



FYI - Small Systems

Small Systems Committee
INDIANA SECTION AWWA

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September, 2007

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FYI

A new opportunity for your utility!! The Indiana Water/Wastewater Agency Response Network (InWARN) was launched during a recent ceremony at the Statehouse. This is a formalized system of “utilities helping utilities” to deliver mutual aid to members in need during emergencies or natural disasters. There is a permanent website being developed that will be hosted by the Indiana Association of Cities and Towns. Until this site is up and running, however, you can access the information thru AWWA’s website (www.inawwa.org) or Indiana Rural Water Association’s website (www.indianaruralwater.org).

We encourage all of you to take advantage of this valuable tool for your utility’s emergency preparedness.

We have covered a variety of topics in this issue – IDEM Updates (lots of information) Winterizing Tips -- Long Term 2 Enhanced Surface Water Treatment Rule – Rates – Environmental Legislative Issues – Pandemic Preparation – Mark Your Calendars. We encourage you to share this with your Board and others.

Please let us hear from you. Contact any Small Systems Committee member to seek assistance, ask questions, or give your input on items you would like to see in upcoming editions of FYI-Small Systems.

WHAT'S UP WHAT'S NEW - IDEM

The ground water rule (GWR) implementation will be here before you know it. The GWR, which was finalized in November 2006, will provide for increased protection against microbial pathogens in public water systems that use ground water as a source of drinking water. Public water systems need to begin actions to comply with the GWR in December 2009. There are three new final guidance documents available to help systems prepare. These guidance documents are the *Source Water Monitoring Methods Guidance*, the *Consecutive System Guide for the Groundwater Rule and Complying with the Groundwater Rule: Small Entity Compliance Guide*. You can find them on EPA’s website at <http://www.epa.gov/safewater/disinfection/gwr/compliancehelp.html>.

Complying with the Ground Water Rule: Small Entity Compliance Guide, provides a step-by-step guide to the GWR requirements and how they apply to small public water systems. The Consecutive System Guide for the Ground Water Rule describes the specific responsibilities of both wholesale providers and consecutive systems which purchase water from wholesalers and provides recommendations to help them meet those responsibilities. The Ground Water Rule Source Water Monitoring Methods Guidance Manual includes information about the basis for ground water monitoring, how to determine the appropriate fecal indicator for monitoring, and how the different analytical methods work.

Wellhead Protection, remember that? It’s been a while since most of the small water systems submitted their Phase I Wellhead Protection Plans. Changes in the Safe Drinking Water Act initiated rules at the state level and by 2004 almost 70% of the small supplies had approved Phase I Plans. Your Community’s Phase II Wellhead Protection Plan could come due anytime between 2011 and 2016, depending upon when your community submitted their Phase I report. Don’t wait until the last minute to review, update and revise your current plan. IDEM recommends that

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InWARN — Indiana Water/Wastewater Agency Response Network

To make statewide emergency response efforts quicker and more effective, the Indiana Water/Wastewater Agency Response Network (InWARN) was launched on August 29, 2007 during a ceremony at the Statehouse.

Modeled after current networks in Florida (FlaWARN) and California (CalWARN), these formalized systems of "utilities helping utilities" deliver mutual aid to members following man-made emergency situations or natural disasters. InWARN's launch date was selected in remembrance of the second anniversary of Hurricane Katrina's landfall on the gulf coast, a time when FlaWARN helped utilities in Mississippi and Alabama recover in the aftermath of the storm.

"While it is very unlikely that utilities in Indiana will ever be damaged by a major hurricane like Katrina, the state's water and wastewater systems can and have been damaged by tornados, floods, ice storms and earthquakes," said Stan Diamond, InWARN Steering Committee chair. "By establishing partnerships and response plans now, utilities and other associations are doing their part to protect the well-being of Hoosiers."

InWARN will allocate utility personnel with the appropriate expertise, equipment and tools where needed to assess and assist the impacted water and wastewater systems in getting their systems operational as quickly as possible. This method of assistance is analogous to triage at a hospital.

Utilities interested in joining the network can do so by completing the Mutual Aid Agreement (MAA). The InWARN network will be managed by the steering committee, working in cooperation with the Indiana Department of Environmental Management. IACT will serve as the network administrator during the first year, developing and maintaining the network's Web site, processing the mutual aid agreements, managing the member database, and supporting other needs.

Utilities and associations interested in joining InWARN should contact Brandon Cockrum, IACT, at (317) 237-6200, extension 234, or bcockrum@citiesandtowns.org.

You can also visit the Indiana Section AWWA website (www.inawwa.org) or the Indiana Rural Water Association website (www.indianaruralwater.org) to download information and a membership application.

WHAT'S UP WHAT'S NEW - IDEM (Continued)

(Continued from page 1)

you meet regularly with your local planning team to keep your delineations, source inventories, public education plans, emergency response plans, and other management strategies up to date. Keeping copies of changes, meeting minutes, and other documentation will make your Phase II reporting easier. For more information, check out IDEM's web page at <http://www.in.gov/idem/programs/water/swp/whpp/>.

The Field Inspection Section has undergone some staff changes. Shawn Flaningam of our Southwest Regional Office has left the agency. We are please to have found Karla Goodman to fill that position. She has the same contact information as you had for Shawn. Her office phone number is 812/380-2314. Karla is in training, but please feel free give her a call with any questions. Anything she can't answer immediately, she will find out and get back with you. It is a good training exercise for her and an opportunity for you to meet her.

Dan Plath out of our Northern Regional Office has taken another position in our Northwest Regional Office. In part he is working as the Lake Area Management Plan Coordinator. We have conducted the interviews of potential candidates and hope to have that person on board soon. In the meantime Bill Morgan and Lucio Ternieden are filling in.

Julie Vanaman is our new section secretary. Can't run without good clerical help and we found a good one with Julie. Her phone number is 317/308-3299. If you can't reach the Field staff in an emergency, call Julie and she can page them for you.

I have attached a list of inspector county assignments. This is current, but as training progresses and our second vacancy is filled, there will be some changes. We have not yet updated the map, but will do so when the dust settles. As always you may contact me, Liz Melvin, at 317/308-3366 or by e-mail at lmelvin@idem.in.gov if you have any questions.

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WINTERIZING TIPS FOR WATER UTILITIES

Before long the cold winter air will be hitting us in the face. The question is: Are you prepared for the bitter cold weather that will come and can cause you so many problems? The purpose of this article is to get you brainstorming what areas you might have in your water system or community that could be potential problems or risk due to the cold weather. Here are a few areas that we need to check in our community and water utility, we call it our winterizing checklist.

- Start working on your winterizing checklist before the cold weather sets in. Set a deadline for when this checklist should be completed. (we use October 31.)
- Check for fire hydrants that do not drain properly. You may have notes on these from your flushing program; if not, it may take awhile to check all of your fire hydrants so start early. Once you have identified the problem hydrants, you need to pump them down at least 3' below ground level. You will want to check these problem hydrants a couple of days after pumping them down to see if water is leaking by the main seat and filling the barrel of the fire hydrant back up.
- Check any areas in which you may use heat tape. You will want to make sure that the heat tapes are working properly. If the heat tape is 3-4 years old you may want to strongly consider replacing that heat tape.
- Does your community have park restrooms or water fountains that need drained or winterized?
- Your water tower is one of your biggest assets and should be a concern during the winter months. You can vary the water level in your tank on a daily basis to keep from having major freezing problems. If your tank overflows on a regular basis, you need to correct the problem before the hard winter gets here. (A water tank can collapse with excess ice build-up.)
- Do you have an auxiliary heat source available in your well house in case power would go off for more than a couple hours?
- If you have any machinery that stays out in the weather or is in an unheated garage, be sure to check anti-freeze strength, it should be down to at least -25 degrees F.
- Winterize mowers and equipment that will sit all winter. Gas stabilizer in October makes things so much easier in April.
- Check insulation and weather-stripping on all facilities in order to reduce the cost of heating those spaces.
- Inspect your facilities for small openings where mice and other small animals could find their way into the facility. In addition to the health concerns from their droppings, mice can cause a lot of damage.

While conducting winterizing inspections, this would be a good time to check security needs for each site.

- Secure accessways with chains and/or locks
- Clear fences and make sure they are properly maintained
- Close and lock gates
- Make provisions for proper snow removal if access is needed during the winter
- Make sure any security or freeze alarms are all operational
- Remind your seasonal customers of some winterizing tips for their home when they call in for their seasonal disconnect. (Draining of water line, *if they don't have hot water heat of course*, turn back thermostat on furnace and hot water heater.)
- Find out an approximate return time of your seasonal customer to be verified with a phone call. Just in case of a problem you should see if they will give you a phone number so they can be contacted in case of an emergency.

LONG TERM 2 ENHANCED SURFACE WATER TREATMENT RULE REQUIREMENTS FOR SMALL SURFACE WATER PUBLIC WATER SYSTEMS

Summer 2007

What is the Long Term 2 Enhanced Surface Water Treatment Rule?

The Long Term 2 Enhanced Surface Water Treatment Rule (LT2) was promulgated by EPA in January 2006 to help protect the public from illnesses associated with *Cryptosporidium* and other disease-causing microorganisms in drinking water. The rule requires testing of raw source water at all public water systems using surface water and may require installation of additional treatment, depending on the results of the testing.

As a small public water system using surface water or ground water under the direct influence of surface water, what are my requirements under this rule?

Surface water systems serving < 10,000 people who do not wholesale their water have the following initial source water monitoring options under this rule. (Information on your option must be reported to EPA by July 1, 2008).

1. Test for *E. coli* – dependent upon results, monitoring for *Cryptosporidium* may or may not be required (see below).
2. Bypass *E. coli* testing and go directly to *Cryptosporidium* monitoring (see below).
3. Commit to installing additional treatment (at least 5.5-log of treatment for *Cryptosporidium*) – no source water monitoring would be required. **Contact Stacy Jones at IDEM – (317) 308-3292 or sjones@idem.in.gov for more information.**

1) If I choose to test for *E. coli*, what are the requirements?

E. coli testing from your raw water source would be required beginning **October 1, 2008**. Sampling would be required every 2 weeks for 12 months. If your system does not operate year-round, then *E. coli* monitoring would be required every 2 weeks while in operation. After 12 months of *E. coli* monitoring, you will calculate an average *E. coli* concentration. If your annual average *E. coli* concentration is greater than:

- 10 *E. coli* / 100 mL, for systems using lakes or reservoirs
OR
50 *E. coli* / 100 mL, for systems using flowing stream sources,

then you will be required to test for *Cryptosporidium* beginning no later than April 2010.

If you miss any *E. coli* monitoring, you may also be required to conduct *Cryptosporidium* monitoring.

Note: *E. coli* analysis must be performed by a certified laboratory that can enumerate the *E. coli* concentration. A

When am I required to do this testing?

If you choose to monitor for *E. coli*, your sampling schedule and sample location description are due by **July 1, 2008**. If you choose to bypass *E. coli* testing and monitor for *Cryptosporidium*, you must notify EPA by **July 1, 2008**, and submit your sample schedule and sample location description by **January 1, 2010**. If you choose to install additional treatment, you must notify EPA by **July 1, 2008**, and have treatment installed by **October 1, 2014**.

Please contact IDEM if you have any questions on this rule.

Stacy Jones sjones@idem.in.gov (317)308-3292
Adrian Lugo alugomar@idem.in.gov (317)308-3285

2) What are the *Cryptosporidium* testing requirements?

For year-round systems, *Cryptosporidium* testing is required from your raw water source either twice each month for 1 year or once per month for 2 years beginning in **April 2010**. For seasonal systems, *Cryptosporidium* testing is required from your raw water source twice each month during the period of time the system is open from April 1, 2010 to March 31, 2012. If the system is open for fewer than 3 full months, then a minimum of 6 samples must be collected during each calendar year. These samples must be evenly spaced throughout the monitoring period. **During each sampling period, samples must be collected for *E. coli* and turbidity as well as *Cryptosporidium*.**

After all samples are collected, an average *Cryptosporidium* concentration is calculated to determine bin classification and if any additional treatment is required.

A list of laboratories certified to test for *Cryptosporidium* can be found on EPA's website.

Yasser Elkhatib yelkhati@idem.in.gov (317)308-3303
Peter Poon ppoon@idem.in.gov (317) 308-3328

WHERE IS THE MONEY? PART V OF THE SERIES - RATES

By Bryan Forkner

This article is the fifth in a series discussing rates for small system water and wastewater improvements. The first four articles laid the basis for evaluating the current state and future needs of the utility, communicating the needs for improvements to elected officials and rate payers, evaluating different funding mechanisms, securing the funds to pay for these improvements. This article will briefly describe why the need to increase rates, determining what is needed, defining costs, operating history, growth-selling the idea.

When determining or evaluating the existing rate base of a utility, the utility must evaluate the objectives that are to be achieved. The main objects of most utilities are to provide adequate service to its customers, ensure proper operation and maintenance (O&M), development and longevity of the system, and preservation of the financial security of the utility.

In most utilities, rates make up nearly all of the total revenue. When conducting a study on how much to increase rates, the following factors need to be taken into consideration: Overhead Expenses, O&M expenses, Capitol Improvements, Debt Service, Equipment, Taxes if not a municipally owned utility, and Shareholder return for private utilities. Other factors that affect the rates are the age of facilities, age of the distribution system, the size and characteristics of the service territory. The characteristics of the service territory range from an area that has little growth to an area that has substantial growth. For these communities with mid to substantial growth there are various opportunities to supplement the utility with other revenue streams, such as availability fees, connection fees, reimbursement agreements and subsequent connector fees to help offset expenses of the developer and the utility.

The best way to set rates for utilities is to phase in the rates over time. This can be accomplished by every couple of years incrementally increasing rates. This can be accomplished by taking this to the authorizing body every time rates are to be raised or presenting this incremental increase on time and phasing it out over a period of time in the future, such as 10, 15, or 20 years. With this approach, a utility has to have a good handle on the expenses over a certain period of time. Another way to save costs is to look at how the billing of revenues is accomplished. Most utilities bill monthly, however, if the cost of billing is expensive, a utility may consider billing every other month in order to defer the billing costs.

Other ways to increase revenues is to look at all opportunities that are available which may or may not affect the rate payer such as calculating proper EDU usage for each new customer, calculating irrigation EDU's, yearly inspection fees for irrigation systems, service line protection programs, public fire hydrant line item for rate payers, fees for private fire service charge and meter size charges.

PANDEMIC PREPARATION

By: Ed Rock; Emergency Management Director of Kosciusko County

President Bush has tasked EPA to serve in a leadership role in protecting and assisting the Nation's critical drinking water and wastewater (water sector) infrastructures to maintain operations in the event of an avian flu or human pandemic outbreak.

The paragraph above was taken from EPA's website, and while it is a great idea to have a lead for the country's drinking and wastewater systems, we must remember that these services take place at the local level with local resources. If you have done any research on pandemics, you will find that the most critical resource which will be affected will be your employees. Estimates suggest that up to 30% of the population will either be too sick to show up for work or they may not report because they are providing care for a sick loved one. Another reason may be the most powerful incentive of all, fear. Look at what our wastewater systems are doing – anything someone doesn't want in their home or business they ship to our wastewater systems and we are expected, no, required to deal with it. The load on water and on wastewater will be compounded during a pandemic with the need for more cleaning and more sterilization, while our staffing could conceivably be at its lowest in history.

So what is the answer? Unfortunately it isn't our neighbor, that person in the next city or town that has helped us out in a pinch before. Sorry, but he or she will be struggling with the same staffing problems we are experiencing. This means it is on our shoulders. Here are a couple of suggestions:

First, develop a Continuity of Operations Plan (COOP). Your local Emergency Management Agency should be able to direct you to some websites or documents that will help you get this developed.

Second, consider training one or two part-time employees or other staff to perform the critical functions that will allow us to continue to supply the services we, as a local entity, must have to survive. Be creative, come up with an idea to supply our necessary services with less manpower than we currently have, and then share that idea with those around you.

Thanks for everything you do!

ENERGY & ENVIRONMENTAL GAME: FOLLOW THE BOUNCING (VOLLEY)BALLS

By Vince Griffin, vice president of energy and environmental policy;
Indiana Chamber of Commerce

Following the many environmental and energy bills through the 2007 session was like watching a volleyball game where every player had their own ball and they were all hitting them at once. If you focused really hard, you could actually follow one or two, but no way could you keep track of the complete game. In the energy area, there were multiple bills related to mandated renewable/green energy, “trackers” for federally required pollution control devices, ethanol incentives, cellulosic research, clean coal technology incentives, energy conservation and biofuels.

Not to be outdone, the environmental volleyball game featured the perennial underground storage tanks (UST), excess liability trust fund adjustments, ethanol UST standards, brownfield program enhancements, clarifies who can bring an environmental legal action (ELA), regional sewer districts, control of water supplies and study of future use, “poisoning” a water supply system, emergency rule adoption of a federal law, restructures the recycling grant board and program (including tire reuse), restrictions on solid waste permits, establishes a violation/penalty schedule for environmental crimes, plus confined animal feeding operations (CAFO). Thanks to the higher profile issues like property taxes, cigarettes, slots and that \$26 billion budget, the energy and environmental issues did not garner much press – which is usually good news.

Energy

Let’s take a closer look at the energy volleyball game. A great deal of attention and effort was invested in a mandate for “green” energy. In the end, similar language existed in HB 1824 and SB 206 – both of which eventually died. Rep. Dale Grubb (D-Covington) was the energetic player/coach for the “Team Green” advocates. The advocates for the mandate wanted a graduated percentage of green/renewable electric power by a certain date. The power industry players wanted a lower percentage and ability to track the expense. The Indiana Chamber expressed concern about a possible increase in rates and reliability and the additional annual 500 megawatt demand for electricity. Also contained in these bills was a provision to allow the power companies to track expenses related to federally mandated pollution control devices. While these measures did not pass this year, watch for a return match in 2008.

The energy bill that did manage to get the serve over the net was HB 1722, Utility Matters, authored by Rep. Russell Stillwell (D-Boonville) and sponsored in the Senate by Brandt Hershman (R-Monticello). The measure was heavy on tax credits that promoted cellulosic (not corn) ethanol, synthetic gas from coal, Energy Star heating and cooling systems, and the inclusion of organic waste biomass (aka “poop-to-power”) as an allowable alternative energy source. The Chamber worked with many players to craft a bill that in the end provided a fair compromise and promoted energy production in Indiana.

Water

As Mark Twain said upon his return from California, “Whiskey’s for drinking and water’s for fighting.” Water is certainly an issue that touches both energy and environmental fronts. Rep. Peggy Welch (D-Bloomington) served up HB 1738, Water Resources, in the House and it was sponsored in the Senate by Beverly Gard (R-Greenfield). The bill started out as a hard spike shot that would have placed restrictions on the movement of water from one utility to another. However, the two authors cooperated to redraft the bill to require a fair level of notice and communication when water is being transferred. The Chamber opposed this element of HB 1738 as unfairly restrictive to our water resources. Representative Welch worked with the Chamber on language in HB 1738 to correct a provision in the Environmental Crimes SB 286 that better defined a “poisoning” of a water system. Without this fix, virtually any drinking water system operator or wastewater discharge could have been deemed a poisoning by an uninformed court, resulting in a felony charge. This summer, the water volleyball game will resume as HB 1738 directs the Legislature’s Water Resources Study Committee to “study and make findings and recommendations concerning” current and future water resource allocations and distribution in the state. This is a very critical matter for all of Indiana business as our state grows and water resources become stretched. The Chamber will work closely with this study committee.

Confined Animal Feeding

Those concerned with CAFO in Indiana had no less than eight balls flying around the court at the beginning of the match. In the end, there was only one in SB 431 that was being served up by Sen. Gard. The Chamber supports the CAFO industry as an important part of our state’s economy and testified that there are adequate rules and regulations on the books that should be uniformly and fairly enforced. Also, those that violate those rules should be prosecuted. Indiana presently has over 2,300 CAFOs and is fast becoming one of the nation’s primary dairy states. As the game clock was winding down, only SB 431 remained and the pivotal issue was how far should a CAFO be required to “set back.” The set-back proponents wanted one mile. Senator Gard held firm that local communities should establish set-backs that best fit their community. The Chamber is opposed to such set-backs. SB 431 died in conference committee but watch for its return next year.

Environmental Crimes

After serving up the same legislative volleyball for at least eight sessions, Sen. Luke Kenley (R-Noblesville) was successful in moving his Environmental Crimes bill in SB 286. The Chamber supported Sen. Kenley’s efforts as a way to develop a fair envi-

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WATER FOR PEOPLE EVENTS:

There are a number of upcoming events to benefit Water for People. We encourage you to support this worthy cause by attending and participating in these activities and by sharing this information with your friends and family that might like to be involved as well.

September 15, 2007 – Wright Brothers Concert in Garfield Park; Indianapolis, Indiana with proceeds to benefit Water for People. Contact: Steve Hadley of Water Solutions at 800-359-3570 or visit www.inawwa.org

October 25, 2007 – Wright Brothers Concert – Memorial Coliseum -- Evansville, Indiana with proceeds to benefit Water for People. Contact: Duane Gilles at 812-305-6684 or dgilles@amwater.com; or visit www.inawwa.org

ENERGY & ENVIRONMENTAL GAME (Continued)

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ronmental violation/ penalty schedule. The Chamber participated in the Environmental Crimes Task Force that held numerous meetings over the last two years to develop the schedule. In testimony, the Chamber noted that this legislation to establish a penalty schedule for criminal violations is designed for the more egregious occurrences and that there exist serious civil penalties for less serious environmental events.

Environmental Fees

The administration's Environmental Fees increase bill (SB 432) cleared the Senate net but was spiked by the House Ways and Means Committee – and did not resurface. SB 432 would have raised water and waste environmental permit fees. The Chamber opposes any fee increase unless there has been a demonstrated need, for which there is a level of accountability for the use of those additional funds and an opportunity for the Legislature's Environmental Quality Control Council (EQSC) to have a thorough vetting of the fee increase rationale. We also support the Indiana Department of Environmental Management (IDEM) reporting back to the EQSC, and that the money realized be used for those IDEM activities directly related to that respective permit. The Chamber also believes that cost of administering a permit should be shared by the permittee and the public in that both benefit from that service. It is expected that there will be a review of the fee increase issue by the 2007 EQSC.

Environmental Law/Rulemaking

HB 1192 (Environmental Law) was a simple lob put up by Rep. John Ulmer (R-Goshen) to require a higher level of notice related to UST leaks. As we have seen in past sessions, simple bills often become an environmental Christmas tree bill. Ulmer's HB 1192 passed with sponsorship by Sen. Gard and contained multiple issues including: UST leak notice requirements; adjusting payments from the excess liability fund (ELF); establishes standards for ethanol USTs; broadens the uses and availability of money to clean up brownfields; provides immunity for communities investigating or remediating a brownfield; eliminates the requirement that a person that brings an environmental legal action (ELA) be a private person and that person may bring an ELA regardless of whether or not the person "caused or contributed" to the condition; and places restrictions and requirements on regional sewer districts affecting sewer connections. The Chamber worked with multiple parties to craft language that would be fair to Indiana business.

Senator Gard, obviously, had quite a full plate this session, and SB 154 and SB 205 were two of her bills that she authored and worked to get passed as well. The Chamber worked with her and House members to identify reasonable language to protect Indiana business. SB 154 allows for an emergency rulemaking procedure to adopt federal laws; dissolves the Recycling and Energy Development Board and creates a new Recycling Market Development Board under IDEM; and adjusts the use of the waste tire fund that will now be controlled by IDEM. SB 205 addressed the concern that a party could hold a solid waste/landfill permit for many years and the community could grow up around that site not knowing about the possible landfill siting. SB 205 requires owners of a landfill that has not initiated construction after five years to reapply for a permit and meet all current requirements. Also, the permit clock may be stopped pending administrative appeals or judicial reviews.

The 2007 legislative game may have ended but it has served up a number of balls that will be taken up this summer by various legislative study committees. Watch for Team EQSC to address the environmental rulemaking process, environmental permit fees and CAFO set-backs. Team WRSC (Water Resources Study Committee) will make recommendations on the state's current and future water resource allocations and distribution, as well as the use of the water in the Great Lakes basin. It is expected that the Regulatory Flexibility Study Committee will likely consider renewable/green energy.

GRANDPARENTED OPERATOR TRAINING SPONSORS

We wish to thank...

The Small Systems Committee wishes to thank the following vendors who have most generously stepped up to help sponsor the Indiana Water Operator Training workshops that AWWA/IRWA are conducting in 2007. Please express your appreciation to these wonderful companies for their support of the water industry.

Adaptor, Inc.	American Structurepoint, Inc.
B.L. Anderson Co., Inc.	Bastin Logan Water Services Inc.
Bingham McHale	Bonar Group
Caldwell Tanks, Inc.	Commonwealth Engineers, Inc.
DLZ of Indiana	Joe Dock Construction Co.
Ford Meter Box Co., Inc.	Godwin Pumps
GRW Engineers, Inc.	HD Supply Waterworks
HNTB	Ladd Engineering, Inc.
Lawson-Fisher Associates, P.C.	London Witte Group LLC
M.E. Simpson Company, Inc.	Midwestern Engineers, Inc.
NIES Engineering, Inc.	Norman Noe Co., Inc.
Peerless-Midwest, Inc.	Ortman Drilling & Water Services
E.J. Prescott, Inc.	Tritium Inc.
United Consulting Engineers	United Rentals Trench Safety
United Water	URS
Utility Supply Company	M.D. Wessler & Associates
WHPA, Inc.	

Marilyn Gambold Education Fund Grants Available!!

The Marilyn Gambold Education Fund was established to help carry on Marilyn's vision to provide educational opportunities for small systems. At this time we are able to offer grants to first time attendees at an Indiana Rural Water Association conference. Four (4) grants will be awarded per conference. These grants will cover conference registration (including offered meals), two (2) nights at the conference hotel, and an IRWA shirt.

Indiana Rural Water Association's next conference will be held December 3 – 5, 2007 at the Holiday Inn in Columbus, Indiana.

To apply for a Marilyn Gambold Education Fund grant, please visit our website – www.indianaruralwater.org – to download an application or call 866-895-IRWA (4792) and ask Mary-Jane to fax one to you.

*The **deadline** for receipt of applications for this upcoming conference is Wednesday, **November 2, 2007.***

INDIANA SECTION AWWA METER MADNESS COMPETITION - PARTICIPATE DURING THE UPCOMING DISTRICT MEETINGS

It is once again time to compete in the Indiana Section's Meter Madness Competition. These preliminary rounds will be held at each of the upcoming District Meetings. Each utility is encouraged to enter one person in the competition at the district level. The winner of each district will then compete at the Annual Conference to be held in February of 2008.

The meter to be used in the 2007 / 2008 Meter Madness Competition is the Badger Model 25, 5/8 x 3/4 displacement meter. To obtain a meter on which to practice, please contact Jeff Morris of M.E. Simpson Co., Inc. at (800) 255-1521.

Scott Ham of Silver Creek Water Corporation is the returning Champ. Scott represented the Indiana Section at AWWA's National Conference in Toronto, Canada in June of this year. Although we did not bring home the national trophy Scott made the Indiana Section proud by giving all the other sections competing a run for their money, Congratulations Scott!!!

One note to remember, the 2007/2008 National Meter Madness Competition will be held at the ACE Conference in Atlanta, Georgia. The Indiana Section AWWA donates a large portion of the travel and accommodation expenses to the lucky winner of the state competition to be held in February. So get your meters and get practicing.

Thanks to all the contestants and to their supervisors for allowing them to participate in the Meter Madness and attend the District, State and National meetings.

See you at the Fall Meetings.
Jeffrey A. Morris

Meter Madness Contest Entry Form

AWWA District: NW NE CN SW SE
(Please check district where you will be competing)

Name: _____

Job Title: _____

Representing: _____

Address: _____

City: _____ Zip: _____

Telephone: () _____ Fax: () _____

Mail, fax, or e-mail completed entry form as soon as possible to:

Jeff Morris
M.E. Simpson Company
3406 Enterprise Avenue
Valparaiso, IN 46384-1995

Phone: (800) 255-1521
Fax (888) 531-2444
jeffm@mesimpson.com

Entry form should be received prior to your district meeting.

MARK YOUR CALENDARS!! (Continued)

(Continued from page 12)

September 27-28, 2007 – Low-Pressure Membrane Technologies – Chicago, Illinois. Contact: www.awwa.org/conferences

October 1, 2007 – Stage 2 Disinfection By-Products Rule Deadline – Systems serving 10,000-49,999 people – Submit IDSE SM Plan, IDSE SSS Plan, 40/30 Certification, or Receive VSS Waiver. Contact: Peter Poon at 317-308-3328, ppoon@idem.in.gov OR Laura Spriggs at 317-308-3160, lspriggs@idem.in.gov OR Stacy Jones at 317-308-3292, sjones@idem.in.gov. Other information on the DBPR can be obtained from www.epa.gov/safewater/disinfection/stage2

October 1, 2007 – Stage 2 Disinfection By-Products Rule Deadline – Systems serving 100,000 or more people – Begin SM or SSS Monitoring. Contact: Peter Poon at 317-308-3328, ppoon@idem.in.gov OR Laura Spriggs at 317-308-3160, lspriggs@idem.in.gov OR Stacy Jones at 317-308-3292, sjones@idem.in.gov. Other information on the DBPR can be obtained from www.epa.gov/safewater/disinfection/stage2

October 2, 2007 – Indiana Rural Water Association Workshop – Excavation Safety / Competent Person Training – Bloomington, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Miller at 866-895-4792 (toll free) or 812-988-6631; or visit the IRWA website at www.indianaruralwater.org

October 3, 2007 – Regional Cooperation: What It Means, Making It Work Webcast. Contact: www.awwa.org/education/webcasts

October 3, 2007 – Indiana Rural Water Association Workshop – Water and Wastewater Pumps 101 – Warren, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Miller at 866-895-4792 (toll free) or 812-988-6631; or visit the IRWA website at www.indianaruralwater.org

October 4, 2007 - Wastewater Treatment Plant Operator Certification Examination. Application must have been post-marked by August 21, 2007. Contact: Rebecca McMonigle, IDEM, 317-232-8791, rmcmonig@idem.in.gov.

October 7 – 10, 2007 – Indiana Association of Cities and Towns – Annual Conference – Evansville, Indiana. Contact: Matt Greller at 317-237-6200 or www.citiesandtowns.org

October 10, 2007 – IDEM deadline (water) – reports due for samples collected in September 2007.

October 10-11, 2007 – Time to Renew Your Aging System: What's In Your Tool Box? – Seattle, Washington. Contact: www.awwa.org/conferences

October 12, 2007 – Indiana Section AWWA – Northwest District Meeting – Mishawaka. Contact: John Hardwick at 219-642-8412 or jahvwd@netnitco.net; or visit www.inawwa.org

October 16, 2007 – Indiana Rural Water Association Workshop – Fundamentals of Coatings for Water and Wastewater Systems (Part I) – Lafayette, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Miller at 866-895-4792 (toll free) or 812-988-6631; or visit the IRWA website at www.indianaruralwater.org

October 22 - 24, 2007 – Alliance of Indiana Rural Water Fall Conference – University Inn Conference Center; West Lafayette, Indiana. Contact: Laura Vidal at 800-937-4992 or 317-789-4200; or visit the Alliance website at www.inh2o.org

October 24, 2007 – Groundwater Treatment Operations: What The New Regulations Have Operators Doing Webcast. Contact: www.awwa.org/education/webcasts

October 23, 2007 – Indiana Rural Water Association Workshop – Backflow Prevention Workshop – Warsaw, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Miller at 866-895-4792 (toll free) or 812-988-6631; or visit the IRWA website at www.indianaruralwater.org

October 24, 2007 – Indiana Rural Water Association Workshop – Winter Maintenance of Storage Tanks Workshop – Tipton, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Miller at 866-895-4792 (toll free) or 812-988-6631; or visit the IRWA website at www.indianaruralwater.org

October 25, 2007 – Wright Brothers Concert – Memorial Coliseum – Evansville, Indiana with proceeds to benefit Water for People. Contact: Duane Gilles at 812-305-6684 or dgilles@amwater.com; or visit www.inawwa.org

October 25, 2007 – Water 101 for Sales, Marketing and Public Relations Practitioners – Chicago, IL. Contact: www.awwa.org/conferences

October 30, 2007 – Indiana Rural Water Association Workshop – Winter Maintenance of Storage Tanks Workshop – South Bend, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Miller at 866-895-4792 (toll free) or 812-988-6631; or visit the IRWA website at www.indianaruralwater.org

November 1, 2007 – Water Works Operator Certification Examination. Application must have been postmarked by September 17, 2007. Contact: Ruby Keslar, IDEM, 317-308-3305, rkeslar@idem.in.gov or Denny Henderson, 317-308-3304, dhenders@idem.in.gov

November 4-8, 2007 – Water Quality Technology Conference & Exposition (WQTC) – Charlotte, North Carolina. Contact: www.awwa.org/conferences

November 5-7, 2007 – Financial Management: Cost of Service Rate-Making – Las Vegas, NV. Contact: www.awwa.org/conferences

November 8, 2007 – Indiana Rural Water Association Workshop – Water Loss, Meters, Manhole Rehabilitation – Chandler, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Miller at 866-895-4792 (toll free) or 812-988-6631; or visit the IRWA website at www.indianaruralwater.org

November 10, 2007 – IDEM deadline (water) – reports due for samples collected in October 2007.

November 13 - 15, 2007 – Indiana Water Environment Association – Annual Conference – Indianapolis, Indiana. Contact: Gary Price at 317-685-0009 or www.indianaweaa.org

WHAT'S UP WHAT'S NEW - IDEM (Continued)

(Continued from page 2)

On November 1, 2007, we will conduct examinations for the certification of operators of water treatment plants and water distribution systems. Examinations are offer to qualified applicants for all grade levels of operators defined in 327 IAC 8-12. A three hour completion time limit has bee allotted for each grade of exam. Presently an exam site is scheduled in Indianapolis, Indiana. There is a possibility of adding sites if the number of applicants warrants additional sites. To be considered the application must have been postmarked by September 17, 2007, be complete and include the appropriate fee. If you need any further information, you may contact Ms. Ruby Keslar at 317/308-3305. If you have missed the cutoff for the November 2007 exam date the next exam is scheduled for May 8, 2008.

COUNTY	COUNTY NAME	INSPECTOR	COUNTY	COUNTY NAME	INSPECTOR
1	ADAMS	PAUL DICK	47	LAWRENCE	KEN BROWN
2	ALLEN	PAUL DICK	48	MADISON	PAUL DICK
3	BARTHOLOMEW	KEN BROWN	49	MARION	CHRIS HOESLI
4	BENTON	CRAIG LAWSON	50	MARSHALL	BILL MORGAN
5	BLACKFORD	PAUL DICK	51	MARTIN	KARLA GOODMAN
6	BOONE	CHRIS HOESLI	52	MIAMI	KIRK KUROIWA
7	BROWN	TAMARA RATLIFF-ROBERTS	53	MONROE	TAMARA RATLIFF-ROBERTS
8	CARROLL	KIRK KUROIWA	54	MONTGOMERY	KIRK KUROIWA
9	CASS	KIRK KUROIWA	55	MORGAN	TAMARA RATLIFF-ROBERTS
10	CLARK	KEN BROWN	56	NEWTON	CRAIG LAWSON
11	CLAY	TAMARA RATLIFF-ROBERTS	57	NOBLE	LUCIO TERNIEDEN
12	CLINTON	KIRK KUROIWA	58	OHIO	KEN BROWN
13	CRAWFORD	KARLA GOODMAN	59	ORANGE	KARLA GOODMAN
14	DAVIESS	KARLA GOODMAN	60	OWEN	TAMARA RATLIFF-ROBERTS
15	DEARBORN	KEN BROWN	61	PARKE	TAMARA RATLIFF-ROBERTS
16	DECATUR	KEN BROWN	62	PERRY	KARLA GOODMAN
17	DEKALB	LUCIO TERNIEDEN	63	PIKE	KARLA GOODMAN
18	DELAWARE	CAROLYN CHAPPELL	64	PORTER	PAUL MAHONEY
19	DUBOIS	KARLA GOODMAN	65	POSEY	KARLA GOODMAN
20	ELKHART	BILL MORGAN	66	PULASKI	CRAIG LAWSON
21	FAYETTE	CAROLYN CHAPPELL	67	PUTNAM	CHRIS HOESLI
22	FLOYD	KEN BROWN	68	RANDOLPH	CAROLYN CHAPPELL
23	FOUNTAIN	TAMARA RATLIFF-ROBERTS	69	RIPLEY	KEN BROWN
24	FRANKLIN	KEN BROWN	70	RUSH	CAROLYN CHAPPELL
25	FULTON	BILL MORGAN	71	ST. JOSEPH	LUCIO TERNIEDEN
26	GIBSON	KARLA GOODMAN	72	SCOTT	KEN BROWN
27	GRANT	PAUL DICK	73	SHELBY	CAROLYN CHAPPELL
28	GREENE	TAMARA RATLIFF-ROBERTS	74	SPENCER	KARLA GOODMAN
29	HAMILTON	CHRIS HOESLI	75	STARKE	BILL MORGAN
30	HANCOCK	CHRIS HOESLI	76	STEUBEN	LUCIO TERNIEDEN
31	HARRISON	KEN BROWN	77	SULLIVAN	TAMARA RATLIFF-ROBERTS
32	HENDRICKS	CHRIS HOESLI	78	SWITZERLAND	KEN BROWN
33	HENRY	CAROLYN CHAPPELL	79	TIPPECANOE	CRAIG LAWSON
34	HOWARD	KIRK KUROIWA	80	TIPTON	KIRK KUROIWA
35	HUNTINGTON	PAUL DICK	81	UNION	CAROLYN CHAPPELL
36	JACKSON	KEN BROWN	82	VANDERBURGH	KARLA GOODMAN
37	JASPER	CRAIG LAWSON	83	VERMILLION	TAMARA RATLIFF-ROBERTS
38	JAY	PAUL DICK	84	VIGO	TAMARA RATLIFF-ROBERTS
39	JEFFERSON	KEN BROWN	85	WABASH	KIRK KUROIWA
40	JENNINGS	KEN BROWN	86	WARREN	CRAIG LAWSON
41	JOHNSON	TAMARA RATLIFF-ROBERTS	87	WARRICK	KARLA GOODMAN
42	KNOX	KARLA GOODMAN	88	WASHINGTON	KEN BROWN
43	KOSCIUSKO	LUCIO TERNIEDEN	89	WAYNE	CAROLYN CHAPPELL
44	LAGRANGE	BILL MORGAN	90	WELLS	PAUL DICK
45	LAKE	PAUL MAHONEY	91	WHITE	CRAIG LAWSON
46	LAPORTE	PAUL MAHONEY	92	WHITLEY	PAUL DICK

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www.inawwa.org

American Water
Works Association:
www.awwa.org

EPA Drinking
Water Hotline:
www.epa.gov/OGWDW



MARK YOUR CALENDARS!!

To add dates to this section,
contact any Small Systems
Committee Member.

Indiana Water Operator Training for Grandparented and Facility Specific Operators – Please visit www.indianawateroperatortraining.org for a schedule of workshops. *ALL “grandparented” and “facility specific” operators are required to take one of these workshops.*

September 15, 2007 – Wright Brothers Concert in Garfield Park; Indianapolis, Indiana with proceeds to benefit Water for People. Contact: Steve Hadley of Water Solutions at 800-359-3570 or visit www.inawwa.org

September 17, 2007 – Water Works Operator Certification Examination Application submission must be postmarked by this date. The application can be downloaded from IDEM’s website at <http://www.in.gov/idem/compliance/water/index.html>. Water Works Operator Certification Examination will be given November 1, 2007. Contact: Ruby Keslar, IDEM, 317-308-3305, rkeslar@idem.in.gov or Denny Henderson, 317-308-3304, dhenders@idem.in.gov

September 20, 2007 – Indiana Section AWWA – Northeast District Meeting – Decatur. Contact: John Mugford at 260-982-2993 or jmugford46962@mchsi.com; or visit www.inawwa.org
September 23-26, 2007 – DSS: Distribution Systems Symposium & Exposition – Cleveland, Ohio. Contact: www.awwa.org/conferences.

September 25, 2007 – Indiana Rural Water Association Workshop – Wellhead Protection Phase II -- Portland, Indiana. Contact: Odetta Cadwell at 317-402-7349; MaryJane Miller at 866-895-4792 (toll free) or 812-988-6631; or visit the IRWA website at www.indianaruralwater.org

September 26, 2007 – Infrastructure Replacement: How Will We Spend \$240 Billion? Webcast. Contact: www.awwa.org/education/webcasts

(Continued on page 10)

Please visit AWWA’s website (www.awwa.org) for additional information regarding continuing education and professional development offerings. Materials and instruction are available through a variety of media, from traditional seminars to online courses, teleconferences, and webcasts.