New Jersey GROUNDWATER

www.njgwa.org

Second Quarter 2012

President's Message

In This Issue...

President's Message 1
Officers
NGWA News3
Quick Recovery, part 25
Hand on the World 7, 9

Welcome members and guest of the New Jersey Ground Water Association. As President of our association I would hope that as the year 2012 progresses it finds us all

a little busier than many of us have been. The dry conditions of this spring has already shown an impact on our industry, folks are drilling irrigation wells

"Keep New Jersey's most precious natural resource safe;

New Jersey Ground Water."

again, and as long as oil is at the price it is, folks are continually looking at geo-

thermal as an option, so for the first time in a while it seems all have some work to look forward to.

Our lobbyist, Paul Bent, has been very busy behind the scenes for our association in keeping us up to date with current legislation which could

affect us all. One very important action we are following now is new HVAC regulations which could have an impact on those of us involved in the geo-thermal field. I will be attending an upcoming meeting with the HVAC council to present our concerns. Also Paul has a meeting scheduled with the Assistant Commissioner of NJDEP in May which I will also be in attendance to ensure our voice and position on NJDEP issues is heard.

As we continually monitor these important issues which affect us all as an industry, let us all remember that collectively we can all work together for the betterment and protection of our industry and the future of the same. Let us all remember also that we are all Professionals and our actions whether in the field, the office, or in correspondence and comments reflect us all as members of the New Jersey Ground Water Association. Over the years we have gained and earned a great deal of respect from State officials, other contractor groups and law makers, keep that in mind when dealing with those groups.

Lets keep our most precious resource safe; New Jersey Ground Water.

Gary D. Poppe, President New Jersey Ground Water Association

This year's \$1,000 scholarship winners:

Ryan Dillon – High Point University, High Point, N.C.

Jason Poppe – The College of New Jersey, Ewing, N.J.

Ryan Sullivan – University of Rhode Island, Kingston, R.I.

Jenna Tambasco – Ithaca College, Ithaca, N.Y.

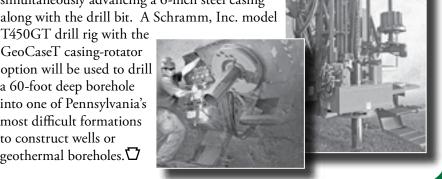
We wish them success in all their endeavors.

2012 PGWA Summer Field Conference Mark your calendars for June 15, 2012

Go to www.pgwa.org for more details.

We are going to demonstrate air-rotary drilling through caving overburden conditions by simultaneously advancing a 6-inch steel casing

T450GT drill rig with the GeoCaseT casing-rotator option will be used to drill a 60-foot deep borehole into one of Pennsylvania's most difficult formations to construct wells or geothermal boreholes.





(973) 835-6600 (800) 835-0777

FAX (973) 835-7414

MORRIS industries, inc.

Your Complete Source For All Ground Water And Environmental Products

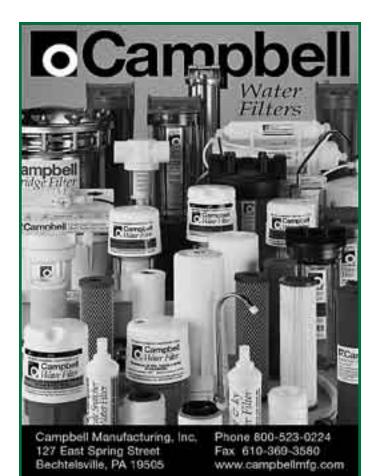
George Berry Bill Snyder P.O. Box 278 777 Route 23 South Pompton Plains, NJ 07444

> (856) 829-2020 Fax (856) 829-1040

S_F SHAFFER co., INC.

The Proven Leader For All Your Water Systems, Geothermal, and Environmental Well Supplies

2209 Lenola road, Cinnaminson, N.J. 08077



Samuel STOTH₂OFF Co., Inc.

....Since 1886

Water & Environmental Drilling, Pump Sales & Service, Borehole Video, Tank Sales & Installation, Hydrofracturing, Water Treatment Equipment Sales & Service, Geothermal Distributor: Flint & Walling, Deming, Hydromatic

PO Box 306, 59 State Highway 31 Phone: (908) 782-2116 E-mail: info@stothoff.com

Flemington, NJ 08822 Fax: (908) 782-9528 Web Site: www.stothoff.com



Applications Include:

Hydrological Testing • Injection/Withdrawal/Environmental
Grouting/Sampling/Geotechnical • Hydrofracturing
Mechanical Integrity Testing • Reline Casing
Standard/Custom Sizes/Materials
Call 1-866-314-9139 • Phone: 1-618-281-9416 • Fax: 1-618-281-9473
www.tamintl.com/hydrological

Rentals Available • Same Day Shipping



Manufacturer of Pre-Pack Screens

- ♦ 4" Pre-Pack NOW AVAILABLE
- Standard Pre-Pack

When You Would Set A Traditional Well

Economy Pre-Pack

When Cost Is A Factor

♦ 20% Open Area High Yield Pre-Pack For Use In Low Yield Wells

All Stainless Steel Pre-Pack

For Aggressive Groundwater Environments

♦ Non-Metal Pre-Pack

When Metal Components Are Not Compatible

Annular Seals

Foam Bridges, Bentonite & Quick-Sleeves

Custom Pre-Packs and Bentonite Packs

A Johnson Screens Distributor

We Stock Geoprobe* Compatible Supplies & Tooling

Proactive Pumps Master Distributor*

Toll Free 1-888-240-4328

Phone: 1-609-631-8939 • Fax: 1-609-631-0993 ectmfg.com • proactivepumps.com • torquerplug.com



President
Gary D. Poppe

Kaye Well Drilling 732-928-1233

Vice President Joseph Neri

Allstar Drilling & Probing 973-580-5432

Secretary

George Berry

Morris Industries 973-835-6600

Treasurer

Carol Graff

CSG 609-393-4442

*Membership*Doug Walker

M&R Soil Investigations 609-677-6564

Board of Directors

Dermot Dillon

SGS Environmental 609-294-1110

John Murtha

Pickwick Well Drilling 732-938-5300

John Robbins

Robbins Water Service 609-268-2040

Dave Lyman

Samuel Stothoff 908-782-2116

Denis Crayon

Summit Drilling 800-242-6648

Immediate Past President

Ben Primost

Pickwick Well Drilling 732-938-5300

Newsletter Committee

Chairman

George Strycker

Yorgey Supply NJ 732-423-0521

Governmental Affairs

Ben Primost

Pickwick Well Drilling 732-938-5300

National Scene

Art Becker

SGS Environmental 609-294-1110

Advertisements

George Berry

Morris Industries, Inc. 973-835-6600

NGWA "National" News

The 2012 NGWA Fly In was a success.

Members from across the USA attended the event and participated in visiting their respective legislators to represent our industry. The weather in DC was great and that always makes for a more pleasant event. The NGWA's new lobby firm did an excellent job of setting up and assisting with this event. My hat is off to all NGWA staff and volunteers who made this event a great success.

Did you know 34 states require continuing education for well drilling professionals. I didn't realize there were so many. New Jersey has a continuing education law but no regulations. NJDEP is working on developing a continuing education program prior to the beginning of the next license cycle. I support this and think it is good for our industry.

Revisions to NJAC 7:9D continues to be a focal point at NJDEP. Staff is continuing their efforts to thoroughly revise our regulations to better serve our industry and the citizens of New Jersey. Your support of this revision is critical in the process. Many sections of our regulations are antiquated and no longer make sense in this changing industry. I cannot over emphasize the need for the industry members to write letters

to the NJDEP Commissioner stating their support for these revisions. I don't want to see the revisions watered down by NJDEP not applying the priority to the revisions that it deserves and the industry deserves. Do your part and write a quick letter. I am willing to help anyone with this effort.

I will be traveling to the NGWA Ground Water Summit in California in early May. I am looking forward to this event. Marvin Glotfelty, the 2012 McEllhiney Lecturer and I will be presenting an 8 hour program on drilling technology. This will be a lot of fun and I hope attendees will enjoy our presentation.

If there is anything I can do or anything the NJGWA needs my input on just contact me. I can be reached at 609-548-1983 and my e-mail is art.becker@sgs.com. I will not know all the answers to all your issues but I will research those issues with NGWA staff and get the answers to you.

Get involved, its' your Association, its' your industry!!

Art Becker, 2011 NGWA President

609-548-1983 (cell) art.becker@sgs.com

NEW JERSEY GROUND WATER ASSOCIATION

Dates for 2012 Meetings

Quarterly Meetings

Third Tuesday of March
Third Tuesday of May
Third Tuesday of September
Third Tuesday of November
11-20

Directors Meetings

Second Tuesday of February 2-14
Second Tuesday of April 4-10
Second Tuesday of August 8-14
Second Tuesday of October 10-9
One Month Prior To Regular Meeting Dates:

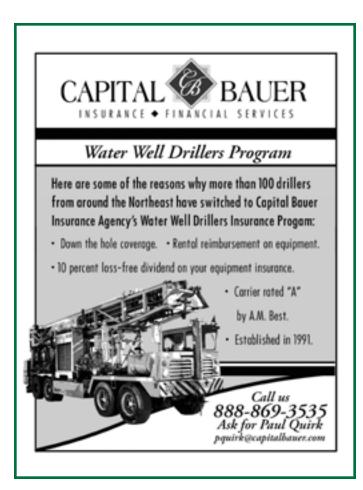
The New Jersey Ground Water Association newsletter is published quarterly.

Deadline for copy and advertising is February 15, April 15, August 15, and October 15, 2012.

Please contact George Strycker for article submission at 732-423-0521

or e-mail GStrycker@aol.com. For information on placing an advertisement,

please contact George Berry at 973-835-6600 or e-mail FLHR94BERRY@aol.com.



We Have Moved To Serve **You** Better

<u>YORGGY SUPPLY</u>

WHOLESALE DISTRIBUTOR NJ

- Pumps and Water Systems
- Constant Pressure Drives
- Water Treatment Equipment
- Environmental Well Products
- Sewage and Effluent Systems
- Geothermal Loops and Fittings

866-YorgeyNJ • 609-801-0771 • 609-801-0772 fax

89 Willow Grove Road, Shamong, NJ 08088



1561 Pulaski Highway • P.O. Box 98 • Bear, DE 19701 (302) 834-1311 • Fax (302) 834-0716

16816 So. Dupont Highway • Harrington, DE 19952 (302) 398-3704 • Fax (302) 398-3716

* 15 Tomlinson Road • Huntingdon Valley, PA 19006 (215) 947-7900 • Fax (215) 947-9907

* 3001 Montrose Avenue • Reading, PA 19605 (610) 929-0100 • Fax (610) 929-9230

258 Donahoe Road • Greensburg, PA 15601 1-800-581-5113 • (724) 552-0240 • Fax (724) 552-0249

9694 Rt. 322 • P.O. Box 157 • Shippenville, PA 16254 1-800-360-4678 • (814) 226-5070 • Fax (814) 226-7961

104 Railroad Street • Bedford, PA 15522 (814) 623-2290 • Fax (814) 623-8892

Huyett Business Park
Hagerstown, MD 21740 • 16051 Business Parkway
1-877-558-0089 • (301) 790-0088 • Fax (301) 790-0098

Delaware Plumbing

2309 North Dupont Highway • New Castle, DE 19720 (302) 656-5437 • Fax (302) 656-4309

WWW.AQUAFLOW-PUMPS.COM



Ensuring a Quick Recovery from a Claim – *Part 2*

By Paul Quirk, CIC, Capital Bauer/Gallagher Drillers Insurance Program

In the last issue of Holetalk I shared a few thoughts for how to manage your way through a property claim. This month I'd like to give you a few things to think about when dealing with a liability claim.

First we need to make sure we understand what we mean by liability and how you are covered for liability claims. A liability is a thing for which someone is responsible, i.e. other people or their property. Therefore liability insurance is the tool that provides coverage for claims arising from injuries or damages to other people or property through your negligence. In other words liability insurance is your protection in the event that you cause harm or injury to another person or their property. Liability insurance comes in many forms including general liability, auto liability, or even pollution liability just to name a few.

The easiest way to understand how

liability insurance works is by example so here's a scenario. A contractor drills a new well, installs the pump, tank, and water softener for a homeowner. Something goes wrong and the customer's basement ends up flooded. Now you have a property liability claim. What happens next? Since the homeowner required the contractor to give them a certificate of insurance prior to starting the work they have all the information they need in order to call the contractor's insurance carrier to start the claim. The claim is assigned to an adjuster and the process of determining who was negligent and how much it'll cost to bring the homeowner back to whole begins.

During the claims handling process you'll want to provide the adjuster with all the information you have about the job that was done including what was installed, when, and by whom, supplier and manufacturer names,

and contact information along with any manufacturer warranties. If it is determined that the contractor who installed the system was negligent then the claim will be paid for by the contractor's insurance carrier. If negligence on the contractor's part can not be determined then the claim will be paid by the homeowner's insurance carrier. Keep in mind that the key part of this entire process is determining who the negligent party is.

Having an insurance carrier who is willing to fight for you and force claimants to prove negligence is very important and will save you money by protecting your claims history. If you've had claims paid that you thought shouldn't have been give Capital Bauer a call. Our carriers know how important it is to fight for our drillers and keep your claims expenses down. Until the next time be safe and don't go down the hole without the right coverage.

The Sign of Service. The Symbol of Quality.



Engineered Fluid Solutions Customized to Maximize Borehole Value

Local Contact

Dennis Duty 540.729.0483

Grouts • Drilling Fluids • Well Cleaning Chemicals

Baroid Industrial Drilling Products
Product Service Line, Halliburton
877.379.7412 or 281.871.4613
www.baroididp.com



7822DT Track 7720DT Track 6620DT Track 54LT Track 54TR Tractor 540MT Portable 420M Portable Simco 2800

Leasing • Training
Job Placement

Your One-Stop Geoprobe® Rental Resource!

long term discounts, slide hammers, grout pumps, tooling, liners & more



info@geoproberentals.com









Hand On The World Global Inc. Sussex County Humanitarian Leader Rachael Paulson And Her Non-Profit Group Makes A Difference A World Away

www.howglobal.org

Jennifer Jean Miller

SPARTA, NJ – Rachael Paulson of HOW (Hands on the World) Global was extremely surprised when she was the recipient of the Sussex County Chamber of Commerce's Humanitarian Award at the recent Quality in Business Quality in Living 27th Annual Awards Dinner on March 29, an occasion that brought each member of the chamber in the room to their feet for a standing ovation, after listening to Paulson's story.

Paulson was recognized by the chamber for her humanitarian efforts locally, in helping through her non-profit group to raise funds for a burn victim in Sparta, for another resident's cancer treatments, and for raising funds for Sparta residents devastated by floods in 1999.

And on a global level, literally, HOW Global helped to bring running water to South African villages where women and children were foraging for water from mud holes.

Paulson met with The Alternative Press to share more about how local efforts with HOW Global have changed the lives of those who she has mentored locally, and, the lives of more than 20,000 children, who now drink from a running, clean, water source.

The heart of Paulson's project was born, however, almost 20 years ago, when the certified early childhood and special education teacher was approached by her then two-year-old daughter, Danielle, about the pile of newspapers ready for recycling in their kitchen. She decided to create a story for her daughter, and son Mikey, in a format in which they could understand the importance of recycling and caring for the earth.

The result was her book, "Johnny & The Old Oak Tree", the first book in the Hands on the World Environmental Series, where a young boy, Johnny (the character name Paulson chose in memory

of her brother), befriends an oak tree in his backyard, and the new friends embark on an adventure on how to better the world. Paulson continued the pair's story in her second book, "Sir Johnny's Recycling Adventure".

Both books were embraced by the publisher, which donated the recycled paper to print it, and donated copies to school libraries nationwide.

Paulson, in turn, became respected in the field for her recycling education programs, teaching the principles of the book to students from around the country.

She would also take the book into poor communities around the country to help teach children in lower-income areas.

"I found it was very easy to find community support," Paulson said, when local merchants would contribute financially to her programs.

Fundraising was a skill she developed in this time, using her book as a platform to raise funds for various causes, something, which would help her later with HOW Global.

Paulson's books became recognized by world leaders including Barbara Bush, Al Gore, and Colin Powell, and have since been translated into Spanish, Zulu, and Russian.

Her books opened up doors for her involvement with the United Nations, and in 2000, was part of an environmental conference, presenting a workshop in England to 125 world leaders. Her daughter, then 12, and daughter's friend, attended with Paulson.

When Paulson returned to the United States, she started a youth group, Global Kids, with her daughters' friends, who assisted with presenting the message on the importance of caring for the earth.

Through contacts Paulson made at the

UN conference, she helped to coordinate a visit of 26 students from Africa, who attended local schools in Newton and Sparta.

The African connection, and her interest in writing a book about water led to her next project in 2006, a project that would change her faith, as well as the faith, and lives of many others.

It was one of her contacts at the UN who told Paulson about the plight in KwaZulu Natal in South Africa.

"Did you know that there are 700

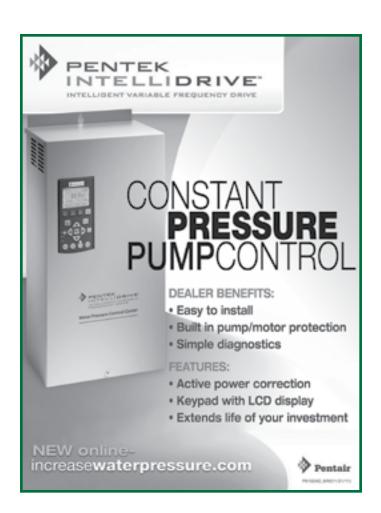


school villages where no one has running water, and kids are drinking from mudholes?" Paulson recalled from the conversation.

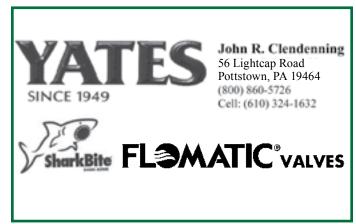
Paulson soon found herself on the phone with one of the school villages' principals, who told Paulson in the 100-year history of their school, they have been waiting on the promise of running water for the last 50 years.

She contacted a local drilling company, and there were many phone calls made, and Paulson inquired the cost to equip the school village with running water,

Continued on page 9













Continued from page 7

which the company quoted \$20,000.

Paulson believed she had to see this for herself, and, in order to experience it for her book, she needed to go to South Africa, and soon hopped on a plane, with loved ones behind at home in doubt at the time any of the efforts would make a difference.

Paulson, however, knew she was on to something when she stepped off of the plane.

"I can't explain, but I felt like it was my life calling," Paulson said. "You get that sense you know what you were put on this earth for."

Paulson arrived at the school village, and, the school, an enchanted cottage, with a small garden used to feed local orphans.

"The children were carrying dirty water to water to plants," Paulson said.

The villagers warmed up to her right away, in spite of the Zulu and English language barriers, and an interpreter helped to bridge the gap.

Paulson followed women and young girls on their trek to carry water. She asked the women if they did this because it was part of their heritage.

"They looked at me like I was crazy," Paulson said. "They told me, 'our backs are broken. We spend six hours a day walking for water. Little girls are leaving their homes and schools to do this."

The trek turned into a treacherous hike over hilly terrain to locate the source.

Paulson was astonished by what she was greeted with.

"It was a mud hole with animals drinking out of it," she said. "It was hard to see we would allow this to take place."

While on her trip, Johnson & Johnson in South Africa had provided Paulson with \$9,000 to conduct her educational workshops. She now knew what this money should actually be earmarked for.

"When I saw those kids drinking from those mud holes I thought, 'I need to do something about this."

She reached out to the drilling company and told them she was in South Africa, and asked if they could drill for the source at the school. As fate would have it, the company had a job cancellation not far from the school, Paulson said, and would have a truck there in two days.

Paulson delivered the news to the principal, alerting him to remove the fence on the property, or the drilling truck would mow it down.

"The principal thought I was nuts," Paulson said, indicating he continued to pat her on the arm, nodding his head, saying, "OK".



At a bed and breakfast where Paulson stayed, the owners laughed at her.

"You live in the states, do you know how hard it is to get a contractor on time?" they asked Paulson. "Here it is 500 times worse."

Paulson was the one with the last laugh, when the drilling company showed on the appointed day at 10am, plowing the fence down.

The village was filled with excitement, and, Paulson taught the students to chant in English, "We want water!"

Local newspapers, news stations, and government leaders poured in, and Paulson led a community meeting. Villagers were clapping and cheering, and, one of them said she was, "Moses brought from afar".

The drilling took place all day Wednesday, Thursday and Friday, with Paulson scheduled to leave on Sunday.

The project had exceeded its budget, and the \$8,000 was completely exhausted.

"This was a moment that changed my life," Paulson said. "I had to give up control and realize that maybe I wasn't the person to bring water, but bring hope."

She spoke with the drilling company.

"'We are emotionally invested in this, we have to continue with this project," they told Paulson. The company promised their time through Saturday.

Yet, no water flowed.

"See, we told you so," the bed and breakfast owners chided.

Paulson received a call as she was headed to the airport, and was told to return to the school.

When she did, the valve was released, and water, and stone started flying out.

"It was a moment that changed my life," remarked Paulson, who elatedly hopped on to her plane picking pieces of rock from her hair.

"Everyone who didn't believe in me, now believed in me," she said.

Her original Global Kids group reunited and mobilized behind Paulson, raising enough funds for the continuation of the project, and Paulson returned with them to South Africa.

She was pleased to see the results on her trip back.

"They doubled the garden for feeding the orphans, everything I did, they expanded it by five times," Paulson said.

Since 2006, eight school villages and the villages' 20,000 residents now have running water. The idea has continued to expand to other countries including Ghana and Haiti.

And the organization continues to raise funds, as well as use Paulson's books and mentoring example, to change one village at a time into a green hub, and safe haven.

Paulson has raised more than \$200,000, and has never accepted a salary for the work since the inception of the 2006 project.

In the first school village, the women's lives alone have been changed, and empowered, said Paulson, as girls and ladies are now free from the excruciating labor of hauling the water.

"Water is my tool for connecting to whatever voice is needed," said Paulson.

For more information about HOW Global, click here to access the organization's website.



NJGWA, c/o Doug Walker 6604 Delilah Rd., Suite 3 Egg Harbor Twp. NJ 08234

Quarterly Meeting

May 15, 2012

Mastori's Restaurant & Diner Rt. 206 & 130, Bordentown, NJ

6:00 p.m. Cocktail Hour **7:00 p.m.** Dinner

Guest Speaker: Paul J. Bent

Pathways Government Relations

"Revisions to the State Well Drilling Regulations and the HVACR Rule Proposal"

R.S.V.P. Yorgey Supply, NJ **609-801-0771**

Support the Manufacturers that Support our Association

Company Name	Contact	Products
Acker Drill Co.		Drill Rigs & Drilling Equipment
Capital Bauer	Paul Quirk	Insurance, Financial Services
CETCO	Todd Tannehill	Drilling Fluids, Grouts, Polymers, Well Rehabilitation
Franklin Electric	Jim Hartmann	Submersible Motors, Submersible Pumps and Controls
Franklin Pumping Systems	Jim Sacriponte	Pumps Motors and Controls
GEFCO- George E. Failing Co	Rocky Milano	Drill Rigs
Goulds Water Technology	Joe Daley	Pumps, Motors & Controls
Mid-Atlantic Sales	Herb Hughes, Jr.	Charter Plastics, Inc., Merrill Mfg.
Mill Pond Mechanical Sales	Gary Brill	Florida Heat Pump, Viega / Vanguard, Heat Pump - Radiant Heat Supplies
N. H. Yates Company	John Clendenning	Danfoss Flomatic, Cash Acme - Sharkbite
Northeast Drill Supply	Gerald Parker Jr.	Reichdrill Inc.
Numa	Ted Foust	DTH Hammers and Bits
Pentair Water	Bill Beyer	Aermotor/Sta-Rite Pumps
Probe Support Services	Mike Biegel	Geoprobe Rentals