

2009 Joint Water Conference

RTC/PDH Submission Form

Operator Name: _____ Social Security No.: _____

Identify actual minutes attended for each session and the total actual training time for renewal training credit.

Tuesday

Global Climate Change - Governor Room

	Time	Minutes	Actual Minutes
An Overview of Climate Change, the Controversy, Proposed Legislation...	8:30 am	30	_____
Biosolids Land Application Stores Carbon in Soil...	10:30 am	30	_____
Biogas and Beyond: Renewable Energy Studies...	11:30 am	30	_____

Joint Energy Efficiency - Sangamon Room

Aeration System Improvements for Energy Efficiency	12:30 pm	30	_____
Distribution System Pumping: Variable Speed vs Throttling Energy...	1:00 pm	30	_____
Motor System Efficiency	1:30 pm	30	_____
Incentives for Energy Efficient Water Treatment Facilities in Illinois	2:00 pm	30	_____
Electrical Cost Considerations Using LEED as a Guide	2:30 pm	30	_____

Joint Emergency Planning

Using Optimization to Assist in Master Planning and Emergency...	3:00 pm	30	_____
Emergency Equipment Preparation	3:30 pm	30	_____
ILWARN - Mutual Aid for Water / Wastewater Utilities	4:00 pm	30	_____
Emergency Repair at Lake Taylorville Intake	4:30 pm	30	_____

Joint Engineering - Sapphire Room

UV Disinfection Equipment Pre-selection is a Cost and Time Saver...	8:00 am	30	_____
Ion Exchange Waste Treatment for Barium and Radium Reduction...	8:30 am	30	_____
Water System Automation Improvements	9:00 am	30	_____
Electrical Service Replacement for Critical Applications	9:30 am	30	_____
Technological advances change the application of Electromagnetic...	11:00 am	30	_____
Condition Assessment of Small Diameter Water & Wastewater...	11:30 am	30	_____

Joint Management - Ruby Room

The Water and Sewer Rate Study One of Your Most Useful...	8:00 am	30	_____
Radium, From Sandstone to Topsoil	8:30 am	30	_____
Establishing Financial Readiness for Effective Renewal and Replacement...	9:00 am	30	_____
Project Communications: How to Keep the Lines Open...	9:30 am	30	_____
Selecting, Training and Retaining the Best Analytical Staff	10:30 am	30	_____
Effective Performance Management in Water/Wastewater Organizations...	11:00 am	30	_____
Developing Your Workforce, a Multipronged Approach	11:30 am	30	_____

Operator's Preconference - Emerald Room

Introducing AWWA's Certificate Program for High-Tech Operators	9:00 am	30	_____
LaGrange Park Unidirectional Water Main Flushing	10:30 am	30	_____
Field Sampling and Analysis What you need to know before...	1:00 pm	30	_____
Hydrant and Valve Inspections - An Expedited Program	1:30 pm	30	_____
One-Year after a Tank Rehabilitation and Repainting Project	3:00 pm	30	_____
Electrical "Arc Flash" Protection for Your Staff	3:30 pm	30	_____
Criticality of Valve Operability	4:00 pm	30	_____
Water: How Hard Can It Be?	4:30 pm	30	_____

Pharmaceutical - Diamond Room

EDCs and PPCPs: Sources, Occurrence, Regulations, & Fate	10:30 am	30	_____
Pharmaceuticals in Drinking Water - What We've Found	11:00 am	30	_____
Analytical Method Developments for Pharmaceuticals in Drinking Water...	11:30 am	30	_____

Source Water - Illinois Room

Ethanol Plants and Water Issues	8:30 am	30	_____
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Using Collector Wells to Enhance Your Water Supply: Steps to Follow...	9:00 am	30	_____
Geophysical Logging and Well Reconstruction for Radium...	9:30 am	30	_____

Fundamental Topics - Governor Room

Introduction to the Role of the Owner, Operator, and Engineer...	11:00 am	30	_____
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Water Management - Ruby Room

Water System Sustainability: A View from Rural Highland Guatemala	1:00 pm	30	_____
Operational Tools for Planning & Maintaining Adequate Water Supply...	1:30 pm	30	_____
Historic Typhoid Epidemics in Moline: Fundamental Water Supply Lessons...	2:00 pm	30	_____
Using Advanced Metering for Water Resource Management	3:00 pm	30	_____
A Holistic Approach to Water Conservation Planning...	3:30 pm	30	_____
Protecting Water Resources in DuPage County	4:00 pm	30	_____
Focusing on the Future: Lake Michigan Water for Northern Lake County	4:30 pm	30	_____

Water Quality - Diamond Room

The Impact of Water Quality, Corrosion Inhibitors and Plumbing Age...	8:00 am	30	_____
Reducing Contamination in Drinking Water Treatment Chemicals	8:30 am	30	_____
Control of Ammonia in Drinking Water Using Biologically Active Filtration...	9:00 am	30	_____
Source Water Monitoring: A Chemometric Approach to Detecting Changes...	9:30 am	30	_____
You Can Reduce Disinfection Byproducts without Major Capital...	1:00 pm	30	_____
Water Distribution System Flow Path Analysis for Water Quality	1:30 pm	30	_____
Consequences and Reduction of Elevated Ammonia in Illinois...	2:00 pm	30	_____
Drugs in Tap Water! Here We Go Again?	3:00 pm	30	_____
Groundwater Monitoring Program for the Deep Tunnel Systems...	3:30 pm	30	_____
Waupun Utilities Implements Reverse Osmosis Softening	4:00 pm	30	_____
Instrumentation For Rapid Direct Detection Of Pathogens	4:30 pm	30	_____

Wednesday

Customer Service - Governor

Youth Outreach The Evolving Program for ISAWWA	2:00 pm	30	_____
Go with the Flow with Web 2.0	2:30 pm	30	_____
Excellent Customer Service	3:00 pm	30	_____
Collection Of Delinquent Water Accounts as a Prerequisite...	3:30 pm	30	_____

GIS - Diamond Room

The Multi-faceted Roles and Applications of GIS to Water...	8:00 am	30	_____
The Greater Peoria Sanitary District: an Example of the Benefits...	8:30 am	30	_____
Management, Analysis, and Decision Making Using a GIS...	9:00 am	30	_____
The development and use of G.I.S. mapping for efficient development...	9:30 am	30	_____

Joint Sustainability - Ruby Room

Recognizing Sustainability Factors: Improved Prioritization...	8:00 am	30	_____
Chasing Green Illinois American's Champaign County Water Facility	8:30 am	30	_____
Can we remove a utility from the grid? The future of renewable energy...	9:00 am	30	_____
Water Quality Considerations for Water Reuse	9:30 am	30	_____
Considerations of using Wind Energy	10:30 am	30	_____
How Energy Savings Can Fund Your Project...	11:00 am	30	_____
Disinfection Alternatives and Sustainability	11:30 am	30	_____

Tanks - Illinois Room

Water Storage Tank Safety Modification	2:00 pm	30	_____
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100% Pure Polyurea Repairs Bolted-Steel Tank	2:30 pm	30	_____
The Evolution of Lead Paint Abatement – a Success Story?!?	3:00 pm	30	_____
Total Cost of Ownership	3:30 pm	30	_____
Today's Composite Elevated Storage Tanks	4:00 pm	30	_____
A Comprehensive Approach to Managing Water Quality In Storage...	4:30 pm	30	_____

Water Distribution - Ruby Room

Iron Pipe: Centuries of Service and what's next?	2:00 pm	30	_____
"Give me a Break" Uncovering the Truth of Water Main Breaks	2:30 pm	30	_____
Results of an Anode Retrofit Program for Cast Iron Water Distribution...	3:00 pm	30	_____
HDD: Success in variable soils	3:30 pm	30	_____
Product Pipe Material Options for Static Pipe Bursting	4:00 pm	30	_____
Designing a Water Distribution System Unidirectional Flushing...	4:30 pm	30	_____

Water Engineering - Sapphire Room

Challenges of Antennas on Water Storage Tanks	8:00 am	30	_____
Reducing Overall Project Costs for East Chicago's New Membrane...	8:30 am	30	_____
Rehabilitating Rockford's Base Wells	9:00 am	30	_____
Hydraulic Modeling for Master Planning	9:30 am	30	_____
All Roads Do Not Lead to Membranes – Why Membranes Are Not...	10:30 am	30	_____
Planning and Design of a HMO and Nanofiltration Water...	11:00 am	30	_____
Improving Pressure and Performance: Evaluating your Zone...	11:30 am	30	_____
Village of Oak Lawn Water System Master Plan - A Case Study	2:00 pm	30	_____
Modeling to Diagnose Biofilm Prone Areas in the City of Evanston...	2:30 pm	30	_____
E-I-E-I-RO: Geneva's New Membrane Water Treatment Facility	3:00 pm	30	_____
The First Drop of Filtered Groundwater	3:30 pm	30	_____
Making the Most of What You've Got -- Retrofitting Water Facilities...	4:00 pm	30	_____
Upgrading the Sun River Terrace Water System	4:30 pm	30	_____

Thursday

Legislative - Diamond Room

Illinois EPA Regulatory Update	9:00 am	90	_____
The USEPA Drinking Water Treatability Database: Now Open...	10:30 am	30	_____
State of Illinois Budget and Legislative Update	11:00 am	30	_____

Water Quality - Ruby Room

Simultaneous Compliance for Achieving Corrosion Control...	9:00 am	30	_____
Comprehensive Bench Scale Testing of Taste and Odor Control...	9:30 am	30	_____
Legionella In Water Distribution Systems, Cases and Preventive...	10:00 am	30	_____
Improved Standard Method 6040D for Geosmin and MIB	10:30 am	30	_____
Cation Sorption on Hydrous Manganese Dioxide	11:00 am	30	_____
Effects Of Oxidation And Adsorption On Arsenic Removal...	11:30 am	30	_____

To ensure proper renewal training credit, it is important for you to total your actual training minutes and indicate the total in the space provided.

I certify that the above information is true and accurate and that I have successfully completed the training identified above. I understand that proof-of-training records must be maintained by me for a period of four years. I further acknowledge that falsification of this form used in the certificate revocation and/or suspension.

Signd: _____ Date: _____

Mail completed for to: Illinois EPA, BOW/CAS#19
1021 N. Grand Avenue East, PO Box 19276, Springfield, IL 62794