



Illinois Section American Water Works Association
and Illinois Water Environment Association

Welcome to the
**Midwest's Largest
Water and Wastewater
Conference and Expo**



**WATERCON
2014**



IWEA

A Joint Conference and Expo
Pre-Conference Program

Technical Sessions | Exhibits
Awards | Contests | Special Events

March 17-20

Springfield, IL





Welcome to WATERCON 2014



On behalf of the Illinois Section American Water Works Association, I am pleased to invite you to join your fellow water

professionals for our annual conference. This premier event for the Illinois Section American Water Works Association and the Illinois Water Environment Association promises to deliver a multitude of educational sessions and exhibitions designed to provide the best water show in the State of Illinois. The joint conference will have something for everyone who works in the water industry whether you are an Operator, an Engineer, a Vendor, or Water or Wastewater Manager.

There will be several opportunities to participate or watch events where people tap pipe, are quizzed on their knowledge of water, disassemble/reassemble hydrants and judge who has the best tasting water in the state. Service providers and equipment providers will exhibit their latest wares and services providing information to help water and wastewater utilities make educated and informed decisions on meeting the future demands of maintaining and improving our water and wastewater infrastructure. The huge selection of technical sessions will provide opportunities for people to obtain continuing education credit hours as well as being able to listen to fellow water professionals detail solutions to problems they encountered in their day to day operations. Whether you are a seasoned veteran of this annual event or a first time attendee, the opportunities for engagement and networking with other water professionals are vast. Please join us for a great experience that you will surely remember!

John Van Arsdel
Chair 2013-2014
Illinois Section AWWA



WATERCON 2014 offers more for you than ever before. The planning committees for this year's joint conference have done an excellent job designing a program

that has something to offer everyone. On behalf of the IWEA Board and committee members, we invite you to attend. The joint conference is a tremendous value for technical training and keeping up with the latest developments in our industry, with perhaps the greatest value being the networking and collaborating you will do with people that share your passion for the water environment and are facing many of the same challenges you are.

In addition to top notch technical sessions and exhibits, WATERCON 2014 offers a first time ever wastewater operators challenge where teams or individuals can test their skills in operations, maintenance, laboratory, and safety challenge events. 2014 is a special year for IWEA, our 35th anniversary. This year's IWEA Annual Banquet returns to the Abraham Lincoln Presidential Library and Museum for the occasion. Protecting and enhancing our water environment is becoming tougher than ever, and WATERCON is the place to be for the information and connections you need for success. I am looking forward to a great conference and exhibition this year - see you there.

Dan Bounds
President 2013 -2014
Illinois Water Environment Association





WATERCON 2014 Quickview



Monday, March 17

- 7:30 am - 4:30 pm Registration Open
- 8:30 am - 9:30 am Meeting of ISAWWA & IWEA Board
- 9:00 am - 12:00 noon Technical Sessions
- 9:30 am - 1:00 pm ISAWWA Board Meeting and Lunch
- 12:00 noon - 2:00 pm IWEA Lunch and Business Meeting
- 2:00 pm - 3:00 pm **Grand Opening Exhibit Hall**
- 2:00 pm - 6:00 pm Exhibit Hall Open
- 2:00 pm Logo Hunt Begins
- 2:00 pm - 5:00 pm Technical Sessions
- 5:00 pm - 6:00 pm Meet and Greet - Exhibit Hall
- 5:00 pm - 6:00 pm TOP Ops - Exhibit Hall
- 6:00 pm IWEA Awards Banquet
- 6:00 pm ISAWWA Board & Comm. Chair Dinner

Tuesday, March 18

- 7:30 am - 4:30 pm Registration Open
- 8:00 am - 5:00 pm Technical Sessions
- 8:00 am - 4:30 pm Operator and Small System Day
- 9:00 am - 6:00 pm Exhibit Hall Open
- 9:00 am - 12:00 noon Poster Session Competition
- 10:00 am - 5:00 pm WaterWorks Museum Open
- 12:00 noon - 1:00 pm Box Lunch (Exhibit Hall)
- 12:30 pm - 1:00 pm Drinking Water Taste Test
- 1:00 pm - 2:00 pm Mission Impossible
- 1:00 pm - 4:00 pm Wastewater Operator Challenge
- 2:30 pm - 3:30 pm Scavenger Hunt
- 4:00 pm - 5:00 pm Student and YP Reception
- 5:00 pm - 6:00 pm Meet & Greet (Exhibit Hall)
- 9:00 pm - ????? Texas Hold'em (Second Floor)

What Past Attendees are Saying....

- 97% of the attendees at WATERCON 2013, indicated they are likely to attend again in 2014
- "It is a very worthwhile conference that would be very beneficial to operators."
- "You missed a great show, hope you can go next year."
- "You're missing the premier Water/Wastewater event in the midwest."
- "Best of all major conferences I attend. Most organized, interesting and educational."
- "It is the best state water conference I have ever attended."
- "Best show to attend in Illinois and maybe the country."

Volunteer - Have FUN!

Volunteers at WATERCON are what make it the best conference in the Midwest. Volunteers help to maintain the cost for attendees and exhibitors. When you volunteer, you meet people that you would not have otherwise met. If you are already attending WATERCON, please consider taking a portion of your day or evening to volunteer. You'll be glad you did!

www.isawwa.org/WATERCON/Volunteer

Wednesday, March 19

- 6:30 am - 8:00 am Bike and Breakfast
- 7:30 am - 4:30 pm Registration Open
- 7:30 am - 8:30 am ISAWWA Past Chair Breakfast
- 8:00 am - 9:00 am YP Breakfast and Workshop
- 9:00 am - 10:00 am Toastmaster's Workshop
- 8:00 am - 9:00 am Water Operator Associations Breakfast
- 8:00 am - 5:00 pm Technical Sessions
- 9:00 am - 12:00 pm Exhibit Hall Open
- 9:00 am - 2:00 pm WaterWorks Museum Open
- 10:00 am Logo Hunt Ends
- 10:30 am - 12:00 noon Career Fair and Mock Interviews
- 11:00 am Water For People Silent Auction Closes
- 12:00 noon - 1:00 pm IWEA Board Meeting
- 12:00 noon - 2:00 pm Fuller Lunch
- 5:00 pm Meter Madness and Tapping Contest

Thursday, March 20

- 7:30 am - 9:00 am ISAWWA Officer and Awards Breakfast
- 9:00 am - 12:00 pm Regulatory Technical Session



New This Year!!!!

Monday

- Watershed Dynamics Technical Session sponsored by Illinois Lake Management
- Pipe Manufacturers Technical Session

Exhibit Hall Activities

- Rob Thompson, Magician will be strolling the exhibit hall on Monday, making water disappear
- Exhibit Hall Receptions - Monday and Tuesday
- Have fun and win prizes with Minute-to-Win-It
- Wastewater Operator Challenge
- Earn Operator Renewal Credits in Exhibit Hall with "Stretch Your Education"

Event Planner - Monday - Tuesday

Monday	Time	Events - Technical Sessions	Potable	Wastewater
	9:00 am - 12 noon	Watershed Dynamics - Sponsored by Illinois Lake Mgmt. Association	X	X
Panel	9:00 am - 12 noon	Pipe Manufacturer's Panel	X	X
	10:00 am - 12 noon	Safety - Strategic Disaster Management	X	X
	10:00 am - 11:30 am	Nutrients		X
Social	12:00 noon - 2:00 pm	IWEA Lunch and Business Meeting	X	X
Exhibit Hall	2:00 pm - 3:00 pm	Exhibit Hall Grand Opening	X	X
Exhibit Hall	2:00 pm - 6:00 pm	Exhibit Hall Open	X	X
	2:00 pm - 5:00 pm	Source Water Track	X	
	2:30 pm - 4:30 pm	Management	X	X
	2:30 pm - 3:00 pm	SCADA		X
	3:00 pm - 5:00 pm	SCADA (continued)	X	X
	2:30 pm - 4:30 pm	Nutrients		X
	2:30 pm - 4:30 pm	Laboratory		X
	2:30 pm - 4:30pm	Disinfection		X
Workshop	3:30 pm - 4:30 pm	Water Operator Challenge	X	
Competition	5:00 pm - 6:00 pm	Top OPS Competition	X	

Tuesday	Time	Events - Technical Sessions	Potable	Wastewater
	8:00 am - 4:30 pm	Operators Track	X	
Hands On	8:00 am - 4:30 pm	Small Systems Track	X	X
	8:00 am - 11:30 am	Operations - Wastewater		X
	8:00 am - 11:30 am	Energy Management		X
	8:00 am - 12 noon	Management	X	
Exhibit Hall	9:00 am - 6:00 pm	Exhibit Hall Open	X	X
	9:00 am - 12 noon	Water Efficiency	X	
	9:00 am - 5:00 pm	Watershed Track and Forum	X	X
	12:00 noon - 1:00 pm	Exhibit Hall Box Lunch - <i>ticket required</i>	X	X
	1:00 pm - 4:00 pm	Engineering - Potable	X	
	1:00 pm - 5:00 pm	Management	X	X
	1:00 pm - 4:00 pm	Energy Case Studies		X
Exhibit Hall	1:00 pm - 2:15pm	Stretch Your Education - Exhibit Hall Sessions	X	
Workshop	1:00 pm - 2:00 pm	Mission Impossible	X	X
	1:00 pm - 4:00 pm	Engineering - Wastewater		X
Activity	2:30 pm - 3:30 pm	Scavenger Hunt	X	X
Tour	4:00 pm - 5:30 pm	Engineering - Wastewater Plant Tour Offsite		X
Social	4:00 pm - 5:00 pm	Young Professional's Reception	X	X



Event Planner - Wednesday - Thursday



Wednesday	Time	Events - Technical Sessions	Potable	Wastewater
Activity	7:00 am - 9:30 am	Bike and Breakfast	X	X
Social	7:30 am - 8:30 am	Friends of IPSI Breakfast	X	X
Social	7:30 am - 8:30 am	ISAWWA Past Chair Breakfast	X	
Social	8:00 am- 9:00 am	Water Operator Associations Breakfast	X	
Hands On	8:00 am - 10:00 am	Treatment - Potable	X	
	8:00 am - 10:00 am	Security	X	X
	8:00 am - 12 noon	Distribution - Potable	X	
	8:30 am - 10:00 am	Science Fair Students Technical Presentations	X	
Activity	8:00 am - 9:00 am	Young Professionals Breakfast and Workshop	X	X
Activity	9:00 am - 10:00 am	Toastmasters Demonstration Meeting	X	X
Exhibit Hall	9:00 am - 10:15 am	Stretch Your Education - Exhibit Hall Sessions	X	
	8:00 am - 12 noon	Engineering - Potable	X	
	8:00 am - 4:30 pm	New Products (<i>see individual sessions</i>)	X	X
	8:30 am - 12 noon	Green Infrastructure	X	X
	8:30 am - 11:30 am	Digestion		X
	9:00 am - 12 noon	Collections		X
Exhibit Hall	9:00 am - 6:00 pm	Exhibit Hall Open	X	X
	10:30 am - 12 noon	Career Fair & Mock Interview Practice	X	X
	10:30 am - 12 noon	Meters	X	
Hands On	10:30 am - 11:30 am	Operations Workshop	X	
Social	12:00 noon - 2:00 pm	Fuller Lunch	X	X
Social	12:00 noon - 1:00 pm	IWEA Board and Committee Lunch		X
	2:00 pm - 3:00 pm	Safety	X	X
	2:00 pm - 5:00 pm	Engineering	X	X
	2:00 pm - 4:00 pm	Biosolids		X
	2:00 pm - 4:30 pm	Wet Weather		X
Forum	2:00 pm - 3:00 pm	Backflow Forum	X	X
	3:00 pm - 4:30 pm	Water Quality	X	
	3:00 pm - 4:30 pm	Treatment - Potable	X	
	3:30 pm - 4:30 pm	Travel Channel	X	X

Thursday	Time	Events - Technical Sessions	Potable	Wastewater
Social	7:30 am - 9:00 am	Installation of Officers and Awards Breakfast	X	
	9:00 am- 12 noon	Legislative and Regulatory Session	X	

Water Operator License Credits Information

Blue = Water Operator Credit Green = Wastewater - no credit

Engineering Credit License Information

All sessions apply for Engineering Professional Development Hours



Exhibit Hall Planner - WATERCON 2014



Day	Time	Exhibit Hall Events
Sunday	2:00 pm - 8:00 pm	Exhibitor Setup - (booths #900-1100 available to set up after 4:30 pm)
Monday	2:00 pm - 6:00 pm	EXHIBIT HALL OPEN
	8:00 am - 1:00 pm	Exhibitor Setup
	2:00 pm - 3:00 pm	Exhibit Hall Grand Opening - <i>No technical sessions</i>
		- Roving Magician from 2:00 pm to 6:00 pm
		- Water For People Silent Auction - <i>bid on items in exhibitors booths</i>
		- Logo Hunt begins
	5:00 pm - 6:00 pm	Meet and Greet Reception
		- Minute-To-Win-It Competitions
		- Refreshments
	5:00 pm - 6:00 pm	Top OPS Competition
	5:00 pm	Water For People 50/50 Raffle - <i>winner drawn</i>
Tuesday	9:00 am - 6:00 pm	EXHIBIT HALL OPEN
	9:00 am - 6:00 pm	Silent Auction Bidding continues (<i>in exhibitor's booths</i>)
	12:00 noon	Taste Test in Exhibit Hall Lobby Area
	12:00 noon	Box Lunch in Exhibit Hall (<i>ticket required</i>)
	1:00 pm - 4:00 pm	Hydrant Hysteria - <i>Main exhibit hall center area</i>
	1:00 pm - 4:00 pm	Wastewater Operator Challenge - <i>Main exhibit hall center area</i>
	1:00 pm - 2:15 pm	Stretch Your Education - <i>Operator Training in Exhibit Hall</i>
	5:00 pm	Water For People 50/50 Raffle - <i>winner drawn</i>
Wednesday	9:00 am - 12:00 noon	EXHIBIT HALL OPEN
	9:00 am - 10:15 am	Stretch Your Education - <i>Operator Training in Exhibit Hall</i>
	9:00 am - 11:00 am	Bid on Silent Auction Items - <i>center area of exhibit hall</i>
	10:00 am	Logo Hunt Ends - <i>Turn in your sheets at registration desk</i>
	11:00 am	Water For People Silent Auction Bidding Ends



WaterWorks Museum

Do you have any wooden water main, old meters, tools, hydrants, maps or photographs laying around? If you do, bring it with you to WATERCON 2014!!! The Waterworks Museum is returning for another wonderful year and is in need of items to display. As with any museum, the waterworks museum depends greatly on the participation of the community. All historical water and wastewater items are welcome. Please bring your items to help illustrate how the water industry has advanced throughout history. If you are interested in displaying an item or volunteering to help monitor the museum, please contact Sandi at 866-521-3595 extension 3.

Water Operator License Credits Information

Blue = Water Operator Credit Purple = Water Operator Credit
Green = Wastewater - no credit



Watershed Dynamics - 9:00 am - 12:00 noon

Illinois Lake Management sponsored sessions addressing the following Watershed Dynamics topics:

- Dredging
- Stormwater Assessment Pollution Load Model
- Harmful Algae Blooms
- Phosphorus Loading in Watersheds
- Stream Restoration as Part of Urban Development Planning.

Pipe Manufacturer's Panel - 9:00 am - 12:00 noon

Practical Considerations When Selecting and Installing Water Mains and Sanitary Sewers: A 3 Hour Short Course. Each pipe manufacturer will be allowed 30 minutes to present the considerations of the pipe that they represent.

Safety - 10:00 am - 12:00 noon

Strategic Overview of Disaster Management for Water and Wastewater Utilities as presented by Texas A&M Engineering Extension Service. This is a 2 hour session.

Nutrients - 10:00 am - 4:30 pm

- Optimization of Enhanced Biological Phosphorous Removal Process Using Current Infrastructure at the Stickney Water Reclamation Plant
- The CaRRB Diet: Centrate Sidestream Treatment Tackles High Ammonia in a Small Package
- Evaluation of the Anita-Mox Moving Bed Biofilm Reactor Process for Sidestream Deammonification at the Robert W. Hite Treatment Facility, Denver, Colorado
- Roadmap Toward Energy & Chemical Optimization Through The Use of Mainstream De-ammonification at Enhanced Nutrient Removal Facilities
- Nutrient Removal: How to Achieve NPDES Permit Limits While Maintaining Sustainable Operations
- Sludge Blanket and Aeration Basin Denitrification for Achieving Low Cost Phosphorus Removal Improvements
- Sustainable Design for Ultra-low Phosphorus: Lessons Learned

IWEA Lunch and Business Meeting 12:00 noon -

2:00 pm Come network with other wastewater professionals and hear the highlights of the year in review, at IWEA's Annual Business Meeting. New officers will be elected and award winners will be announced. Lunch will be served. Open to all registered attendees with a lunch ticket.

Source Water - 2:30 pm - 5:00 pm

- Managed Aquifer Recharge as a Tool for Sustainable Water Supplies in Illinois
- Identifying Human Pathogenic Multi-Drug Resistant Bacteria from Local Wastewater Post-Chlorination Effluents Compared to Local Rock River: A Two Year Longitudinal Study
- Source Water Awards and Case Studies

SCADA - 2:30 pm - 5:00 pm

- Advances In Control Strategies
- SCADA Network Hacking Awareness & Prevention What I learned in 10 years of Deploying Firewalls on Control Systems
- Network, Control, and Information Security - Should you care?
- Unleash the Full Capabilities of Modern Control System Technologies in the Water Industry

Management - 2:30 pm - 4:30 pm

- Doing More with Less: Optimizing Your Utility for Long Term Success
- Youth Apprenticeship Programs - A Win-Win for Everyone
- Alternative Project Delivery for Self-funding Projects
- The Emerging Professional Operators

Laboratories - 2:30 pm - 4:30 pm

- Standard Laboratory Protocols for the Microscopic Analysis of Wastewater Sludge Samples
- Ion Specific Electrode Measurement Seminar
- Capillary IC: A New Platform for High Throughput or High Resolution Separations of Ionic Compounds
- Online Nitrite Measurement for Control of Nitrogen Removal Shortcut Processes

Disinfection - 2:30 pm - 4:30 pm

- Engineering Design Considerations for PAA Disinfection of Wastewater
- Peracetic Acid for Disinfecting Wastewater Effluent
- An Alternative to Conventional Disinfection: Fast Track MBR works for E. coli Removal
- Baffling Reconfiguration Rescues a 430 MGD Disinfection Contact Basin at the Chicago Calumet Water Reclamation Plant

Water Operator Challenge 3:30 pm - 4:30 pm

Test your knowledge and participate in a "mock operator certification test" session. Participants will be given questions in a workshop format and will test your own knowledge.



Monday - March 17



Illinois Section AWWA Meetings

- 8:30 am - 9:30 am - Joint Meeting of ISAWWA and IWEA Boards
- 9:30 am - 12 noon - ISAWWA Board Meeting
- 10:00 am - 11:00 am - Safety Committee
- 12:00 noon - 1:00 pm - ISAWWA Board Working Lunch
- 6:00 pm - 9:00 pm - ISAWWA Board and Committee Chair Dinner - Engrained Brewing Co.

Illinois Water Environment Association Meetings

- 8:30 am - 9:30 am - Joint Meeting of ISAWWA and IWEA Boards
- 12:00 noon - 2:00 pm - IWEA Business Meeting and Lunch
- 4:00 pm - 5:00 pm - I5S Meeting
- 6:00 pm - 9:00 pm - 35th Annual Awards Banquet

Introducing the Inaugural IWEA Wastewater Operations Challenge! Tuesday, March, 2014

Competition events will include:

- Laboratory Challenge - Low Level Chlorine Residual Analysis
- Safety Challenge - Confined Space Hazardous Atmosphere
- Maintenance Challenge - Rotary Lobe Pump Lobe Exchange
- Operations Challenge - Operations Quiz

Team or individual participation welcome. Teams can be made of 2-4 people. Each member of the team must enter at least one challenge. Individuals may choose to enter just one challenge or all four, making it easy to participate. Each participant will be awarded a Certificate of Achievement. The winners of each event, individual and team, will receive a trophy and recognition in IWEA publications. Advanced registration is required. To register for the Wastewater Operations Challenge go to www.isawwa.org/WATERCON/Activities



**ILLINOIS WATER
ENVIRONMENT ASSOCIATION**

**Please Join Us for the
35th Annual
Awards Banquet**

Monday, March 17, 2014

LOCATION
Abraham Lincoln
Presidential Museum
212 N. 6th St.
Springfield, IL 62701

BANQUET AGENDA
6:00-7:00 pm Cocktails
7:00-8:00 pm Dinner
8:00 pm Awards

Water Operator License Credits Information

- Blue = Water Operator Credit**
- Purple = Water Operator Credit**
- Green = Wastewater - no credit**

IWEA Banquet Sponsorships

IWEA is seeking Banquet Sponsors for the 35th Annual IWEA Awards Banquet on March 17, 2014.

Sponsorship opportunities include Presidential, Gold, and Silver level sponsorships. Presidential - \$750.00 (includes 2 banquet tickets), Gold - \$500.00 (includes 1 banquet ticket), and Silver - \$300.00

Reserve your sponsorship at www.isawwa.org/WATERCON/IWEA-Banquet





Operator Day - 8:00 am - 4:30 pm

“This Old House”. The mission is to feature water systems who have recently expanded or upgraded their water facilities. Multiple presenters from each improvement will talk about their projects. The track will kick things off with a panel discussion called, “Illinois Environment Protection Agency – Meet the Staff”

Small Systems - 8:00 am - 4:30 pm

- Illinois EPA, Meet the Staff
- Hydrant Repair
- Sampling: How to Sample, What to Avoid
- WaterMain Breaks
- WaterMain Repair Fittings
- Tentative “local water plant tour”

Management - 8:30 am - 12:00 noon

- Developing Fair and Equitable, Long Term, Wholesale Water Purchase Agreements for 12 Wholesale Water Customers with Lake Michigan Water Allocations
- Do You Know You’re an Asset Manager?
- Contract Formatting Issues for Asset Management Programs for Water Tanks
- Reinventing the Water Service Application Process
- After 1 Million Valve Assessments: What We Have Learned So Far
- A Guideline for Planning Effective National Drinking Water Week Activities

Water Efficiency - 9:00 am - 12:00 noon

- Water Efficiency Committee Presentation
- Inaugural Water Saver Award Presentation
- The AWWA Water Audit: A simple How to Perform an Audit
- Non Revenue Water Reduction: From Audit to Action
- Water Loss Management: Pulling Together for Sustainable Water Resources, Happy Customers and a Healthy Bottom Line

Engineering - Potable Water - 1:00 pm - 4:00 pm

- Revitalizing the CLCJAWA Water Pumping and Transmission System
- From Initial Thoughts to a Completed Building: Springfield Avenue Pump Station
- Using a DAF System to Overcome Hydraulic Overloading Problems of Conventional Sedimentation Facilities
- Submersible Pump Design and Selection Considerations
- From Zero to Bid in 90 Days: Fast Track Design of a New Water Treatment Plant for Bay County, MI
- Construction and Start Up of Gilberts Barium/Radium Pre-Treatment System

Energy Management - 8:00 am - 11:30 am

- Energy Neutral Water Resource Recovery Facilities: Results from Recent WERF Research
- Overcoming the Barriers of Energy Recovery: Developing WLSSD’s Energy Vision
- WRP Resilience: Balancing Aeration Demand, Effluent Quality, and Influent Perturbation
- Where is my Payback? Economic Barriers to Biogas Projects
- Net Zero Energy and the Energy Audit for Water and Wastewater Treatment Plants

Operations - 8:00 am - 11:30 am

- Rehabilitating a Wastewater Treatment Plant In Service: The Hillsboro Experience
- Vortex Grit Removal Notes on Design
- Multi Use Advanced Oxidation Piloting Demonstrates AOP’s Use for Many Applications
- Filter Upgrade: Improved Performance with an Accelerated Project Timeline at a Lower than Budgeted Cost
- Addressing Algae Related TSS Violations in a Lagoon Environment

Energy Case Studies - 1:00 pm - 4:00 pm

- Moving Toward Net Zero Energy at Wastewater Treatment Facilities: Feasibility, Practice and Case Studies
- Get It While It’s Hot: Sewage Heat Recovery Technology Assessment
- Efficient Design of High Efficiency Blowers: Dynamic Modeling and Control Strategies to Reduce Costs
- Optimizing Digester Gas Usage at the Benton Harbor, St. Joseph, Michigan Joint Wastewater Treatment Plant
- The Search for Energy Savings: Optimization of Existing and New Pumping Systems

Engineering - Wastewater- 1:00 pm - 4:00 pm

- Odor Dispersion Modeling as Design Tool
- Maximizing your Odor Control Resources: Optimizing Granular Activated Carbon for Odor Control to be a Good Neighbor
- Incorporating the Triple Bottom Line (Sustainability) to a WWTP Improvement/Relocation
- Building the Wastewater Treatment Plant of the Future

Tour Springfield Metro Sanitary District Spring Creek Wastewater Treatment Plant - 4:00 pm - 5:30 pm

- Transportation provided by CMT





Watershed Management - 9:00 am - 5:00 pm

- Integrated Water Resources Management - Current Options and Approaches for Integrated Municipal Stormwater and Wastewater Permitting
- Storm Water NPDES Permits History and Compliance: Chasing Dirt
- Water Quality Standards Update
- TMDL and Nonpoint Source Program Update
- Watershed Open Forum Discussion
- DuPage River Salt Creek Workgroup Update
- Fox River Study Group Update
- Hickory Creek Watershed Planning Group Update
- Kaskaskia Watershed Association Update
- Watershed Group Open Forum

Mission Impossible 1:00 pm - 2:00 pm

Your mission, should you decide to accept it will be interesting and challenging.

Management - 1:00 pm - 5:00 pm

- Intro to GIS and GPS for Utilities
- Heavy Lifting in GIS: Going Beyond the Map
- Contract Operations: Is It Right for You?
- Public Private Partnerships: Guaranteed Savings Using Performance Contracting
- Condition Assessment: A Foundation for Asset Management
- Evaluating Equipment with the End in Mind - How Do We Get the Equipment We Want?
- Review of As Built Data Capture Technologies

Scavenger Hunt: 2:30 pm - 3:30 pm

Solve a water-related engineering problem by visiting several of the booths in the conference exhibit hall.

Engineering - 4:00 pm - 5:00 pm

- Life Extension Program for Sewage Lift Stations
- Developing a Water or Wastewater Treatment Plant Coating Maintenance Program

Tuesday Meetings (most are 60 minute duration)

- 1:00 pm - Water Commission Meeting
- 2:00 pm - Water Distribution Committee
- 2:30 pm - Water For People Committee
- 3:00 pm - Water Efficiency Committee
- 3:00 pm - Texas Hold'em Dealer Training
- 3:30 pm - Outreach Committee
- 4:00 pm - ISAWWA Education Committee
- 4:00 pm - Nutrient Removal and Recovery Committee Meeting
- 5:00 pm - Small System Committee

Young Professionals and Students



Poster Competition, 9:00 am – 12:00 noon

Present your research or a class project related to water or wastewater. This is a great way to gain presentation experience and get feedback on your work from water industry professionals.

Top prize for water posters is a trip to AWWA's national conference in Boston in June 2014. Cash prizes also available for water and wastewater posters. Poster presenters receive free registration for the day. Entry forms due by February 17, 2014.

Mission Impossible 1:00 pm - 2:00 pm

Your mission, should you decide to accept it will be interesting and challenging.

Unravel a complex water utility challenge. Test your problem solving and planning skills, Apply your technical knowledge and common sense and brainstorm with other water professionals.

Scavenger Hunt: 2:30 pm - 3:30 pm

Solve a water-related engineering problem by visiting several of the booths in the conference exhibit hall. You'll work in teams with other students and learn more about the equipment and treatment processes used every day in engineered water systems. Prizes to be awarded!

Student & Young Professionals Reception 4:00 – 5:00 pm

Meet other students and learn from young professionals who can relate valuable experience on job hunting, applying for grad school, and getting more involved in the water industry. The reception features a networking challenge to introduce you to some of the water industry leaders in Illinois and compete for a prize.

Water Operator License Credits Information

Blue = Water Operator Credit

Purple = Water Operator Credit

Green = Wastewater - no credit





Distribution - 8:00 am- 12:00 noon

- Distribution Maintenance: A Project Management Approach
- Distribution System Renewal for Kansas City, MO
- Essential Operations for a Reliable Water Distribution System
- Hydraulic Modeling and Implementation of a Water Main Flushing Program
- Maintaining and Boosting Chlorine Residuals in a Multizone Water System
- Analyzing System Performance Issues through Field Testing
- AWWA Tank Standards 101: What They Are and What They Are Not

Security - 8:00 am - 10:00 am

- Creating Resilience in Water and Wastewater Utilities
- Understanding your Water/Wastewater Facility Storm Preparedness: An Electrical System Focus
- Standby Power: Considerations for both Large and Small Services
- Water and Wastewater System Security: A Technical Analysis

Treatment - Potable - 8:00 am - 10:00 am

- Improving Water Quality, Reducing Chemicals and Residuals, and Increasing Capacity Using a Magnetic Ion Exchange
- Let The Bugs Do It: Biotta, An Innovative Biological Water Treatment Solution
- Got Bugs: An Overview of the Design and Regulatory Issues Associated with the First Biological Filter for Groundwater in Wisconsin
- UV in Romeoville: The Journey Continues

Science Fair - Potable - 8:30 am - 10:00 am

- Got Clean Water?
- Building an Efficient Egg Based Antibacterial Water Filter
- What's in Your Water?

Fluoridation Awards - 10:00 am Booth #67

The Illinois Department of Public Health and the Illinois Environmental Protection Agency will present the fluoridation awards at 10:00 on March 18th at the IDPH Booth #67.

Engineering - 8:00 am - 12:00 noon

- Antennas & Water Towers: Why or Why Not?
- Metal Versus Elastomer Seated Valve in Wastewater and Potable Water Systems
- Distributed Control System (DCS) Implementation at the Springfield Water Purification Plant
- Village of Matteson Reaching New Heights on an Existing Elevated Tank by Raising the High Water Level by 19'
- Power Reliability Practices In the Water and Wastewater Industry

Digestion - 8:30 am - 11:30 am

- Improved Biosolids Stabilization Utilizing Temperature Phased Anaerobic Digestion
- Primary Sludge Gravity Thickening Facilities at the MWRDGC Stickney Water Reclamation Plant
- Primary Digester Complex Improvements, Sanitary District of Decatur
- Oxygen Transfer: How to Get the Most Out of Your Aerobic Digesters
- What You Don't See is What You Get: Rehabilitating Anaerobic Digesters

Green Infrastructure - 8:30 am - 12:00 noon

- Understanding Sustainability Standards for Water and Wastewater Treatment Plants
- Unique Approach to Regional Green Infrastructure Planning
- Successful Green Infrastructure Planning: A Micro Scale Modeling and Field Investigation Approach
- Golf + Road Construction + TMDL = Water Re-Use Project
- Combining Wastewater Treatment with Community Involvement
- Stormwater Management with Groundwater Recharge

Collections - 9:00 am - 12:00 noon

- The Price of a Dry Basement: The Cost Benefit Justification for a Sanitary Sewer Backup Reduction Program
- Odor and Corrosion Issues in Wastewater Collection Systems: Solving Both by Ventilation: Case Study: Upper Des Plaines Pumping Station
- Pipe Bursting Sewer Mains: Proper Planning Promotes Success
- No Dig Manhole Rehabilitation Knowledge Gaps
- Crossing the Line: Secrets to a Successful Private side Lateral Rehab Program

Friends of Illinois Public Service Institute
Breakfast - Wednesday 7:30 am
Are you a graduate or want to learn more?



Meters - 10:30 am - 12:00 noon

- Three Simple Stages to AMI: Advanced Metering Infrastructure
- Understanding RF Propagation of AMR/AMI systems
- Going Beyond the Meter: Expanding Traditional Data Collection Methodology to Increase Revenue

Operations - 10:30 - 11:30 - Hands On

- Maintenance and Care of Plant Control Valves - Hands On Workshop

Engineering - 2:00 pm - 5:00 pm

- Pipeline Condition Assessment: Calculating Remaining Structural Integrity Using Non Invasive Technologies
- Corrosion Control: Cathodic Protection
- GIS Databases for Creating Hydraulic Models: Is Your Database Good Enough?
- Building Information Modelling and the Water Industry
- Owner Developed and Supplied Master Specifications: Benefits and Lessons Learned
- Phase Converters: Still Playing a Role in Water and Wastewater Systems

Safety - 2:00 pm - 3:00 pm

- Confined Space Entry: Do's and Don'ts
- Arc Flash Hazard Mitigation: An MCEs Case Study

Treatment - Potable - 3:00 pm - 4:30 pm

- Upgrade Your Lime Softening Plant with Reverse Osmosis
- On-Site Hypochlorite Generation: A Safe, Sound, Clean & Green Disinfection Option
- Reducing the Cost of DBP Precursor Removal with Ballasted Flocculation and PAC Recycle

Water Quality - 3:00 pm - 4:30 pm

- Impact of Drinking Water Lead Levels on Chicago Children
- Lead and Copper Corrosion: Assessment Without Homeowner Intrusion
- THM Control Following Rainfall Using Online THM Monitors

New Products Session - 8:00 am - 4:30 pm

- **Algae in Your Troughs, Spillways, and Pipelines is not a Growth Opportunity!**
- **Introducing Digital Workorder**
- **Optimization of Water Treatment Plant Operations Using Computer Models**
- **Swan Turbiwell Case Study**
- **Control Valves with Magnetic Flow Meter Option**
- **CoMag Pilot Experience in WI for Ultra-low Phosphorus Removal: Case Study and Performance Results**
- **High Solids Cake Produced by Advanced High Performance Screw Press**
- **Continuous Rotating Belt Filtration for Primary Treatment and CSO**
- **Hydrogen Sulfide Control in Municipal Wastewater Collection Systems**
- **Acoustic Inspection of Sanitary Sewer Lines to Prioritize Cleaning Operations**
- **Successful Pilot of MicroC 2000™ as Substrate for Enhanced Biological Phosphorus Removal at Two ENR WWTPs**
- **Improved Nutrient Removal Efficiency During Cold Water Temperatures**
- **Evaluating Different Blower Technologies on a Wire to Air Basis**
- **Digestivore: Killing Four Birds With One Stone**

Backflow Forum - 2:00 pm - 3:00 pm

Backflow Nevers Happens Here...Panel Discussion

Backflow and cross connection incidents can happen to you and happens to almost every water system every day in some form or another. This panel will include recent backflow and cross connection incidents and touch on Title 35 and what is required from you to have an effective backflow program.

Travel Channel - 3:30 pm - 4:30 pm

- **History of Water: 3 Key Moments that have Shaped the Way We Treat Water**
- **Benefits & Costs Of Student Oriented International Engineering Projects**



Young Professionals and Students

Biosolids - 2:00 pm - 4:00 pm

- Environmental Performance of Solids Treatment in Wastewater Treatment Plant: A Case Study in St. Louis Missouri
- What Can Solids Do for You: Shifting towards Solids as an Energy Resource
- Bio-P, Digestion & Dewatering: Unexpected Consequences?
- 50 Shades of Sludge: Evaluation of Solids Disposal at Henderson, Kentucky

Wet Weather - 2:00 pm - 4:30 pm

- Indianapolis Deep Tunnel and Dewatering Pump Station for CSO Control
- Big City Wet Weather Treatment in a Small Town in Illinois: The Rock Island Story
- Real Time Data Results in Real Cost Savings: The City of Lorain, OH Real Time SSO Monitoring System
- Quantification of BOD5 Removals via Biological Contact Reactor and Ballasted Clarification System for Wet Weather Wastewater Treatment
- Fourteen Years of an Enhanced Native Clay Wet Weather Retention Facility

Wednesday Meetings (most are 60 minute duration)

- 8:00 am - Water Operator Associations Meeting
- 9:00 am - Backflow Committee
- 1:00 pm - Tapping Contestant Mandatory Meeting
- 1:30 pm - Source Water Committee Meeting
- 2:00 pm - MAC Committee Meeting
- 3:00 pm - Meter Madness Contestant Meeting

Tapping Contest and Meter Madness

5:00 pm - 7:00 pm - Ground Floor Ballroom
Refreshments, excitement and friends.
Cheer on your favorite team. Contest sponsorships available. Nametag required for entrance.

Contest Sponsor with Logo - \$150.00

- Logo included on sponsor signage on one banner during the Tapping/Meter Madness Contests
- Company listing in Splash

Contest Sponsor - \$100.00

- Name included on sponsor signage on one banner during the Tapping/Meter Madness Contests
- Company listing in Splash



Develop Your Own Personal Strategy YP and Student Breakfast, 8:00 am – 9:00 am

Fuel up for the day and spend some more time getting to know students and young professionals you met at the activities the day before. Participate in workshop to help you develop your own personal life strategy.

Toastmaster’s Workshop, 9:00 am – 10:00 am

Looking to develop speaking and leadership skills? Ace a job interview? Ignite your career? Toastmasters International is a world leader in communication and leadership development. Their speaker will teach public speaking and presentation skills in this interactive workshop.

Career Fair and Mock Interviews, 10:30 am – 12:00 pm

Several companies and water/wastewater utilities will be represented at the career fair. Submit your resume and learn more about what water and wastewater industry employers look for in new hires. Concurrent with the career fair, experienced water industry employers will be holding mock interviews to give you a better idea of what to expect while job hunting.

Financial Assistance

Financial assistance to attend the conference is limited to the first 12 students who apply, and is intended to help students who would otherwise not be able to afford to attend the conference. If you are receiving sponsorship from your school or other sources to attend the conference, please refrain from applying for financial assistance so it is available for those most in need. Visit the website www.isawwa.org/WATERCON/Students or phone 866-521-3595 ext. 3.



New Officer and Illinois Section AWWA Awards Breakfast 7:30 am - 9:00 am

9:00am - 11:30 am Regulatory- Potable Water

- Electronic Submission of Monthly Operating Reports (eMOR)
- The Clean Water Initiative: Not Your Father's SRF Loan Program

SPONSORSHIP OPPORTUNITIES

Gold Conference Sponsor - \$750.00

- Name included on sponsor signage at Conference
- Half page ad included in onsite program
- Can provide display materials—logo napkins at Continental Breakfast, Tuesday Lunch or Tuesday Meet and Greet in Exhibit Hall
- Logo included in WATERCON 2014 website with link to your company website for 4 months following the Conference

Silver Conference Sponsor - \$500.00

- Name included on sponsor signage at conference
- Quarter page ad included in onsite program
- Sponsor logo placed on ISAWWA website for 4 months following the Conference

Bronze Conference Sponsor - \$250.00

- Name included on sponsor signage at Conference
- Company listing in onsite program (no logo)

Take advantage of any of these sponsorship opportunities by visiting www.isawwa.org and click WATERCON 2014 and Sponsorships.

Gold Sponsors as of 12-11-2013





Welcome to our Special Guests



Doug Brinkman
2013-2014 Vice-President
AWWA

Doug Brinkman is a Senior Project Manager with Black & Veatch Corporation in Gaithersburg, MD, with 40 years of experience in design and construction management of water and wastewater facility projects.

On the water side, his projects have included studies and designs of treatment plants, intakes, pumping stations, storage facilities, dams, tunnels, and pipelines.

He has served in many committee chair and officer positions of the Chesapeake Section AWWA, where he currently serves as Director, and in committee chair positions of the Virginia Section. He served as Chair of AWWA's Water Facilities Design and Construction Committee, which produced the AWWA/ASCE Water Treatment Design Handbook, 7th Edition, and is currently a Trustee in AWWA's Engineering and Construction Division. In addition to these activities, he has organized and led Sunday Workshops at ACE and has made many technical presentations at AWWA section and national conferences. He is a Life Member of both AWWA and ASCE and is the Chesapeake Section's recipient of the George Warren Fuller Award in 2006. A graduate of Iowa State University (BS) and University of Missouri (MS), Doug is a licensed professional engineer in Kansas, Maryland, Virginia and the District of Columbia.

He lives in North Potomac, MD with his wife Susan. He has one son, Josh (a lawyer), a daughter-in-law, Bethany, (a water engineer) and a new granddaughter, Margarette "Meg", who will undoubtedly grow up to be a water professional.

Jenny Hartfelder
2013-2014 Board of Trustees
WEF



Jenny Hartfelder is a member of the 2013-2014 Board of Trustees for the Water Environment Federation (WEF), an international organization of water quality professionals headquartered in Alexandria, Va.

Jenny currently serves as the Rocky Mountain Client Service Leader for MWH in Denver, Colorado. In

this role, she provides strategic planning and leadership for the business development activities for the water sector in the Rocky Mountain region, covering Colorado, New Mexico, North Dakota, Utah, and Wyoming. She also serves as a project manager and design engineer on numerous water and wastewater projects including master plans, preliminary and detailed designs, and engineering services during construction.

A WEF member since 1997, Jenny has held multiple leadership and committee roles within the Federation. She has served on the Stockholm Junior Water Prize (SJWP) Committee and the Public Communications and Outreach Committee for many years, chairing the SJWP Committee. Jenny also has served in the House of Delegates as the Speaker of the House, Chair of the Ways and Means Workgroup, and as a member of several HOD workgroups and committees. She is a member of the Select Society of Sanitary Sludge Shovelers and a recipient of the Arthur Sidney Bedell Award.

Also an active member of the Rocky Mountain Water Environment Association, Jenny chaired several committees including Public Education, Nominations, Awards, and the Joint Annual Conference Committees, and has moved through the MA officer chairs serving as the President in 2006-2007.

Jenny is a registered professional engineer in the states of Colorado and Washington and is certified by the Project Management Institute (PMI) as a Project Management Professional (PMP). She received a B.S. in Civil Engineering in 1990 from Michigan Technological University, and an M.S. in Civil Engineering in 2002 from the University of Colorado - Denver.



Exhibitors as of 12-11-2013



Aclara
Adaptor, Inc
ADS Environmental
All Service Contracting Corp.
American Flow Control
American Public Works Association
APEX Pumping Solutions
Applied Technologies, Inc
Aqua Backflow
Associated Technical Services Ltd.
Association of Boards of Certification
AY McDonald
Backflow Solutions
Badger Meter
BakerCorp
Baxter & Woodman
Brooks & Associates
Burns & McDonnell
Cady Aquastore
Cardinal Pump
Carus Corporation
Cascade Waterworks
Cathodic Protection Management
CB & I, Inc
Clark Dietz
Cla-Val Company
Cloudpoint Geographics
Clow Valve Company
Coe Equipment
Control Plus, Inc
Corrpro
Covalen
Crawford, Murphy & Tilly
DIPRA
Dixon Engineering
DN Tanks
Doonan Environmental LLC
Dorner Company
Drydon Equipment Inc.
Duke's Root Control
Eaton Mechanical Sales
Edenbros

EH Wachs
EJ
ELAN Technologies
Energenecs, Inc
Engineering Enterprises
Environmental Operating Solutions, Inc
Environmental Resources Training Center
EnviroScience
Farnsworth Group
Ferguson Waterworks
Fer-Pal Construction
Fischer Harris & Associates
Flo Systems, Inc
Flolo Corporation
Flow-Technics, Inc.
Fluid Conservation Systems
Ford Meter Box Company
Foremost Industrial
Gasvoda & Associates
Giant Maintenance and Restoration, Inc.
Grundfos
Hawkins, Inc
Heartland Controls
HMG Engineers
Hoerr Construction
Horner & Shifrin, Inc.
HR Green
Hydro-Aire
Hydro-Kinetics Corp
IDEXX Laboratories
IEPA - Drinking Water
IEPA - Groundwater
Illinois American Water
Illinois Department of Public Health
Illinois Electric Works
Illinois Lake Management Assoc.
Illinois Public Service Institute
Illinois Rural Water Association
Illinois State Water Survey
ILWARN
Indelco Plastics
Induron Protective Coatings
Industrial Network Systems
ISCO Industries





ISAWWA
IWEA
JCM Industries
Jim Jolly Sales
JM Process Systems
Johnson Controls
Kamp Synergy
Kupferle Foundry
LAI, Ltd.
Layne Christensen
Lee Jensen Sales
LoPrest Water Treatment Company
M.E. Simpson Co., Inc.
Marshall-Bond Pumps
Master Meter
McGard
McHenry Analytical
McMahon Associates
Memeco Sales
Merrell Bros
Meter Madness Competition
Metropolitan Industries
Midwest Mobile Washers
Midwest Water Group
Mississippi Lime
Molycorp
Mueller Company
Mueller Systems
Municipal Equipment Company
Municipal Well & Pump
Neptune Technology Group
Northern Filter Media
Panner Company
PDC Laboratories
Peerless Midwest
Peterson and Matz, Inc.
Prairie Analytical
Preload, Inc
Pro-Dive
Progress Environmental
Pure Technologies
RE Pedrotti
Red Flint Sand & Gravel
RJN Group, Inc.
Rockwell Automation

Ronk Electrical
Schulte Supply
Seiler Instrument
Sensus USA
Sherwin-Williams Company
Shive-Hattery
Siemens Water Technologies
Singer Valve
Smith Ecological
Stanley Consultants
Stanley Hydraulic Tools
Stewart Spreading
Suburban Laboratories
Swan Analytical
Swanson Flo
Symbiont
Tank Industry Consultants
Test, Inc
Tnemec /Taylor Coating
Trotter & Associates
Underground Solutions
Underwriters Labs
Utility Service Company
Val-Matic Valve & Mfg Corp
Visu-Sewer of Illinois
Wachs Water Services
Water Products Company
Water Remediation Technology
Water Solutions Unlimited
Water Well Solutions
Westfall Company
Wilson Bohannon Padlock Company
Woolpert
Xylem

Three exhibit areas hosting over 215 booths!
To view the exhibit floors live, follow the links below.

- **Main exhibit hall - SOLD OUT**
www.isawwa.org/WATERCON/Main
- **Ground floor lobby**
www.isawwa.org/WATERCON/Lobby
- **Second floor lobby**
www.isawwa.org/WATERCON/Second



Hotel Information - Bike and Breakfast



Hotel Information

The WATERCON 2014 event will be held at the Crowne Plaza Hotel and Conference Center. Special rates have been confirmed for conference attendees at the hotel. Please refer to ISAWWA when making hotel reservations in order to obtain the negotiated conference rate. We have a limited block of rooms at the hotel; therefore, all rooms are reserved on a first-come, first-served basis. The recommended date to have your reservation booked is no later than February 15th.

A shuttle bus will run on Tuesday and Wednesday from the parking lot across the street in the morning, lunch-time and at the end of the day. Please look for signs that indicate "remote parking".

Crowne Plaza Hotel and Conference Center

3000 S. Dirksen Parkway, Springfield, IL 62703

Ph: (217) 529-7777

Room rate: \$123.00 per night plus tax. *Code K1S*
(single or double occupancy)

Holiday Inn Express

3040 S. Dirksen Pkwy, Springfield, IL 62703

Ph: (217) 529-7771.

Room rate: \$105.00 per night plus tax. *Code WRX*
(single or double occupancy).

Additional Nearby Hotels - Springfield, IL

Comfort Suites - 217-753-4000

Drury Hotel - 217-529-3900

Hilton Garden Inn - 217-529-7171

Check isawwa.org for additional hotel listings



Bike and Breakfast - Wednesday, March 19

The 4th annual bike & breakfast group is now forming for WATERCON 2014. If you will be attending WATERCON 2014, and would like to participate in this event you can register online or just email laurie@isawwa.org with a note that you will be attending and if you are bringing a bike or need a rental.

All skill levels are encouraged to attend. The rides are generally less than 15 miles, and will last approximately 1.5 hours depending on the overall speed of the group. There will be two options: a short or a longer ride that includes a stop for breakfast.

Cost:

The event is free provided that each participant provides their own bicycle and helmet. Each person will pay for their breakfast along the route.

Bike Rental:

If you are unable to transport your own bicycle to the conference, a limited number of bikes will be available at the hotel. We are expecting to be able to offer free rental of the bikes.

Meeting Location and Time:

We will meet in the lobby of the Crowne Plaza Hotel and Conference Center in Springfield, IL at 6:30 am on Wednesday, March 19, 2014.

All participants will be required to sign a waiver and wear a helmet for the ride.

WATERCON 2014 EARLY REGISTRATION Price increases 2/14/2014 Please use "X" for selections.	Member	Non-Member	Meals				
	ISAWWA or IWEA Members**		Mon. IWEA Lunch	Tues. Box Lunch	Wed. Fuller Lunch	Thurs. Awards Breakfast	
Full Conference Monday—Thursday							
With Meals (except IWEA Banquet)	___\$250	___\$275	X	X	X	X	\$
Without Meals	___\$225	___\$250					\$
Retiree Registration— not currently working or seeking work—company name will be shown as "retired"	FREE		X	X	X	X	No Charge
Operator Registration—Tuesday Only							
Must be a Water or Wastewater Operator	___\$ 50	___\$ 75		X			\$
Day Registrations							
One day—Includes one meal—select 1 day	___ \$100	___\$125	()	()	()	()	\$
Two day—Includes two meals—select 2 days	___ \$200	___ \$225	()	()	()	()	\$
Guest Registration							
Not employed in water/wastewater industry	___\$15	___\$ 15					\$
Full time Student Registration							
Full conference—includes meals	___\$100		X	X	X	X	\$
One day—Includes one meal—select 1 day	___\$ 50		()	()	()	()	\$
Additional Meal and Banquet Tickets							
Monday IWEA Lunch	___\$ 25	___\$ 25	X				\$
Monday IWEA Banquet (not included with any registration option above)	___\$ 75	___\$ 75	___ I would like a vegetarian option				\$
Tuesday Box Lunch	___\$ 10	___\$ 10		X			\$
Wednesday Lunch	___\$ 25	___\$ 25			X		\$
Thursday Awards/New Officer Breakfast	___\$ 20	___\$ 20				X	\$
Membership Options—Annual Memberships							
___ \$ 28 AWWA + Illinois Student Membership (full time student)	___\$ 35 WEF Student Member + IWEA						\$
___\$191 AWWA + Illinois Individual Membership	___\$ 103 WEF Professional Member + IWEA						\$
___\$ 79 AWWA + Illinois Operations Membership	___\$ 75 WEF Professional Wastewater Oper. + IWEA						\$
___\$116 AWWA + Illinois Young Professional Membership	___\$ 62 WEF Young Professional + IWEA						\$
							\$
<i>All registration rates increase \$50.00 after 2-14-2014. Registration after 3-15-2014 or onsite is \$75.00 higher than shown above. Registrations received prior to 2-15-2014 will be mailed. Registrations after 2-15-2014 will be held for onsite pickup. No refunds after 2-15-2014 unless emergency and requested in writing to ISAWWA.</i>							
TOTAL							\$
Name: _____ Title: _____ Employer: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Fax: _____ E-Mail: _____ **Illinois AWWA Member # _____ IWEA Member # _____							<input type="checkbox"/> Check Enclosed <input type="checkbox"/> Invoice <input type="checkbox"/> Credit Card Mail registration to: ISAWWA 545 S. Randall Road St. Charles, IL 60174 Fax registration to: 866-521-3591 Register online: www.isawwa.org/WATERCON Questions? 866-521-3595 ext. 3 sandi@isawwa.org
Credit Card Information: ___ Visa ___ MasterCard ___ AMEX ___ Approved Purchase Order Name on Card: _____ Card Number: _____ Exp. Date: _____ Approved Purchase Order # _____ First time attendee? ___ Yes ___ No Young Professional (35 years of age or under or new to the industry < 10 years?) ___ Yes ___ No Your Twitter Name _____ Follow #WATERCON2014							

Illinois Section AWWA
545 S. Randall Road
St. Charles, IL 60174

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Register by Mail:

Complete the Registration Form on the other side of this page and mail with payment to: Illinois Section AWWA, 545 S. Randall Rd., St. Charles, IL 60174

Register by Fax:

Complete the Registration Form on the other side of this page including credit card information and fax toll free to 866-521-3591.

Register On-line:

Visit www.isawwa.org/WATERCON/Register

Complete the easy online form and pay using a credit card or choose the invoice option.

Early Bird Rates

All registration rates increase \$50.00 after 2-14-2014. Registration after 3-15-14 or onsite is \$75.00 higher than shown in registration form. Registrations received prior to 02-15-2014 will be mailed,. Registrations recieved after 2-15-2014 will be held for onsite pickup.

Cancellation Policy:

Must receive cancellation in writing or email by February 15, 2014 for full refund. Substitutions can also be made for registrations by calling 866-521-3595, extension 3.

Confirmations:

Attendees will receive an e-mail confirmation upon ISAWWA receipt of mailed registration. For on-line registrations, an auto receipt will be generated.

Professional Development Credits

Blue coding is potable water, green coding is wastewater and purple is both water and wastewater.

Purple and Blue sessions qualify for water operator renewal training credit.

All sesssions apply for engineering professional development hours. Questions? Call 866-521-3595 ext. 3 - Sandi.



**WATERCON
2014**
A Joint Conference and Expo

