



**Heather McLeod
Assistant
Executive
Director**

Illinois Rural Water Association was the recipient of several awards during the National Rural Water Association's Tribute to Excellence ceremonies held October 7 in conjunction with the H2O-XP0 in Louisville, Kentucky. On hand to accept these awards were the IRWA staff and several members of the IRWA Board of Directors.

IRWA was the recipient of two merit awards for their efforts in public relations and member services. Most people associate public relations with advertising but here at IRWA we believe it goes much beyond that and is tied closely to member services. Public relations among the members of the rural water family are actually the practice of unified communication(s) between an association, its members and the general public. IRWA works hard at communicating with their members and others and is honored that this hard work was recognized.

As most of you "techy" people are aware, Heather McLeod has been working hard over the past few months to revamp the association's website to make it a little more user-friendly. Not only did Heather accomplish that directive, but she ended up creating an award-winning website. Twice throughout the year, members of the NRWA awards committee will visit and score each of the state association's websites and then compare their individual scores to determine a winner. This year's winner was the website of Illinois Rural Water Association. If you haven't visited our website lately, you need to type www.ilrwa.org into you web browser to check it out. Congratulations Heather for a job well done!

While all of the rural water associations across the country may participate in legislative efforts at the Federal level an increasing number of them are beginning to take a more active role in what transpires at the state level. A couple of years ago the IRWA joined the ranks of those that have utilized the services of a professional lobbyist. This effort has not gone unnoticed by the NRWA awards committee and this year the award for State Legislative Efforts went to Illinois Rural Water Association.

Probably the most coveted award is that of association of the year and IRWA was honored to receive that award at last year's ceremony held in Reno, Nevada. NRWA has 48 member associations, so this year when the association of the year was announced and Illinois Rural Water Association was once again the recipient, it was quite a surprise and a huge honor.

After doing a little research on NRWA's website, I was able to determine that although several associations had received the award more than once, no one had received it two straight years. Congratulations go out to the Board of Directors and staff of the Illinois Rural Water Association! This was (and is) truly a team effort. Keep up the great work!

Speaking of awards, the first week of November was spent visiting the facilities of those that were nominated for plant and/or operator of the year for Illinois Rural Water Association. Once the visits had been completed a total of 1600 miles will have been logged. As in past years, the scoring and final determination of the winners has been extremely difficult. While there can only be one winner I can honestly say that there were no losers either. Every one of the sites visited and operators interviewed are certainly deserving of the award. Be sure and attend the IRWA Annual Conference in Effingham on February 16 - 18, 2010 to find out who this year's winners are.



Shown in picture above is the staff and board of directors with the awards that Illinois Rural Water Association received at the NRWA Annual Conference held in Louisville, Kentucky.

IRWA'S MISSION STATEMENT

"Protecting and preserving the water and wastewater resources of Rural Illinois through education, representation and on-site technical assistance"



1. A water tank contains 3,000 cubic feet of water. How many gallons of water are in the tank.
 - A. 35,000
 - B. 240,000
 - C. 22,440
 - D. 3,000

2. What is the Volume of water in cubic feet in a storage tank that is 30 feet in length, 20 feet in width and the depth is 8 feet?
 - A. 58
 - B. 480
 - C. 5,000
 - D. 4,800

3. In question number two how many gallons of water is in said tank?
 - A. 35,904
 - B. 40,000
 - C. 63,500
 - D. 4,800

4. How many pounds of water are in a tank that contains 300 gallons of water?
 - A. 300
 - B. 2,244
 - C. 2,500
 - D. 3,000

5. The overflow pipe on an water tower is at 80 feet, if the tower is full, what is the pressure reading at the base?
 - A. 26
 - B. 38
 - C. 34.6
 - D. 18.5

6. A 500 gallon water tank is filled in 4 minutes, what is the flow rate in gpm?
 - A. 125
 - B. 120.5
 - C. 300
 - D. 240

7. What is the surface area of a storage tank 60 feet long and 15 feet wide?
 - A. 6732
 - B. 500
 - C. 900
 - D. 1007

8. If a tank holds 1,000 pounds of water how many gallons are in the tank?
 - A. 1,000
 - B. 133.5
 - C. 120
 - D. 500



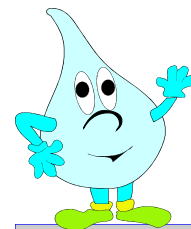
5TH ANNUAL NORTHERN CONFERENCE WRAP UP
By: Heather McLeod, Membership Services Assistant

Thank you to the 45 exhibitors and 103 attendees who came to Cliffbreakers Riverside Resort in Rockford for our 5th Annual Northern Conference held on October 20 & 21, 2009. Thanks also goes to our sponsors: American Flow Control & Stewart Spreading - Hospitality Night and Midwest Meter, PDC Laboratories & WRT - Soda Break.

The grand prize of a Bushnell Weather Station went to Dave Kent from the City of Oregon. Congratulations Dave!

We have had conflicting reports from exhibitors and attendees on which location they prefer, but they all agree that they would like to see the conference continued in the north. So, we will be doing some research into where next year's conference will be held. Keep watching the website for the latest updates.

Remember - February 16 – 18, 2010 is the 28th Annual IRWA Technical Conference at the Keller Convention Center. Exhibitor information will be going out shortly, and the attendee information should go out in December.



Remember to check out our website, www.ilrwa.org, for the latest training sessions to register for!!

Welcome New Members

Henry Gauwitz

Phil Orlikowski

Tom Wyatt

Eaton Water District

Village of Galatia

Village of Varna

Upcoming Training Sessions

WATER

January 6, 2010—System O. & M. / Regs—Mt. Vernon

January 12, 2010—J.U.L.I.E. & Regs—Carterville

January 20, 2010—J.U.L.I.E. & Regs—Paxton

January 21, 2010—Source Water Protection—Malta

Wastewater

January 14, 2010—Activated Sludge Process Control—LaSalle

January 21, 2010—EDMR/ Budget Management—Monticello

Continued from page 2—Math Certification Questions

9. A tank with a capacity of 5,000 cubic feet can hold how many gallons of water?

- A. 37,400
- B. 5,000
- C. 41,200
- D. 10,000

10. If the water level in a water tower is 92 feet, what is the expected system pressure?

- 92
- 39.6
- 50.5
- 28.7

Answers:

$$3,000 \times 7.48 = 22,440$$

$$30 \times 20 \times 8 = 4,800$$

$$4,800 \times 7.48 = 35,904$$

$$300 \times 8.34 = 2,500 \text{ lbs}$$

$$80 / 2.31 = 34.6$$

$$500 / 4 = 125 \text{ gpm}$$

$$60 \times 15 = 900$$

$$1000 / 8.34 = 120$$

$$5,000 \times 7.48 = 37,400$$

$$92 / 2.31 = 39.8$$

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Mayor Robert P. Walter Jr City Clerk Brenda DeFries City Superintendent Leroy McPherson

October 20, 2009

Mr. Frank Dunmire
Executive Director
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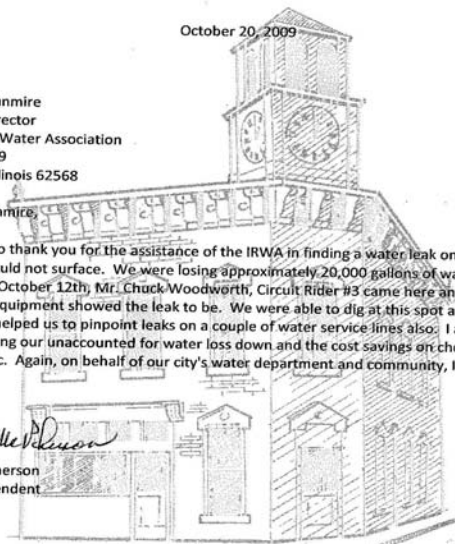
Dear Mr. Dunmire,

I would like to thank you for the assistance of the IRWA in finding a water leak on a cast iron main that would not surface. We were losing approximately 20,000 gallons of water per day. On Monday, October 12th, Mr. Chuck Woodworth, Circuit Rider #3 came here and located where your equipment showed the leak to be. We were able to dig at this spot and repair the leak. Chuck helped us to pinpoint leaks on a couple of water service lines also. I appreciate the help on keeping our unaccounted for water loss down and the cost savings on chemicals and electricity, etc. Again, on behalf of our city's water department and community, I thank you.

Sincerely,

Leroy E. McPherson
Leroy E. McPherson
City Superintendent

LEM:nw



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