



# Hole Talk

Fall 2024  
Published Quarterly

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

## ESWWDA Fall Meeting October 4-5, 2024

Lake George, NY

### Welcome to Fort William Henry Resort and Conference Center

Lake George, NY site of the ESWWDA fall meeting, October 4-5, 2024.

Located in the heart of the **Adirondacks**, directly across from million dollar beach, the Fort features many amenities including an on-site museum, indoor pool access, three on-site restaurants, veranda bar, and whirlpool spa.

The area features many attractions including boat tours on the lake, tiki cruising on the lake, the outlets located just minutes outside of the village going south on Route 9 and boutique shops on the village's main street. There are a multitude of restaurants, formal and informal available both in and around the village area. **The Great Escape** is about 20 minutes south on Route 9, an adventure park and an all-day event for sure.

On Oct. 4-6, **Warrensburg**, located just north of the village will be hosting its **Town-wide Garage Sale**. This



event is held annually and draws people from all over our state, Vermont, New Hampshire, Connecticut and Maine. *It's an all-day event so be sure to have your walking shoes on!!*

Reservations may be made by calling **1-800-234-0267**. You must identify yourself by telling them that you are part of **The Empire State Water Well Drillers' Association-Fall Meeting**. Reservations made after the deadline of September 4th are subject to availability. The group rate for rooms is \$232.00 plus tax. There is also a resort fee of \$15.00 per day that includes pool access, wi-fi, and parking.

### Fort William Henry

**Fort William Henry** was a British fort at the southern end of Lake George, in the province of New York. The fort's construction was ordered by **Sir William Johnson** in September 1755, during the French and Indian War, as a staging ground for attacks against the French position at Fort St. Frédéric. *Wikipedia*

Type **Fort**

Built **1755**

Battles/wars **French and Indian War**

### Fort & Museum

**MUSEUM OPEN DAILY 9:30am – 5pm**

**HAUNTED HISTORY GHOST TOURS – NIGHTLY 6:30pm, 7:30pm, 8:30pm, & 9:30pm**



### 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	Driller and Pump Class .....	9
Meeting Directions .....	2	Clip-n-Copy .....	11
President's Message .....	3	Equipment Care .....	12
Meeting Minutes .....	4-5	First Aid, Molly Boyd, MD .....	18-23
Membership Report/Application .	6-7	Bits & Pieces .....	25-27
		Upcoming Events .....	28

# Fall Meeting Agenda

Lake George, NY  
October 4-5, 2024

## FRIDAY, OCTOBER 4, 2024

5:00 p.m. Board Meeting in the Albany Room

6:30 p.m. Suppliers Cocktail Party in the VBS Bar and Lounge

## SATURDAY, OCTOBER 5, 2024

9:00 a.m. General Membership Meeting in the Lake George SO

**Sacandaga Break** includes Coffee, Decaf, Tea, Fresh baked pastries, Coffee Cake and Fresh Fruit

10:00 a.m. Mike Grasso from AJ Gallagher will be the speaker. He will be discussing “*Subcontracting*” and “*Working as a Subcontractor in New York State and associated insurance requirements.*”

### Location:

### Fort William Henry Resort and Conference Center

48 Canada Street  
Lake George, New York 12845

1-800-234-0267

### Accommodations:

Reservations may be made by calling 1-800-234-0267. You must identify yourself by telling them that you are part of **The Empire State Water Well Drillers' Association-Fall Meeting**. Reservations made after the deadline of September 4th are subject to availability. The group rate for rooms is \$232.00 plus tax. There is also a resort fee of \$15.00 per day that includes pool access, wi-fi and parking.

### Directions:

Fort William Henry is conveniently located on Route 9, 48 Canada St. Lake George, NY 12845, just south of Lake George Village. From Interstate 87, take Exit 21 to the Village. The Fort is located on the north (right) side of the road. Parking is available in our lot on Canada Street and at the fort behind the FWH conference center.

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

## 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

### Vice President

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

### Past President

**Tyler Wills, MGWC, Smith Well Drilling**  
PO Box 585, Niverville, NY 12130  
(518) 758-6142 • 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

### ESWWDA Correspondence Manager

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

### ESWWDA Assistant Correspondence Manager

**Susan Bates**  
900 N. James St., Rome, NY 13440  
(315) 225-3060 • Gramsue67@gmail.com

### 3 - Year Directors

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

**Daniel Boyd, DNA Well Maintenance**  
(772) 626-4515 • Daniel.Boyd70@gmail.com

### 2 - Year Directors

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

**James Utter, Utter Well Drilling**  
607-582-7436 • jimdrilling@yahoo.com

### 1 - Year Directors

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

**Richard Tompkins, Reliable Pump & Well**  
845-629-8301 • reliablepumpandwell@gmail.com

### Supplier Directors

**Alan Dretel, D&S Pump and Supply**  
845-279-3785 • aldrete@aol.com

**Bernie Kistner, Group One Northeast, Inc.**  
(845) 473-1969 • bckistner@aol.com

**Dave Keough, Blake Equipment**  
(845) 258-7867 • Dave.keough@blakeequip.com

**Christopher Beatson, Xylem**  
585-469-0069 • 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 With Gratitude

Hello Everyone,

*I hope this summer was busy for us all. It was hot enough as I am writing this and so far, it is sunny.*

The summer meeting was everything and more than I expected. The Moravec's generously opened their shop for meetings, demos, and great food. There were several campers there also. The drilling, geothermal looping, grouting and hydro frac demos went super well. Again, thanks to the Moravec's and their crew for the excellent job. Also, thanks to Jim Utter and his crew for the hydro frac demo. The speakers did great too. Thanks to Jen for his geothermal discussion. Also, to Kevin and Rich Moravec on their geo discussion and presentation on DEC mapping of our well logs. As we all know, things are a bit different when we are watched by over 100 of our peers, from well drillers to geologists. I even saw Jeremy Baldwin timing the guys pulling steel, yes, he is an owner but a driller for sure. Thanks to all who helped at this meeting.

As I was laying in my motel room, I thought of everything it takes to make this association run



so smoothly. We have many committees and committee members that have very hectic and busy schedules that step up to do what we have to do to help all involved with whatever issue or issues may come up regarding the business of this association.

Do you read the *Hole Talk* from cover to cover? Think of the time that **Julie Boyd** and **Sue Bates** took to put that together! I really do not know who will fill their shoes when they decide to step down. I certainly hope they continue for some time. If anyone out there thinks they have what it takes, give them a call and they will take some time to share with you and would certainly break you in slowly so when the time comes it will be an easier transition.

Thanks to all that helped or attended this meeting, we all learned something for sure.

See you all at the fall meeting in Lake George at **Fort William Henry**.

**David Rosick,**  
ESWWDA  
President



# Empire State Water Well Association

## Tours, Sales, and Outlets



\*For those interested in the boat cruises, the website is [www.lakegeorgesteamboat.com](http://www.lakegeorgesteamboat.com) or call (518)668-5777 ext.4

\*Interested in the "Worlds Largest Garage Sale" the Warrensburg Garage Sale, Flea Market and Crafts with food vendors galore? The website is: [www.warrensburggaragesale.com](http://www.warrensburggaragesale.com). It runs from Friday through Sunday.

\*Interested in the **Factory Outlets**? There are more than 50 brand name stores and eateries located just south of the village on Route 9.

## Summer Meeting July 24, 2024

The summer meeting of the **Empire State Water Well Drillers' Association** was called to order at 9:10 am in Penn Yan, NY with 33 members signing in. Directors in attendance were:

President **Dave Rosick**

Vice President **Chris Root**

Director **Jeremy Baldwin**

Director **James Utter**

Director **Alan Dretel**

Director **Bernie Kistner**

Director **Dave Keough**

Director **Christopher Beatson**

The previous day **Lisa Tepfer** from **Blake Equipment** sold raffle tickets for both the 50/50 and Blake raised

monies for the **Veteran's Give Back** program. The winner of the 50/50 was **Shaun Herrington** from **Parry Well Drilling**. She donated her winnings to the Give Back program which raised \$1385 at the meeting.

**Alan Dretel** made a motion to wave the reading of the minutes from the last meeting and accept them as printed in *Hole Talk*. **Chris Root** seconded the motion. The motion was carried.

The treasurer's report was emailed with a note that we are doing fine. If anyone would like a copy of the report, please contact **Sue Bates** or **Julie Boyd**.

**President Dave Rosick** welcomed everyone to a great meeting and demo. He started by thanking the **Boyd**

**family** for the meeting in April. Dave thanked the **Moravec family** for the great demos, classes, food, and good time. It is a busy time for everyone but it was great that so many people took the time to come on Friday. President Rosick noted that his term was ending soon. He appreciated the support of his fellow directors and the association secretaries. He complimented *Hole Talk* as one of the best association magazines.

**Communications:** The association received a thank you from the **Massachusetts Audubon Society** for the donation in memory of **Jeff Quinn**.

**Sickness & Health:** It was reported that **Tony Ferraioli** was recovering from knee surgery. After the meeting it was reported that **Norman Anderson**

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## ESWWDA Values

was also recovering from a procedure.

**Insurance:** The NYS Department of Financial Services has recently made changes that have required insurance companies to bill multi-policy accounts separately. This is especially important to know if you have account information stored online to make payment. Please double check that you are paying each separate invoice on the correct account number to prevent an unintended cancellation of an insurance policy.

**Membership:** Sue Bates reported that there are a total of **289 members** with 240 paid and only 49 outstanding. The majority of the unpaid members are from the Supplier/Manufacturers division. We had **one new member this quarter** and that was **Bluerail Excavation**.

**Scholarship:** Jim Utter reported that we had one person who was previously denied reapply. The applicant was denied again.

**Government Affairs:** Jeremy Baldwin announced that Mark Glaser, our lobbyist from Greenburg & Traurig, would be

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**Education** ◦ **Integrity** ◦ **Affordability**

retiring. **Josh Oppenheimer** would be taking his place.

**NEWWA:** Henry Boyd stated that the dates for the **2025 Expo** are **March 14-15** in Marlborough, MA.

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

**Education:** Henry Boyd and Alan Dretel will be putting together a class in the **Hudson Valley** in the second part of the year. Henry also asked the membership for class ideas.

**NGWA:** No report given.

**WSC:** The new pump installers manual is out and available through the **Water System Council's** website.

**Hole Talk:** The deadline for the next issue is **August 1**.

**DOT:** Jeremy Baldwin said avoid them. There was discussion on the cost and where to receive CDL training for employees.

**Accreditation:** No report given.

**Geothermal:** Kevin Moravec was hoping we would be hearing soon about geothermal updates.

**Veteran's program:** We are working on one project and interviewing another applicant. In the meantime, **Dave Rosick** did a job for a vet in his area.


**Old Business:** Sue Bates announced that the fall meeting would be held at **Fort William Henry in Lake George on October 4 and 5**. This is the same time of the year that **Warrensburg** holds their town yard sales.

**New Business:** Regarding the **Annual Meeting**, this year the meeting will be dedicated to **Jeff Quinn**. For the suppliers and manufacturers, we will be making changes to their billing. Also, the association will be doing a cash raffle to offset the cost of the Annual Meeting. We will begin selling tickets at the fall meeting and hopefully we will draw the first winners at the 2026 Annual Meeting.

At this time since there was no more business to be discussed, **Alan Dretel** made a motion to adjourn the meeting. **Bernie Kistner** seconded the motion. The meeting was adjourned.

Respectfully submitted by

**Julie Boyd** 🗨️



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## 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

# August 2024

CATEGORY	TOTAL	PAID	UNPAID
Contractors	170	147	23
Suppliers/Manufacturers	46	28	18
Associates	75	68	7
	===	===	==
Total Members	291	243	48

*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)**

## Three new members this quarter

# WELCOME NEW MEMBERS

### CONTRACTORS:

*Blurail Excavating*

**Samuel Lapp**

1475 St Hwy 163

Canajoharie, NY 13317

*Joined at summer meeting*

*Aztech Geothermal, LLC*

**John Ciovacco**

5 McCrea Hill Rd Suite 200

Ballston Spa, NY 12020

*Joined on-line*

*Jim Buell, Plumbing and Heating*

**James Buell**

6689 County Rd. 2,

Canandaigua, New York

*Joined through the website*

## EFFECTIVE NOVEMBER 1st

# DUES INCREASE

Contractor/Driller . . . . . \$250

Pump Installer . . . . . \$250

Supplier/Manufacturer . . . . . \$250

Associate Company Member . . . . . \$50

Retired Member . . . . . \$50

*(Who were self-employed with no employees)*

## 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 <i>new dues rates effective Nov. 1st</i>	NYS DEC Reg. # _____
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# General Drilling and Pump Installer Classes

Will Be Offered this Fall in **Brewster, Saturday, October 19, 2024**

*Empire State Water Well Driller's Association,* we will be offering classes at D&S Pump & Supply on Saturday, October 19, 2024. **Preregistration is required one week in advance and classes must have a minimum attendance or classes will be cancelled. Registration deadline is October 11, 2024.** Breakfast and lunch will be provided as compliments of **Mahopac Bank** and **Gould Water Technology**.

The first two hours of the class from 9 am to 11 am will cover general drilling knowledge, which will assist individuals in taking the Drilling General Exam and some questions on the General Water Systems Exam. The second two hours of the class (11 am to 1 pm) will cover more of the Water Systems General and the Pumps under 100 gpm exam for pump installers. **Please note exams are not given on-site. There will be no Cable Tool or Rotary Classes.** You must schedule the test on your own and in advance with PSI through **NGWA.org**.

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

**Class size will be limited.** Registration will be \$75 for ESWWDA members and \$150 for non-members. Any member who has already taken any of the primer classes offered in 2002 through 2024, may retake the class for \$40.00. Payment can be made with cash, check or credit card (MasterCard or Visa). **Onsite check-in begins at 8:30 am.** The class will be held at **D&S Pump & Supply** located at **3784 Danbury Road, Brewster, NY 10509**.

Contact Julie Boyd to pre-register at **845-225-3196**.



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

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

NYSDEC

### Division of Water Water Well Program

625 Broadway  
Albany, NY 12233-3508

**877-472-2619**

[dow.nyswaterwells@dec.ny.gov](mailto:dow.nyswaterwells@dec.ny.gov) 



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# Clip-n-Copy

## for your Company's Safety Meeting

# Steel Strapping Removal

From NGWA Safety Facts Sheets

*A piece of steel strapping becomes a dangerous weapon when it lashes out at you suddenly.* It's an experience similar to having someone make a pass at you with a knife.

Despite the dangers to your eyes, face and hands, steel strapping works well for reinforcing and binding boxes or containers. So you have to learn to live with it safely.

Before attempting to remove steel strapping from a container, you should be dressed for the job. Safety goggles and leather palm gloves should be worn. When working with heavier weight straps, it may be necessary to wear steel-studded gloves and a face shield in addition to goggles.

Long sleeves, fastened at the wrists, also help ward off blows from the strapping that would cause cuts. Safety shoes, of course, are a good idea for any materials-handling job.

The persons removing the strapping are not the only ones to be considered when safety precautions are taken. Everyone else in the area should be clear of the danger zone or be wearing protective equipment.

After these preliminary safety measures are taken, you can proceed with the removal of the steel strapping or wire.

A cutting tool designed for the job should be utilized. Manufacturers or other suppliers furnish duck-billed shears which should be used. Long handled cutters may also be used so the person doing the cutting will be at a safer distance from the strapping. Special cutting tools should not leave sharp edges. Cuts should be made squarely to avoid forming extra sharp surfaces.

The temptation might be great to snap the strapping with a crowbar, claw hammer or similar tool. But, don't do it. It will increase your chances of being injured by flying metal.

Experts say that the person doing the cutting should hold down the strapping with one gloved hand while cutting with the other. He should stay out of line of the end that will spring loose when cut.

When articles are bound with heavy strapping, the rebound may be too strong to control with your hands, so every precaution should be taken to stay out of the way of the strapping and to wear proper protection.

Contents of the container or box should be known before cutting the straps, as some materials, such as auto springs or mattresses might recoil violently when the steel binding is released. Skill and special instruction are required for opening bales of burlap or sacking.

After cutting the straps, there are still further safety measures which must be accomplished. The straps should be placed in a scrap container and not left on the floor to form tripping hazards. A container for scrap should be kept in the cutting area.

If mechanical dumping is not available, whoever empties the scrap container should also wear gloves and goggles.

Despite all precautions, you will receive cuts occasionally and these, and all injuries, should receive first aid treatment immediately as a measure against tetanus and other complications.

The steps for making the cutting of steel strapping a safe operation are clearly defined and easy to follow. First, always wear proper protective equipment; make sure that everyone is a safe distance away; use the right cutting tool; stay out of line of the cut strapping; and dispose of these straps safely.

Remember that if you handle steel strapping wrong, it will strike back. So don't get hurt!



# Keeping Track of Equipment

*Have you ever needed to send the location of a piece of equipment to an employee?* Have you ever had the need to track your equipment? Well, there are resources available to us to help meet these needs. With the use of technology **AirTags**, **Tile Pro**, **SmartTags**, and more provided by both Apple and android users this service.

I must start from the beginning and clarify that you need a smart phone or a smart device like a tablet or computer for this technology to work. In other words, it must be Bluetooth

compatible. It uses the “Find My” feature. A signal is sent out to the device to locate it and then sends the location back to your phone. All of this information is kept confidential and encrypted, but you are working on a network service. These devices are straightforward on how to set them up. Some devices have a tiny built-in speaker, and from the app you can play a sound to help find the lost items. These tags have been widely used in luggage but have many uses.

Many of these devices are water and dust resistant. They work

on CR2032 batteries which have a long life (average 3-4 years), and the device will notify you if the battery needs to be changed. Frey Well Drilling uses AirTags on their equipment. They can open the app, select an AirTag and send the information to the employee. The employee can put the location in a map app and drive to the equipment. The secret to this application is to find a dry and secure location on the equipment. For more information regarding these products, prices, and availability I am going to say “Google” them!

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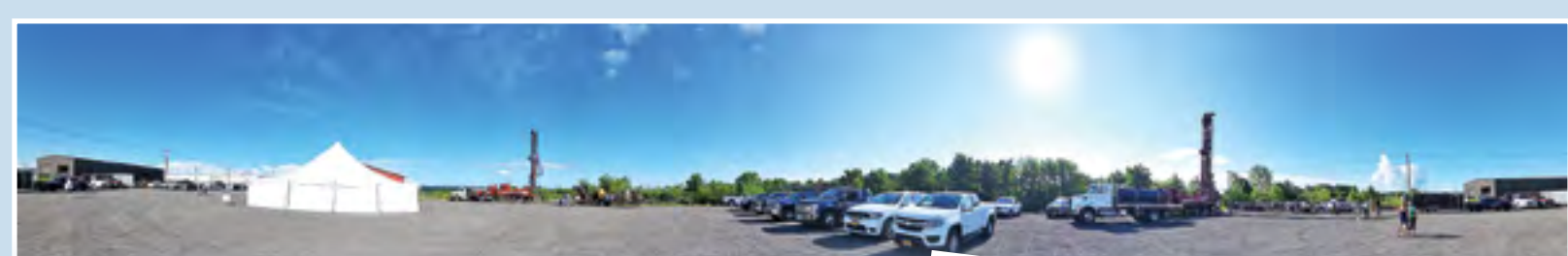
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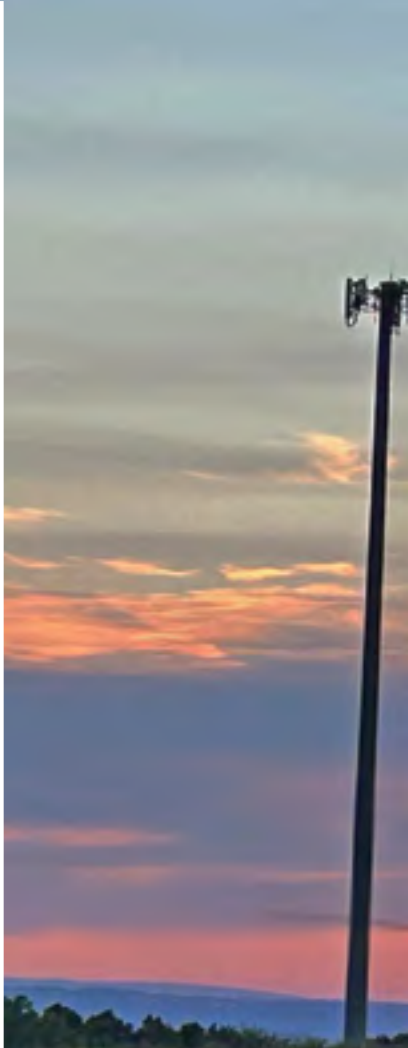
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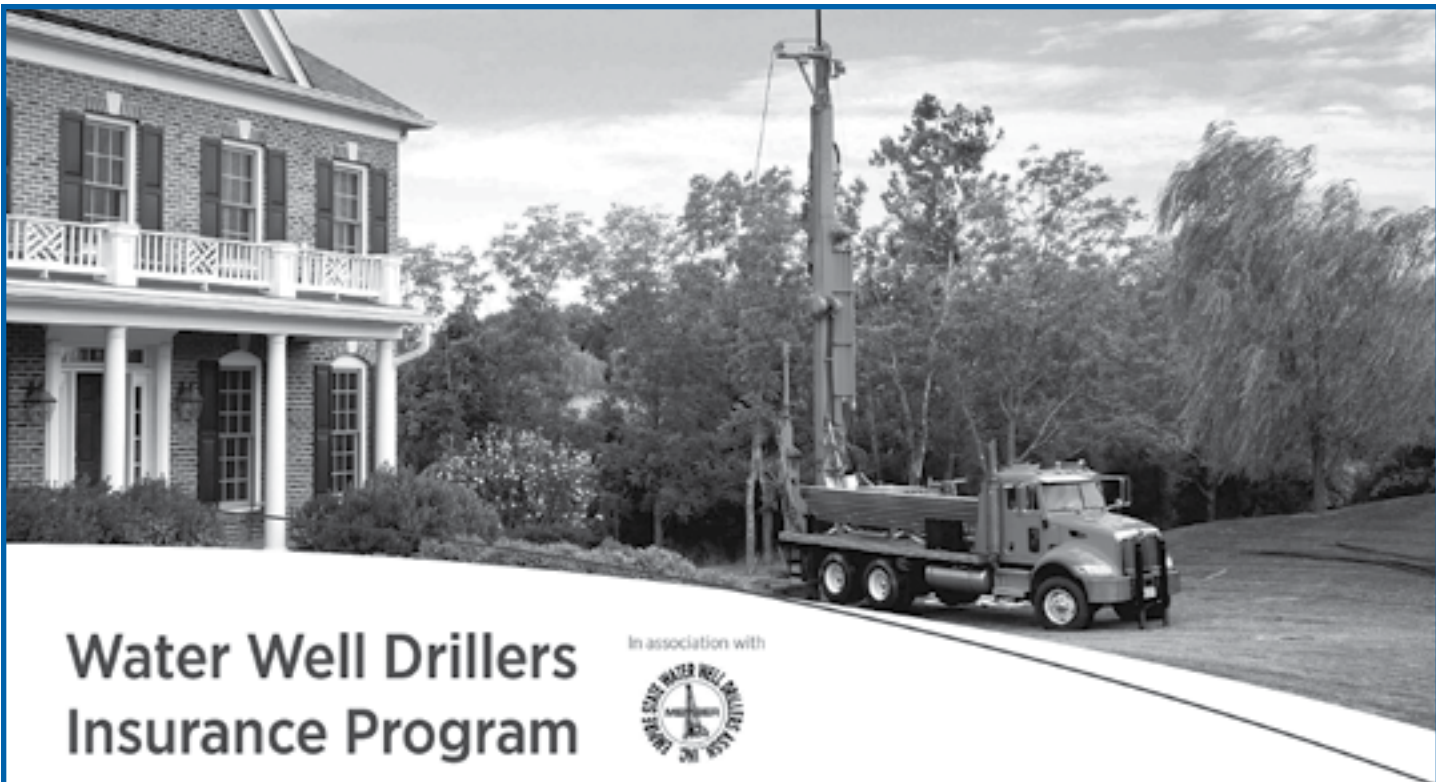












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# Second Installment - Basic First Aid & Narcan Training

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 WAS DIVIDED BETWEEN THE LAST ISSUE AND THIS ISSUE OF HOLE TALK.**

## **Cardiac arrest is caused when the heart stops beating.**

Without blood flow and no pulse, the person becomes unconscious, stops breathing and collapses. Coronary heart disease is the leading cause of death in our nation. During a myocardial infarction (MI) part of the heart muscle starts to die. This is caused by a blockage of an artery (coronary) due to buildup of cholesterol deposits or a blood clot. Victims are usually awake and can talk but feel severe pain. Most critical time is within the first 30 minutes after the symptoms begin. Signs that someone is having a heart attack include shortness of breath or difficulty breathing; anxiety; pressure, squeezing, fullness, or pain in the center of the chest, radiating down either arm, or in the jaw; ashen color to skin, and perspiration, nausea, or vomiting. First aid for heart attacks begins with calling 911, then make the victim comfortable, either lying down or sitting. Loosen any tight clothing at the waist and neck. Ask the victim if he or she has heart medication. Do not let the victim move around, and finally, do not give the person any stimulants like coffee or tea. If the heart stops beating, begin CPR. However, if the heart is beating and the person is breathing, CPR is not necessary. Just keep him or her comfortable until EMS personnel arrive.

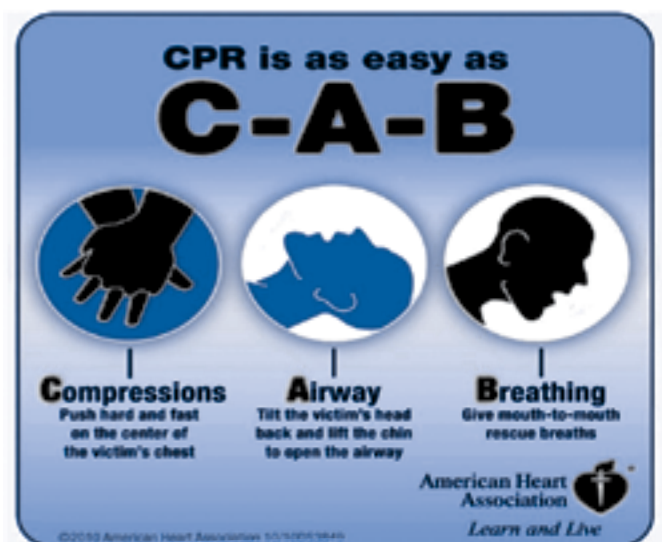
In cases where a person has lost a lot of blood, a condition known as shock can develop. Shock is the body's way of reacting to severe injury. A person in shock may appear stunned or confused. To treat shock: call 911, put victim on their back, if no leg injury or pain raise legs 12 inches, cover victim with blanket, and if bleeding is visible – use direct pressure.

As you may know, the American Heart Association came out with the new guidelines for CPR & Emergency Cardiovascular Care in October 2010. The biggest change is the new sequence for CPR. The sequence for CPR has changed from A-B-C to C-A-B. You may be asking yourself why the change? Because of delays in compressions associated with time needed to open the airway and give breaths.

The new sequence allows chest compressions to begin sooner. For adults with a witnessed cardiac arrest and ventricular fibrillation, chest compressions and early defibrillation are critical. Most victims receive no bystander CPR, which may be due to the A-B-C sequence, which started with the most difficult task.

**C = Circulation** If not breathing or seeing *agonal breathing* begin chest compressions. Agonal breathing or gasps that occur at the beginning of cardiac arrest are not efficient and victim should be treated as if they are not breathing. **No checking for pulse or signs of circulation just go straight to CPR.** Place one palm on the chest between the nipple line. Interlock your other hand on top of the hand on the chest. Bring your shoulder over the top. Make sure you have a wide base (knees spread just outside your shoulders). Press down 1 ½ -2 inches at a rate of 100 compressions per minute – hard and fast. Make sure chest recoils completely. Complete 30 compressions and then give two breaths. Do not stop unless an AED is available, victim moves, or you substitute out (if two rescuers are available – switch every five cycles of 30:2 – approx. two minutes) – reduces fatigue.

CPR has two main parts: compressions and giving breaths. Pushing hard and fast on the chest is the most important part of CPR. When you push on the chest, you



pump blood to the brain and heart. A compression is the act of pushing on the chest. People often do not push hard enough because they are afraid of hurting the victim. An injury is unlikely, but it is better than death. It is better to push too hard than not hard enough.

**A = Airway** Head tilt and chin lift.

**B = Breathing** If you do not detect normal breathing – give two breaths lasting 1 second each (may use barrier). Watch their chest rise and allow exhalation before their next breath. If breaths do not go in, then reposition the head and try again.

Compressions are the most important part of CPR. If you are also able to give breaths, you will help even more. Your breaths need to make the chest rise. When the chest rises, you know the person has taken in enough air. If the victim begins breathing and having a pulse, then turn victim to their side with lower arm in front. No position is perfect- just make sure they are stable, near a true lateral position, and there is no pressure on the chest to impair breathing.

In the next couple of slides, I will talk about how to provide first aid for some injury emergencies. Types of bleeding are Arterial (spurting), Venous (gushing), Capillary (oozing) and Internal (bruising). Heavy bleeding is another serious medical emergency. If a co-worker is bleeding heavily, you have to stop the flow of blood while you wait for EMS personnel to arrive. Because of the risk of bloodborne diseases, you must wear gloves (from the first-aid kit, if possible) when administering first aid for bleeding. Next, cover the wound with a clean bandage from the first-aid kit. Then apply pressure with your hand directly over the wound. Do the same thing if a finger, hand, or other body part has been amputated. While you are applying pressure to the wound, have someone else place the amputated part in a plastic bag with ice. Make sure to wrap the severed part so that it does not directly touch the ice. Give the package to EMS personnel or rush it to the hospital. In many cases, severed limbs can be reattached.

Do you know where the nearest first-aid kit is located in your work area? You should. You should also know what materials the kit contains. *Tell trainees where to find first-aid kits in their work areas. Show them a kit so that they become familiar with first-aid materials in the kit.*

Wounds and abrasions care: Irrigate wounds until free of any foreign matter. Small wounds and abrasions

should be cleaned thoroughly then have triple antibiotic ointment placed on it and covered. Larger wounds also need to be cleaned then covered and taken to doctor for possible stitches. Irrigate wounds until free of any foreign matter. Small wounds and abrasions should be cleaned thoroughly then have triple antibiotic ointment placed on it and covered. Larger wounds also need to be cleaned then covered and taken to doctor for possible stitches.

Controlling external bleeding or open wounds with direct pressure and elevation. Clean shallow wounds with soap and water but Do NOT clean deep wounds. Bandage and apply antibiotic ointment to minor wounds. If sutures are needed get to an ER within 6-8 hours of injury. Faster treatment leads to faster healing, reduces infection, and lessens scarring. Sutures are not needed when the skin of cut edges fall together or shallow cuts less than one inch.

Impaled objects usually extend into the fat, muscle, and other tissue and can cause severe bleeding if the object penetrates a major blood vessel or organ. The response is to control the bleeding by removing the surrounding clothing and placing pressure around the object to stop bleeding. Stabilize the injury by using bulky dressing and Do NOT remove object. Now bandage, protect and activate EMS.

Apply direct pressure. If bleeding continues add more gauze or cloth; do not remove gauze or cloth. The use of tourniquets should be avoided unless in extreme matters.

Wound care precautions include a Tetanus shot if needed, avoid direct contact with blood, do NOT clean large or severe wounds and do NOT scrub a wound.

Closed wounds occurs when a blunt object strikes the body. Skin is not broken, but tissue and blood vessels below surface are crushed, causing flooding in nearby tissue. The response for a closed wound is to apply ice or cold pack to reduce swelling and bleeding. Control bleeding by wrapping with elastic bandage and elevating above level of heart. Watch for possible fractures and/or other injuries.

Internal bleeding monitor for shock and call 9-1-1. Things to watch for are bruises and contusions; painful, tender, rigid, bruised abdomen; vomiting or coughing up blood; and stool that is black or contains blood.

Musculoskeletal trauma are sprains, strains, contusions, and fractures. For minor sprains, strains, contusions use

*Continued on page 21*

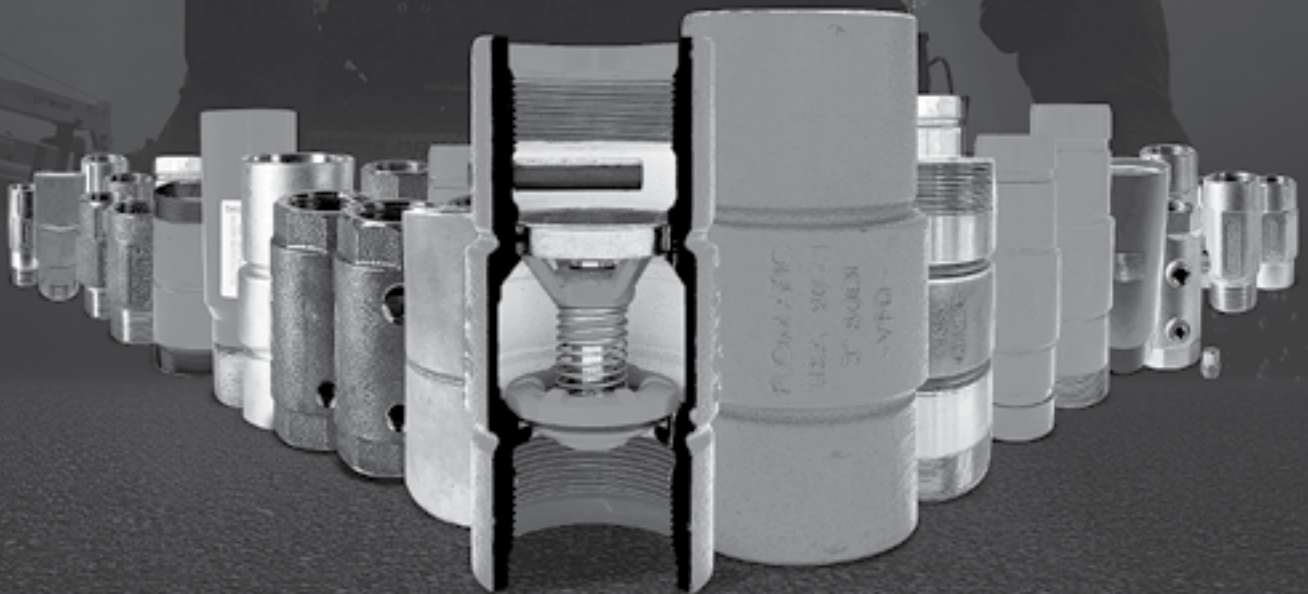


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the R.I.C.E. method of treatment – rest, ice, compression, and elevation. You apply ice for 20 minutes. With sprains elevate and place compression bandage. If you are unsure of the injury suspect fracture, do not move or straighten injury. Place ice on area and splint in position, send to ER. If suspect dislocation, splint as is and send to ER. How do you suspect a fracture by pain, inability to use the injured part, deformity, swelling, local bruising, localized tenderness, and crepitus or abnormal mobility (unnecessary painful maneuver).

For closed fractures immobilize the injured part (splint the fracture): to reduce pain, prevent shock, and prevent further soft tissue injury. Effective splints can be made from rolled-up newspapers, magazines, blankets, cardboard, or a stick. For a broken arm make a sling out of a triangular piece of cloth. Do not try to set a broken bone yourself. Apply ice (wrapped in cloth) to the injured area to help reduce swelling and inflammation (not in open fracture). Do not give anything to eat or drink in case an operation is necessary. Give person analgesic anti-inflammatory drugs and watch out for signs of shock.

First -aid for an open fracture, have the victim lie flat. Remove their clothing covering the wound and apply direct pressure to the wound to stop bleeding. Cover the wounded area with a clean cloth or dressing and watch out for signs of shock. If they go into shock, elevate the victim's feet, cover them with a blanket to keep warm and call 911.

Amputations cutting or tearing off of a body part usually bleed heavily. In these cases, activate EMS immediately, Wrap severed tissue in sterile gauze, and keep it cold and dry by placing it in a sealed plastic bag and putting ice on it. Control the bleeding by applying direct pressure to the wound and applying sterile or clean dressing and bandage. Transport the victim and tissue to the hospital.

Eye injuries are a common workplace medical emergency. Eye protection can prevent most injuries. But just in case, you should be familiar with first aid for different kinds of eye injuries. For chemical splashes, flush eyes for at least 15 minutes with water, and then close the eyes and cover them with a clean cloth. Get immediate medical attention. For solids (particles, dust, powders, etc.) in the eye, flush with water until particle comes out. If it will not come out, cover the eye, and seek medical attention. Do not let the victim rub the eye. For a blow to the eye, apply cold compresses for 15 minutes to reduce pain and swelling. Get medical attention. For cuts near the eye, bandage loosely and get medical attention. Do not let the victim rub the eye. For objects that penetrate the eye, do not try to remove, move, or put any pressure on the object. Immobilize it by placing a paper cup or soft, bulky dressing around it, secured with tape. Bandage the other eye so that the victim will keep the injured eye still. Get immediate medical attention.

Environmental emergencies are cold, or heat related. Cold injuries such as hypothermia are treated immediately begin re-warming – remove wet clothes and wrap body surface with anything at hand; get to medical facility immediately. If far from medical facility you begin active warming – placing near heat source, placing in warm (not hot) water. For frostbite remove wet clothing. It usually occurs on extremities. Do not re-warm if there is any chance it could freeze again, or you are close to a medical facility. You can use luke-warm water if you are far from the medical facility.

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Continued from page 21

Burns are injuries that can be caused by contact with heat, electricity, or chemicals. Heat burns can be caused by contact with fire, a hot surface, a hot liquid, or steam. Use cool water on the burns. Ice can damage burned areas. If someone with a burn gets too cold, they can get hypothermia (which is a low body temperature).

Burns are another common workplace hazard. You can be burned by hot surfaces, hot materials, or by the properties of certain materials. First aid for burns depends on the degree of the burn. First-degree burns are the least severe. They just involve the top layer of skin, which becomes reddened and painful. Second-degree burns are more serious and include blistering in addition to reddened skin and pain. First- and second-degree burns may be treated with cold, running water for relief of pain. Then cover the burned area with a moist, sterile dressing. Do not break blisters on second-degree burns. Third-degree burns are the most serious and can even be life threatening. With third-degree burns the skin is destroyed, you see charring and deep tissue damage. You may even see exposed bones. For third-degree burns, call 911 immediately, and keep the victim comfortable until help arrives. Always get immediate medical attention for

all burns, especially those that are severe and those that cover large areas of the body.

These are the actions and steps you should take for small and large burns. For small burns, if possible, hold the burned area under cold running water. For large burns, cover the person with a dry blanket to keep the person warm because once the skin has burned, the person can no longer control body temperature well and often gets cold.

For thermal burns cool burn with cold water until pain ceases though do not cool for more than 10 minutes since it can lead to further damage. For burn blisters cover with loose gauze but keep intact. Breaking them can lead to infection.

Electricity can burn the body on the inside and outside. Electricity can stop breathing or cause a deadly abnormal heart rhythm. Electricity may leave only small marks on the body. No one can tell how much damage there is inside the body based on the marks on the outside. With electrical burns make sure electrical current is shut off before trying to help victim. CPR and defibrillation may be needed as well as burn treatment. All electrocution injuries should be checked out by a physician.

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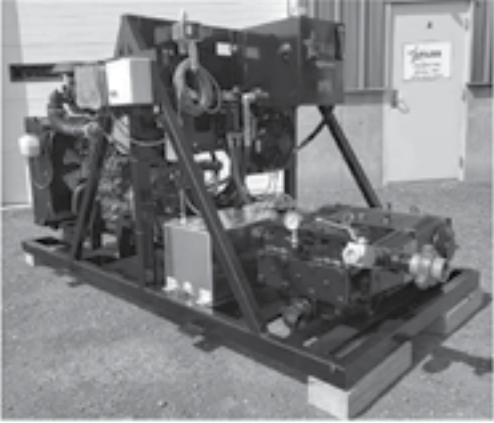


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Most heat-related emergencies are caused by vigorous exercise. Heat cramps are painful muscle spasms, most often in the calves, arms, stomach muscles, and back. Signs of heat cramps include muscle cramps, sweating, and headaches. These are the actions you should take if a person has heat cramps. It is also important to note that once heat cramp symptoms stop, the person can exercise again. Stretching, icing, and massaging painful muscles may be helpful. A bag with ice and water and wrapped in a towel may be applied to the sore muscle for up to 20 minutes if the person can tolerate it. Mild heat-related signs are a warning that the person's condition may get worse unless you take action.

Symptoms of heat-related emergencies often increase if left untreated. Heat exhaustion is a serious condition that often turns into heat stroke. It often occurs when someone exercises in the heat and sweats a lot. Signs of heat exhaustion include sweating, nausea, dizziness, vomiting, muscle cramps, feeling faint, and fatigue. Follow these steps for heat exhaustion. Make sure the scene is safe. Get the first aid kit. Wear PPE. Phone

or ask someone to phone your emergency response number (or 911). Have the person lie down in a cool place. Remove as much of the person's clothing as possible. Cool the person with a cool water spray. Working in a hot environment or on a hot day can be very stressful for your body, especially if you're not used to the heat.


Heat exhaustion may start out as discomfort and fatigue but can quickly develop into something more serious. Symptoms of heat exhaustion include pale or flushed appearance, weakness, heavy sweating, headache, moist and clammy skin, dizziness, and sometimes, nausea or a slight fever.

First aid for heat exhaustion involves these steps: move the victim to a cool place; have the person lie down; elevate feet 8 to 10 inches; loosen clothing; give the victim water and encourage him or her to drink slowly; and apply cool compresses to the head and body. Do not administer "salt tablets," as these are a high blood pressure risk.

If a person suffering from heat exhaustion is not treated promptly, it can turn into heatstroke. Heatstroke is a life-threatening condition in which the body gets so hot that it cannot cool down. Signs of heatstroke include very hot and dry skin, extreme tiredness, and confusion. You have to act fast in cases of heatstroke. Immediately call 911. While you are waiting for help to arrive, cool the person down by hosing his or her body with cool water or by fanning the body. Monitor the victim to make sure the airway remains open, the person is breathing, and the person has a pulse.

If you work in a hot environment or if you exercise or work outdoors on hot days, you should recognize the symptoms of heatstroke and take precautions to prevent overheating. Precautions for preventing heatstroke are drinking lots of fluids, pacing yourself while you work, taking rest breaks in a cool place, and so on.

Here are the main points to remember about basic first aid. Medical emergencies can happen anytime on the job. When a co-worker is injured, you have to act quickly, calmly, and correctly. The best way to prepare for workplace medical emergencies is to be certified in first aid and CPR.

*This concludes the Basic First Aid for Medical Emergencies training session.* 



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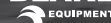
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# Condolences

The ESWWDA wishes to express their condolences to the Moravec family on the passing of their mother **Marilyn Jane Moravec**. Mrs. Moravec passed on **Thursday, July 18, 2024** at the age of 96 at her home.

She was very active in the community and a proud member of the **Penn Yan Methodist Church**. She worked for several years at **Barney Moravec, Inc.**

Mrs. Moravec is survived by her children, **William, John, Elizabeth** and **Richard** and their families which include **eleven grandchildren** and **ten great-grandchildren**.

Funeral services were on Monday, July 29th at the **Penn Yan Methodist Church** with burial in **Lakeview Cemetery**.

Donations may be made to the **Penn Yan Methodist Church** or to **Yates-Ontario Hospice** in Geneva. 🗨️



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**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



### 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)

# 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 **November 1, 2024**,  
the next **Hole Talk** deadline.

## UPCOMING EVENTS

### ESWWDA Fall Meeting

**October 4-5, 2024**

**Fort William Henry Lodge**

Lake George, NY 12845

For reservations: **1-800-234-0267**

INDICATE THAT YOU ARE WITH THE EMPIRE  
**STATE WATER WELL DRILLERS' ASSOCIATION-  
FALL MEETING** FOR THE GROUP RATE OF **\$232**  
PLUS TAX PER NIGHT

### WSC Meeting and Fund Raiser

**October 15-17, 2024**

Tucson, AZ

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

### General Drilling & Pump Class

**Saturday, October 19, 2024**

See page 9 for more details

### NGWA Convention and Trade Show

**December 10-12, 2024**

**Las Vegas Convention Center**

3000 Paradise Rd. Las Vegas, NV 89109

Reservations at **Westgate Resort and Casino**,

Las Vegas, NV

**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)