



# Hole Talk

Winter 2020  
Published Quarterly

[www.nywelldriller.org](http://www.nywelldriller.org)

Annual meeting of the **Empire State Water Well Drillers' Association** will be held via **Zoom** on **Wednesday, January 20, 2021 at 9 a.m.**

Well, one thing we can say is that 2020 speeded up the learning curve for not only our children and/or grandchildren but for us adults as well. The Board and many members quickly learned how to participate in meetings virtually.

Due to the existing concerns and limitations regarding Covid-19, the **Annual meeting of the Empire State Water Well Drillers' Association will be held via Zoom on Wednesday, January 20, 2021 at 9 a.m.** This issue of *Hole Talk* will include an agenda (*page 7*) for the meeting, etiquette guidelines (*page 10*) for attending the Annual Meeting via Zoom and details for first time Zoom users (*pages 8 & 9*).

Please follow the instructions on pages 8 & 9. You do not have to download Zoom to use it. The meeting ID is what you will need to join the meeting. The **meeting ID** is **864 9747 0953**. When joining the meeting you will be placed in the waiting room until you are granted access. Please be patient, I will be checking the waiting room frequently.

## Officers and Directors Election

One item we will not be able to accomplish via Zoom is the election of Officers and Directors. The election ballots will be sent by mail. **The ballots need to be returned to Susan Bates no later than January 15, 2021.** Election results will be announced at the Annual Meeting.

## Future Educational Opportunities

We are currently working on providing some educational opportunities for this spring. Details on those opportunities will follow in the next issue of *Hole Talk*. Hopefully, by 2022 we will be back at **Turning Stone** participating in live classes, chatting with our favorite suppliers and manufacturers and greeting old friends and colleagues.

*The Association wishes everyone a safe, healthy and prosperous 2021.*



**Empire State Water Well Association**

## 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.

Visit [www.nywelldriller.org](http://www.nywelldriller.org)

## What's in this Issue

General Meeting Schedule .....	2	ZOOM Instructions.....	9-10
Membership Report/Application ....	5-6	Clip-n-Copy .....	13
President's Message .....	7-8	Upcoming Events .....	20

# ESWWDA General Membership Meeting January 20, 2021 *Everywhere, NY*

I.	Call to Order
II.	Roll Call
III.	Treasurer's Report
IV.	President's Report
V.	Communications
VI.	Sickness & Health:
VII.	Committee Reports:
	a. Insurance & Safety
	b. Membership
	c. Scholarships
	d. Government Affairs
	e. NEWWA
	f. Budget & Finance
	g. Education
	h. NGWA
	i. WSC
	j. <i>Hole Talk</i>
	k. Public Information
	l. DOT Issues
	m. Continuing Education
	n. Past Presidents
VIII.	Old Business
IX.	New Business
	a. Election Results
	b. Dismiss Nominating Committee
	c. Possible Educational Opportunities
X.	Motion to adjourn . 

# 2020

## Board of Directors

### President

**Tyler Wills, MGWC, Smith Well Drilling**  
PO Box 585, Niverville, NY 12130  
518-758-6142 • [Driller1234.tw@gmail.com](mailto:Driller1234.tw@gmail.com)

### Vice President

**Dave Rosick, CWD/PI, Rosick Well Drilling LLC**  
1175 Farley Road, Hudson Falls, NY 12839  
518-746-0173 • [Rosickdrilling@yahoo.com](mailto:Rosickdrilling@yahoo.com)

### Past President

**Jim Wild, Jim Wild Well Drilling**  
PO Box 131, Gardiner, NY 12525  
845-255-4155 • [Jimwildwelldrilling@gmail.com](mailto:Jimwildwelldrilling@gmail.com)

### Secretary/Treasurer

**Charles W. Crover, CWD/PI**  
Roarke Well Drilling, Inc.  
431 Scotchtown Ave., Goshen, NY 10924  
845-783-9355 • [Chuck@RoarkeWellDrilling.com](mailto:Chuck@RoarkeWellDrilling.com)

### ESWWDA Correspondence Manager

**Julie Boyd**  
1054 Route 52, Carmel, NY 10512  
845-225-3196 • [Jewels2564@aol.com](mailto:Jewels2564@aol.com)

### ESWWDA Assistant Correspondence Manager

**Susan Bates**  
900 N. James St., Rome, NY 13440  
315-339-8960 • [Gramsue67@gmail.com](mailto:Gramsue67@gmail.com)

### 3-Year Directors

**William Frey, MGWC, Frey Well Drilling Inc.**  
716-937-7977 • [DrillerFrey@aol.com](mailto:DrillerFrey@aol.com)

**Rus Turnbull, CWD/PI, Turnbull Well Drilling Assoc., LLC**  
845-406-0255 • [Rus@Turnbullwelldrilling.com](mailto:Rus@Turnbullwelldrilling.com)

### 2-Year Directors

**Mike Palleschi, CPG, CWD**  
Senior Geologist, Alpha Geoscience  
518-348-6995 • [mpalleschi@alphageoscience.com](mailto:mpalleschi@alphageoscience.com)

**Chris Root, CWD/PI, Root Contracting**  
585-593-4304 • [droot@eznet.net](mailto:droot@eznet.net)

### 1-Year Directors

**Jeremy Baldwin, MGWC, Hawk Drilling Co., Inc.**  
518-885-7952 • [hawkdrilling@aol.com](mailto:hawkdrilling@aol.com)

**Daniel Boyd, Boyd Artesian Well Co., Inc.**  
772-626-4515 [Daniel.Boyd70@gmail.com](mailto:Daniel.Boyd70@gmail.com)

### Supplier Directors

**David Chugg, Ground Water Systems, Inc.**  
585-746-8055 [dchugg@groundwatersystemsinc.com](mailto:dchugg@groundwatersystemsinc.com)

**Bernie Kistner, Group One Northeast, Inc.**  
845-473-1969 [bckistner@aol.com](mailto:bckistner@aol.com)

**Jeff Quinn, Matrix Corp.**  
603-931-0835 [Jeff.quinn@matrixcp.com](mailto:Jeff.quinn@matrixcp.com)

**Dave Keough, Blake Equipment**  
845-258-7867 [Dave.keough@blakeequip.com](mailto: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**





**MORRIS**  
**industries, inc.**

60 *celebrating*  
*years*  
*of service*

#### **STEEL PRODUCTS**

Well Casing 1" - 48" • Galvanized Pipe 1" - 8"  
Stainless Steel 304 & 316 • Drive Shoes & Couplings  
Threading Services up to 12 3/4"

#### **PUMPS, MOTORS & CONTROLS**

A.Y. McDonald • Franklin • Grundfos

#### **ENVIRONMENTAL & DRILLING PRODUCTS**

Steel Locking Caps & Protective Casings  
Stainless Steel & PVC Flush Joint Screens & Casing  
Morris Watertight Manholes & Locking Vaults  
Bentonite & Baroid Drilling Products  
Grundfos Redi-flo Pumps • Geo-Thermal Grouts & Loops

#### **TANKS**

Amtrol • In-Well • Norwesco • Zilmet

#### **SUPPLIERS & MANUFACTURERS**

Alloy Screen • American Granby • B&D • Baker • Baroid  
Boshart • Campbell • Certa Lok • Cresline • Flomatic  
GeoPro • Hunke Hoist • Kalas • Monoflex • Oil Creek Plastics  
Royer • Service Wire • Simmons • U.S. Silica  
Wellmaster • Western Rubber

Pompton Plains, NJ  
**1-800-835-0777**

Durham, CT  
**1-800-232-2777**

Mechanicville, NY  
**1-800-635-6591**

Dillsburgh, PA  
**1-800-637-7724**

[www.morrispipe.com](http://www.morrispipe.com)



## **Dempsey Pipe & Supply**

Bolivar, NY

800-742-3149 (P)

585-928-1149 (F)

[dempseypipe@aol.com](mailto:dempseypipe@aol.com)

- Steel pipe : 4" to 12"
- Geothermal & Water Well
- Plain-end and Threaded & Coupled
- In Grades A-500-B/C, A-53B, API-5X42#
- Large OD casing also available
- Drive Shoes & Weld Collars|  
Made in USA and Canada  
Weld-on & Threaded, Rotary Style & Cable Style
- Delivered on our grapple and roll-off trucks

## **2021 Slate of Officers and Directors**

Here is the slate of officers and directors for the 2021 year.

There were no changes made to the current slate, and the directors and the Board of Directors approves the slate. To officially handle the elections for 2021, you will be receiving a paper ballot. This ballot must be returned to Susan Bates by January 15, 2021.

**All ballots will be counted and need to be postmarked before January 15, 2021.**

**President** – **Tyler Wills**, MGWC


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

**Secretary/Treasurer** – **Charles Crover**, CWD/PI

**3-Year Directors** – **Daniel Boyd**  
– **Jeremy Baldwin**, MGWC

**2-Year Directors** – **William Frey**, MGWC  
– **Rus Turnbull**, CWD/PI

**1-Year Directors** – **Mike Palleschi**, CPG/CWD  
– **Chris Root**, CWD/PI



**TJM**  
DRILLING EQUIPMENT & SUPPLIES

[WWW.TJMDRILLS.COM](http://WWW.TJMDRILLS.COM)

SALES • SERVICE • RENTALS


**Marty Harrington**  
P. 724-203-4709  
F. 724-203-4758  
C. 412-491-2458  
EMAIL: [MARTY@TJMDRILLTOOLS.COM](mailto:MARTY@TJMDRILLTOOLS.COM)

2206 TODD RD.  
ALBUQUERQUE, PA 15001

## ***Hole Talk* Electronic-Online Edition goes clickable adjective (of a website) having links that can be accessed by clicking a computer mouse clickable map**

It was about a year ago that an online version of ***Hole Talk*** went 'live' on our ESWWDA website at [www.nywelldriller.org](http://www.nywelldriller.org).

Since then, we have had numerous requests to embed the website/email links in each of the ads that appear in our newsletter. These links have been activated in *this* online issue of ***Hole Talk***.

"Log onto" the website, click on "news", then on "***Hole Talk***". Click on the ad's 'email address or website', and the advertiser's home page will open. You will be able to email, or to access the information that the company has on their website. 

## **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**

**TOTAL NEW MEMBERS FOR 2020 IS 7!**

### **MEMBERSHIP REPORT October 31, 2020**

CATEGORY	TOTAL	PAID	UNPAID
Contractors	185	165	20
Suppliers/Manufacturers	49	41	8
Associates	82	74	8
	===	===	==
Total Members	316	280	36

21 members more than 2 years in arrears  
were dropped from the membership listing

**Payments may be made by mailing checks to:**  
**ESWWDA, 1054 Route 52, Carmel, NY 10512**

PayPal at [www.nywelldriller.org](http://www.nywelldriller.org) 

## **2020 ESWWDA Committees**

### **Scholarship**

*Chairman* David Rosick 518-746-0173

### **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  
William 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

### **Government Affairs**

*Chairman* Janice Hawk-Baldwin 518-885-7952  
Jeff Smith 518-758-6142

### **All Board of Directors**

### **NEWWA**

*Chairman* Henry Boyd 845-225-3196  
Julie Bullock 845-225-3196  
*Alt.* Jeff Smith 518-785-6142  
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 Bullock 845-225-3196  
Sue Bates 315-339-8960

### **By-Laws**

*Chairman* Tony Ferraioli 518-861-8733  
Henry Boyd 845-225-3196

### **Environment**

*Chairman* Henry Boyd 845-225-3196  
David Rosick 518-746-0173  
Daniel Boyd 772-626-4515

### **DOT**

*Chairman* Mike Frey 845-496-2131  
Jeremy Baldwin 518-885-7952  
Chris Root 585-593-4304  
Brian Frey 716-937-7977  
Daniel Boyd 772-626-4515

### **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 Drillers 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**)



## The President's Thoughts 10 years?

**10 years.** Just remember that for a bit. I'll get back to that shortly, but for now it is my way of baiting you to read the whole article.

I am sure **Julie** is counting the days to the next president of ESWWDA, as every *Hole Talk* article I write is sent in late. At our last meeting, she specifically told me, *TYLER, YOU NEED TO HAVE YOUR ARTICLE IN BY NOVEMBER 1ST.* But this time, I made it late on purpose. Today is November 4th. Yesterday was the presidential election, and as of writing this article there has not been a winner declared. I had hoped I could incorporate the results into this article, but unfortunately, that is not the case. Hopefully, by the time you read this article the joys of election season will be over and things will have settled down.

We recently held our Fall meeting via Zoom and



discussed our options for our annual meeting. I would like to thank **Richard Mest** from **Masters Water Conditioning** for attending our meeting, as he took time out from his Saturday to give us a run down on virtual conferences and the success they have had with such. Richard stated that many feel the current

restrictions will be carried into the second quarter of next year. The Board discussed the options of having a virtual trade show, however with the short timeframe to assemble such, it was decided to forgo such an event in January. Depending on restrictions and such, we may assemble something late next year, but only time will tell.

**Jeff** and **Bernie** had been in contact with **Turning Stone**, and discussed the rules and regulations that would apply to the members to have an in-person meeting. Turning Stone has been very accommodating and were willing



Introducing **F&W**  from  
**FLINT & WALLING**  
 **VP Supply Corp**  
3445 Winton Place, Rochester, NY 14623  
[www.vpsupply.com](http://www.vpsupply.com)

## FLINT & WALLING

Flint & Walling builds premium 4" 1/2-2 HP, 60HZ submersible motors, while using quality materials, skilled American workers, and thorough testing.

They ensure F&W 4-inch motors will pass the ultimate test—yours.

That's premium quality and reliability—that's American. To the core.



**Family Owned. American Proud.™**

**585-272-0110**  
Fax: 585-272-0547

### VP Supply Corp LOCATIONS:

- Rochester, NY
- Albany, NY
- Auburn, NY
- Buffalo, NY
- Clifton Park, NY
- Dansville, NY  
(Dansville Electrical Supply)
- Erie, PA
- Glens Falls, NY  
(J.E. Sawyer & Co., Inc.)
- Holley, NY
- New Hartford, NY
- Norwich, NY
- Oneonta, NY
- Plattsburgh, NY
- Syracuse, NY
- Vestal, NY

Represented by  
**GroupOne**  
northeast, inc.

to do whatever they can for the association. However, room capacity, food services (beverage services!), vendor table participation, and other hotel services are severely restricted at this time. Knowing many of us use this meeting to see familiar faces, and trade war stories from the previous year, while sipping some various elixirs, **the tough choice was made to cancel the meeting at Turning Stone and hold our Annual Meeting via Zoom.** We will be mailing ballots out for our annual election of officers, and I promise that Sue and Julie will do a wonderful job of tallying the votes as they come in. I think they both had some previous experience in Florida recounting votes in 2000 or something like that.....

The past 20 years I have been in the business, I've seen ups and downs, new rigs, drillers come, drillers go. But, for the most part, I've seen drillers go. By far, the one thing I have noticed is the overwhelming number of drillers who have retired out, with a severely disproportional number of replacements. It's not just drillers, I see it in virtually all "capital crazy" industries. There is a severe condensing of the industry going on in New York.

In the early and Mid-2000's there was a massive influx of new iron into the state that had the capability to

get a lot of work done quickly. Many guys, ourselves included, upgraded to bigger air, faster rod handling, and consequently a massive amount of work was able to be performed in a shorter timeframe than ever before.

Then by the late 2000's emissions became an expensive proposition, while horsepower and handling had basically plateaued. Costs increased sharply. Around that time, I also noticed the average age of the guys was now 50's I'd say. Add 10 years. Here we are. The average age is now 60's or darn close. I'm hearing "I'm not buying another rig; I don't have much time left".

Let's jump ahead 10 years and look around. Who will be left? There is a driller shortage coming. There is an association shortage coming. Looking back through the years, almost every other town had a well driller. In 10 years will there be one in every county? The industry will condense. There will be a decline in rigs, as well as operators. Supply and demand is about to shift in NY. The extreme costs of drilling equipment, as well as the costs of doing business in NY are taking their toll. The next generation to take over is maybe ¼ the size. What will the next 10 years look like?

**President, Tyler Wills** 

## 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



*Distributor of Domestic and  
Canadian Water Well Casing*

**Manufacturer of  
Butler Larkin Drive Shoes**

Gus Demos     Jim Demos  
Colin McPherron     Chris Stephens  
Bill Taaffe

**800.325.7902**

**sales@vicsteel.com**  
**www.vicsteel.com**

*Threading based in Angelica, NY*

# Simple Steps to Join a Zoom Meeting via Desktop or Mobile App

Meeting ID: **864 9747 0953**

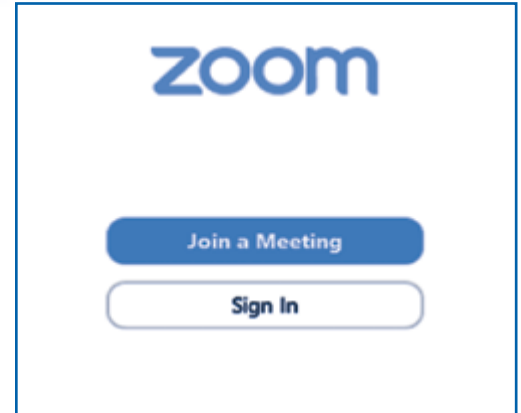
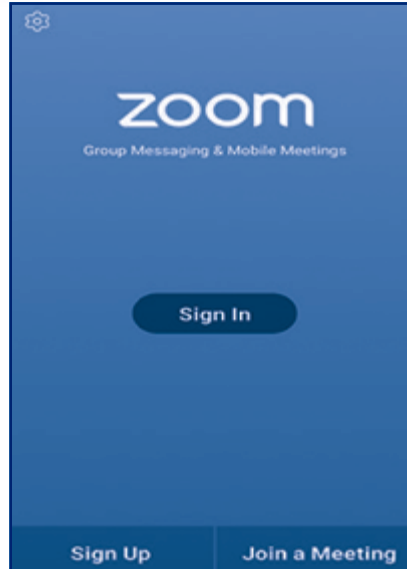
## Annual meeting of the ESWWDA

Wednesday, January 20, 2021  
9:00 a.m.

**Step 1:** Open the Zoom desktop client or mobile app. You can find Zoom by searching for it on whatever search engine you use.

**Step 2:** If you are not signed in, click on 'Join a Meeting' at the top or bottom of your screen.

If you are signed into your account, you will find the invite to your specific meeting under the 'Meetings' tab at the top of your screen.



**Step 3:** If you are not signed in, you will see a dialogue box asking you to enter the relevant **meeting ID** and your desired username. Enter the relevant details to join a meeting on Zoom.

If you install water systems in the Northeast,  
you need to know what **BLAKE** stands for.

**BLAKE**  
EQUIPMENT

**WHEREVER you need us. WHENEVER you need us.**

Throughout the Northeast, **Blake Equipment** stands for fast delivery, great service, and competitive prices. We're your source for pumps, pipes, filters, accessories — everything you need to keep your business flowing.

Remember the name. **Blake Equipment.**  
Your local Northeast distributor.

**BLAKE**  
EQUIPMENT

**NGWA**

Contact your nearest NY branch:

Albany.....	(518) 482-8833
Oneonta.....	(800) 336-6611
Pine Island.....	(800) 914-0099
Syracuse.....	(800) 792-2346

**AssuredPartners**  
NORTHEAST  
(formerly Amtech Ins Brokers)

**POWER** through Partnership

At AssuredPartners we are not just in the insurance business we are true partners. Our national team of dedicated, experienced insurance professionals always have your best interests in mind and are passionate about protecting your assets and helping you grow. Through listening, problem solving and collaboration, together we find the best new innovative solutions to fulfill your specific needs and promote your success — now and for the future. It's what we call power through partnership.

**Drillers Insurance Program**

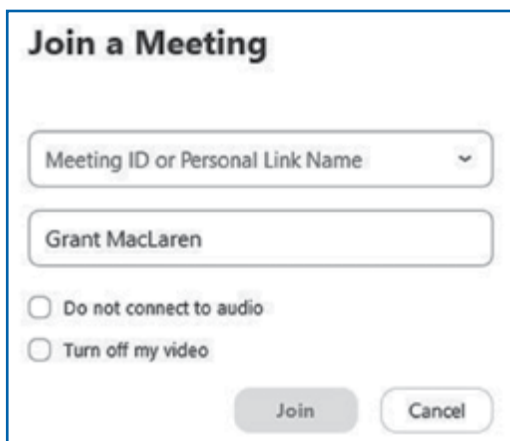
**CONTACT:** Dawn Rooney

**AssuredPartners Northeast, LLC**  
8 Stanley Circle, Latham, NY 12110  
518-783-8801  
Dawn.Rooney@assuredpartners.com



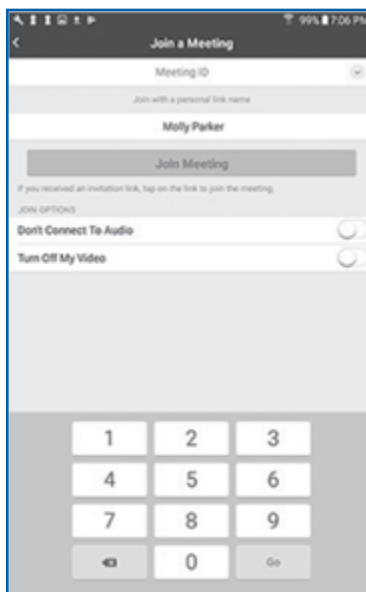
If you are already signed in, simply click on the 'Join' option once you open the desired meeting under the meetings tab.

**Note:** Your meeting ID is provided at the top of the previous page and on the front cover of Hole Talk.



The desktop 'Join a Meeting' dialog box has a title bar 'Join a Meeting'. Below it is a dropdown menu labeled 'Meeting ID or Personal Link Name' with 'Grant MacLaren' selected. There are two radio buttons: 'Do not connect to audio' (unchecked) and 'Turn off my video' (unchecked). At the bottom are 'Join' and 'Cancel' buttons.

**Step 4:** Mobile users can select whether they want to continue with only audio or video under the 'Join Meeting' option. Desktop users can enable and disable the video feed, once you have connected with your host.

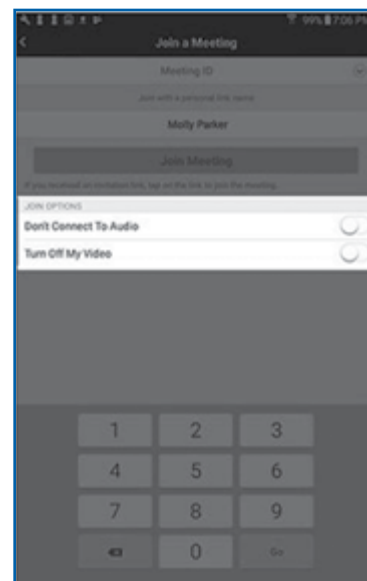


The mobile 'Join a Meeting' screen shows a 'Meeting ID' field with 'Grant MacLaren' entered. Below is a 'Join Meeting' button. There are two toggle switches: 'Don't Connect To Audio' (off) and 'Turn Off My Video' (off). At the bottom is a numeric keypad with digits 1-9, 0, and a 'Go' button.


You should now be connected to the meeting in question and you will be able to communicate with all your team members.

#### Why do I see 'Waiting for the host to start this meeting'?

If you see a window/dialogue box displaying 'Waiting for the host to start



This is another view of the mobile 'Join a Meeting' screen, showing the same fields and options as the previous image.

this meeting' it means that you have joined the meeting in question earlier than it was supposed to commence. You will see the start time for the meeting in concern below this alert. Once your host starts the meeting, this dialogue box will disappear and you will be able to join the Zoom meeting in real-time. 



AN AMERICAN TRADITION  
Since 1933

CYCLE GARD®  
CONSTANT PRESSURE  
PUMP CONTROL

FLOMATIC®  
SUBMERSIBLE  
VFD CHECK VALVES

FLOMATIC®  
ENVIRO CHECK  
FOOT VALVES

FLO-TROL®  
FLOW CONTROL  
VALVES

**FLOMATIC® VALVES**

High Quality Valves Built To Last...

15 Pruy's Island Drive, Glens Falls, New York 12801 | Phone: (800) 833-2040 | WWW.FLOMATIC.COM

## Groundwater Supply Co., Inc.



### "The Drill Store®"

PH (978) 422-3209 Fax (978) 422-6055  
TOLL FREE (888) 375-7867

www.groundwatersupply.net  
sales@groundwatersupply.net



**Full Line of Drilling Equipment & Monitoring Supplies**  
**Waterwell/Geothermal/ Environmental Drilling**



## MI SWACO

A Schlumberger Company

### IHDD Mining & Waterwell Products

- M0014684 - Platinum Foam Plus (5 gal)
- Platinum Plus Drilling Foam 55 Gal. Barrel (not in stock but can order)
- Platinum Rod Ease, Environmentally Friendly



- M0001448 - Kwik Plug Medium Bentonite 1 skid (60 bags)
- M0001543 - Kwik Plug Chips 3/4 (50 lb bag)
- Max Gel Bentonite 50 lbs Bag - (not in stock but can order)
- M0004862 - Smooth Grout 30 (50 lb Bag)

**EWD**  
EAST WEST  
DRILLING, INC.

\* This is a list of products that we carry from Mi Swaco. Many of their other products are available to us as well.



East West Drilling, Inc 157 Buffalo Creek Rd, Millinburg, PA 17844 USA  
570-966-7312 | info@ewdrilling.com | www.ewdrilling.com

**DuraFRAC®**

**Packers**  
& Replacement Elements for  
**Water Well Hydro-Fracturing**

- Durable & fast deflating - so you can get on with the next frac!
- 4.33" OD and 4.75" OD standard
- Custom sizes on request
- Visit our website for our full line of downhole tools



Eastern US: (978) 422-3341  
Western US: (406) 446-9940

duraFRAC@inflatable-packers.com

**Inflatable Packers International, LLC**

www.inflatable-packers.com



**NOT SOLD**  
on the  
internet!

For sale by  
Professionals.

**Rely on D&S Pump and  
Parkhurst Distributing for  
exclusive PumpPro® tanks!**

Homeowners shopping the internet for tank prices will **NOT** find PumpPro® tanks listed... because they are **NOT** on the internet.



**D&S Pump  
& Supply Co., Inc.**

Brewster, Middletown and  
Rhinebeck NY



**Parkhurst Distributing Co., Inc.**  
Ledgewood, NJ



## Professional Geologic and Hydrogeologic Consulting

679 Plank Road, Clifton Park, NY 12065

Phone: (518) 348-6995

www.alphageoscience.com

### Ground Water Exploration & Investigations

- Aquifer studies
- Ground water modeling
- Geophysical investigation
- Fracture trace analysis
- Drought evaluations
- Safe yield analysis
- Wellhead protection studies
- Surface water influence (GWUDI)
- Water quality testing

### Production Well & Well Field Development

- Data collection for production well & well field design
- Pumping test analysis to evaluate yield, water quality, and impacts
- Sampling for laboratory analysis of physical and biological fouling parameters for well redevelopment

### Reports, Data Packages, & Regulatory Support

- Pumping test data packages
- Reports for NYSDOH, NYSDEC, & other agencies
- Water withdrawal permit applications


**Contact: Michael Palleschi, PG, CPG**  
mpalleschi@alphageoscience.com



# ZOOM Etiquette


1. Be sure to **mute your mic** (lower-left corner of your screen) as soon as you sign on and whenever you are not speaking. This is important and perhaps the most critical tip on this list to avoid background noise and distractions for others.
  2. Consider **muting your video** (also on the lower left of the screen) if you are eating, scratching, talking with someone else in the room, or anything else that might be distracting to others.
  3. **Close unneeded applications** on your computer to keep the video optimally functioning.
  4. You might want to **use a headset with an external mic** for best hearing and speaking capabilities.
  5. **When you are speaking**, let others know that you are finished by saying one of these sign-offs: "That's all." "I'm done." "Thank you." So that everyone knows you have finished your comments.
  6. **If you want to speak**, physically raise your hand or use the "raise hand" feature that is available at the bottom center of your screen.
  7. **You can ask questions and make comments silently** if desired using the "Chat" feature (also on the bottom and center of your screen).
  8. **Be mindful of your background lighting.** If you are sitting in front of a window, you may be completely darkened by the light coming through the window. Your overhead light also might need to be turned off or dimmed as well.
  9. **Be sure that there is nothing visually distracting** (e.g., cars or people going by) in the background too.
  10. **Remember to sign out** or "leave the meeting" when the session is finished.
- Bonus item! Do not forget that clothing is not optional!**

## Water Systems Water Treatment Sump and Sewage Systems Geothermal Supplies



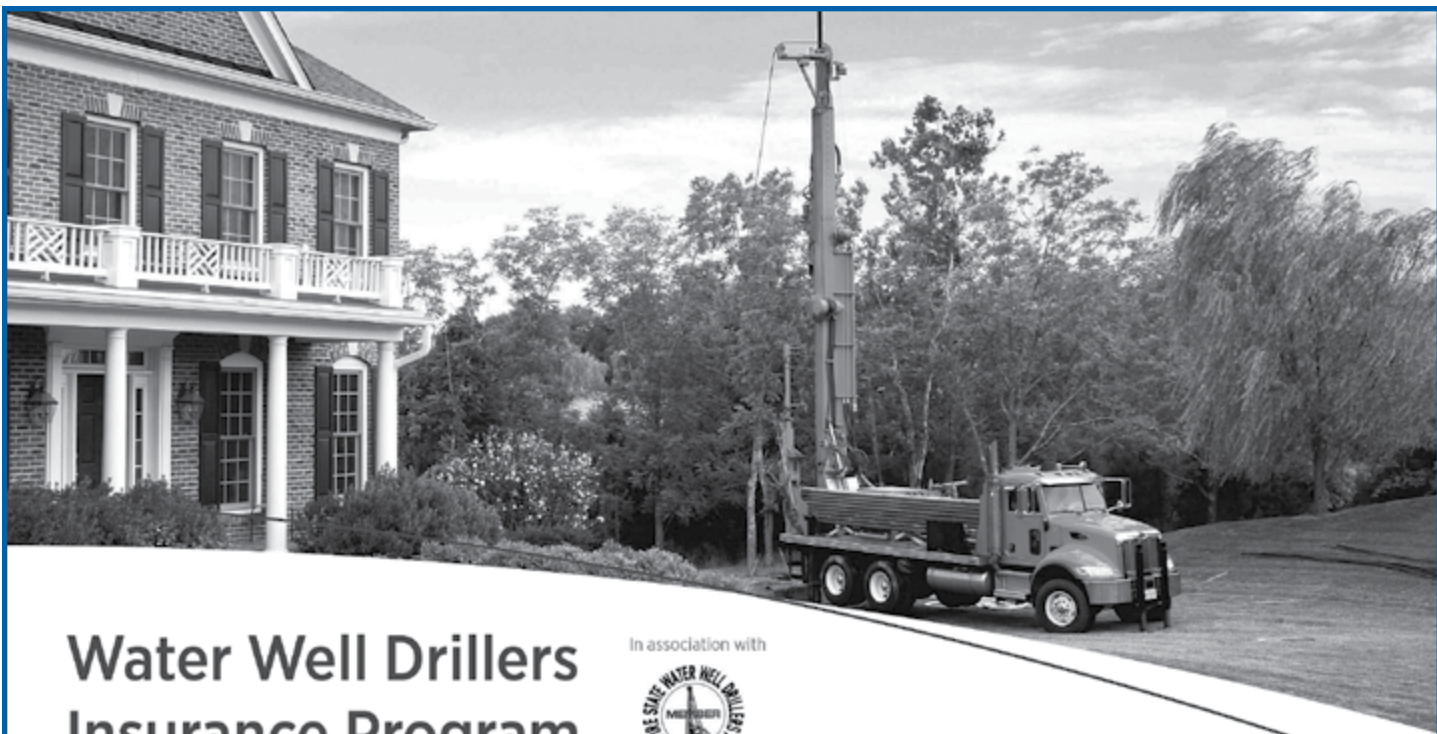
WATER TREATMENT		SUMP & SEWAGE	
WaterSoft <sup>®</sup>	STENNER	GOULDS WATER TECHNOLOGY a xylem brand	Liberty Pumps
PULSAFEEDER A Unit of GLEK Corporation	TROJANUVMAX <sup>™</sup>	LittleGIANT <sup>®</sup>	
		ZOELLER PUMP CO.	Hancor <sup>®</sup> Sump Pumps
PUMPS		FILTERS	
GOULDS WATER TECHNOLOGY a xylem brand	GRUNDFOS	PurePro <sup>®</sup>	3M Aqua-Pure <sup>®</sup>
PIPE		TANKS	
Charter Plastics	Continental Industries	WATTS <sup>®</sup>	ATLAS FILTRI <sup>®</sup> improving water
ADS	Johnson screens <sup>®</sup>	AMTROL	NORWESCO
ShurAlign	WELL CASING	WELLMATE	SNYDER INDUSTRIES, INC. THE EXCLUSIVE SUPPLIER OF TANKS
ACCESSORIES			
American Granby Inc.	Campbell <sup>®</sup> Quality Water System Products	KALAS	Continental Industries
FLOMATIC <sup>®</sup> VALVES	GEO-STAB	WELLMASTER <sup>®</sup> DRIVE SHOES	WYD-BEN

Contact Phil Gent at  
**413-209-7243** for assistance.  
[fwwebb.com/watersystems](http://fwwebb.com/watersystems)



**F.W. WEBB COMPANY**  
Water Systems Division





# Water Well Drillers Insurance Program

In association with



Why have more than 150 drillers from around the Northeast switched to Gallagher's Water Well Drillers Insurance Program?

- Down the Hole Coverage
- Rental Reimbursement
- Business Income
- Replacement Cost
- Full Glass
- Claims Advocacy
- Workers Comp Advocacy
- Carrier Rated "A" by A.M. Best
- Gallagher's 30 years of experience insuring Water Well Drillers

**Analisa Bastiani-Jesco**  
Client Service Mgr. Senior  
518.533.6841  
[Analisa\\_Jesco@ajg.com](mailto:Analisa_Jesco@ajg.com)

**Todd Flanigan**  
Sales Executive  
518.391.2228  
[Todd\\_Flanigan@ajg.com](mailto:Todd_Flanigan@ajg.com)

**Greg Scott**  
Area Vice President  
518.533.6897  
[Greg\\_Scott@ajg.com](mailto:Greg_Scott@ajg.com)

Gallagher - 677 Broadway,  
4th Floor, Albany, NY 12207  
518.869.3535 - [www.ajg.com](http://www.ajg.com)



## Gallagher

Insurance | Risk Management | Consulting

© 2018 Arthur J. Gallagher & Co. 34696A

# Clip-n-Copy

## for your Company's Safety Meeting

# EXTENSION CORD SAFETY

From NGWA

*If you leave an extension cord on the floor long enough,* one of several things will happen to it. It's either going to be stolen, tripped over or damaged. Extension cords are designed to be conveniences, not hazards. But, too often they're converted into hazards by the people who use them. So for a few minutes let's go over some of the ways these safety hazards are formed.

Extension cords are often placed in areas where people aren't used to having them around and a tripping hazard results. This type of hazard is one of the more common ones; so when you use an extension cord, try to keep it out of aisles and other places where pedestrians might trip over it.

Sometimes the tripping hazard can be eliminated by hanging the cord overhead. Ample clearance should be allowed. However, the fasteners used should be a type that won't damage the cord. Or if the cord is on the floor, a board can be placed on each side of the cord to protect it.

When someone trips over a cord, there's not only a chance of injury but the plug may be jerked to the extent that it's damaged, making it an electrical hazard.

But maybe I'm getting a little ahead of the story. Many hazards can be eliminated to start with by selecting the right extension cord for the job. All cords should be UL approved and meet electrical code specifications. If you're using portable electrical equipment, the equipment should be properly grounded, and green-covered ground conductor should be used with a polarized plug and receptacle. If polarized receptacles aren't available, third-wire grounding should be used. The wire should be taped at intervals along the cord to avoid a tripping hazard.

Extension lamp cords are items that get considerable usage. Usually these cords are on automatic take-up reels which ease movements and prevent kinking and excessive bending of the cord.

Jacketed cords should be used with portable electric tools or extension lamps to be used in boilers, tanks and other grounded enclosures.

It should also be noted that extension lamps are sometimes

used under conditions where a 120-volt shock could be fatal, so cords should always be kept in excellent condition. Extension lamps with brass shell sockets should not be used. Porcelain, composition or rubber sockets are recommended. Handles of portable lamps should be made of non-conductive material, and there should be no metallic connection between the lamp guard and socket shell.

Plastic covers of some type are recommended for extension cords which are used around solvents or oils. Be careful not to twist or kink cords and always protect them from sharp objects.


If moisture, heat or chemicals are present, be sure your cord is the proper type to resist the conditions there.

A word of caution. If you make a good connection with a live wire carrying even 110 volts it can be fatal. Wet or sweaty hands make a dangerous connection when at the same time they are in contact with a good ground like a wet floor, a steam or water pipe, or another electrical connection.

Actually, a lot of the strains on current-carrying parts of extension cords can be prevented by use of heavy-duty plugs which are clamped to the cord. This is particularly helpful in cases where the cord is accidentally pulled or jerked.

You've probably noticed that several times I've mentioned the dangers of pulling and jerking on cords. This is the type of torture that they often receive but aren't built for. That's why it's important to inspect extension cords often, and if they're damaged, don't use them.

Not too many of us qualify as electricians with enough know-how to wire a building safely. Yet, we all become instant electricians of some sort when we use extension cords. We plug them in all over the place and we connect them to anything we want to, often overloading electrical circuits.

So try to remember what extension cords really are. They're a convenience designed for a specific purpose. Handle them with care and use them safely. They aren't the answer to every electrical need but they're a lot of help when used correctly. 





## WESTERN RUBBER & MFG.

### Swivel, Packing & Parts

- 20WX-05-90, 20WX-06, & Swivel
- 6JW-05-90, 6JW-06 & Swivel
- 15WX-05-90, 15WX-06 & Swivel
- 3JW-03-90, 3JW-04 & Swivel
- 57192833 & Swivel
- 705075WPW15416 & Swivel
- 705025CHD25 & Swivel
- 25CHD Swivels, Packing and Parts
- 40RM Swivels, Packing and Parts
- 2JW-03-90 & Swivel
- 2JW Rotating Head Swivels, Packing and Parts
- 4JW Swivel Parts ONLY

### Pipe Wipers:

- PWF11-4 11" Flat Wiper 4" ID
- PWF11-4.25 11" Flat Wiper, 4 1/4"
- PWC14-3.00 14" Crown Pipe Wiper, 3"
- PWC14-3.25 14" Crown Pipe Wiper, 3-1/4"
- PWC14-3.50 14" Crown Wiper, 3 1/2"
- PWC14-4.25 14" Crown Pipe Wiper, 4-1/4"
- PWC16-3.25 16" Crown Pipe Wiper, 3-1/4"
- PWC16-3.50 16" Crown Wiper, 3 1/2"
- PWC16-4.25 16" Crown Pipe Wiper, 4-1/4"



FLAT



CROWN

**EWD** EAST WEST  
DRILLING, INC.

East West Drilling, Inc 157 Buffalo Creek Rd, Mifflinburg, PA 17844 USA  
570-966-7312 | info@ewdrilling.com | www.ewdrilling.com

Available From  
**GroupOne**  
Northeast, inc.

MANUFACTURERS'  
REPRESENTATIVES

[www.grouponene.com](http://www.grouponene.com)

**800-825-1330**

Covering  
New York

**Roth MULTITANK® NSF 61  
Cistern and Potable Water Tanks**

*Low Profile, High Performance.  
Heaviest poly tank on the market.  
One-piece design. Installer friendly.  
NSF/ANSI 61 Certified.*

**GOULDS**  
WATER TECHNOLOGY  
a xylem brand

# EVERY DAY IS INDEPENDENCE DAY.

More than 50 years ago, Goulds Water Technology published our "Declaration of Independents," spelling out our commitment to our independent dealers and distributors. We continue to live that commitment every day through the Goulds Professional Dealers Association—because we understand that when you succeed, we succeed. Learn more about our services and benefits, and our outstanding built-in-the-USA products, at [goulds.com/independents](http://goulds.com/independents)



[goulds.com/independents](http://goulds.com/independents)

© 2017 Xylem Inc. Goulds Water Technology is a trademark of Xylem Inc. or one of its subsidiaries.

**xylem**  
Let's Solve Water



# NGWA Special Recognition Award for 2020

*The recipients of NGWA Special Recognition Award for 2020* were **Jeffrey Smith**, MGWC, *Smith Well Drilling*, and **Janice Hawk-Baldwin**, CWD/PI, *Hawk Drilling Co.* This award recognizes an individual or organization that has demonstrated dedication, service, and commitment to the groundwater industry and community through achievement on a local or regional level that would not normally be known at the national level.

Jeff and Janice were instrumental bringing ESWWDA to the table to work with Department of Health,



Department of State and Department of Environmental Conservation regarding the current Well Driller and Pump Installer certification and the well construction standards for New



York State. Now, thanks to their efforts and continual service, ESWWDA is recognized in the State of New York. This recognition is well deserved and long overdue. ***Congratulations to both!***

## Goulds Announces Scholarship Awards



*The GPDA*, an independent network of water system professionals established in 1969, awarded a local recipient one of the 2020 awards. **Kevin Johnson** of *Halcott Center, NY* was one of 16 deserving recipients awarded \$1500.00 based on academic standing, volunteerism and leadership skills. The GPDA has awarded \$324,000.00 to 288 recipients since its inception. For more information visit [www.goulds.com](http://www.goulds.com) or [gpda.info](http://gpda.info).



**The World's Leading  
Drilling Technology**

**Bob Lancaster**  
*Regional Manager*

[bob.lancaster@numahammers.com](mailto:bob.lancaster@numahammers.com)

646 Thompson Road  
Thompson, CT 06277 USA

Office: 800.356.NUMA  
Mobile: 860.933.1715





**DEMPSEY**  
STEEL PIPE CO.

**WELL CASING & DRIVE SHOES  
NEW & USED  
LARGE DIAMETER PIPE**

511 RT 17K (COLDENHAM) • WALDEN NY 12586  
**(800) 437-2895**

## ESWWDA Hole Talk Ad Rates (per year - 4 issues)

Business Card ..... \$150  
 1/4 Page ..... \$400  
 1/2 Page ..... \$700  
 Full Page ..... \$1,200

Please call Susan Bates at **315 339-8960**  
 if you have any questions,  
 or email your advertisement to:  
**gramsue67@gmail.com**

Test Borings • Well Installations • Vacuum Excavations  
 Direct Push Sampling • Packer Testing • Pumping Tests  
 ORC/HRC Injection Services • Well Rehabilitation Services



- Over 40 years of service to Federal, State and Commercial clients
- Crews have both Loss Prevention System and Hazardous Waste Operations Training
- Licensed to drill in all states on the East Coast

P.O. Box 56, 5879 Fisher Road, East Syracuse, NY 13057 (p) 800-782-7260  
 P.O. Box 1029, 501 Millstone Drive, Hillsborough, NC 27278 (p) 800-627-7920  
 info@pwinc.com • www.pwinc.com

**SULLAIR**  
 Air & Drill Compressor Kits

**High Pressure Air Ends**  
**FLOW (cfm) 600-1800**  
**PRESSURE (psig) 350-500**

Series-Dual Stage High Pressure

Series	20/12	20/12	20/12	20/12
Flow (CFM)*	600-900	840-1000	1000-1350	1500
Pressure (Psi)*	350	350	350	350
RPM	2100	1800	2100	2100
Wt (lbs.)	2200	2200	2350	2350
Dim - LxWxH (in.)	67x34.8x42	67x34.8x42	67x34.8x42	67x34.8x42

Series	20/12	20/12	20/12	20/12
Flow (CFM)*	750-900	1150-1350	1500	1800
Pressure (Psi)*	500	500	500	500
RPM	2100	1800/2100	2100	2100
Wt (lbs.)	2350	2350	2350	2350
Dim - LxWxH (in.)	67x34.8x42	67x34.8x42	67x34.8x42	67x34.8x42

\* Operating Capability

Contact Us at:  
 East West Drilling, Inc. 157 Buffalo Creek Rd.  
 Millinburg, PA 17844 USA  
 570-966-7312 info@ewdrilling.com  
 www.ewdrilling.com

**IEWD**
**EAST WEST DRILLING, INC.**
**SULLAIR**



**Premier Pump & Supply, Inc.**

**Our Loyalties Haven't Changed**



**1-888-816-3000**

"We Make It Easier"

**We don't make promises...  
We make COMMITMENTS!**

For **ALL** your water-related needs:  
 Well Pumps  
 Water Tanks  
 Water Sanitization & Conditioning  
 Well Drilling Supplies  
 Water Pipe

**Helping your business GROW for Generations**

**Ground Water Systems, Inc.**

- Bloomfield, NY 585-657-6140 1-800-724-9785
- Binghamton, NY 607-722-4224 1-800-724-0940
- Danville, NY 585-335-2150 1-800-896-0681

**www.GroundWaterSystemsInc.com**

**D & S Pump & Supply Co., Inc.**

- Brewster, NY 1-800-431-1842
- Middletown, NY 845-692-3200
- Rhinebeck, NY 845-876-3071

**www.dspumpco.com**



**Drilling Rigs  
Rig Overhauls  
Parts and Service  
Technical Support  
Aftermarket Upgrades**



*Drilling Rigs  
Designed for the Water Well Driller  
by the Water Well Driller*

468 Limestone Rd.  
Oxford, PA 19363  
610-467-1750  
Patriot@PatriotRigs.com  
www.patriotrigs.com



# BROOME PUMP

**Broome Pump, Inc.** 44 Amsbry St., Binghamton, NY  
800-392-4620 Local 607-723-7301 Fax: 607-724-7880  
**broomepump@stny.rr.com**

**Rely on us for these product lines:**

**BAKER®**  
WATER SYSTEMS DIVISION

**Campbell**  
Quality Water System Products

**FLOMATIC® VALVES**



**Southwire®**  
WE DELIVER POWER... RESPONSIBLY

**BMI**

Line of quality  
Valves and Fittings

**FLINT & WALLING**



Pumps for Water Wells,  
Commercial and  
Industrial Applications

## Condolences

The ESWWDA wishes to express it's deepest sympathies to the family of **Terence Kendrick** of Kendrick Drilling out of Monroe, NY



Mr. Kendrick passed away unexpectedly on **June 27, 2020** at Orange Regional Medical Center in Middletown, NY. Services were private at the request of the family.

**Alan D. Goold**, Valatie, New York, passed away unexpectedly on **August 16, 2020** at the age of 88. Born in Hudson on April 3, 1932, Alan retired from the family business as president of W. Gordon Goold Wells and Pumps in 2013.



Mr. Goold was predeceased by his wife Ruth and is survived by his children Ricky, Walter, Debbie and Judy and their families.

Services were held Friday, August 21st in Chatham with burial services at the Chatham Center Cemetery, *Memorial donations may be made to Tri-Village Fire Company or the Chatham Lions Club.*

The ESWWDA expresses its sympathies to the family of **Raymond Gillespie**, Gillespie Well Drilling of Montgomery, NY. Mr. Gillespie passed away on **October 4, 2020** in Beacon, NY at the age of 88.



He is survived by his wife Virginia, daughter Brenda and son Randy and several grandchildren and great grandchildren.

Services were private at the convenience of the family. Memorial contributions can be made to the American Legion Osborn-Fitzsimmons Post 521, PO Box 1131, Montgomery, NY 12549.

We at the ESWWDA are sad to announce the passing of **Wayne Nash**, aka Cowboy or Pappy, on **October 23, 2020** in Brunswick, GA.



Wayne was a 50-year experienced driller both in the water industry but also in the oil industry. He was also a long time contributor to the National Driller, "The World According to Wayne"

A memorial will be held at Family of Life Church, 5140 Blythe Island Highway in Brunswick, GA and officiated by his daughter, Pastor Emily on November 14, 2020 at 1pm.



## 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 a scholarship 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:

### NYS DEC: **Beth Guidetti**

(877) 472-2619

[NYSWells@gw.dec.state.ny.us](mailto:NYSWells@gw.dec.state.ny.us)

### NGWA Main Office:

(800) 551-7379

[www.ngwa.org](http://www.ngwa.org)

### PSI Exams:

800-733-9267

[www.psiexams.com](http://www.psiexams.com)

### Water Systems Council:

(202) 625-4387

[www.watersystemscouncil.org](http://www.watersystemscouncil.org)

### American Ground Water Trust

(603) 228-5444

[trustinfo@agwt.org](mailto:trustinfo@agwt.org)

### ESWWDA: **Julie Boyd**

(845) 225-3196

[Jewels2564@aol.com](mailto:Jewels2564@aol.com)

### Hole Talk: **Susan Bates**

(315) 339-8960

[Gramsue67@gmail.com](mailto:Gramsue67@gmail.com)

### NYS DOT

#### Division of Permitting

#### **Ken Dodge**

(888) 783-1685

#### Truck Safety

#### **Bill Leonard**

(518) 457-2019 🗨️

## Dig Safely. New York

- Call Before You Dig
- Wait The Required Time
- Confirm Utility Response
- Respect The Marks
- Dig With Care

**800-962-7962**  
[www.digsafelynewyork.com](http://www.digsafelynewyork.com)

## 2020 Suppliers & Manufacturers Sponsors

Arthur J. Gallagher Risk  
Management Services Inc

Assured Partners

AY McDonald Mfg. Co.

Baker Water Systems

Baroid Halliburton

Blake Equipment

Boshart Industries

Charter Plastics

CSI Water Treatment

D&S Pump & Supply

Dempsey Steel Pipe Co.

East West Drilling Inc.

Emmons Metro LLC

Epiroc USA LLC

EXCEL

Flexcon Industries

Flomatic Corporation

Franklin Electric

Funk Manufacturing

FW Webb

Goulds Water Technology

Ground Water Systems Inc.

Groundwater Supply Co Inc

Group One

Grundfos

Master Water Conditioning  
Corp

Morris Industries

Northeast Drill Supply

Numa Tool Corp

Patriot Rigs & Service

Pentair Flow Technologies

Preferred Pump

Premier Pump & Supply, Inc.

Pro Products, LLC

Pro Source Sales

Wyo-Ben, Inc.

*Thank you for your support of the ground water industry!*

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](mailto:mcchesney.dennis@epa.gov)



**High Performance Products  
and Service Delivered by a  
Superior Worldwide Organization**

Contact:

**Dennis Duty 540-729-0483**

**Michael Miller 603-418-5625**

Baroid Industrial Drilling Products

P.O. Box 1675 Houston, TX 77251  
877-379-7412 or 281-871-4613  
[www.baroididp.com](http://www.baroididp.com)

### Cable Tool Bits

100% Made in the USA



**Supreme:** Our most commonly used all-around bit. The Supreme hard rock bit with its full gauge and flat face can handle almost any formation from granite and basalt to limestone, hard sandstone, dolomite or most any other formation you may encounter while drilling.



**Soft Rock:** For aggressive soft rock drilling. The Soft Rock features a concave face and extra channels to blast away shale, slate, clay, sandstone and medium limestone. The larger channels reduce the need for re-drilling of settled material.



**Drop Center:** Designed for unconsolidated formations, the Drop Center features a full gauge and concave face. The concave face allows cuttings to escape faster providing a higher unit load on impact and helps keep the bit centered for a straighter hole. Use on granite and basalt to limestone, hard sandstone, dolomite and hard pan mixed with hard rock.



**"Z":** Named for the appearance of the face, the Z bits are designed for gravel and sandy rock formations. The leading edge creates a "scooping" action while the reduced shoulder area allows gravel to fall easily past the bit reducing the possibility of being wedged against the casing. Carbide inserts fracture any hard rock encountered in these types of formations.



**Eccentric:** The head of these bits are offset from the centerline 1/2" allowing the bit to overdrill approx. 1" in one full rotation. This design allows the bit to fit through a standard sized casing while drilling an oversized hole. Eccentric bits can be very effective when setting casing into rock or through boulders.



**EWD  
EAST WEST  
DRILLING, INC.**

East West Drilling, Inc 157 Buffalo Creek Rd, Millinburg, PA 17844 USA  
570-966-7312 | [info@ewdrilling.com](mailto:info@ewdrilling.com) | [www.ewdrilling.com](http://www.ewdrilling.com)





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 [Jewels2564@aol.com](mailto:Jewels2564@aol.com) or [Gramsue67@gmail.com](mailto:Gramsue67@gmail.com) no later than **February 1, 2021**, the next **Hole Talk** deadline.

## UPCOMING EVENTS

### **December 8-10, 2020**

#### **NGWA Groundwater Expo**

Las Vegas Convention Center

**CANCELLED**  
due to COVID-19 Restrictions

### **January 19-20, 2021**

#### **ESWWDA Annual Meeting**

VIRTUAL ZOOM MEETING @ 9am

The Zoom site can be accessed through your preferred

search engine.

Click on join meeting; the meeting id# is **864 9747 0953**; be patient, you will be granted access in the order that your request is received.

Since we will not be able to have the election of officers over Zoom, **ballots will be mailed out and must be returned to Susan no**

**later than January 15, 2021.**

### **March 12-13, 2021**

#### **New England Water Well Expo**

**CANCELLED**  
due to COVID-19 Restrictions

### **TO BE ANNOUNCED**

#### **ESWWDA Spring Meeting**

Visit [www.nywelldriller.org](http://www.nywelldriller.org)