



# Hole Talk

Summer 2024  
Published Quarterly

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

## ESWWDA Summer Meeting July 12-14, 2024

Penn Yan, NY

**Barney Moravec, Inc.** is proudly hosting the **Empire State Water Well Drillers (ESWWDA)** summer meeting at their place of business, **124 Horizon Park Dr., Penn Yan, NY 14527**. They will be celebrating 90 years in the business of water well drilling and will be doing presentations for Geothermal Drilling, Geothermal Marketing, Developing a Builder and HVAC Base, Regulatory Updates, Geo Presentation / Demonstration, the Efficient Geothermal Loop Design / Case Projects. During the event a 500 ft. bore will be drilled and the loop and grout installed.



Rooms have been reserved at the **Showboat Motel and Restaurant** on Seneca Lake. Please call **(607) 243-7434** for a reservation. The reservation code for the Showboat Motel is **"well2024"**. **Penn Yan** is a small town so choices for lodging are limited, they are asking that reservations be made well in advance to guarantee that you'll have a room. Rooms have also been set aside at the **Hampton Inn** on Keuka Lake by calling **(888) 787-1885**.



*The Moravec's have room at their shop site for anyone who would like to bring their RV or camper; however there are no electrical or water hookups available.*



## 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

Board of Directors . . . . .	2	ESWWDA Geo Comments . . . . .	9-10
Meeting Directions . . . . .	2	First Aid, Molly Boyd, MD . . . . .	11-13
President's Message . . . . .	3	Be Tick Free. . . . .	16-17
Meeting Minutes. . . . .	4-5	Workers' Comp Issues, Dan Hushion	18-23
Membership Report/Application .	6-7	Bits & Pieces . . . . .	25-27
		Upcoming Events . . . . .	28

# Summer Meeting Agenda

2024 Empire State Water Well Drillers Association  
Penn Yan, NY - July 12-14, 2024

## Friday, July 12, 2024

**8:00 – Noon** **Begin Drilling** of 500 Ft Bore and Water Well  
(coffee and donuts)  
& Brady Fultz Modified Race Car Displayed

**Noon – 1:00 pm** **Lunch Provided**

### *Introduction of Special Guests / 90 Year History of Barney Moravec, Inc.*

Expansion into Geothermal Opportunities: NYGEO

- o Geo Marketing, Developing Your Builder and HVAC Base
- o Regulatory Update

**1:00 – 2:30 pm** **Geo Presentation / Demonstration**

- o The Efficient Geothermal Loop Design / Case Projects
- o Loop and Grout 500 ft Bore

**2:30 – 3:30 pm** **Board of Directors Meeting** (Conference Room)  
(Vendor Set Up)

**3:30 – 5:00 pm** **Supplier Cocktail Party and Trade Show**

**5:00 – 7:00 pm** **Dinner** catered by **The Wagner Restaurant**  
with Music by **Madelyn Mosch**

## Saturday July 13, 2024

**9:00 – 10:00 am** **General Membership Meeting**

**10:00 – 11:00 am** **Presentation: Water Well & Geo Bore Logging and the Importance of Accurate Details and Geologic Descriptions**

**11:00 – 12:00 pm** **Hydrofracturing Demonstration**  
- Utter Well Drilling

Following the meeting ... **ENJOY THE FINGER LAKES**

You will be in the heart of Finger Lakes Wine Country. In addition, there are many Breweries, Distilleries, and vacation rentals. You may choose to tour Keuka Lake or Seneca Lake and in either case you will not be disappointed with what you find.

Please RSVP by **July 1st, 2024** if you are planning on attending to [moravecwaterwells@gmail.com](mailto:moravecwaterwells@gmail.com) or call **Judy** at 315-536-3911

## 2024 Officers and Directors

### 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)

### Vice President

**Chris Root, CWD/PI, Root Contracting**  
(585) 593-4304 • [Rootwaterwell@gmail.com](mailto:Rootwaterwell@gmail.com)

### Past 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)

### 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) 225-3060 • [Gramsue67@gmail.com](mailto:Gramsue67@gmail.com)

### 3 - Year Directors

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

#### **Daniel Boyd, DNA Well Maintenance**

(772) 626-4515 • [Daniel.Boyd70@gmail.com](mailto:Daniel.Boyd70@gmail.com)

### 2 - Year Directors

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

#### **James Utter, Utter Well Drilling**

607-582-7436 • [jimdrilling@yahoo.com](mailto:jimdrilling@yahoo.com)

### 1 - Year Directors

#### **Mike Palleschi, CPG, CWD**

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

#### **Richard Tompkins, Reliable Pump & Well**

845-629-8301 • [reliablepumpandwell@gmail.com](mailto:reliablepumpandwell@gmail.com)

### Supplier Directors

#### **Alan Dretel, D&S Pump and Supply**

845-279-3785 • [aldretel@aol.com](mailto:aldretel@aol.com)

#### **Bernie Kistner, Group One Northeast, Inc.**

(845) 473-1969 • [bckistner@aol.com](mailto:bckistner@aol.com)

#### **Dave Keough, Blake Equipment**

(845) 258-7867 • [Dave.keough@blakeequip.com](mailto:Dave.keough@blakeequip.com)

#### **Christopher Beatson, Xylem**

585-469-0069 • [christopher.beatson@xylem.com](mailto:christopher.beatson@xylem.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

# Being Involved

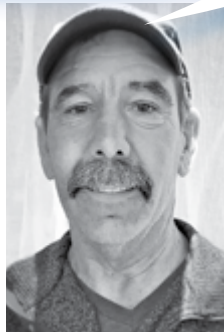
*As spring slowly warms things up it sure feels good to say goodbye to winter, at least for a while.*

I just got back from the spring ESWWDA meeting in Kingston, NY hosted by **Julie & Henry Boyd**. As usual, these two did a great job. Thanks to everyone that was able to attend. We touched on several topics as you will read in this *Hole Talk* that need to be addressed before the summer meeting.

I will get with Julie to schedule a zoom meeting with our board of directors and committee members sometime soon. I would also like to thank **Dr. Molly Boyd** for her presentation and **Dan Hushion** from **Gallagher Risk Management** for his presentation.

During this late winter and early spring, I took the time to go to the **Vermont Groundwater** annual meeting. It had several speakers and was very well attended. **Ken White** along with his board do a great job over there.

I also did a zoom meeting and was asked to be on a panel for **NY Geo** at their meeting in **Albany, NY**. The main topic of both panels I was involved with was drilling deeper than 500' for geo and getting geo regulations



for drillers coming into our state. As of now there are no regulations required. Both **Beth Guidetti** and **Carrie Frielfo** from **DEC** assured me ESWWDA will be involved with these regs. Our government affairs and geothermal committees along with myself will do our best to keep everyone updated.

Thanks to **Kevin Moravec** from **NY Geo** for involving me in this. Kevin is also on our geo committee and does a great job for us.

As many of us know, **Jeff Quinn** recently passed away. This came as a great shock to us. Jeff has done so much for so many drillers. He has helped us out with problems or questions we had involving mud rotary, grouting, etc. Jeff was very active in our association and had a larger-than-life personality. Jeff will be greatly missed.

On closing I hope to see many of you at the summer meeting in **Penn Yan** which will be hosted by the **Moravec family**. It surely sounds like they have a lot planned. I am sure we will learn something.

Thank you.

**David Rosick**, ESWWDA President 


## The Showboat Hotel and Dockside Restaurant



Located on Seneca Lakes west shore, at **3434 North Plum Point Rd., Himrod, NY 14842**, this hotel can be accessed by motor vehicle or by boat using **GPS: Latitude: 42.598858, Longitude: -76.921663**. In the heart of the Finger Lakes wine region, many options are available to explore and enjoy.

Under new management, the establishment has undergone numerous upgrades and renovations. The dockside building is home to the restaurant/bar, docks and entertainment. Rooms are available with either a lake view or a creek view depending on availability.

The Showboat Hotel's location and relaxing atmosphere make it one of the best places to stay in the Finger Lakes. We are located on the west shore of Seneca Lake between Geneva and Watkins Glen and just minutes from the Seneca Lake Wine Trail. Leave your car here and boat right from our dock to relax, tour, and fish in Seneca Lake. Then return in the evening for a casual and relaxing dinner at the Dockside Restaurant.

The Finger Lakes wine region has multiple wineries and distilleries within a short distance that you may tour or do a tasting. Boat tours are also available on both Seneca and Keuka Lakes. 

# Spring Meeting

## April 20, 2024

The general membership meeting of the **Empire State Water Well Drillers' Association** was called to order at 9:08 am on **Saturday, April 20** in Kingston, NY with 20 members and their families in attendance. The following officers and directors answered the roll call:

President **David Rosick**

Director **Daniel Boyd**

Director **William Frey**

Director **Alan Dretel**

Director **Bernie Kistner**

Director **Dave Keough**

Raffle tickets were being sold by **Carol Lawrence** and **Elizabeth Smith**. **Alan Dretel** made the motion to wave the reading of the minutes from the previous meeting and accept them as printed in *Hole Talk*. **Henry Boyd** seconded this motion. The motion was carried by the membership.

The treasurer's report had been presented to the board the previous night and was accepted.

**President Rosick** thanked the membership for attending and the **Boyd family** for hosting the meeting. The directors had a zoom meeting in February to discuss matters of finance, the annual meeting, and the geothermal regulations in New York State. As an association we are actively working with the New York State DEC on these regulations. The current and past board members are discussing ideas to help offset the high cost of the annual meeting. In regard to the annual meeting, we will be doing something to acknowledge the recent passing of **Jeff Quinn** from Baroid.

**Communications:** The membership received a thank you letter from **Grace Okon** who upon receipt of her grades

received a \$500 one-time award from the **Daniel Shultes scholarship**.

**Sickness & Health:** We would like to acknowledge the passing of **Jeff Quinn, Larry Converse, Sr., Jeff Wellen (WSC), Michael Stewart, and Bill Canavan**.

Presentations from both speakers will appear in separate articles in *Hole Talk*.

**Insurance & Safety:** As summer approaches, many clients are renewing their insurance policies and trying to save some money. I wanted to share some important info about **NYS Construction Credit** applications and how using loss control resources can help. Basically, these initiatives can lower workers' compensation costs for employers in certain construction classes like drilling and plumbing. It is also crucial to let your insurance broker know if you are investing in loss control resources to improve your risk profile and reduce overall premiums.

Just a friendly reminder, NYS Construction Credit applications are due three months before renewal. They are a great way for construction industry employers, especially those in drilling and plumbing, to cut down on workers' compensation costs. By submitting these applications, you can apply for credits that help reduce those costs, which is especially helpful if you pay higher hourly rates. You can either do the application yourself or get help from an insurance broker.

Aside from the applications, it is also important to consider investing in loss control resources to further reduce risks and costs. Let us talk about two examples:

1. **NYS License Event Notification Service:** This service keeps you

updated in real-time about any changes or events related to your licenses. Subscribing to it helps you stay informed and can positively affect your overall premium. Do not forget to tell your insurance broker if you are using this service.

2. **Telematics System:** This system uses advanced technology to monitor various aspects of your company's operations, like vehicle usage, driver behavior, and maintenance schedules. By implementing it, you can identify and address potential risks early on, leading to improved risk profiles and reduced workers' compensation costs. Make sure to inform your insurance broker about using this system too.

To sum it up, NYS Construction Credit applications are a great way for certain construction employers to save on workers' compensation costs. And by investing in loss control resources like the NYS License Event Notification service and Telematics systems, you can further improve your risk profile and lower overall premiums. Just remember to communicate with your insurance broker to make the most of these opportunities.

**Membership:** We currently have a total of **289 members**. Currently 236 are paid and 53 are unpaid. Just a reminder that dues will be increasing when 2025 invoices are sent out this fall.

**Scholarship:** The Board awarded two \$500 **Daniel Shultes scholarships**, one to **Ava Utter** and the other to **Catherine Nearpass** pending receipt of their first semester grades. **Ava Utter** from **Utter Well Drilling** will be studying nursing at **St. John Fisher**, and **Catherine Nearpass** from **Gatehouse Pumps** will be studying environmental science at **Villanova University**. *Congratulations to both!*



## 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**

**Government Affairs:** No report given.

**NEWWA:** Henry Boyd reported that the recent NEWWA Expo was very successful. Our attendance was up and there was a lot of iron on the floor. We will know more after the NEWWA Board meets in late September.

**Budget & Finance:** No report given.

**Education:** Henry Boyd thanked both Dan Hushion and Dr. Molly Boyd for their incredible presentations.

**NGWA:** Art Becker stated that NGWA was working with a bank to develop low interest loans for water wells and geothermal wells.

**WSC:** Julie Boyd reported the WSC has revised the **Water System Handbook**, and it is available for pre-sale on their website.

**HoleTalk:** The deadline for the next issue is **May 1**.

**Public Information:** Please check the website to make sure your company and employees are listed correctly.

**DOT:** Willam Frey stated that some state troopers are transferring to DOT

enforcement officers to fill their years until retirement. These officers seem more “relaxed.”

**Continuing Education:** Status quo.

**Geothermal:** President Rosick stated that there has been a great deal of discussion regarding certification, drilling below 500 ft and reporting requirements. The association is working closely with DEC on these standards.

**Past Presidents:** No report given.

**Old Business:** Summer Meeting: **July 12-13 in Penn Yan** hosted by the **Moravacs**. Reservation can be made at the **Showboat Motel and Restaurant** by calling (607) 243-7434 and using the “[well2024](#)” to identify yourself. There will be 2 full days of activities beginning at 8am on Friday. Details will be on our Facebook page as well as the website. **The Hampton Inn** is also taking

reservation (888) 787-1885. *Be sure to book early as it’s a small town with limited availability.* Fall meeting is still to be determined. We are looking for a site in October.

**New Business:** 2025 Annual Meeting is January 14-15 at **Turning Stone**. Details will follow in the Fall issue of *Hole Talk*. Spring 2025 meeting is still to be determined. Summer 2025 meeting will be in Glens Falls; NY hosted by **Flomatic**. **Jim Wild** brought up the idea of doing a truck auction to raise money to offset the cost of the annual meeting. This idea was discussed as well as other auction ideas. It will be referred to the **Budget and Finance Committee**.

At this time **Owen Smith** drew the winning raffle ticket. **Charles Nielson** won \$100. At 12:20 pm **Alan Dretel** made a motion to adjourn the meeting. **Shaun Boyd** seconded the motion. All were in favor and the motion passed.

Respectfully Submitted by,  
**Julie Boyd** 🗨️

## “Support your Suppliers who support You”

### DnA Water Well Maintenance

Hydrofracking and water well rehabilitation for your residential, commercial and irrigation needs.

Call today for an estimate!

Owners: Daniel & Adrienne Boyd  
(845) 600-6382

[DnAWaterWellMaintenance@icloud.com](mailto:DnAWaterWellMaintenance@icloud.com)

**Hydrofracking is money “well” spent!**

NOT ALL  
ROCK DRILLING  
TOOLS ARE THE SAME  
NEVER SETTLE FOR LESS THAN NUMA.



Bob Lancaster  
bob.lancaster@numahammers.com  
cell: 860.933.1715  
office: 860.923.9551

**NUMA**  
HAMMERS AND BITS



## 2024 ESWWDA Committees

### Scholarship

Chairperson Jim Utter 607-582-7436  
Kevin Moravec 315-536-3911

### Education

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

### Membership

Chairperson Sue Bates 315-225-3060  
William Frey 716-937-7977  
Chris Root 585-593-4309

### Insurance/ Safety

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

### Government Affairs

Chairperson Janice Hawk-Baldwin 518-885-7952  
Sandra Baldwin 518-885-7952  
Alt. Jeff Smith 518-758-6142  
All Board of Directors

### NEWWA

Chairperson Henry Boyd 845-225-3196  
Julie Bullock 845-225-3196  
Alt. Alan Dretel 914-522-7855  
James Utter 607-351-1002

### Liaisons to NGWA/WSC

Chairperson Chris Root 585-593-4304  
Henry Boyd 845-225-3196  
Jeff Smith 518-758-6142  
Alan Dretel 914-522-7855  
Michael Palleshi 518-348-6995  
Richard Moravec 315-536-3911

### Budget & Finance

Chairperson Chuck Crover 845-783-9355  
Bernie Kistner 845-473-1969  
Analisa Jesco 888-869-3535  
Alan Dretel 914-522-7855

### Hole Talk

Chairperson Julie Bullock 845-225-3196  
Sue Bates 315-225-3060

### By-Laws

Chairperson Tony Ferraioli 518-861-8733  
Henry Boyd 845-225-3196

### Environment

Chairperson Henry Boyd 845-225-3196  
Daniel Boyd 772-626-4515

### DOT

Chairperson Jeremy Baldwin 518-885-7952  
Chris Root 585-593-4304  
Brian Frey 716-937-7977  
Daniel Boyd 772-626-4515

### Geothermal

Chairperson Kevin Moravec 315-536-3911  
Jeremy Baldwin 518-885-7952  
Richard Tompkins 845-629-8301

### Giving Back

Chairperson Sandra Baldwin 518-885-7952  
Chris Root 585-593-4304  
William Frey 716-937-7977  
Tyler Wills 518-758-6142

### Suppliers' Division

Chairperson Bernie Kistner 845-473-1969  
Dave Keough 845-258-7867  
Alan Dretel 845-279-3785  
Christopher Beatson 585-469-0069

## MEMBERSHIP REPORT

# May 2024

CATEGORY	TOTAL	PAID	UNPAID
Contractors	168	145	23
Suppliers/Manufacturers	46	23	23
Associates	75	68	7
	===	===	==
Total Members	289	236	53


*Members in arrears for 2+ years  
will be dropped from active membership*

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

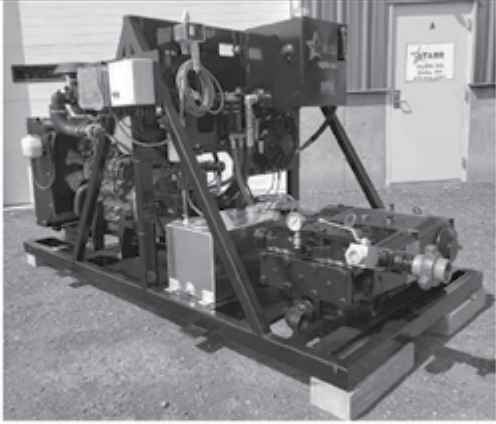
**or PayPal at [www.nywelldriller.org](http://www.nywelldriller.org)**

## No new members this quarter

# “Support the Suppliers Who Support You”




**STARR Hydro Inc.**  
Water Well Hydrofrack Equipment Supplier in the U.S. and Worldwide  
978-422-3341 • 978-906-3343



**Water Well Hydrofracturing  
Equipment & Supplies**

Frack Pumps ● Parts ● Repairs ● Packers  
Inflate Pumps ● Frack Pipe ● Handling Tools  
● Hoses & More



**IPI Packers**  
Made differently  
Perforated better  
**DuraFRAC®**

## 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 # \_\_\_\_\_

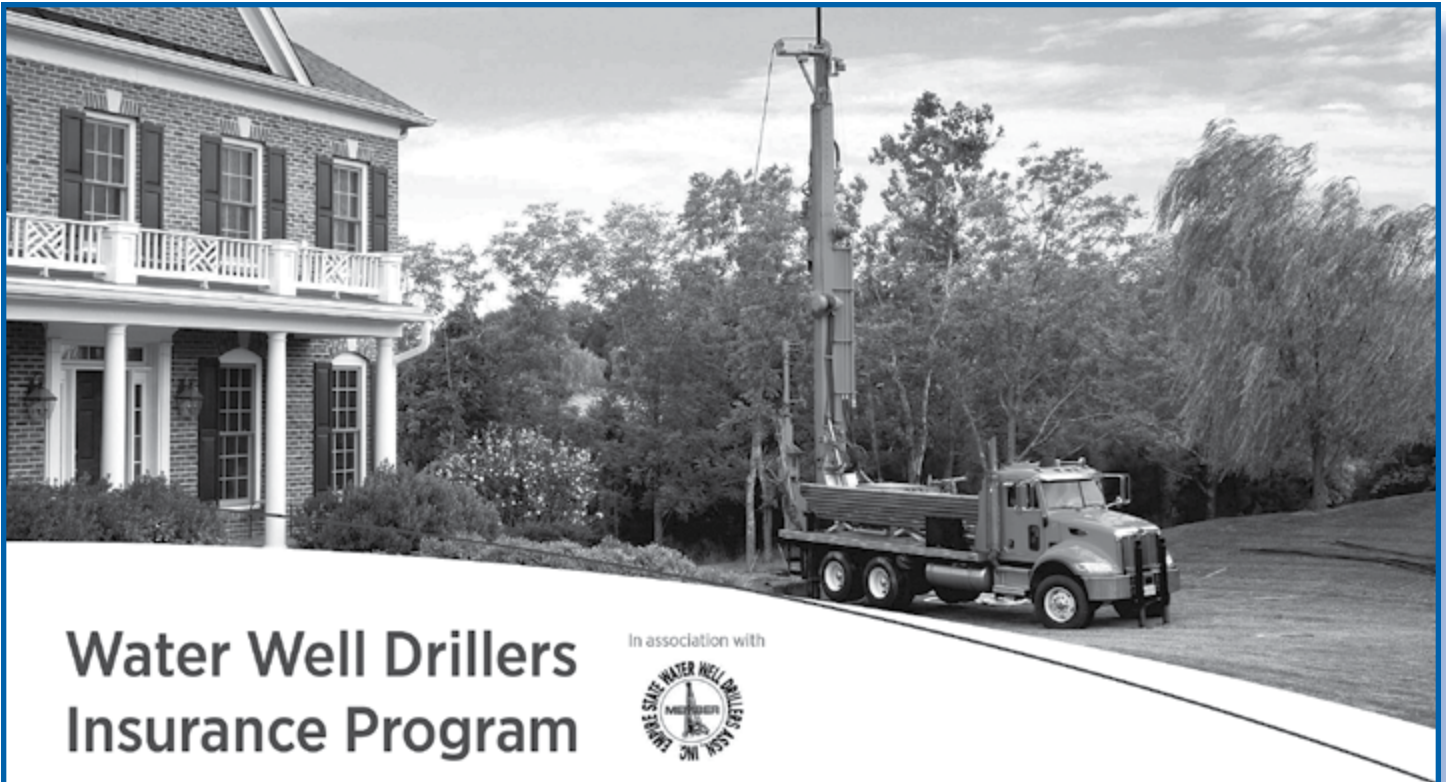
Associate Company Member .....\$25 NYS DEC Reg. # \_\_\_\_\_

Sponsor: \_\_\_\_\_

**Dues are NOT Tax Deductible**

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





# 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

**Todd Flanigan**  
Sales Executive  
518.391.2228  
Todd\_Flanigan@ajg.com

**Greg Scott**  
Area Vice President  
518.533.6897  
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



## Comments on Regulation of Closed Loop Geothermal Wells

For more than 80 years, the Empire State Water Well Drillers' Association ("ESWWDA") has served as the sole statewide trade association of New York State's premier water well drillers and associated members, representing the vast majority of water well drillers in New York State. ESWWDA has been at the forefront of legislative and regulatory efforts to bring the highest standards to the well drilling industry and thereby protect New York's ground water which supplies drinking water to hundreds of thousands of New Yorkers every day. As a group that is committed to protecting our natural resources through the promotion of the ground water industry, the ESWWDA has championed State oversight, registration of, and regulations for businesses conducting water well activities in New York State.

Chapter 87 of the Laws of 2024 requires that, to ensure the protection of natural resources, the environment, public health and public safety, Department of Environmental Conservation ("DEC") promulgate rules relating to geothermal drilling deeper than 500 feet. As DEC moves forward with the rulemaking process, ESWWDA urges that the proposed regulations address the following, at a minimum:

### I. Registration

- a. No closed-loop borehole deeper than 500 feet should be permitted to be drilled without the **prior registration** of the borehole driller with DEC.
- b. DEC must maintain a publicly accessible log that records each registration.
- c. Such registration should include the:
  - i. name, address and registration number of the well drilling company performing the well drilling;
  - ii. name and registration number (if different) of the well driller;
  - iii. address and coordinates of the property where the drilling will be performed; and
  - iv. identity of the owner of the property upon which the borehole will be drilled.

### II. Role of Registered Well Driller

- a. A DEC registered well driller must be on-site daily for any geothermal drilling with boreholes over 500 feet deep.
- b. The on-site driller must have passed the National Ground Water Association exam for "Certified Vertical Closed Loop Drilling Operations."
- c. Proper grouting is essential to keeping our ground water supplies safe. The on-site driller or other competent individual should be tasked with ensuring that appropriate grouting techniques, applicable to the geology of the property in which the borehole is being drilled, are used.



III. Well logs


- a. DEC should require well logs for each geothermal closed-loop borehole site that is drilled.
- b. All well logs must include:
  - i. bore hole depth;
  - ii. thermal grout specifications;
  - iii. number of batches or bags of grout used;
  - iv. identification of salt water on every borehole;
  - v. the technique utilized for the grout installation, as specified by the engineer;
  - vi. the name of the brand, manufacturer and, if applicable, the distributor, of the grout product.

IV. Attestation of Completion

- a. At the completion of the borehole installation, the certified well driller shall submit, as an addendum to the well log, a sworn statement that the boreholes were completed to the required specifications of all applicable laws and regulations and in accordance with the well driller's contract with the person or entity that retained the well driller.
- b. If the borehole is being drilled on residential property, the well driller shall also provide, as an addendum to the well log, a sworn statement attesting that prior to the undertaking any drilling activities relating to the site(s) of the drilling of the borehole, the well driller reviewed DEC well log data for potential issues with any wells within a quarter mile where the borehole will be placed.

**CONCLUSION**

ESWWDA generally supports New York State's decision to permit Closed Loop geothermal wells deeper than 500 feet pursuant to Environmental Conservation Law § 23-0305(15) and the yet to be adopted DEC regulations. ESWWDA urges DEC to address these comments in its draft regulations to further our joint effort to protect sources of local groundwater. We thank you for the opportunity to provide these comments and look forward to continuing the conversation with DEC.

**DEMPSEY**  
  
**STEEL PIPE CO.**

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

511 State Rt. 17K (Coldenham) • WALDEN NY 12586  
**845-564-1230 • dempseysteelpipe@gmail.com**

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

 **parratt  
wolff inc**

- 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





# Basic First Aid & Narcan Training

By Molly Boyd, MD

Department of Emergency Medicine, Medical Toxicology and Addiction Medicine

**DUE TO THE AMOUNT OF MATERIAL COVERED BY DR. BOYD, THE CONTENT FROM THE PRESENTATION WILL BE DIVIDED BETWEEN SEVERAL ISSUES OF HOLE TALK. THE NEXT INSTALLMENT WILL COVER OTHER MEDICAL EMERGENCIES.**

*When a serious injury occurs, you have to think and act quickly.* Medical assistance may be only minutes away, but sometimes seconds count. What you do in those first few seconds and minutes can make the difference between life and death. Quick, calm, and correct action can make all the difference.

“First aid” is emergency care given to the sick or injured before medical personnel arrive. That is why a knowledge of first aid and CPR (cardiopulmonary resuscitation) is so important. And that is why you are participating in this session today.

The purpose of this session is to provide you with a basic overview of first-aid techniques and priorities. It is *not* the same as a first aid and CPR certification course. A certification course is much more detailed and offers you the opportunity to practice first-aid and CPR skills as well as to provide you with hours of classroom training.

We urge you to take a course and get certified. Taking a certification course will give you the full knowledge and confidence you need to use first-aid skills on the job, at home, and elsewhere in your community.

In the meantime, the information in this session can help you better handle medical emergencies when you are the first or only person on the scene.

So, what is First Aid? First Aid is the immediate care you give someone with an illness or injury before someone with more advanced training, such as Emergency Medical Services (EMS), arrives. Giving First Aid may help someone recover more completely and quickly and it may mean the difference between life and death. I will talk about some First Aid basics. Just imagine:

- A co-worker is hurt in an accident and blood is gushing from the wound.
- One of your friends chokes on a piece of food and cannot breathe.
- Someone goes into cardiac arrest right at his workstation.

Any one of these things is possible, and it could happen any time. If it did, you would have to act fast. A few critical minutes one way or the other could make the difference between life and death. Would you be ready to act with speed and competence in a workplace medical emergency?

There are medical emergencies in workplaces across the country every day. Situations calling for first aid range from burns to cuts and amputations, eye injuries, chemical overexposures, and much more.

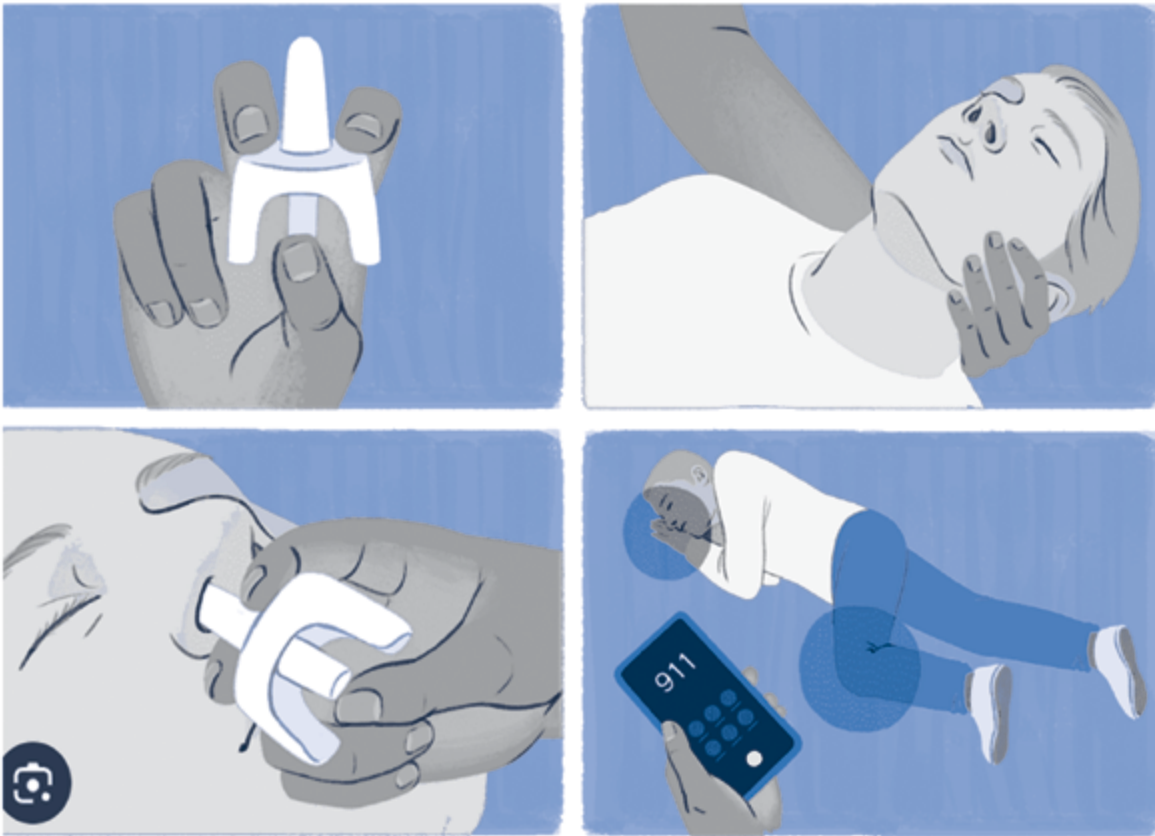
In your workplace, you may have a first aid kit. The first aid kit contains supplies you might need in an emergency. Not all first aid kits contain the same supplies. Your company will decide what the first aid kit should have in it. Some important things you should remember about the First Aid Kit are to:

- Keep the supplies in a sturdy, watertight container that is clearly labeled.
- Know where the first aid kit is.
- Replace what you use so the kit will be ready if another emergency occurs.
- Check the kit at the beginning of each work period for expired supplies and to make sure it is complete and ready for an emergency.

Every workplace should have a plan for an emergency. This tells workers who, how, and sometimes when to phone for help in an emergency. As a general rule, you should phone the emergency response number (or 911) and ask for help whenever someone is seriously ill or injured and if you are not sure what to do in an emergency. Here are some examples of someone who is seriously ill or injured. The person:

- Does not respond to voice or touch.
- Has chest discomfort?
- Has signs of stroke.
- Has a problem breathing?
- Has a severe injury or burn?

*Continued on page 12*



Continued from page 11

- Has a seizure
- Suddenly cannot move a part of the body.


After you check the scene to be sure it is safe, you must find out what the problem is before you give first aid. The following steps will help you find out what the problem is. They are listed in order of importance, with the most important step listed first.

1. When you arrive at the scene, check the scene to be sure it is safe. As you walk toward the ill or injured person, try to look for signs of the cause of the problem.
2. Check whether the person responds. Tap the person and shout, “Are you OK?”
  - A person who responds and is awake may be able to answer your questions. Tell the person you are there to help, ask permission to help, and ask what the problem is.
  - A person may only be able to move, moan, or groan when you tap them and shout. If so phone or send someone to phone your emergency response number (or 911) and get the first aid kit and AED.

3. Next, check if the person is breathing. If the person is not breathing or is only gasping, begin CPR and use an AED if you know how. If you are not trained and do not know CPR, give Hands-Only CPR.
4. Next, look for any obvious signs of injury, such as bleeding, broken bones, burns, or bites.
5. Finally, look for medical information jewelry. This tells you if the person has a serious medical condition.

### Opioid Overdoses

**What are opioids?** Drugs derived from, or similar to, opium. It includes such drugs as Morphine (named after Morpheus, Greek god of sleep), Heroin, Oxycontin (long-



**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

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

duraFRAC@inflatable-packers.com  
[www.inflatable-packers.com](http://www.inflatable-packers.com)

**Inflatable Packers International, LLC**

[www.inflatable-packers.com](http://www.inflatable-packers.com)



acting oral opioid), Oxycodone (Percocet), Hydrocodone (Lortab, Vicodin), Fentanyl, Methadone, and many others.


**What are not opioids?** These drugs are not opioids cocaine, amphetamines, valium, and Xanax.

**Who is at risk of overdose?** People from all walks of life. Young people who are experimenting with drugs or how have a drug dependency. Long time drug users often after a period of abstinence (rehab, prison or recover) will use it again. Opioids are used for pain control though are highly addictive and can cause dependency. Opioids fill receptors in the body. If taken for a “long” time the body will produce more receptors for the opioids to fill. If a person does not get medication, receptors are not filled, and a person feels ill – this is withdrawal. Escalating doses of opioid is referred to as “chasing the dragon.”

Signs and symptoms of opioid overdose can include being unresponsive or minimally responsive, not breathing or respiratory arrest, slow breathing (< 10 per minute), snoring with gurgling, and blue or ashen color (cyanosis).

Overdose occurs when opioids repress the urge to breathe, carbon dioxide levels increase, and oxygen levels decrease. This process takes time. There is time to respond, but no time to waste.

Fentanyl has replaced heroin. It is 50-100 x more potent than morphine. It is Fast on/Fast off- redistributes to the fat. It is easier to transport and is more lucrative for dealers. Example a kilo of fentanyl is worth \$1.3 million, and a kilo of heroin is only worth \$75,000.

**How do we treat opioid overdoses with Naloxone (Narcan)?** Naloxone reverses opioid overdose and blocks opioids from acting on the body. It works for about 30-90 minutes by preventing opioids from going where they want to go, in other words it steals the “parking place “of the opioid. Naloxone causes sudden withdrawal in the opioid dependent person which is an unpleasant experience. It does not get a person “high” and is not addictive. If opioids are not present it has no effect. Naloxone has been routinely used by EMS for over 40 years. It is available for use as first aid on another person in many states, including New York. Use **CAUTION** when administering naloxone to narcotic dependent patients! Rapid opiate withdrawal may cause nausea and vomiting and may cause **combativeness**. Roll patient to their side after administration to keep airway clear. If patient does not respond within 3-5 minutes, administer second dose. You must wait 3-5 minutes, or the second dose will not be effective. 

# THINKING ABOUT SELLING YOUR BUSINESS?

**AMBER is actively seeking to acquire competitive water well drilling, pump, and water conditioning & filtration businesses.** Whether you're looking to sell, retire or transition from owner to employee, AMBER is easy to work with, and provides owners with a smooth and seamless exit strategy.

## WHY AMBER?



HIGHLY RECOGNIZED BRAND IN THE INDUSTRY



FINANCIALLY STRONG



RESIDENTIAL, COMMERCIAL & MANUFACTURING CHANNELS



LARGE NETWORK



QUICK CLOSINGS

**CALL or TEXT TODAY 315-484-5959**

All business consultations are strictly confidential.

Visit [www.AmberWaterPros.com/acquisitions](http://www.AmberWaterPros.com/acquisitions)



© 2022 Amber Water Pros



# VERIFIED

- Patented guided single-poppet design enables less wear and increased efficiency
- Noiseless operation
- Corrosion resistant



## Series 80 VFD

1" - 10" size range  
NSF/ANSI 61 and 372 approved  
Available in unleaded bronze, ductile iron, and stainless steel



## Features and Benefits

- Lead-in thread section
- Extra long threads
- Extra space for optional break off plug
- Precision shaft guide (oversized guiding surface for longer surface life)
- Reinforced wall thickness for heavy duty application

**FLOMATIC VALVES**  
High Quality Valves Built to Last...®







*Dr. Molly Boyd*



*Dan Hushion*



*3 generations of Boyd*



*Justin Mills, Elizabeth Smith, Carol Lawrence*

# Be Tick Free

From NYS DEC

**Ticks are very small bugs that can spread Lyme and various other diseases through their bites.**

Deer ticks live in shady, moist areas at ground level. They will cling to tall grass, brush and shrubs, usually no more than 18-24 inches off the ground. They also live in lawns and gardens, especially at the edges of woods and around old stone walls.

Once a tick gets on the skin, it usually climbs up the body until it reaches a protected area, such as under clothing.

## Protect Yourself

In tick-infested areas, your best protection is to avoid contact with soil, leaf litter and vegetation. However, if you hike, camp, hunt, work or otherwise spend time in the outdoors, you can still protect yourself:

- Wear light-colored clothing with a tight weave to spot ticks easily.
- Wear enclosed shoes, long pants and a long-sleeved shirt. Tuck pant legs into socks or boots, and shirt into pants.
- Check clothes and any exposed skin frequently for ticks while outdoors.
- Consider using insect repellent on your clothing. \*
- Stay on cleared, well-traveled trails. Walk in the center of trails. Avoid dense woods and bushy areas.
- Keep long hair tied back.
- Bathe or shower as soon as possible after going indoors (preferably within two hours)



to wash off and more easily find ticks that may be on you.

- Do a final, full-body tick check at the end of the day (also check children and pets), and remove ticks promptly.
- Follow your vet's suggestion for regular flea and tick prevention treatment.

*\*Personal Protection Using Pesticides: There are two classes of products that you might see on the shelf. Products that contain DEET, picaridin, oil of lemon eucalyptus and IR3535 are repellents. These products interfere with the host-finding abilities of biting insects, making you hard to find. Products that contain permethrin and some plant-based oils are pesticides that kill these organisms on contact. They can be used to treat clothing, hats, shoes, and gear (backpacks, tents, etc.), and should never be applied to the skin for safety reasons. Make sure any product you apply is labeled as a tick repellent and ensure you read and closely follow the label directions. Please visit the New York State*

*Pesticide Administration Database (NYSPAD) to search for personal insect repellents that are currently registered in New York.*

## Modify Your Home Surroundings

Most tick species prefer high humidity and damp areas. They also need a host nearby to feed on. Follow these steps to limit the occurrence of ticks near your home:

- Reduce shady and damp areas in the yard.
- Replace plants that deer love to browse with deer-resistant plants.
- Remove leaf litter from field edges near wooded or unmanaged areas.
- Remove waste, secure and remove excess seed from bird feeders.
- Avoid wood piles, stone walls or other structures that would shelter mice.
- Establish a three foot gravel buffer zone between wooded areas and fields.
- Install a deer fence to help reduce deer from dispersing ticks.
- Consider pesticide applications if your risk from ticks is unacceptable. Consider using plant based, least toxic pesticides first. If you have pets, there's a good chance at some point you may have to deal with the control of ticks. Be sure to read the entire pesticide label and follow the directions closely!

## Hiring a Professional Pesticide Applicator to Control Ticks?

DEC registers pesticide products,





certifies pesticide applicators and registers pesticide businesses. A certified pesticide applicator is trained, keeps up-to-date with the latest technologies, and will have the knowledge and experience to recommend an IPM strategy that incorporates physical or cultural pest control measures, and if necessary, least toxic pesticide controls.

**Application Treatments:** applicators certified in Categories 3A (Turf and Ornamentals), 3B (Turf) and 8 (Public Health) can apply pesticides to the grounds, turf, trees or shrubs around your property to target ticks. Applicators certified in Category 7A (Structural and Rodent) can apply residual barrier treatments to foundations and outside surfaces

of buildings, and the vegetation immediately surrounding buildings only for the purpose of controlling indoor pests.

**Tick Management Systems:** applicators use tick management systems which are registered pesticides where the applicator is targeting rodents. These tick management systems may consist of a rodent tube containing cotton that is soaked in a pesticide, or a rodent bait station with a wick containing a contact pesticide. Mice are often an intermediate host for ticks and therefore an important link in the spread of Lyme disease and other tick borne diseases. With these tick management systems, the idea is that the pesticide impregnated materials may kill

the ticks in the nest or directly on rodents. Applicators certified in Categories 7A and 8 are allowed to place these bait systems.

### Additional Resources

- *New York State Department of Health (DOH) website - preventing risks from tick borne diseases and pesticide exposure*
- *Cornell New York State Integrated Pest Management program website - tips for identifying ticks and protecting yourself from ticks*
- *U.S. EPA - Repellents: Protection against Mosquitoes, Ticks and Other Arthropods*



**Premier Pump & Supply, Inc.**

*Our Loyalties Haven't Changed*





**1-888-816-3000**

"We Make It Easier"

Your company deserves a

# website that works.



**QUADSIMIA™**  
We build websites that work!

**QUADSIMIA.COM**

**Empire State Water Well Drillers' Association Member Special**

Get your website developed by Quadsimia and get:

- 10% off your initial investment
- Free website hosting for 1 year (\$480 value)
- Free website analytic reports for 1 year (\$2400 value)



# 2024 Workers Compensation Issues: Opioids, Marijuana, Narcan and Job-Related Injuries

By Dan Hushion from Gallagher Risk Management

*General health prescribing trends have shown that states like New York*, Minnesota and Vermont have having low trends though neighboring states to New York are higher. In New York state the number of painkiller prescriptions per 100 people ranges between 52-71 with some states such as Alabama and Michigan with numbers between 96-143. How strong are the drugs being prescribed?

Opioid use disorder has affected Americans in every walk of life, but it's especially prevalent in construction. According to the Centers for Disease Control and Prevention, 107,622 people died of drug overdoses in the U.S. in 2021, up nearly 15% from 2020. The CDC also found that overdose deaths involving opioids increased from an estimated 70,029 in 2020 to 80,816 in 2021.


Construction workers are at a greater risk. Studies in both Massachusetts and Ohio show that they are seven times more likely to die of opioid-related overdoses than the average worker. Construction workers tend to lead

an unbalanced lifestyle due to lack of paid sick time, non-traditional work schedules and high number of soft tissue injuries.

Construction workers have been shown in many studies to have high rates of death from overdose compared to workers in other occupations. For example, a study in 2018 showed that, among all occupations, construction workers had the highest rate of death from overdose, including overdose from heroin. Data from 2011-2016 showed that construction workers experienced 15% of all workplace overdose deaths (despite representing about 7% of the workforce). That same study showed that the construction industry has the third-highest rate of workplace overdose fatalities from all substances among industries in the U.S.

In state with high prescribing rates, we continuously see doctors prescribe opioids for pain in construction workers when it's probably not the best pain medicine.

Rates for prescribing opioid use among workers are



**BROOME PUMP**


**WATER SYSTEMS SPECIALIST**

Serving Central New York and  
Northeast Pennsylvania since 1962

**(800) 392-4620**

44 Amsbry Street, Binghamton, NY 13901  
BroomePump@stny.rr.com

**LET'S BUILD A LEGACY.  
TOGETHER.**



**FLINT & WALLING**

Pumps for water wells, commercial, and industrial applications

Flint & Walling • 95 North Oak Street • Kendallville, In 46755 • FlintandWalling.com  
© 2023 Flint & Walling, Inc. All rights reserved. Flint and Walling Inc. asserts trademark and copyright rights in the Flint & Walling logo.



**MORRIS industries, inc.** *60 years celebrating 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 <b>1-800-835-0777</b>	Mechanicville, NY <b>1-800-635-6591</b>
Durham, CT <b>1-800-232-2777</b>	Dillsburgh, PA <b>1-800-637-7724</b>

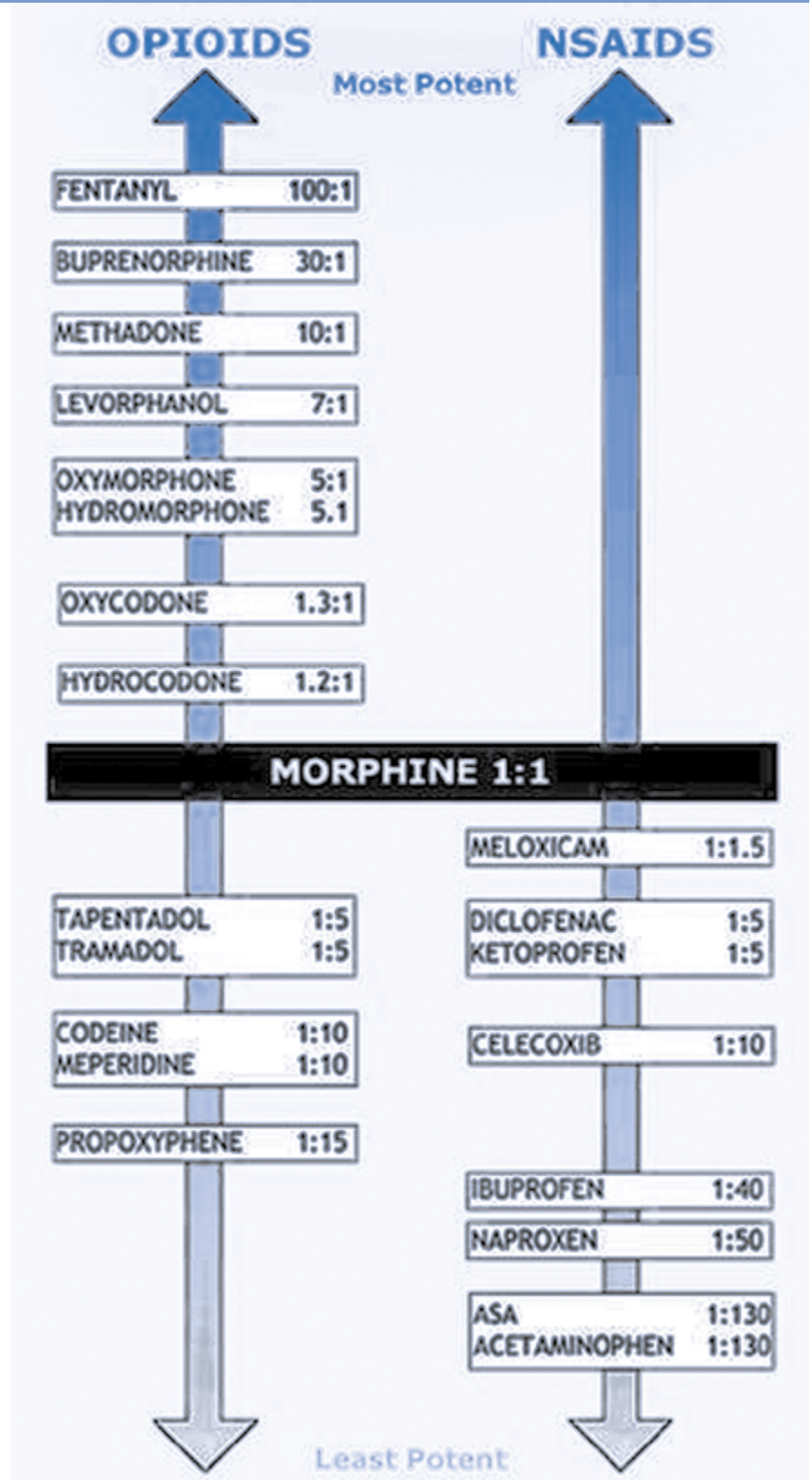
**www.morrispipe.com**

based on many factors, including the industry in which the worker is employed. In a recent study of workers compensation data from 27 states, mining and construction workers were more likely than workers in other industries to receive opioids when receiving a prescription for pain medication. The size of the workplace can also be a factor for prescribing opioids. Workers in very small companies are prescribed opioids more frequently than workers in larger ones and about 90% of construction companies have fewer than 20 employees.

Although no U.S. state has mandated naloxone kits on jobsites, many general contractors have enacted the practice anyway, with help from public health resources.

Researchers have identified high rates of injuries in construction as a driver for the high prevalence of opioid use disorder among workers in the industry. The construction workforce has the highest rate of injuries compared to other occupational groups] For perspective, about one-third of construction workers have at least one musculoskeletal disorder (MSD) and opioid prescription use is three times higher among construction workers with MSDs than those without an MSD. Additionally, workers with broken bones, neurologic conditions in the arms (such as carpal tunnel syndrome), and neurologic spinal pain are most likely to receive an opioid when getting a prescription for pain medicine. Age can also play a factor. Younger workers are more likely to use illicit drugs whereas older workers are more likely to use prescribed opioids.

A recent study from Washington University in St. Louis investigated health care among more than 19,000 union construction workers from January 2015 to June 2018 and measured the risk of developing opioid use disorder. The



researchers found that construction workers prescribed opioids for musculoskeletal pain had a higher risk for long-term opioid use and for developing opioid use disorder. Annually, 15% of workers who were prescribed opioids became long-term users. They also found that long-term users were nearly 10 times as likely to develop opioid use disorder.

*Continued on page 20*



Continued from page 19

The study revealed that of those eligible for healthcare services, 40% received care for chronic MSDs and approximately one-quarter of those receiving care for chronic MSDs were prescribed opioids within three days of their diagnosis. Of those prescribed opioids, about 1 in 15 received long-term opioid prescriptions. Construction workers who received opioids for diagnoses other than MSDs, such as kidney stones, stomach pain, and dental visits, were not found to have an increased risk of long-term use and opioid dependency.

The study reported the following conditions increase construction workers' risk of developing opioid use disorder:

- 2 times more likely if prescribed high doses ( $\geq 50$  morphine milligram equivalents (MME)[ $\dagger$ ]/day).
- 4 times more likely if diagnosed with chronic MSDs.
- 7 times more likely if prescribed more than 7 days of supply.
- 10 times more likely if given long-term opioid prescriptions[ $\dagger$ ]

- Needs to be part of normal conversation like electrocution or slipping and falling.
- Naloxone is an important on a jobsite and an AED machine.

The findings support the need to improve working conditions and job design to reduce MSDs among construction workers, seek non-opioid alternatives to controlling pain, and change prescribing practices to reduce the risk for OUD and other opioid-related harms.

#### What about workers' compensation trends?

- Narcotic analgesics comprise almost 34% of the total drug spend for workers comp payers as opposed to about 3% in the group health market.
- Of the total medical expense for workers compensation claims, the cost of prescription medications accounts for 19%.
- The impact on the cost of claims is also significant.
  - When a workers compensation claim involved a narcotic, the claim cost averaged nearly \$20,000 more than claims without opioids.

**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](https://goulds.com/independents)

**BUILT IN THE USA**  
ENGINEERED,  
ASSEMBLED & TESTED

[goulds.com/independents](https://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

## What do drug tests tell you?

- What drugs are being used.
  - Does not tell you synthetic drug usage.
  - If the drugs are legal or illegals
  - Panels such as long-term usage

## When to run a drug test?

- Post Offer
- Post Accident
- Random
- For Cause

## Standard of Care

- Conduct a physical exam, pain history, past medical history and family/social history.
- ABUSE/DEPENDENCY HISTORY
  - Patient and blood relatives
- Random urine drug testing
- Consider all treatment options.
  - Use opioids when alternative treatments are ineffective.
- Start patients on the lowest effective does.
- Implement pain treatment agreements.
- Monitor pain and treatment progress with documentation.
- Use safe and effective methods for transitioning/ discontinuing opioids.

Naloxone, for example Narcan®, is a medicine that can help people who are overdosing on an opioid. Opioids include prescription medications, heroin, and fentanyl. Sometimes other drugs, including cocaine and methamphetamine, are mixed, or laced with fentanyl. Naloxone temporarily reverses the effects of an overdose from opioids, including:

- Heroin
  - Morphine
  - Oxycodone (OxyContin®)
  - Methadone
  - Fentanyl
  - Hydrocodone (Vicodin®)
  - Codeine
  - Hydromorphone
  - Buprenorphine

Naloxone can be given two ways, either as a nasal spray or an injectable. Naloxone can be given safely to people

of all ages, from infants to older adults. This includes an adolescent or young adult who may have unintentionally taken an opioid. During an overdose, a person's breathing can be dangerously slowed or stopped, causing brain damage or death. It's important to recognize the signs and act fast, even before emergency workers arrive.

## If you think that someone is overdosing, please give them naloxone.

### Signs of an overdose may include:

- Small, constricted “pinpoint pupils”
- Falling asleep or loss of consciousness
- Limp body
- Slow, shallow breathing
- Choking or gurgling sounds
- Cold and/or clammy skin
- Discolored skin (especially in lips and nails)

### Marijuana to treat medical conditions?

States Say OK? Feds Have Not

- 23 Legal Medical Marijuana States and DC
  - DEA Classification – C-I
  - Lacks Evidence for Medical Efficacy
  - Driving/Safety Sensitive Work

As of October 2021, six states (CT, MN, NH, NJ, NM, NY) explicitly allow for workers' compensation insurance reimbursement for an injured worker's medical marijuana use either under a court or administrative ruling or pursuant to an administrative rule.

### Federal and State Status

The Controlled Substances Act administered by the U.S. Drug Enforcement Administration currently classifies marijuana as a Schedule I substance, meaning that it has no accepted medical use and has a high potential for abuse. Substances that are classified as Schedule I have the most regulatory restrictions, and thus there are strict limits on researchers' access to study marijuana and explore its potential medicinal value and public health and safety impacts. Regardless of the federal prohibition of marijuana, 33 states\* as well as Washington D.C., Guam, Puerto Rico, and the U.S. Virgin Islands have passed laws legalizing marijuana for medicinal and/or non-medical adult uses at the time of this publication.

While data on marijuana use and workplace safety and

*Continued on page 22*



Continued from page 21

health is limited, there is evidence suggesting workplace risks and burdens associated with the drug's use. Studies of cannabis have demonstrated effects that include sedation, disorientation, impaired judgment, lack of concentration, and slowed fine motor skills, all of which can contribute to delayed decision-making, impaired learning, and memory and attention deficits. One such study, reported by the National Institute on Drug Abuse (NIDA), found 55% more industrial accidents, 85% more injuries, and 75% greater absenteeism among employees who tested positive for marijuana compared to those who tested negative.

The National Safety Council (NSC) released a position statement in 2019 stating that "cannabis impacts psychomotor skills and cognitive ability" and "there is no level of cannabis use that is safe or acceptable for employees who work in safety-sensitive positions". However, not all research is as conclusive about the relationship between marijuana use and occupational injury. A systematic review published in May 2020 found that the current body of literature does not provide sufficient evidence that marijuana users are at increased or decreased risk for occupational

injury, and that further high-quality research is needed to eliminate study biases and provide clarity on causality.

The National Institute of Safety and Health (NIOSH) recognizes the challenges associated with detecting impairment from marijuana, especially when compared to other substances like alcohol. Impairment from marijuana varies with THC concentration or dose, route of administration, and users' experience with, or tolerance to, the drug. Since marijuana is stored in the fatty tissue, it can be detected through drug testing several days or weeks – long after the individual has stopped experiencing any physiological effects and impaired functioning. The THC levels that create impairment are not well understood and according to the NIDA, there is wide variability in how THC is metabolized by frequent users versus infrequent users which makes interpretation of a positive urine drug test a challenge.

In addition to direct worker safety and health issues, the changing landscape of marijuana legalization and use also has important implications for workers compensation. The impact of marijuana use on workers compensation claims varies from state to state and even organization



**Professional Geologic and Hydrogeologic Consulting**  
679 Plank Road, Clifton Park, NY 12065  
Phone: (518) 348-6995  
[www.alphageoscience.com](http://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](mailto:mpalleschi@alphageoscience.com)

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



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

**Blake Equipment** stands for fast delivery, great service, and competitive prices

Pumps, pipe, filters & accessories, your local resource to keep your business flowing.



Contact your nearest NY branch:

<b>Albany</b>	(518) 482-8833
<b>Oneonta</b>	(800) 336-6611
<b>Pine Island</b>	(800) 914-0099
<b>Syracuse</b>	(800) 792-2346

**BLAKE** EQUIPMENT 

to organization. NIOSH is exploring workers compensation issues pertaining to marijuana, including but not limited to:

- determination of impairment at the time of an injured worker's accident.
- impact on a worker's compensation claim if employee tested positive for state-approved and/or physician-recommended medical marijuana at the time of an accident; and
- potential for reimbursement for medical marijuana used to treat a work-related injury.

### What Construction Employers Can Do

- Identify work factors that pose a risk of injury and take action to eliminate or minimize them.
- Ensure workers have access to health benefits that cover comprehensive injury care, physical therapy, mental health and substance use treatment.
- Provide paid time off when a worker gets injured on the job.
- Share information with employees on how to avoid opioid misuse and speak to medical providers about alternative pain treatments.

- Provide a work environment where workers feel safe talking about mental health and substance use without fear of stigma or repercussions, such as job loss.
- For large companies, establish employee assistance and peer support programs.
- For small companies, work with trusted community-based organizations and leaders to get workers the help and support they need.

### In Conclusion:

- Education of employees of risk
  - Constant training
  - Constant observation of employees
  - Have open lines of communication.
  - Water well drillers have million-dollar pieces of equipment so don't put your hand in the sand.
  - Prehire testing, annual testing, post-accident testing!



**VICTORY STEEL**  
Products Corporation

*Distributor of Domestic and  
Canadian Water Well Casing*

**Manufacturer of**  
**Butler Larkin Drive Shoes**

Nick Demos	Jim Demos
Colin McPherron	Chris Stephens
Bill Taaffe	Brett Berrong

**800.325.7902**  
sales@vicsteel.com  
www.vicsteel.com

*Threading based in Angelica, NY*



**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**

	<b>Ground Water Systems, Inc.</b>
• 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
<a href="http://www.GroundWaterSystemsInc.com">www.GroundWaterSystemsInc.com</a>	
	<b>D &amp; S Pump &amp; Supply Co., Inc.</b>
• Brewster, NY 1-800-431-1842	
• Middletown, NY 845-692-3200	
• Rhinebeck, NY 845-876-3071	
<a href="http://www.dspumpco.com">www.dspumpco.com</a>	



## ATTN: SUPPLIERS AND MANUFACTURERS

Please forward all available e-learning opportunities that you would like to share with fellow members to [gramsue67@gmail.com](mailto:gramsue67@gmail.com)



### Groundwater Supply Co., Inc.



#### "The Drill Store®"

PH (978) 422-3209 Fax (978) 422-6055

TOLL FREE (888) 375-7867

[www.groundwatersupply.net](http://www.groundwatersupply.net)

[sales@groundwatersupply.net](mailto:sales@groundwatersupply.net)



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



## AQUAFLOW PUMP & SUPPLY CO.

SUPERIOR  
PRODUCTS

COMPETITIVE  
PRICING

TRUSTED  
SERVICE

### WATER SYSTEMS

### WATER TREATMENT

### PLUMBING SUPPLIES



SERVICING: PA, NY, NJ, DE, MD, VA, OH & WV

## DEREX

### DRILLS FOR THE HOLE WORLD

### DUAL ROTARY DRILLING

### DEREX 1340 DR

## EWD EAST WEST DRILLING, INC.

North East USA Regional Dealer



### East West Drilling

157 Buffalo Creek Rd Mifflinburg, PA  
570-966-7312 | [michael@ewdrilling.net](mailto:michael@ewdrilling.net)  
570-837-9663 | [dolan@ewdrilling.net](mailto:dolan@ewdrilling.net)

# Condolences

The ESWWDA extends its deepest sympathies to the family of **Lawrence B. "Larry" Converse** who passed away on Monday, February 12, 2024 at the age of 93. Mr. Converse, the former owner of **Randolph Well and Pump**, located in **McLean, NY** originated in 1954 and continues to be run by his family. They have been a long time member of the ESWWDA.



Larry is survived by his wife, **Juanita**, his children, **Larry, Ray** and **Brenda** as well as 8 grand children and numerous great grandchildren.

Services were held on Sunday, February 18th at the **Perkins Funeral Home** in Dryden, NY.

Memorial Contributions may be made to the **McLean Community Church, McLean Rescue Squad** or the **McLean Cemetery Association**. 🗨️

---

*The Water Systems Council and the ESWWDA would like to extend its sympathies to the family of **Jeff Wellen**.*

Jeff was an intricate part the **WSC** and the **Water Well Trust** family as well as the "Godfather" of the technical and training program for **Amtrol** products.

The WSC will be dedicating the 13th edition of the *Water Systems Handbook* in Jeff's honor for his many years of leadership in the water well industry. 🗨️

*The ESWWDA is sad to acknowledge the passing of **Michael Stewart, M. Stewart Well Drilling**, out of Cairo, NY on Sunday, March 10th, at the age of 61. Mike and his brothers, 3rd generation drillers, launched their business in the early 1980's.*

Mike is survived by his wife, **Eileen**, daughters **Christina** and **Jennifer**, his son **Nick** along with their families including 2 grandchildren and 1 great granddaughter. He also is survived by 2 sisters, 2 brothers; he was predeceased by 2 brothers and 1 sister.

A celebration of life was held on Saturday, March 16th at the **Traver McCurry Funeral Home** in **Catskill**. 🗨️



*It is with great sadness that we share with you the passing of **Jeffrey Quinn**, age 61, in **Paramus, New Jersey** on April 11, 2024 as the result of a medical event.*

Jeff was a sales representative for **Baroid IDP** at the time of his passing and has been a good friend to the ESWWDA for many years. He will be greatly missed.

He is survived by his father, **Bob**, daughters **KellyAnn** and **Shannon** as well as 4 grandchildren.

In lieu of flowers, donations may be made in Jeff's memory to the **Massachusetts Audubon Society**.

A celebration of life is planned for June 15th at **Nippo Lake Golf Club** in **Barrington, NH**. 🗨️



# 2024 Suppliers' & Manufacturers' Sponsors

Allegheny Instruments Inc.  
 AO Smith  
 Aqua Flow Pump and Supply Co.  
 Arthur J Gallagher  
 Baker Water Systems  
 Baroid  
 Blake Equipment  
 D&S Pump and Supply  
 East West Drilling, Inc.  
 Emmons Metro, LLC  
 Empire States Associates/ DAB Pumps  
 F.W. Webb Company  
 Flexcon Industries  
 Flint & Walling  
 Flomatic  
 Geoprobe/DrillMax  
 Ground Water Supply  
 Group One Northeast

Grundfos  
 Johnson Screens  
 Keystone Drill Services  
 Marshall & Sterling  
 Mitsubishi Materials USA Corp  
 Morris Industries  
 Northeast Sales Associates LLC  
 Numa  
 Preferred Pump  
 Premier Pump & Supply, Inc.  
 Star Iron Works Inc.  
 Trojan Technologies/VIQUA  
 Water-Right  
 Well-Connect Geothermal  
 WL Plastics  
 Wyo-Ben, Inc.  
 Xylem

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

Ms. Nicole Kraft, EPA Section Chief at  
 (212) 637-3093 or [NicoleKraft@EPA.com](mailto:NicoleKraft@EPA.com).

## 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)

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

### 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) 225-3060  
[Gramsue67@gmail.com](mailto:Gramsue67@gmail.com)

### NYS DOT

Division of Permitting  
**Ken Dodge**  
 (888) 783-1685

Truck Safety  
**Bill Leonard**  
 (518) 457-2019



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

Contact:

**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)

# 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 Chairperson, Jim Utter](#).

## 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.
6. Scholarship funds are released upon acknowledgment of grades.

## Daniel M. Shultes Scholarship Fund Guidelines

This scholarship is a one-time award to children of Contractor members in good standing who are attending college in a field of study outside the industry or areas not covered by the [Al Mack Scholarship](#).

### Awarding of Scholarships

- Preference to be given to children of Full Contractor members
- Preference to be given to students attending minimum of a 2-year program
- Persons may make applications to the scholarship committee only after acceptance at an accredited school.
- Funds may be distributed to more than one person in any one calendar year.
- Application deadline is April 1st of each year.
- Applicants are selected via a blind selection process.
- The number of scholarships and the amount of the scholarship are at the discretion of the Scholarship Committee and cannot exceed a total of \$1000 per calendar year.
- Scholarship funds are released upon acknowledgment of grades.

For more information contact the scholarship committee or go on our website at [www.nywelldriller.org](http://www.nywelldriller.org)

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

Business Card ... \$200

1/2 Page ... \$1000

1/4 Page ... \$500

Full Page ... \$1,500

Please call Susan Bates at (315) 225-3060 if you have any questions, or email your advertisement to: [gramsue67@gmail.com](mailto:gramsue67@gmail.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 **August 1, 2024**,  
the next **Hole Talk** deadline.

## UPCOMING EVENTS

### ESWWDA Summer Meeting July 12-13, 2024

Hosted by **Barney Moravec, Inc.**  
**Penn Yan, NY 14527**

Reservations may be made at: **The Showboat  
Motel and Restaurant or the Hampton Inn.**  
Details in a separate article included in this issue  
of **Hole Talk**.

### ESWWDA Fall Meeting TBA

### WSC Meeting and Fund Raiser October 15-17, 2024

**Tucson, AZ**  
[www.wsc.org](http://www.wsc.org) for more details

### NGWA Convention and Trade Show December 10-12, 2024

**Las Vegas Convention Center**  
Reservations at **Westgate Resort  
and Casino, Las Vegas, NV**  
**3000 Paradise Rd, Las Vegas, NY 89109**  
**1-800-635-7711** or on-line  
For more details: [www.ngwa.org](http://www.ngwa.org)

### ESWWDA Annual Meeting January 14-15, 2025

**Turning Stone Casino, Verona, NY**

### NEWWA Trade Show March 14-15, 2025

[www.newwassociation.org](http://www.newwassociation.org) for more details

### WSC Spring Meeting and Congressional Fly-In March 25-27, 2025

For details go to [www.wsc.org](http://www.wsc.org)

### ESWWDA Spring Meeting April 2025

Dates to be determined

### ESWWDA Summer Meeting July 2025

Hosted by **Flomatic** in **Glens Falls, NY**  
Details to follow

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