



Hole Talk

Summer 2019
Published Quarterly

www.nywelldriller.org

ESWWDA Summer Meeting June 21-22, 2019 – Saratoga Springs

Jeremy Baldwin from Hawk Drilling Co., Inc. in **Saratoga Springs** is hosting the summer meeting on **June 21**. It will be held from 12:00- 6:00 p.m. at the **Saratoga Spa State Park**. It will take place at the **Carlsbad Pavilion** in the park. **The cost of admission to the park is \$8.00 per car.** It is located at 19 Roosevelt Drive. The main entrance is located on Route 50. Enter the park and follow the signs.

The general **membership meeting** will be at **1:00 pm**.

The **barbecue** begins at **2:00 pm** on Friday. **The cost is \$40.00 per person.** Children under 10 are free. Soda and water will be provided in the ticket price. **A head count is needed by June 1.** Please call **Julie Boyd** at **845- 225-3196** or email her at **Julie@NYWellDriller.org** to RSVP. BYOB if you would like anything else to drink. **It is a picnic everyone!** Bring your bathing suit if you want to go swimming. The pool is across the street from the pavilion.



Accommodation can be made at the **Holiday Inn** at 232 Broadway in Saratoga Springs. It is located roughly one mile from the park entrance. **The cost is \$179.00 per room.** There is a block of 20 rooms available. Reservations can be made at **518-584-4550** or by calling **1-855-214-3079**. They can also be made online at **www.saratogahi.com**. Use code **WDA** when making your reservations to get the reduced rate. **The deadline for reservations is May 31.**

If anyone has a camper and would like to stay in Hawk Drilling's yard; please contact Janice or Jeremy at 518-885-7952.

Saratoga Springs has an active nightlife with music playing in many places. There are several brewpubs with craft beers throughout town. We can get together and go out as a group on Friday or Saturday, or you can walk through town on your own. Saratoga Springs is on the top ten list of best cities to visit in the United States. 🗣️

If you have any questions contact **Janice Hawk Baldwin** at **518-885-7952**. It will be a fun time!

Please call 518-584-4550 to make your hotel reservation.

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. 🗣️

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Summer Meeting Agenda

2019 Empire State Water Well Drillers' Association

June 21, 2019

Friday, June 21, 2019

1:00 pm **General Membership Meeting**

2:00 pm **Picnic and Fun with Friends**

Carlsbad Pavilion at 19 Roosevelt Drive

\$40.00/ pp, & admission to the park/ \$8.00 per car

RSVP **Julie Boyd** at Julie@nywelldriller.org

or **518-584-4550**

Saturday, June 22, 2019

11:00 am **Guided Walking Tour of the Mineral Springs**



Location: Holiday Inn

232 Broadway
Saratoga Springs, NY 12866

Accommodations:

\$179.00 per night plus tax

Reservations can be made

at **518-584-4550**

or **1-855-214-3079**.

Online at www.saratogahi.com.

Use code **WDA** when making your
reservations to get the reduced rate.

**The deadline for reservations
is May 31.**



2019

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Jim Wild, Jim Wild Well Drilling

PO Box 131 Gardiner, NY 12525

845-255-4155 • Jimwildwelldrilling@gmail.com

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PO Box 585, Niverville, NY 12130

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

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Aqua-Tec Water Services Inc.

146 Polen Hill Road, Gilboa, NY 12076

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

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Roarke Well Drilling, Inc.

431 Scotchtown Ave., Goshen, NY 10924

845-783-9355 • Fax. 845 783-2331

ChuckC@RoarkeWellDrilling.com

ESWWDA Correspondence Manager

Julie Boyd

1054 Route 52, Carmel, NY 10512

845-225-3196 • Julie@nywelldriller.org

ESWWDA Assistant Correspondence Manager

Susan Bates

900 N James St., Rome, NY 13440

315-339-8960 • sue@nywelldriller.org

3 Year Directors

Mike Palleschi, CPG, CWD

Senior Geologist, Alpha Geoscience

518-348-6995 • mpalleschi@alphageoscience.com

Chris Root, Root Contracting,

585-593-4304 • droot@eznet.net

2 Year Directors

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

518-746-0173 • rosickdrilling@yahoo.com

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

518-885-7952 • hawkdrilling@aol.com

1 Year Directors

William Frey, MGWC, Frey Well Drilling Inc.

716-937-7977 • DrillerFrey@aol.com

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

845-406-0225 • Rus@Turnbullwelldrilling.com

Supplier Directors

David Chugg, Ground Water Systems, Inc.

585-746-8055 • dchugg@groundwatersystemsinc.com

Bernie Kistner, Group One Northeast, Inc.

845-473-1969 • bckistner@aol.com

Jeff Quinn, Matrix Corp.

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

Dave Keough, Blake Equipment

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

Values

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

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

The President's Thoughts

Inflation and Additional Work vs. Profits

Even though the warmer, breezier days are drying up the mud, my mats are still on the pick-up, our friends in the Adirondacks still have posted roads. This should all be ending soon.



The workload seems to be steady, but the checkbook needs to be carefully watched. Inflation in our industry has taken the front seat over us, making them a strong profit for the work that we complete.

Tires, bits, parts, casing, drill foam, wipers, copper kote, hammer lube, equipment, trucks, fuel, and pretty much anything with steel has risen drastically. The tariffs haven't helped our business much, as I see it.

The idea that we can just pass it on is a hurdle that sometimes can't be jumped. People have only so much money for a well and pump to be installed and then the negotiations start, especially when replacing wells on existing houses. This is a large part of my business and here in the Hudson Valley we don't have an enormous building surge of new homes.

The other problem is that so many people have their ideas on costs and procedures of well drilling or pump installations through their smart phones.

Recently, when I started the borehole of a well, the customer asked why I didn't use a "Tricone roller bit". I told him to give me \$700,000 for the rig and I would check back with him to see how he and the rig were doing drilling his own well. Guess the phone didn't know about an 8" hammer. Some people just know enough to be a pain in the rear.

Rewind to twenty years ago, people were happy to get the job done without a grand jury inquiry as to how it was going to be done. Also, twenty years ago most items were less or even half of what we are paying for them now. But our rates we charge don't always reflect that.

While some of the customers are happy to get their water supply done or replaced, they now question the clean up or the way we leave the drill site. That wouldn't be a problem but all too often that gets skipped on the bill. I usually say all towing is on the customer and that makes ruts that aren't my problem,

and yes, it's going to look like a bomb went off. But, when the ditch work is done and a month goes by, the grass will have grown in; just have a little patience.

Then the phones with the cameras come out and the comments "I didn't know your trucks were that heavy!" or "what about all

this mud?" The job attitude can change quickly.

All said and done, we are working harder and investing more to keep the customers happy. Some contractors are even on the flip side of that equation. Look around your area as to how many have gone out of business through financial misgivings in the past 20 years.

If you look into how much you charge as to how much your best or worst competitor charges, we are most likely within 20% across the board. For example: a 300' well with 40' of pipe, drive shoe, cap, mobilization will reflect a 20% difference. The company on the low end might want to think about their future rates to be changed to keep up with our industry inflation so they aren't swallowed up in the statistics and being out of business prematurely.

When I see the profits that businesses make on the stock market channel in their net worth, we are definitely left out of that circle or wave. Mainly because they are the ones that drive the inflation to us and we are the ones that can't pass it on because of our competitive market.

If engine manufacturers raise their prices on filters or parts, we often overlook those increases when we pay those bills at the end of the month. You might say, "Wow, I did a bunch of work and a little maintenance and it really showed in the checkbook balance." The hidden inflation gets overlooked.

As the economy changes, so must we. Talk to your competitors; see how they are dealing with these issues. Communication is important. That is why we have meetings and why I am writing this.

Have a good early summer, be safe, and work hard. There are a lot of people depending on us, because we provide a very precious and valuable resource!!

President James Wild

ESWWDA General Meeting

April 13, 2019 – Middletown, NY

President Jim Wild called the *spring meeting of the Empire State Water Well Driller's Association* to order at **9:03 a.m. on April 13, 2019** with 20 members in attendance.

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

Jim Wild, *President*

Tyler Wills, *Vice President*

Charles Crover, *Secretary/Treasurer*

Julie Bullock, *Correspondence Manager*

Dave Rosick, *Director*

Chris Root, *Director*

Mike Palleschi, *Director*

Bernie Kistner, *Director*

Dave Keough, *Director*

Henry Boyd made a motion to accept the reading of the minutes as they appeared in the last edition of *Hole Talk*. **Bernie Kistner** seconded the motion. With no additions or corrections, the motion was carried.

Charles Crover gave the treasurer's report. **Dave Rosick** made a motion to accept the treasurer's report and was seconded by **Allen Dretel**. The motion was carried. **President Wild** explained that our expense line item regarding legal cost was high for this year, but we had negotiated to pay 2 years at one time with a discount.

Communications: There was no communications to report at this time.

Sickness & Health: **Tony Ferraioli** is recovering from shoulder surgery.

Dan Shultes, Walt and Kristen's son-in-law, was diagnosed with ALS. Please watch on the website for information regarding a fundraiser. **Marjorie Beal**, wife of Malcolm Beal, Sr. passed away on April 5th. **Howard Goss** is having heart related issues. (*Note, after the meeting on April 27th, Howard Goss passed away.*) Bo Andersson's granddaughter, **Eloise "LuLu" Ulla Andersson** was born on March 29th. **Rikki Bruckman**, Dave Chugg's wife, passed away on April 12, 2019. Finally, **Bob McGinnis**, a driller in Ruby, also passed away.

Insurance: **Analisa Bastiani-Jesco** reminded everyone to check your equipment schedule to make sure trucks and equipment are covered, and the ones you no longer have or use, are removed.

Membership: **Julie Boyd** reported we currently have a total 344. Of that 261 have paid their dues and 83 are still unpaid. We have had 2 new members since *Hole Talk* was published.

Scholarship: There was nothing new to report.

Government Affairs: There was nothing new to report.

NEWWA: **Henry Boyd** reported that the show was well attended. We will not know the financial report until our October meeting.

Budget & Finance: **Chuck Crover** reported that we were working within our budget.

Education: **Henry Boyd** reported that we had 25 people in the class yesterday.

President Wild thanked Henry for doing the classes.

NGWA: The cover of the March 2019 issue of the *Water Well Journal* featured **Jeff Smith** and **Tyler Wills** from Smith Well Drilling. There was nothing else to report.

WSC: **Julie Boyd** reported that WSC launched a new website for **Savings Act Implementation** with information on help for small communities considering drinking water projects has been created by WSC and is now live at **waterprojectfunds.com**. This new site will be a resource for small communities searching for information on technical and financial assistance for water infrastructure projects. WSC also released updated state fact sheets.

Hole Talk: The next deadline is May 1st for *Hole Talk*.

Public Information: Please check the website to make sure your information is correct. If something needs to be changed, please contact **Sue Bates** or **Julie Boyd**.

DOT: There was nothing new to report.

Continuing Education: There was an increase in participation this year. Otherwise there was nothing new to report.

Past President: **Mike Frey** was telling how **NYS DEC** in western New York are requiring non-producing oil wells to be plugged. If the well has not produced for one year, it is deemed as non-producing. They are drilling drainage wells that are drilled until they incur salt.

ESWWDA Values

Old Business: The **summer meeting** will be in **Saratoga Springs** on **June 21st**.

There is a room block at the Holiday Inn in Saratoga Springs. The **fall meeting** will be at **Holiday Valley** in **October**. The **Annual meeting** will be back at **Turning Stone**.

New Business: **Bernie Kistner** asked the membership for ideas for the classes at annual meeting. There was discussion about ideas and input on raffles, new member kits, changing time and more.

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**

Director **Dave Keough** sold the **50/50 raffle tickets** to the membership. The winning member was **Mike Frey** who won \$67 and donated to **Bill Dauksza** to put the money toward his son's scholarship fund.

President Wild thanked sponsors for the bus tour to West Point, they are:

Goulds Pump, Campbell/Baker, Flomatic and **Group One**.

President Wild asked for a motion to adjourn; that was made by **Chris Root** and seconded by **Tyler Wills**. President Wild adjourned the meeting at 9:30 am.

Respectfully Submitted,

Julie Bullock

Correspondence Manager



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MEMBERSHIP REPORT May 2019

New members in the last quarter of 2019 were 3

CATEGORY	TOTAL	PAID	UNPAID
Contractors	200	165	35
Suppliers/Manufacturers	53	41	12
Associates	92	57	35
	===	===	==
Total Members	345	263	82

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

Payments may be made by mailing checks to:

ESWWDA, 1054 Route 52, Carmel, NY 10512

PayPal at www.nywelldriller.org

***NEW MEMBER TOTAL FOR 2019 IS 23**

Welcome New Members

CONTRACTOR/PUMP INSTALLERS

Robert Wainwright

COUNTY CLUB HOMES

796 Bluff Rd.
Newport, VT 05855

David Adams

ADAMS PLUMBING & HEATING, INC.

41 Cozier Hill Rd.
Sherman, CT 06784

Dennis Palmer

DENNIS PALMER PLUMBING & HEATING

10 White Farm Rd.
Wingdale, NY 12594

2018 ESWWDA Committees

Scholarship

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

Education

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

Membership

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

Insurance & Safety

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

Licensing

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

NEWWA

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

Liaisons to NGWA

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

Budget & Finance

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

Hole Talk

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

By-Laws

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

Environment

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

DOT

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

Supplier's Division

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

WSC

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

ESWWDA & You ... A Smart Alliance

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


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

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



The association provides:

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

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

ESWWDA

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

Name: _____

Date: _____

Street: _____

Work Phone: _____

City: _____ State: _____ Zip: _____

Cell Phone: _____

County: _____

FAX: _____

Business Name: _____

E-mail: _____

Contractor/Driller\$125

National Member Yes _____ No _____

Pump Installer\$125

CWD# _____

Supplier/Manufacturer\$125

CPI# _____

Associate Company Member \$25

NYS DEC Reg. #: _____

Sponsor: _____

Dues are NOT Tax Deductible


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

Accredited Well Driller/Pump Installer Program

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

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

Points can be accrued by the following methods:

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

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

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



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Let's Solve Water

WSC Takes Action to Implement Savings Act

On March 5, WSC ED Margaret Martens and Government Affairs staff Jeff More met with Swati Thomas, Nacole King, and Barbara Patterson of the Government Accountability Office (GAO) to discuss the implementation of the Savings Act.

The U.S. Government Accountability Office (GAO) is an independent, nonpartisan agency that works for Congress. Often called the “government watchdog,” GAO examines how taxpayer dollars are spent and provides Congress and federal agencies with objective, reliable information to help the government save money and work more efficiently.

GAO is beginning work in response to a Congressional mandate focused on innovative and alternative drinking water delivery systems and drinking water technical assistance programs. Specifically, Section 2108(c) of the Water Infrastructure Improvements for the Nation (WIIN) Act (The Water Supply Cost Savings Act) provides that GAO will report on:

1. The use of innovative and alternative drinking water delivery systems described in this section.
2. The range of cost savings for communities using innovative and alternative drinking water delivery systems described in this section.
3. The use of drinking water technical assistance programs operated by the Environmental Protection Agency (EPA) and the U.S. Department of Agriculture (USDA).

This section discusses wells and well systems and notes drinking water delivery systems serving 500 or fewer persons. In addition, this section requires EPA in consultation with USDA to develop a Drinking Water Technology Clearinghouse that contains information on the cost effectiveness of such systems, among other things.

WSC is working with GAO to ensure that they have the information they need to report to Congress on the use of alternative systems (wells) and their cost effectiveness. WSC is also working with GAO to ensure that this information, along with the new Decentralized Drinking Water Systems learning module we are creating for the EPA Water Finance Clearinghouse, is made known to the 27,500 very small communities that fall under the Savings Act. 🗨️

Business Opportunity in the rural water industry.

Looking for the right individual interested in taking over a well established business centered in Wyoming County.

The business involves drilling of water wells, pump and water treatment installations and services.

I will work with and train the right individual as needed to meet the demands of this specialized industry and help them to become a certified well driller and pump installer mandated by NYS.

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Well Owner Tip Sheet

From NGWA and WellOwner.org

Over the last several weeks NGWA has talked a lot about flooding and the impacts to you, the

private well owner. Our data and information was featured in media outlets across the country, was the topic of last month's Tip Sheet, and a resource page was created on **WellOwner.org**. The message we stressed the most: Make sure you have your well tested, and make sure it is tested by a certified professional.

With that in mind, we thought it made sense to provide some brief resources detailing where to get your well tested and what a certified professional is looking for when testing the well following a flood.

After a flood, a contractor will most likely test for...

...bacterial contamination, like E. coli and total coliform. Total coliform is the most commonly used indicator of bacterial contamination. The presence of coliform bacteria is an "indicator" of possible contamination from human or animal wastes carried by flooding. Total coliform is a broad category of bacteria, most of which pose no threat to humans. Some come from fecal matter, others naturally occur in soils, vegetation, insects, etc. The presence of coliform bacteria in well water can be a harbinger of worsening water quality. In some cases, more specific tests for fecal contamination, such as E.coli, may be used.

Great, I'd like to get my well tested, but...

...where do I start?

Typically, most county health departments will perform water tests for bacteria and nitrates. If you'd like to test your water for other substances, the county health department should also be able to provide a list of area state-certified drinking water testing labs to contact. Your State Laboratory Certification Officer also can provide a list of certified drinking water testing labs. To find a certified water testing laboratory in your area, visit this page on the U.S. EPA Website or call the toll-free **Private Well Owner Hotline at 855-420-9355**.

One reminder: Be sure to ask the lab that will be doing your water test for instructions on how to collect the water sample and for sampling bottles. Follow the instructions carefully to get accurate water test results. 💬

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Safe Lifting and Back Injuries

From NGWA's Safety Talks and The Hartford

The leading type of employee injury in the work place is a strain or sprain of the lower back.

It is estimated that eight out of every ten people will suffer back problems at some time. Lifting, moving equipment and other work-related activities, if done improperly, increases the chances of employee injuries. The five (5) simple steps listed below will reduce the possibility of a disabling injury.

REVIEW THE TASK

If work requires continuous material handling or heavy lifting, proper training and, possibly, a good physical, will be necessary. This insures that workers are physically fit and knowledgeable on how to lift to avoid back injuries.

INSPECT WORK AREAS

Slips and falls also cause back injuries. Wet or slippery floors, poor housekeeping conditions, and improperly

maintained stairs, ladders, walkways, etc. increase the chances for injury.

USE MECHANICAL LIFTING DEVICES

Lifting capabilities vary by individuals, but the potential for injury increases when the material to be lifted approaches or exceeds 40 pounds. Bulky materials also are harder to handle and increases the chance of injury. Material handling equipment may be necessary. Employees who take short cuts rather than use lift trucks, two wheelers or other lifting devices are asking for trouble.

INSTRUCT EMPLOYEES TO LIFT WITH THEIR LEGS

The leg muscles are a lot stronger than the back muscles. With the back kept straight, keep the load close to the body and use the legs to lift. Using the legs to lift and keeping the back straight, places less strain on the back

and reduces the potential for injury.

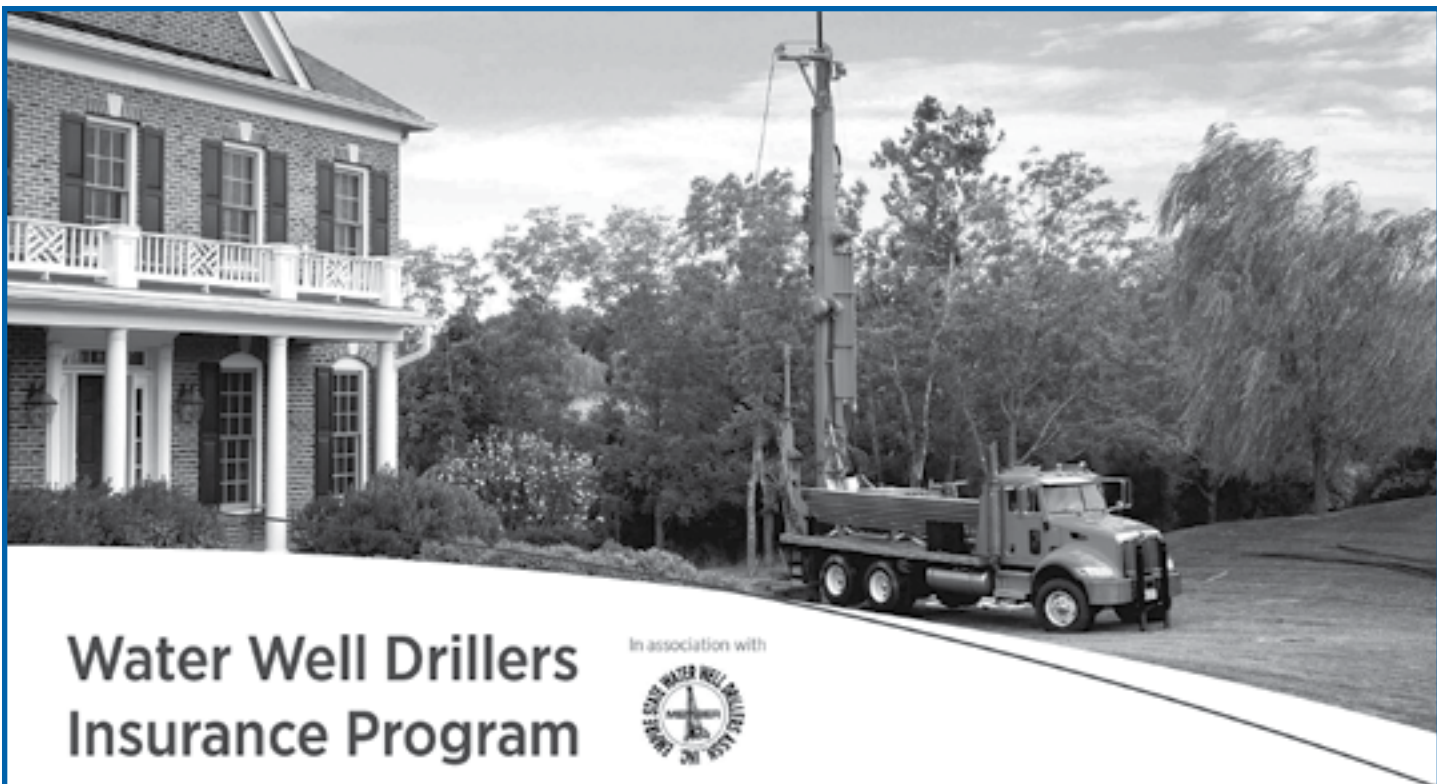
PROVIDE ADEQUATE HELP

Employees must get help to move heavy or awkward items. Workers who try to move heavy objects by themselves can exceed their limitations and be injured. Getting assistance takes little time and can eliminate the potential for serious injury. Some employees feel it is "macho" to handle heavy loads and "wimpy" to get help. These employees need to consider what their pride could cost them in pain, embarrassment, lost wages, etc.

WEARING BACK SUPPORT

For those employees whose normal job requires them to lift continuously, a lumbar support may be necessary. Wearing this type of lower back support belts can help prevent lower back injuries.





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The average person in the US uses about 80-100 gallons each day.

Here's how to reduce that...

- **Turn off the tap** when you brush your teeth – this can save 2 gallons of water per minute.
- **Place a cistern displacement device in your toilet cistern** to reduce the volume of water used in each flush. You can get one of these from your water provider.
- **Take a shorter shower.** Showers can use anywhere between 2 and 12 gallons per minute. Consider getting an aerated shower head, which combines water and air, or inserting a regulator in your shower, which puts an upper limit on flow rates.
- **Always use full loads** in your washing machine and dishwasher – this cuts out unnecessary washes in between.
- **Fix a dripping tap.** A dripping tap can waste 4 gallons of water a day, or 400 gallons of water a year.
- **Install a water butt to your drainpipe** and use it to water your plants, clean your car and wash your windows. A water butt can collect around 1,320 gallons a year.
- **Water your garden with a watering can** rather than a hose. A hose can use as much as 264 gallons of water an hour. Mulching your plants (*with bark chippings, heavy compost or straw*) and watering in the early morning and late afternoon will reduce evaporation and also save water.
- **Fill a jug with tap water** and place this in your fridge. This will mean you do not have to leave the cold tap running for the water to run cold before you fill your glass.
- **Install a water meter.** When you're paying your utility provider for exactly how much water you use, laid out in an itemized bill, there's an incentive to waste less of the stuff.
- **Invest in water-efficient goods** when you need to replace household products. You can now get water-efficient showerheads, taps, toilets, washing machines, dishwashers and many other water-saving products. 💡



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Saratoga Mineral Springs Legend & History

Compliments of www.saratoga.com

Among the few naturally carbonated springs in the country, Saratoga water is rich in minerals... and fame! Did you



know Disney World even has a Saratoga Springs Resort & Spa named for us? From ancient claims to modern marvels, learn what has made Saratoga Springs so popular through the centuries.

The springs are the result of a geological fault that allows water trapped in shale layers to surface. Historically, Mohawk and Iroquois tribes drank and bathed in Saratoga waters to celebrate the waters' supposed strong healing and curative

properties. Local lore says that the Mowhawks called the area "Serachtuague" to refer to it as a "place of fast moving water." Early settlers may have mispronounced this word, leading to the anglicised "Saratoga."

Once discovered by settlers, accounts of its healthful benefits caught on in a big way. Even George Washington was an advocate of its restorative powers, High Rock Springs in particular, and tried (unsuccessfully) to purchase the land with the spring in 1783, but others had already secured the titles.





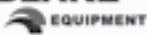
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Taking The Waters

Over time, the extraordinary and sensational claims regarding the benefits of Saratoga mineral water multiplied. Doctors recommended "taking the waters" to cure kidney and liver complaints, rheumatism, diabetes, heartburn, scrofula, dyspepsia, cancer, malaria, hangovers and "weakness of women." While none of these claims could be proven, visitors kept coming to enjoy the waters! Even the first part of Saratoga's slogan - "Health, History, Horses" - specifically references the supposed value of the waters!

By the middle of the 19th century, Saratoga had become "The Queen of Spas." During the rest of the 1800's and early-to-mid 1900's, Saratoga was the place to see and be seen. The Gilded Age saw prominent guests such as the Vanderbilts, the Whitneys, JP Morgan, and "Diamond Jim" Brady frequenting Saratoga.



Actress Lillian Russell spent time here; there's even a restaurant in her namesake.

The Hall of Springs and its three bubbling fountains became a popular evening gathering place for the "who's who" of vacationing Saratogians. Many visitors believed

bathing in the Saratoga Springs mineral water would ease tension and a host of other ailments. The bathhouses, including the Lincoln Bath House and Roosevelt Baths were incredibly popular, and always filled with patrons.

There remain two locations for Saratoga mineral baths: The Roosevelt Baths and Spa at the Gideon Putnam Resort (located within the Spa State Park) and

the Crystal Spa on South Broadway in downtown Saratoga Springs. Today, each bathhouse consists of individual rooms with bathtubs where you can soak privately in the effervescent water. 💧



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Wellness Report

Prayers and well wishes go out to **Dan Shultes** and his family. Dan is the main pump person of **Aqua-Tec Water Services** who was recently diagnosed with ALS (*Lou Gehrig's Disease*). Dan is the son-in-law of **Kristen and Walter Wyckoff**.

Well wishes are also extended to **Tony Ferraioli** who continues to recover from shoulder surgery.

Wishing **Tim Utter** a speedy recovery from his knee surgery. 🗨️

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

Condolences

The ESWWDA wishes to extend its sympathies to the family of **Marjorie L. Beal**, wife of the late **Malcolm Beal** of **P.F. Beal Well Drilling** in Brewster, NY.

Marjorie passed away at home on April 5th with her family at her side. Services were held on April 9th.

Donations in her memory may be sent to **Hospice Care, Westchester/Putnam, Inc.** 540 White Plains Rd. Tarrytown, NY 10591.

Mrs. Beal was 94 years young.

Our deepest regrets to the family of **Howard L. Goss II** formerly of **Ground Water Supply** and **H&H Drilling**.

Howard passed away suddenly on April 27, 2019 at the age of 61. A celebration of life was held on May 5, 2019 in Charlestown.

Howard is survived by his wife, Julie Ann, 3 children and 5 grandchildren.



The ESWWDA wishes to express its deepest sympathies to the family of

Rikki J. Bruckman, age 67, of Caledonia, died peacefully Friday, April 12, 2019 at her residence.

She is survived by her husband, **David Chugg**, her parents, Charles and Joy Bruckman of CA, brother, Monty (Lorraine)

Bruckman of NM, nephews, Charles and Monty Bruckman.

Rikki was born May 14, 1951 in Hastings, NE the daughter of Charles and Joy Ford Bruckman. She was the Owner, Trainer and Instructor for **RB Dressage** in Caledonia. Rikki was a longtime member of the **Genesee Valley Riding & Driving Club**.

Calling hours were held on Wednesday, April 17, 2019 from 4-7 PM at the Rector-Hicks Funeral Home. Memorial Services will be held at the Farm at a date to be announced in the spring.

In lieu of flowers, memorials may be made to the **Genesee Valley Riding & Driving Club**, PO Box 499, Geneseo, NY 14454.

Our condolences to her family and friends. 🗨️



Scholarship Money Available

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

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

Albert H. Mack Scholarship Guidelines

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

A. Scholarship Fund

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

B. Awarding of Scholarships

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

Important Contacts:

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

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

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

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- Engineers & Hydrogeologists
- Contractor Associates
- Student Associates

Send us your events!

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

UPCOMING EVENTS

June 21-22, 2019 (Fri-Sat)

ESWWDA Summer Meeting

Saratoga Spa State Park in the Carlsbad Pavilion, Saratoga Springs, NY from **12 – 6 PM**

A barbecue will be held at 1 PM, cost \$40.00 per person, children under 10 are free. Soda and water will be provided. *BYOB for alternative libation. Reservation must be in by June 1st (845)225-3196 or Julie@nywelldriller.org.*

A block of rooms has been reserved at the **Holiday Inn** in Saratoga Springs for **\$179.00 per night** by calling **1-518-584-4550 or 1-855-592-8367**,

or by email www.saratogahi.com.

Deadline for making reservations is May 31st.

We will be showcasing the **Saratoga Mineral Springs** on Saturday, June 22nd beginning at 11 AM, gathering in the park at the **Creekside Classroom** for a walking tour.

*** For more information contact

Janice Hawk-Baldwin at **518-885-7952**.***

October 18-19, 2019

(Fri-Sat)

ESWWDA Fall Meeting

Ellicottville area
Details to follow.

December 3-5, 2019

NGWA Groundwater Week

Las Vegas, NY 89109

Reservations: Westgate Las Vegas; see www.ngwa.org for details

January 14-15, 2020

ESWWDA Annual Meeting

Turning Stone Casino, Verona, NY
A room block has been made, *mention the ESWWDA when booking.*

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