

177th ANNUAL ILLINOIS POTABLE WATER SUPPLY OPERATORS ASSOCIATION CONFERENCE

September 10-12, 2008

Co-Sponsored by the Illinois Environmental Protection Agency

REGISTRATION – PRAIRIE CAPITAL CONVENTION CENTER LOBBY 8 am – 5 pm

WEDNESDAY, September 10, 2008 EARLY BIRD ENGINEERING & TECHNICAL OPERATIONS SESSION –
PRESIDENT ABRAHAM LINCOLN HOTEL - BALLROOM

- 9:00 a.m. **PERMIT SECTION UPDATE** – *Jerry Kuhn* will explain what's new and describe new procedures
9:30 a.m. **COMPREHENSIVE PERFORMANCE EVALUATION – DOES IT WORK?** *Jerry Kuhn* – Case history -
10:00 a.m. **ULTRAVIOLET LIGHT AS A TREATMENT TOOL** – *East Moline*, Calculating *Cryptosporidium* and *Giardia* credits
11:00 a.m. **PUBLIC WATER SUPPLIES REGULATION UPDATE** – *Andrea Rhodes, Lanina Schnepf, PWS*, will provide a program update, with emphasis on revised monitoring activities.
12:00 Noon – Adjournment

EXHIBIT AREA OPENS AT 10:00 a.m., Prairie Capital Convention Center Main Hall

WEDNESDAY, September 10, 2008 OPENING SESSION–PRAIRIE CAPITAL CONVENTION CENTER

- 1:30 p.m. **WELCOME TO THE 77th ANNUAL CONFERENCE** – *Stan Sayre, IPWSOA President* – Business Meeting
1:45 p.m. **USEPA UPDATE** – *Miguel Del Toral, Region V USEPA* -- Federally administered programs, upcoming changes to existing regulations, new regulation proposals expected, implementation issues
2:35 p.m. **PLUMBING CODE UPDATE** -- *Bev Potts, Executive Director IPHCCA*, will explain recent revisions to the Illinois Plumbing Code, and respond to questions regarding impacts on the water industry.
3:15 p.m. **Exhibit Area Program**
3:45 p.m. **RENEWABLE ENERGY POSSIBILITIES IN THE WATER INDUSTRY** – *Steven E. Smith* will describe changes that can be made to reduce or minimize energy use through renewable means.
4:30 p.m. **WATER CONSERVATION AT WORK** – *Robert Mitchard, Algonquin, Illinois* – Do we have enough water? Manage your resources wisely.
5:00 p.m. **ADJOURN to MEET & MINGLE in Exhibit Area**

MAIN SESSION, THURSDAY, September 11, 2008

- 8:30 a.m. **TANKS FROM A TO Z** – *David Friederick, Cady Aquastore, Inc.*, will present “all you ever need to know about selection and maintenance of potable water tanks”—cost differences, design efficiency, construction & application of ground level & elevated potable water storage tanks.
9:30 a.m. **UV FOR COST-EFFECTIVE CRYPTO CONTROL** – *Bill Soucie, CLCJAWA* – Case history of effective crypto control
10:00 a.m. **EXHIBIT AREA BREAK AND DRAWING**
10:30 a.m. **GAS TO SODIUM HYPOCHLORITE PANEL** – *Bill Bosler, Water Superintendent, Charleston, & Charles Douglas, Assistant Chief Operator, Lake Forest Water Plant*, will describe their experiences and give tips
11:15 a.m. **PRE-EXISTING BACKGROUND BACTERIA FOR PERMIT SAMPLING** – *Mark Weirich, Brotcke Well & Pump* – Encounters with bacterial contamination during construction project; differences in routine monthly sampling and construction permit sampling; methods used to address a contaminated well or aquifer.

CONCURRENT PRODUCTS & SERVICES SESSION, THURSDAY, September 11, 2008

- 8:30 a.m. **CHLORINE GAS TROUBLESHOOTING** – *Mark Logan, Ressler & Associates* – An experienced speaker on a topic that is always in demand – diagnosing and resolving operational issues associated with chlorine gas.
9:00 a.m. **AIR INJECTION, WELL REHABILITATION** – *Roger Morse, Brotcke Well & Pump*, will describe successful well rehabilitation using air injection
9:30 a.m. **UNDERWATER TANK INSPECTION** – *Justin Scherf, Pro-Dive*, will describe methods and benefits of diving for inspection
10:00 a.m. **EXHIBIT AREA BREAK, EXHIBITOR DRAWING**
10:30 a.m. **METER INSTALLATION & MAINTENANCE** – *Matt Carls, Midwest Meter*, supplies tips for meter care and installation
11:00 a.m. **CHECK UP FOR SMALL SYSTEMS PROGRAM (CUPSS)** – *Frank Dunmire, Illinois Rural Water Association* – How does your system measure up? A new national program from USEPA and Illinois Rural Water Association is a user-friendly computer-based program assists owners and operators in developing and using plans for maintaining their systems and providing service to their customers. CUPSS was developed by the Office of Water as part of the agency's Sustainable Infrastructure Initiative.
11:30 a.m. **RE-OX TO CLEAN WATER MAINS** – *Nick Stanley, Water Solutions*, describe a successful product for main maintenance that removes DBPs, biofilms, nitrification, tuberculation and hardness build-up. Case history information from Forsyth PWS.
12:00 p.m. **EXHIBIT AREA PICNIC -- JOIN THE EXHIBITORS FOR A PICNIC LUNCH**

MAIN SESSION, THURSDAY, September 11, 2008

- 1:15 p.m. **INOPERABLE SLUICE GATE AT LAKE TAYLORVILLE**, *Ted LaBelle, Crawford, Murphy & Tilly* – Case history of detection of water loss and repair at the Lake Taylorville public water supply source of supply.

1:45 p.m. **TRENDS IN ILLINOIS GROUNDWATER** – *Dr. Dereck Winstanley, Illinois State Water Survey*, offers a complete review of historical groundwater trends and the actions to manage future supplies and activities
2:45 p.m. **EXHIBIT AREA BREAK & DRAWING**
3:05 p.m. **IL WARN UPDATE** – *Tammy Bennett*, — Status of Illinois' system for notification during all emergencies.
3:30 p.m. **ONSITE CHLORINE DIOXIDE GENERATION PANEL** –*Dr. Lyle Hensen, PureLine Company, Dennis Campbell, Horner & Shifrin Engineers, Jeff Leidner, Greenville Water Superintendent, Bruce Smith, Municipal Equipment Company*, will discuss all aspects of conversion and operation, and respond to questions, and provide specific case history information
4:15 p.m. **BOIL ORDER PROCEDURES REQUIRED BY IEPA** – *Jon Lam, Illinois EPA*, describes the requirements and procedures for boil order issuance and lifting after clean samples.

CONCURRENT PRODUCTS & SERVICES SESSION, Thursday, September 11, 2008

1:15 p.m. **VIBRATION, MONITORING & BALANCING YOUR WELL PUMP** – *John Freeman, Brotcke Well & Pump* Well pump troubleshooting and maintenance
CONCURRENT PRODUCTS & SERVICES SESSION, Thursday September 11, 2008, Continued from previous page
1:45 p.m. **WELL REHAB – WHAT'S NEW, & WHAT WORKS!** – *Dick Mileager & Craig Allen, Municipal Well & Pump*, will give present new means and methods, and sort out the effective from the others
2:15 p.m. **VALVE VAULT MAINTENANCE** – *Spin Doctor* - A new, effective method of valve vault maintenance
2:45 p.m. **EXHIBIT AREA BREAK, EXHIBITOR DRAWING**
3:05 p.m. **ALTERNATIVE SAMPLING SITES** – *Nick Minford, Kupfurele* – Sampling station use and maintenance
3:35 p.m. **PIPES & COUPLINGS** – *Mike Moore, Fernco Corporation* – Alternatives to traditional pipe and couplings
4:05 p.m. **LABORATORY ISSUES & PROCEDURES** – *Lori Stenzel, PDC Labs* – Changes to monitoring procedures & schedules
4:35 p.m. **CRYPTOSPORIDIUM TESTING – WHAT YOUR FUTURE MAY OFFER** – *Rita Scanlon, American Water Company, Belleville* – *Cryptosporidium* monitoring for water treatment plants using surface water sources
5:05 p.m. **Adjourn to prepare for the Operator of the Year Celebration**

THURSDAY EVENING

6:30 p.m. **77th ANNUAL CONFERENCE OPERATOR OF THE YEAR AWARDS CELEBRATION-- Adams Street, between the President Abraham Lincoln and Hilton Hotels.** The Operator of the Year Celebration will feature a special evening of dancing, fellowship and fun. The Great Boars of Fire will provide ribs during the Street Fair between the two hotels on Adams Street (President Abraham Lincoln Ball Room in case of rain!). Come and honor our fellow operators who consistently provide safe drinking water to Illinois!

FRIDAY, September 12, 2008

7:00 a.m. **ANNUAL BREAKFAST -- ALL CONFERENCE PARTICIPANTS ARE INVITED** Tickets available at Registration
9:00 a.m. **MEMBRANE PANEL** – *Ray Weller, Water Superintendent, Litchfield, Brian Hackman, Strand Associates, Madison, WI; Jason Schutz, Water Superintendent, Algonquin* – Case histories and expert advise on membrane filtration options
10:00 a.m. **METHAMPHETAMINES & WATER SUPPLY SAFETY** – *Don Payton, Special Agent, Illinois State Police District 4*, will describe the hazards of meth production, and offer precautions for water operators to take to protect chemicals and equipment
11:00 a.m. **EMERGENCY PUMPING** – *Brad, Heartland Pumps*, will describe recent changes Carbondale has made to ensure bypassing pumping capacity and provides suggestions for other water suppliers
12:00 p.m. **ATTENDANCE REPORT AND ATTENDANCE PRIZE DRAWING** – *Stan Sayre, President 2007-2008*

RESERVATIONS: PRESIDENT ABRAHAM LINCOLN HOTEL: 217/544-8800 or HILTON HOTEL: 217/789-1530.
Be sure to ask for the IPWSOA rate \$100.00 per night plus tax.

OVER 15.5 RENEWAL TRAINING CREDITS (RTCs) CAN BE EARNED FOR FULL CONFERENCE PARTICIPATION!

Wednesday a.m. = 3.0 RTC units Wednesday p.m. = 3.0 RTCs
Thursday a.m. = 3.0 RTCs (Main or Products Sessions) Thursday p.m. = 3.5 RTCs Friday = 3.0 RTCs

SPOUSE PROGRAM

WEDNESDAY, September 10, 2008– President Abraham Lincoln Hotel Mezzanine

2:00 p.m. **AFFORDABLE SENTIMENTS** – Come join us for the afternoon – we will be making greeting cards. There are eight different cards including birthdays, thank you, and more!

5:00 p.m. **MEET 'N MINGLE** – *Exhibit Area - Gift drawings, 50/50 drawings, refreshments*

THURSDAY, September 11, 2008 – TOUR -- Board bus on Adams Street side of the hotel.

9:15 a.m. Meet in the Lobby to board the bus. We will visit the **Governor's Mansion** to take in the renovations that have been completed since our last visit, and the beautiful landscaping that has been installed, and the nearby **Vachel Lindsey Home**, which was fully renovated, complete with structural reinforcements.

Lunch at Maldaners – Dine at this elegant restaurant, a favorite of all who have eaten here before.

Lisa's & Nickorbob's – Walk off that big lunch while browsing or buying -- an opportunity to shop at an extensive craft and antique mall complex that has beautiful items at reasonable prices

Return to the hotel by in plenty of time to kick your feet up before the Operator of the Year Celebration.

FRIDAY, September 12, 2008 – President Abraham Lincoln Hotel Mezzanine

7:00 a.m. **CONFERENCE BREAKFAST – EVERYONE IS WELCOME! Pick up your ticket at the Registration Desk**

9:00 a.m. Join us to construct a gift or that something you just can't do without! Sue Schwartz will guide us through the painting process

for mugs or pie plates we can glaze at home.

We will have a recipe exchange this year. Bring your recipe on Wednesday so we can get copies for everyone by Friday!