakes or execute a quick maneuver to avoid an accident.

Chances are that you'll be pretty hot under the collar over the other driver's action, and you'll run your hand over your forehead to remove the perspiration.

But, if you're smart, you won't let anger overpower your safe driving habits, and you'll also make a mental note that you should be more alert and watch for cars approaching the highway from side roads. This could save your life next time.

Close calls or near-accidents on the job should be converted into safety precautions. A near-accident is an indication that something is wrong. It's a warning. A machine isn't operating correctly, materials aren't stacked properly or someone has done something that is unsafe.

When you're driving and you notice a red light glowing on the dashboard, you know that your engine is overheating or that there's another problem. Even a simple headache signals trouble in the human body, though it may be minor.

Now, let's consider some typical accidents that could have been avoided if the close call warning had been heeded.

A shop employee stumbled over a two-by-four and fractured an ankle. A janitor tripped over a loose floor tile and fell against a metal guardrail. After slipping on some trash and grabbing a metal file cabinet in an attempt to break the fall, the cabinet landed on the falling secretary. An injury resulted to a machine operator when a hi-lo struck the machine being operated.

It's pretty obvious that the proper handling of nearaccidents could have prevented the real thing from happening in the cases just mentioned. The two-byfour in the aisle and loose tile or trash on the floor probably caused other employees to step aside to avoid tripping or even caused them to stumble. And how many near-misses did the hi-lo operator have with the machine? Chances are there were several.

However, in all of these cases no one paid any attention to the warnings. Nothing was done to correct the situations and accidents resulted.

We can't go through life depending on luck to keep us healthy. We have to make our own luck, as the saying goes. We have to act in a safe manner and take proper precautions.

It's not hard to recall accidents that you've had. You may still have the pains or scars to remind you. If you get burned at an early age, you don't need a slap on the wrist to remind you to be cautious from that point on. But, as we've noted, a near-accident is often forgotten without any benefits resulting from the experience.

How can we turn a close call into a contribution to safety? There are several ways and maybe some of you are already using them. First, we have to think safety and become concerned over near-accidents.

The next step is to correct the situation or remove the hazard that caused the near-accident. If you can't handle it routinely, then report it to your supervisor. In fact, near-accidents should be reported regardless of the action to be taken. This gives your supervisor an opportunity to get a line on potential problems and to make plans for the overall security of his employees.

There's at least one good lesson to be learned from every near-accident, and in many cases, there may be two or three. So, don't discount the value of reporting close calls and correcting hazardous situations.

Safety awareness is always important. It's a case of preparing yourself mentally to act in a safe manner and to recognize a close call as a warning. So, when a stack of boxes tips over – or the handle on a tool snaps – or a ladder slips – you should get the message and do something about it.



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Fans of Dan

In the fall of 2018, Dan began experiencing medical symptoms that we thought were the

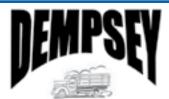
result of Lyme disease. As the months passed symptoms worsened. Dan began seeing a team of Neurologists at Columbia Presbyterian Medical Center in early March. Dan was given a diagnosis of motor neuron disease amyotrophic lateral sclerosis bulbar ALS.



Unfortunately, the treatments in the United States are limited and therefore we are exploring alternative treatment options abroad.

We must act immediately due to his rapid decline. Your help will give us the opportunity to explore other options not covered by our insurance. It will also give us hope to provide a better quality of life for Dan.

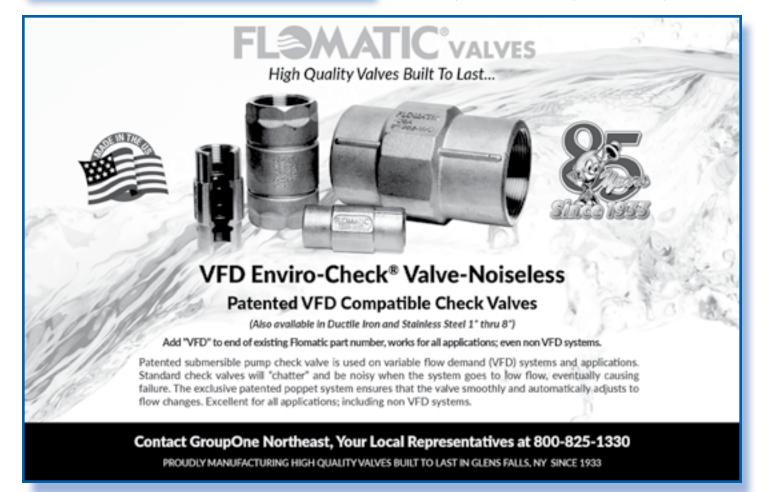
Dan Shutes is an associate member of ESWWDA, a CWD/CPI and geothermal contractor and part of the ground water industry. **Proceeds from 2020 silent and live auctions will be donated to Fans of Dan.** We thank you in advance for your generosity.



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A Little Blast From The Past

(this was found in an old issue of Hole Talk from back in the early 60's)

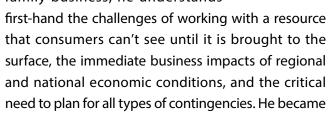
A little old lady knocked at the Pearly Gates;
Her hair was gray and she really looked old.
She stood before the man of fate,
For admission to the fold.
What have you done, St. Peter asked
To gain admission here?
I've been a well driller's wife
For many, many years.
The Pearly Gates swung open wide,
St. Peter touched the bell.
Come in quickly and choose your harp,
For you've surely had your taste of hell!



2020 McEllhiney Lecture

JEFFREY WILLIAMS, MGWC, CVCLD

Jeffrey (Jeff) Williams, MGWC; CVCLD began his career in the groundwater industry with his first full-time job at Spafford and Sons in Jericho, Vermont, in June 1980. He and his father purchased that company in 1984. Jeff's experience has been varied both in water well supply and geothermal heat pump operations. Like all water well supply contractors and one involved in a family business, he understands





active in NGWA in 2006 as a member of the Safety Subcommittee and as a director candidate. He served on the NGWA Board and was association president in 2016. Jeff and his wife Carol Ann enjoy boating and family activities.

"RUNNING A BUSINESS OR DOING A JOB: COMBINING PROFESSIONAL EXPERTISE WITH BUSINESS SAVVY"

This topic is critical for groundwater

industry business owners, as well as those responsible for running a company, and will address the mental transition from viewing one's business as a series of individual jobs to an entity offering a palette of groundwater services. If you have any plans and goals for diversification, they require capital, as well as the continuous monitoring of well construction technology innovation.

In today's business climate, implementing new techniques and planning and managing for greater profitability will determine the state of your business in the future. Williams addresses pressing questions such as:

- How do you begin thinking big picture and setting financial and production goals?
- What are the benchmarks?
- How do you manage equipment, time, and human and financial resources better while implementing new processes and technology?
- Are you planning your business model to include training, certifications, licensing, and equipment replacement?
- How do you bring others involved in the company in this much broader and more goal-oriented transformation?



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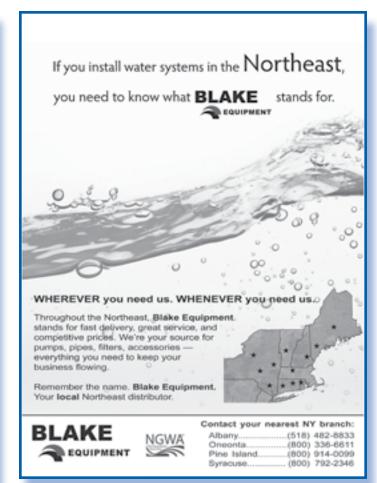
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Condolence Corner

The ESWWDA regrets to announce the passing of the following members and family members:



Martin G. Dretel, retired business owner of *D&S Pumps* passed away on October 4, 2019 in Myrtle Beach, SC at the age of 91. The business, is currently managed by his son Alan. Graveside services and burial took place on Tuesday, October 8th in Danbury, CT.

The ESWWDA extends its deepest sympathies to Alan and his family.

Any member who is aware of the passing of member, or family member of a member, or if there is someone who needs to be sent get well wishes, please contact **Sue** at **sue@nywelldriller.org**. Thank you!!



Greg Wragg, co-owner of *Wragg Brothers* out of Ascutney, VT passed away at his home on **Sunday, September 8, 2019** at the age of 64. Services were held on September 14th at the Stringer Funeral Home. A celebration of

his life took place at his home on September 28th, 2019. Donations in his memory may be made to the National Multiple Sclerosis Society, Greater New England Chapter, 101A 1st Ave. Waltham, MA 02451.

Sincere condolences go out to the family from the Empire State Water Well Drillers Association.





Hole *Talk*

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.
- 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:

NYS DEC: Beth Guidetti

(877) 472-2619 NYSWells@gw.dec.state.ny.us

NGWA Main Office:

(800) 551-7379

www.ngwa.org

PSI Exams:

800-733-9267 www.psiexams.com

Water Systems Council:

(202) 625-4387

www.watersystemscouncil.org

American Ground Water Trust

(603) 228-5444

trustinfo@agwt.org

ESWWDA: Julie Boyd

(845) 225-3196

Julie@nywelldriller.org

Hole Talk: Susan Bates

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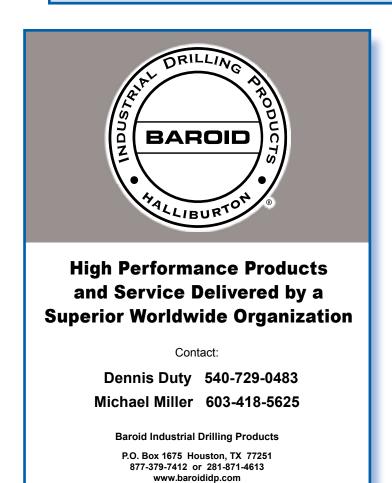


Any ESWWDA member wishing to voice their concern with the contamination of ground water by injection wells should contact:

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











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, 2020, the next Hole Talk deadline.

UPCOMING EVENTS

December 3-5, 2019

NGWA Groundwater Week

Las Vegas, NV 89109

Reservations: Westgate Las Vegas;

see www.ngwa.org for details

January 14-15, 2020

ESWWDA Annual Meeting

Turning Stone Casino, Verona, NY mention the ESWWDA when you call to make your reservation to get the group rate** Details to follow when we get them from Jeff and Bernie

March 13-14, 2020

New England Water Well Association Expo

Best Western Royal Plaza Hotel and Trade Center

Marlborough, MA

See www.NEWWAssociation.org

for more details

April 2020

ESWWDA Spring Meeting

Kingston, NY area hosted by Henry Boyd and Jim Wild

Details to follow

July 2020

ESWWDA Summer Meeting

Scio, Bolivar, Wellsville area hosted by the Roots Details to follow

October 2020

ESWWDA Fall Meeting

?? Lake George area ??

Details to follow

Visit www.nywelldriller.org