HOTEL: COURTYARD MARRIOTT
– Reserve room by October 23, 2007 to receive the special rate
411 Kentucky Drive
Kokomo, Indiana 46902
Reservations: 765-453-0800
IGWA Rate: $79.00/night sgl/dbl
Rate includes one Breakfast Buffet
When making reservations, please refer to group code IGWG or the Indiana Ground Water Association Convention.
The Courtyard Marriott is located on US 31, 2 miles south of the Johanning Civic Center.

CONVENTION AND TRADE SHOW:
JOHANNING CIVIC CENTER
1500 N. Reed Rd. (US 31)
Kokomo, Indiana 46901
Ph: 765-455-9999
Located on US 31 (Reed Rd) at the north end of Kokomo.

BANQUET: PASTARRIFIC
3001 S. Webster
Kokomo, IN 46901
Ph: 765-455-1312
Located on Webster, west of US 31/ LaFountain/S. Washington and south of West Lincoln Road.
(south of the Johanning Civic Center and north of the Courtyard Marriott)
For directions use www.mapquest.com

Registration form see page 3!
**SPEAKER HIGHLIGHTS**

**Seminar A: How To Size A Pump And Use On A VFD**
Presented by Brian Kibiger, Franklin Electric
Brian will troubleshoot VFD’s and pump systems.

**Seminar B: Downhole Video Technology in 2007**
*Presented by Steve Strong, Laval Underground Surveys*
Traces the development of downhole video camera to the high-end systems as well as the portable less expensive systems. Learn what can be done with a camera (besides fishing for a lost tool) and understand how it can be a profit-making part of a driller or pump installer’s regular business plan. Steve is the Product Manager for Laval Underground Surveys, and has worked in this industry for 7 years. Laval was the first company to take an interior photo of a water well, and has manufactured portable and van-mounted well camera systems for the past 60 years.

**Seminar C: Intro to Drilling Fluids**
*Presented by Brock (Bo) Yordy, Halliburton Baroid IDP*
Learn to identify most problematic types of soil and the proper drilling fluid to implement. It will encompass all aspects of mud rotary and be beneficial to new and seasoned drillers with table demos.

**Seminar D: Drill Rig Performance through Plumbing**
*Presented by Fred McAninch*
Fred is co-owner with wife, Joan, of The Rig Doctors since 1991. They provide repair and field services on all brands of rigs and components.

**Special Guest:**
*John Pitz, N. L. Pitz, Inc., Batavia, IL and NGWA Director*
John’s father started the well drilling business in 1946 and John purchased it in 1976 after resigning his commission in the Marine Corps. He has worked tirelessly with the Illinois Water Well and Pump Installation Contractor’s Licensing Board and the National Ground Water Association. His dedication to professionalism of the ground water industry is exemplary.

**We wish to acknowledge the contribution of the IGWA 2007 Convention Committee.** They are:
- Chair - Joe Armstrong, Armstrong Well Drilling
- Randy Auferheide, Dean Well Drilling
- John Baker, Dilden Brothers
- Don Findlay, Dilden Brothers
- Joan McAninch, The Rig Doctors
- Dan McCreadie, Kokomo Pump & Supply
- Brad White, RJM Sales & Marketing

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- Grundfos Pumps
- Laibe Corporation
- Pentair Water
- Preferred Pump
- The Rig Doctors
- Water-Right, Inc

**TRADESHOW PRIZES SPONSORED BY IGWA EXHIBITORS**
Attendees must visit each booth to receive a stamp on their card. Three $100 and four $50 Gift Certificates will be awarded and redeemable with any Supplier exhibiting at the Convention. Additional Door Prizes will be available! Must be present to win.
**Register by October 31st**

First 75 registrants will be eligible for a drawing to win $200 cash!

**IGWA Convention 2007 Registration Form**

Please print legibly in black ink

Name/s: ___________________________________________ ___________________________________________

Company: __________________________________________________________________________________

Address: ____________________________________________________________________________________

City _______________________________ State _______________ Zip __________________

Phone __________________________ Fax __________________________ Email _______________________

___ IGWA Member ___ NGWA member ___ Non-member ___ New IGWA member application enclosed

---

**Fee Structure Education and Trade Show**

**IGWA & NGWA Members**

___ @ N/C Water System Professionals/Drilling Contractors – FREE if registered by October 31st*  
___ @ $5 if after October 31st

*Special Bonus: The first 75 people to register by October 31st will be entered in a drawing for $200 cash door prize to be awarded at the conclusion of the trade show—Must be present to win!!!

**Non-Members**

___ @ N/C Water System Professionals/Drilling Contractors – FREE if registered by October 31st*  
___ @ $10 if after October 31st

*Special Bonus: Non-members to register by October 31st will be FREE courtesy of Preferred Pump & Equipment. Join the IGWA and receive an additional special discount opportunity from Preferred Pump & Equipment

**Government Agencies/Not for Profit**

___ @ N/C

**Manufacturing/Suppliers Member/Non-Member**

___ @ $350 Full registration to all events – pre-registration required – not available at the door

**Exam and Review Opportunities**

___ I will attend the REVIEW for the Indiana Water Well Drilling License Exam and Introduction to the NGWA Well Construction and Pump Installation Certification Program – Courtesy of the DOW  
___ I will sign up for the Indiana Water Well Drilling License EXAM – must pre-register and pay through DOW at www.in.gov/dnr/water/ground_water or call (317) 232-4160 toll free 1-877-928-3755  
___ I will sign up for the NGWA Well Construction and Pump Installation Certification EXAM must pre-register and pay through NGWA certification@ngwa.org or call 800 551.7379 or (614) 898.7791  
___ I will sign up for the NGWA Master Ground Water Contractor (MGWC) EXAM must pre-register and pay through NGWA www.ngwa.org, contact certification@ngwa.org or call 800 551.7379 or (614) 898-7791

The registrations above INCLUDE break refreshments, lunch and reception at the Johanning Civic Center.

___ @ $25 per person Members Reception and Banquet at Pastarrific sponsored by Atlas Copco  
___ @ $35 per person Non-members

**TOTAL SUBMITTED – make check payable to IGWA**

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Submit registration form to: IGWA, 7915 S. Emerson Ave., Ste 132, Indianapolis, IN 46237-9708 or fax 317-889-3935 – Questions??? Phone 317-889-2382 or toll free 888-443-7330

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**Fall 2007 3**
MEMBERSHIP APPLICATION

Name: ________________________________________________________________
Company: _____________________________________________________________
Address: ______________________________________________________________
City, State, Zip: ________________________________________________________
Phone: ____________________________  Fax: _____________________________
E-mail: ____________________________  Website: _________________________

Membership Categories:
Contractor $150 ____  Technical $150 ____
Manufacturer/Supplier $150 ____  Additional Member $25 ____

Additional Member Names: _____________________________________________
                                                                 ____________
                                                                 ____________
                                                                 ____________

Payment Type: Check only ____ (Make check to Indiana Ground Water Association)

Mail registration to: Indiana Ground Water Association
7915 S. Emerson Ave., Suite 132, Indianapolis, IN 46237-9708

MEMBERSHIP CATEGORIES
• Drilling Contractor Member & Employees
• Manufacturers & Suppliers
• Technical Organizations
• Lifetime Members

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INDIANA GROUND WATER ASSOCIATION
MEMBERS URGENT RESPONSE REQUESTED!

Call for Nominations—Officers and Directors at Large for 2008

If you are interested or would like to nominate someone to serve on the IGWA board, please submit your nominations by October 31st, 2007

Write in candidate/s – I would like to nominate:
Nominee’s name: ________________________________
Nominee’s Company: ________________________________
For the position of - (please check one)
Officer: ____ (Circle one Pres, Vice Pres.); Director at large: ____

Your Name (please print): ________________________________
and Company (please print): ________________________________
Your Signature __________________________________________

Fax to: 317-889-3935  Questions, call: 888-443-7330
Mail to: 7915 S. Emerson Ave., Indianapolis, IN 46237
Email: ingroundwater@msn.com • www.indianagroundwater.org

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Please visit us on the web @ www.preferredpump.com

MEMBER REQUESTS

Help IGWA celebrate 75 years of
ground water history with a
“Trip Down Memory Lane”!
We need old photos, newsletters or
any type of memorabilia to celebrate
the IGWAs 75th anniversary. Please
mail your items to Dan McCreadie,
Kokomo Pump & Supply, 804 W.
Morgan, Kokomo, IN 46901 or call
him at 765-457-9143 – please submit
them by Monday, November 5th.
All items will be returned if properly
marked with name, phone and
mailing address.

IGWA Scholarship Silent Auction
We are requesting donations for
the auction which will be held at
the convention on November 15th
in Kokomo. Please contact Joan
McAninch, The Rig Doctors, 1412 S.
CR 1050 E, Indianapolis, IN 46231
call 317-389-7534.
WHAT ARE INDIANA’S RULES FOR BECOMING A WATER WELL DRILLER?

A person may not be a water well driller in Indiana without a license issued by the DNR Division of Water. To qualify for a water well drilling license, a person must

1. Be at least 18 years of age;
2. Furnish statements from three references, two of whom are water well drillers or licensed plumbing contractors familiar with the applicant’s work experience, and professional competency;
3. Pass a competency examination prepared and administered by the DNR Division of Water (for which there is a $25 fee); and
4. Pay a fee of $100 for the initial license, and a $100 renewal fee each year.

The Division of Water sends applicants a free packet that includes study materials (the Indiana drilling statute and rules), forms, and an information sheet. The Division usually offers five exams during the year—at the Indiana Ground Water Association conference and at the Government Center South in Indianapolis in April, June, August, and November.

A well driller must keep an accurate record for each well drilled and submit a copy of the well record to the DNR Division of Water within 30 days after completing the well.

Most licensed well drillers install pumps in the wells they drill. However, pump installation is not regulated by the Indiana well drilling statute and rules, and pump installation is not a licensed profession.

FRIEND OF IGWA PASSES

Bruce Thomson of the Division of Water with the Indiana Department of Natural Resources passed away on July 4th after a long battle with cancer. A memorial service was held at St. Andrew Presbyterian Church in Indianapolis on Sunday, August 5th.

Donations may be made in his honor to: Camp Pyoca, 886 E. County Road 100 South, Brownstown, IN 47220. IGWA has made a contribution to Camp Pyoca, Brownstown, IN in his honor.
WATER SYSTEMS COUNCIL RE-RELEASES BOARD BOOK TO EDUCATE YOUNG CHILDREN ON WATER WELLS

Water Systems Council (WSC) has published a board book, *The Big Rig*, to introduce young children to the water cycle and how water wells are drilled. First published in March 2006, the book includes facts about groundwater use, colorful photographs, and illustrations showing the water cycle and how a well provides water to a home.

*"The Big Rig is a fun way to teach children about wells,"* says WSC Executive Director Kathleen Stanley. Shaped like a drill rig, *The Big Rig* also stands on six rolling wheels. Copies can be purchased for $5.95 ($4.46 for WSC members) through the wellcare® hotline at 888-395-1033.

WSC is a national nonprofit organization dedicated to promoting the wider use of wells as modern and affordable safe drinking water systems and to protecting ground water resources nationwide.

INDIANA GROUND WATER ASSOCIATION OFFICERS AND BOARD OF DIRECTORS 2006-2007

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**Local Contacts**

Bo Yordy (513) 314-5930  
John Christ (513) 617-2900
NATIONAL LEGISLATIVE UPDATE
Excerpt from “Outcomes” a newsletter for state associations courtesy of the National Ground Water Association

BE THE LEADING ADVOCATE FOR RESPONSIBLE USE AND PROTECTION OF GROUND WATER

On July 27, the House of Representatives passed its version of the Farm bill, H.R. 2419. The bill includes a provision extending the Household Water Well Loan Program an additional five years. In addition, not-for-profit organizations interested in administering the loan program could meet the required 10 percent matching contribution, through in-kind rather than cash contributions. This change is intended to allow smaller entities to potentially participate. The Senate is expected to begin its Farm bill review after the August Congressional recess.

The House passed Energy bill would promote the use of geothermal heat pumps in federal facilities. The bill, H.R. 3221, passed on August 4 as Congress left for the August recess. The Senate passed energy bill includes a similar provision, which holds promise that the measure will be included if a final bill makes it through Congress and is signed by the President. Additionally, the House bill makes geothermal heat pumps eligible technology under an energy bond program.

Besides the above initiatives, NGWA is also working to promote business and residential tax credits similar to those offered to solar and wind technology. The goal is to help NGWA members, and through their work help address the nation’s energy needs. NGWA’s heat pump conference attendees were asked to write their Congressional members supporting.

The latest update on the expected USGS report on the source water quality of domestic wells is that a revised draft is expected in October. It would then go out for colleague review at that time. The author is making the report more “user friendly” and plans to be a little “clearer on study results and the significance of those results.”

S. 1911, introduced on August 1, would require a health advisory, drinking water standard and reference concentration for trichloroethylene vapor intrusion. The measure was referred to the Senate Committee on Environment and Public Works.

In late July, the U.S. Court of Appeals for the District of Columbia ruled that the Federal Motor Carrier Safety Administration (FMCSA) did not follow proper procedures in issuing its 2005 federal hours of service rules. The court action vacates several rule provisions, including increasing the driving time from 10 to 11 hours and the 34-hour restart of cumulative hours. The ground water industry’s limited relief — which allows for a 34-hour restart — is granted in statute and cannot be removed by Department rulemaking. However, the Department must address other parts of the rule that may impact the membership. Additionally, if FMCSA cannot support the 34-hour restart generally with their models and data, it would certainly undercut any arguments we would have if outside groups asked Congress to eliminate the industry’s limited relief. FMCSA issued the following statement: “We are analyzing the decision issued today to understand the court’s findings as well as determine the agency’s next steps to prevent driver fatigue, ensure safe and efficient motor carrier operations and save lives. This decision does not go into effect until September 14, unless the court orders otherwise.”

Several court cases have thrown into question what waters are covered under the Clean Water Act. The court cases focused specifically on dredge and fill activities in wetlands. While Supreme Court Justice Scalia, in his opinion, tried to differentiate between dredge and fill activities and other water quality programs, the same definition of waters is used for issuing National Pollutant Discharge Elimination System permits and other CWA programs such as storm water. The Supreme Court opinion was also split, so there is no majority opinion around the same rational, leaving it uncertain as to how to define and identify the waters that are covered. Several bills have been introduced in Congress to “bring things back to the way they were prior to the Supreme Court decision”. There is uncertainty, however, with the bill language. One item of uncertainty is whether ground water would be covered under the proposed legislation, making it subject to federal regulation. Questions have been posed as to the bills’ impacts on water rights or well permitting programs. NGWA is researching the issue further, contacting other organizations and the bill sponsors through the Association’s lobbying firm.
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IGWA VOLUNTEER SIGN UP FORM

The Indiana Ground Water Association serves its members through education, promotion, and representation. The planning and implementation of most IGWA activities is handled by volunteer groups. All groups are supported by IGWA staff. IGWA Committees have ongoing, results-oriented tasks. The interaction between group members promoted effective planning and evaluation of tasks.

You can help!
Sign up now! Review the list of committees below and check off those of interest to you. Return this form to the IGWA office and you'll receive more information about your area of interest.

Volunteer Sign Up Form
I am interested in volunteering to work on the following areas:
- **Awards Committee**: Develop awards program.
- **Communications Committee**: Establish objectives of quarterly newsletter, annual membership directory and website and develop advertising sales strategies.
- **Education Committee**: Works to enhance educational opportunities for all members of the industry, ranging from those with extensive practical experience to new members of the industry.
- **Legislative/DOT Committee**: Commit to involvement with local, state and federal officials. Develop grass roots efforts to involve membership.
- **Membership Committee**: Promote the IGWA by securing new members and assisting current members through providing member services.
- **Meeting/Convention Committee**: Planning and organization of Annual Meeting, Convention and Seminars.
- **Exhibit Committee**: Plan and conduct the premier trade show for the industry in Indiana.
- **Scholarship Committee**: Raise funds to support the annual scholarship awards.

Name: ______________________________________________
Firm: _______________________________________________
Address:  _____________________________________________
City, State, Zip:  _______________________________________
Telephone: ___________________________________________
Fax: ________________________________________________
Email:  ______________________________________________

My primary area of business (check all that apply):
- Contractor
- Manufacturer/Supplier
- Technical

Return form to IGWA, 7915 S. Emerson Ave., Suite 132
Indianapolis, IN 46237 or Fax: 317-889-3935
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**WATER WELL WEB VIEWER**

**A New Tool Available from the Division of Water**

*By: Monique Riggs, Division of Water/Driller Licensing Program Coordinator, Indiana Dept of Natural Resources*

The Indiana Department of Natural Resources (IDNR), Division of Water is pleased to offer the availability of a new electronic resource that combines water well records and current mapping systems into a useful tool called “Water Well Web Viewer.”

This new tool should prove very useful to Hoosier well drillers by facilitating access to well record data while being able to view the location of the well on a map simultaneously. The user will be able to navigate smoothly between map and well record and back again, gaining insight to what might be expected at the next drill site.

The Water Well Web Viewer allows the user to select and display the plotted water wells, both consolidated and unconsolidated, on a map type of choice, be it USGS topographic quadrangle or 2005 aerial photos. The user will then have the ability to add layers such as the Public Land Survey System (PLSS), highways, roads, and incorporated areas. Through an “identify” function users can view some of the most requested well record data including well depth, bedrock and aquifer elevations, pump test rates, static water levels, location information, as well as link directly to the entire well record.

The Water Well Web Viewer also allows users to create interactive queries (user created searches), analyze spatial information, view and print maps, and see the results of all these operations right from a personal computer.

The application is available by navigating your web browser to the Groundwater/Wells or Water Availability/Use/Rights menu selections on the Division of Water homepage (www.in.gov/dnr/water) and selecting Water Well Web Viewer from the drop-down lists. A link is also available from the water well record online database search page.

The following list is a brief description of tools available for using the Water Well Web Viewer. These tools work only on the “active” layer. Only one layer can be active at a time, but the user can toggle between active layers with the click of a button. If further assistance is needed while using the application, a help window is readily available by clicking on the help button.

```
Switch between LAYER LIST and SYMBOL LEGEND

Turns OVERVIEW MAP on and off

Drag box or click on map to ZOOM IN

Drag box or click on map to ZOOM OUT

Zoom to FULL EXTENT of all Layers

Zoom to the PREVIOUS EXTENT

Open the ZOOM TO COUNTY tool

Click and drag on map to PAN

IDENTIFY: Click this tool then on a feature from the active layer and view its attributes in the data box below the map.

Click to open the QUERY design tool in the data box
```

Be sure to catch the DOW’s complete presentation at the IGWA 2007 Convention.

---

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**FALL 2007 11**
MESSAGE FROM THE PRESIDENT

Dear IGWA Members and Water System Professionals,

At this time preparations are well under way for our first displaying convention in many years. The planning is coming together and most booths are already committed. Now comes the hard work, we have the vendors, manufacturers and suppliers support so we are already guaranteed a financial success, however, without the contractors all of this will go for nothing…PLEASE mark you calendars for November 15th, come to this convention, go to the seminars, network with industry professionals and support the IGWA.

We have made many positive strides this year; increased membership, received support through sponsorships from great manufacturers and suppliers, but this is, after all, a contractors association and we need more contractor support. I have said many times that there is strength in numbers and more contractor numbers is what we need. Talk to your friends in the industry and your competitors. Encourage them to participate by joining the IGWA and by volunteering to help grow this 75 year old association.

This will be my last couple of months as your President and I want to thank you for this opportunity. My service has been very rewarding and has paid me in spades for the time I spent volunteering for this organization. I would really like to thank Donna Sheets and Julie Gillen of DBS and Associates for keeping me on track and taking care of all the details. A special thanks to the convention committee who has worked very hard on your behalf—Joe Armstrong, Randy Aufderheide, John Baker, Don Findlay, Brian Kibiger, Dan McCreadie, Joan McAnich and Bo Yordy. Please shake their hand and thank them at the convention. Lastly, I want to thank everyone else who volunteered their time and served on a committee or as a board member.

Brad White
RJM Sales and Marketing