

2010 FALL CONFERENCE

Integrated Service Solutions



NEBRASKA WATER
ENVIRONMENT
ASSOCIATION



NEBRASKA CHAPTER
AMERICAN PUBLIC
WORKS ASSOCIATION



NEBRASKA SECTION
AMERICAN WATER
WORKS ASSOCIATION

November 3-5, 2010
Holiday Inn
Kearney, Nebraska

APWA

Wednesday, November 3, 2010

7:30-8:30	Past Presidents' Breakfast
7:30-8:30	Registration
	Morning Session Moderator: Mark Christiansen
8:30-8:45	2010 North American Snow Conference Review and Coming Year Activities Chris Cain, HDR
8:30-8:45	Nebraska LTAP Continuing Education Opportunities Gary Story, City of Kearney
8:45-9:45	Pavement Trouble Shooting and Repair Dr. Peter Taylor, Director, Iowa State University National Center for Concrete Pavement Technology
9:45-10:15	Central Nebraska Transports for the Future Educational Opportunities Kelly Christensen, CNTF
10:15-10:30	Break, Tour Exhibits, & Mobile Drivers Training Lab (outside)
10:30-11:00	Performance Measures for De-Icing Products Steve Bytner, Envirotech Services, Inc.
11:00-11:30	Diggers Hotline of Nebraska Susan Lynch, Director, Diggers Hotline of Nebraska
11:30-12:00	State of the State Monty Fredrickson, Director & State Engineer
12:00-1:30	Joint APWA/NWEA Luncheon Kirk Pfeffer, NWEA President Paul Bowen, WEF Dignitary
	Afternoon Session Moderator: Joe Soucie
1:30-2:00	NEWARN - Communities Helping Communities Eric Melcher, NEWARN Chairman and Dennis Watts NEWARN Vice Chairman
2:00-2:30	Solid Waste Management Planning John Dempsey, HDR
2:30-3:30	Role of Public Works in Managing Community Emergencies and Natural Disasters Whitney Shipley, Emergency Management Specialist
3:30-4:30	APWA Chapter and Executive Meeting
6:00-7:00	Social Hour and Tour Exhibits
7:00-9:00	APWA Banquet George Crombie, APWA National President

NWEA

Wednesday, November 3, 2010

7:30-8:30	Registration
	Opening Session: Emerging Issues Moderator: Kirk Pfeffer
8:30-9:00	WEF Dignitary Paul Bowen
9:00-9:30	NDEQ Updates Jay Ringenberg
9:30-10:00	EPA Updates Art Spratlin, EPA Region 7
10:00-10:30	Break and Tour Exhibits
	Morning Session A: Energy Efficiency and Sustainability Moderator: Todd Boling
10:30-11:00	Evaluation of Blower Technologies Thomas McCurdy, AERZEN USA Corp.
11:00-11:30	Sustainability in Operations - Lincoln WWTPs Gary Brandt, City of Lincoln and Gretchen Dolson, HDR
11:30-12:00	Improving Energy Efficiency at Water & Wastewater Utilities Kerry Herndon, EPA Region 7
12:00-1:30	Joint APWA/NWEA Luncheon Kirk Pfeffer, NWEA President Paul Bowen, WEF Dignitary
	Morning Session B: Nutrient Removal Moderator: Ron Sova
10:30-11:00	Nutrient Removal Basics J.B. Neethling, HDR
11:00-11:30	Nutrient Removal Performance Reliability at Low Levels J.B. Neethling, HDR
11:30-12:00	Nutrient Removal Update from Kansas Derek Cambridge, Black & Veatch
12:00-1:30	Joint APWA/NWEA Luncheon Kirk Pfeffer, NWEA President Paul Bowen, WEF Dignitary
	Afternoon Session
1:30-3:30	Top-Ops/Non-Ops Competition Vendor Hour "Show and Tell" Brian Bakke and Tom Miller
3:30-4:30	NWEA Business Meeting Kirk Pfeffer, NWEA President
4:30-5:30	Vendor Hour
6:00-7:00	Social Hour and Tour Exhibits Music by NWEA Band
7:00-9:00	NWEA Banquet Paul Bowen, WEF Dignitary

NWEA

Thursday, November 4, 2010

7:30-8:30	Operators' Breakfast
7:30-8:30	AAEE Breakfast
	Session A: WWTP Improvements & Emergency Operations Moderator: Lyle Christensen
8:30-9:00	Upgrading a Trickling Filter Treatment Plant to Achieve Nutrient Removal Dale Gabel, CH2M Hill
9:00-9:30	Emergency Operations at Norfolk WWTP - Flooding! Todd Boling, City of Norfolk
9:30-10:00	Papillion Creek Digester Improvements Joe Dabbs, City of Omaha and Bob Riede, HDR
10:00-10:30	Break and Tour Exhibits
	Student Paper Presentations Moderator: Shannon Bartelt-Hunt
10:30-11:00	Maximizing Sorbent Bedlife in Adsorption Treatment Systems Benjamin Stewart, UNL
11:00-11:30	Combination of Shredded-Tire Biofilters and Membrane Bioreactors for Graywater Treatment Meng Hu, UNL
11:30-12:00	Natural Estrogen Removals from Drinking Water using a Biologically Active Carbon (BAC) Reactor Zhongtian Li, UNL
12:00-1:30	Joint NWEA/AWWA Luncheon Debra Kaye, AWWA Vice President
	Session B: Practical Stuff You Should Know Moderator: Roger Protzman
8:30-9:00	NDEQ NPDES Permit Interpretation 101 Jeff Stittle and Dawn Martin
9:00-9:30	Village of Cedar Bluffs New Lagoon System - Stimulus Timelines and Environmental Coordination Justin Stine, JEO
9:30-10:00	Watershed Management: Stream Restoration and Stabilization Dave Lampe, LRA
10:00-10:30	Break and Tour Exhibits
	Collection Systems Projects Moderator: Jim Theiler
10:30-11:00	Omaha 16th and Grace Emergency Sewer Pipe Repair Mike McIntosh, LRA
11:00-11:30	Omaha Flow Monitoring Efforts Lucas Gillen, George Butler Associates
11:30-12:00	Grandview Relief Sewer Project for the Little Blue Valley Sewer District, KS Jim Condon, Olsson Associates
12:00-1:30	Joint NWEA/AWWA Luncheon Debra Kaye, AWWA Vice President

AWWA

Thursday, November 4, 2010

- 7:30-8:30 **Registration**
- 8:30-9:00 **Opening Session**
Debra Kaye, AWWA Vice President
- Session A Ⓐ
Moderator: John Olsson
- 9:00-9:30 **Field Services Issues, Including RSS Data and First Year of Submittals**
Doug Woodbeck, DHHS
- 9:30-10:00 **Water School: Marketing Your Water System to Your Community**
Brian Gongol, AWWA Public Information Committee
- 10:00-10:30 **Break and Tour Exhibits**
- Moderator: Eric Lee Ⓐ
- 10:30-11:00 **Diggers Hotline of America**
Susan Lynch, Director, Diggers Hotline of Nebraska
- 11:00-11:30 **Shoring Safety**
Cheryl Treptow, Midwest Fire Training Associates
- 11:30-12:00 **Salmonella Outbreak - Historical Re-creation Using Hydraulic Modeling, Alamosa, CO**
Craig Reinsch, Olsson Associates
- 12:00-1:30 **Joint NWEA/AWWA Luncheon**
Debra Kaye, AWWA Vice President
- Afternoon Session Ⓐ
- 1:30-3:30 **Backflow Knowledge and Ultimate Backflow Challenge**
Rich Koenig
- 3:30-4:45 **Top Ops/Non Ops Competition**
Chris Koenig, HDR
- 4:45-5:15 **Young Professionals Mixer**
- 5:15-6:00 **Water Tasting**
- 6:00-7:00 **Social Hour and Tour Exhibits**
- 7:00-9:00 **AWWA Banquet**

AWWA

Thursday, November 4, 2010

- 7:30-8:30 **Registration**
- 8:30-9:00 **Opening Session**
Debra Kaye, AWWA Vice President
- Session B Ⓑ
Moderator: Rob Pierce
- 9:00-9:30 **Ground Water Modeling for MUD Platte West**
Luca DeAngelis, HDR
- 9:30-10:00 **Contamination of Public Water Supply Through Wells - High Plains Aquifer, York, NE**
Rick Wilson, USGS Water Science Center
- 10:00-10:30 **Break and Tour Exhibits**
- Moderator: David Lathrop Ⓑ
- 10:30-11:00 **AWWA RF Water Research Foundation Small System Simultaneous Compliance Tool**
Justin Stine, JEO
- 11:00-11:30 **Lakin Water Treatment Uranium Remediation and Underground Injection Well Application**
Blake Birkel, KMA
- 11:30-12:00 **Groundwater Rule**
Sarah Clark, HDR
- 12:00-1:30 **Joint NWEA/AWWA Luncheon**
Debra Kaye, AWWA Vice President
- Afternoon Session Ⓑ
- 1:30-3:30 **Business Meeting and Board Meeting**
- 3:30-4:45 **Top Ops/Non Ops Competition**
Chris Koenig, HDR
- 4:45-5:15 **Young Professionals Mixer**
- 5:15-6:00 **Water Tasting**
- 6:00-7:00 **Social Hour and Tour Exhibits**
- 7:00-9:00 **AWWA Banquet**

AWWA

Friday, November 5, 2010

- 7:30-8:30 **Operators' Breakfast**
- 7:30-8:30 **Past Chairs' Roundtable Breakfast**
- 7:30-8:30 **Registration**
- Morning Session A Ⓐ
Moderator: Milo Rust
- 8:30-9:00 **Pipe Joint Restraint Applications and Installations**
Jeff Fischer, Fischer, Harris & Associates
- 9:00-9:30 **Packing and Split Seals on Horizontal and Turbine Pumps**
Billy Czapl, Modern Dynamics
- 9:30-10:00 **EPA Dashborad**
Angela Buzard, Wichita State University
- 10:00-10:30 **Break and Tour Exhibits**
- Morning Session A (cont'd) Ⓐ
Moderator: Doug Woodbeck
- 10:30-12:00 **Regulatory Update**
Jack Daniel, Nebraska DHHS
- Morning Session B Ⓑ
Moderator: Chad Roberts
- 8:30-9:00 **Stream Discharge Issues**
Dennis Kahl, UNL Extension Service
- 9:00-9:30 **GIS - Implementing Asset Management for Prioritization of Improvements**
David Lathrop, City of Seward and Owen Killam, Olsson Associates
- 9:30-10:00 **Upgrade to East Water Treatment Plant**
Dennis Watts, City of Norfolk
- 10:00-10:30 **Break and Tour Exhibits**
- Morning Session B (cont'd) Ⓑ
Moderator: Ben Day
- 10:30-11:00 **Regional Water Systems vs Treatment**
Jack Baker, Baker and Associates
- 11:00-11:30 **Uranium Study at Grand Island**
Amit Shiristava, HDR
- 11:30-12:00 **SCADA Virtualization**
Warren Humphrey, Olsson Associates
- Morning Session C Ⓒ
Moderator: Mary Poe

NWEA, APWA & AWWA 2010 Registration Information

Program	Pre-Registration	On-Site Registration
APWA	\$70*	\$80*
NWEA	\$70♦	\$80♦
AWWA	\$70**	\$80**
Full Conf.	\$140●	\$150●
NWEA Operators' Breakfast		\$10
AWWA Operators' Breakfast		\$10
AAEE Breakfast		Menu
Additional Banquet Tickets		\$20

- * Includes Wed. lunch & banquet
- ♦ Includes Wed. lunch, banquet & Thurs. lunch
- ** Includes Thurs. lunch & banquet
- Includes all lunches and all banquets

Conference Hotel Information

To guarantee a room at the conference rate, make your reservation prior to October 16, 2010. You must tell the hotel you will be attending this conference to receive the conference rate.

Holiday Inn - Reservations Number: (308) 237-5971

Per contract room rates are \$81.95 for One - Four Persons. Tax not included

Wingate Inn - Reservations Number: (308) 237-4400

Per contract room rates are \$81.95 for One - Four Persons. Tax not included

Hampton Inn - Reservations Number: (308) 234-3400

Per contract room rates are \$81.95 for One - Four Persons. Tax not included

Continuing Education Hours

NDHHS Water Operator CEU Hours:

- Grade 1-4: AWWA Program: Up to 6.75 hours
- Grade 1-4: Top Ops Participation: 1.5 hours
- Grade 6: Extreme Backflow Knowledge: Up to 1.5 hours

NDEQ Wastewater Operator CEU Hours:

- NWEA Program: 6 hours
- Additional for Top Ops Participants: 2 hours

2010 FALL CONFERENCE Pre-Registration Only

Membership: NWEA APWA AWWA

Name: _____

Title: _____

Organization: _____

Address: _____

Phone: _____

New Member Yes No

Young Professional (Age 35 and under)
 Yes No

Pre-Registration Options

	Check Selection	Banquet Selection
NWEA Conference	<input type="checkbox"/> \$70	<input type="checkbox"/> NWEA
APWA Conference	<input type="checkbox"/> \$70	<input type="checkbox"/> APWA
AWWA Conference	<input type="checkbox"/> \$70	<input type="checkbox"/> AWWA
Full Conference	<input type="checkbox"/> \$140	
NWEA Operator's Breakfast	<input type="checkbox"/> \$10	
APPA Operator's Breakfast	<input type="checkbox"/> \$10	
AAEE (pay at Holiday Inn)		
Extra Banquet Tickets:		
NWEA - \$20 each X ____ =	\$ ____	
APWA - \$20 each X ____ =	\$ ____	
AWWA - \$20 each X ____ =	\$ ____	
NWEA Lapel Pin (WERF Fund) \$5	\$ ____	

Optional Scholarship Fund Donation

(Suggested Minimum \$5) \$ ____

Organization: NWEA APWA AWWA

Total Enclosed \$ ____

Make check payable to NWEA & return this form with payment by October 16, 2010 to:

HDR
8404 Indian Hills Drive
Omaha, NE 68114
Attn: Kathleen Alexander

For further information contact Kathleen Alexander at (402) 399-1357 or kathleen.alexander@hdrinc.com

No Refunds after Wednesday October 27, 2010

AWWA Alternative Morning Session

FRIDAY

Operator's Nuts and Bolts
Moderator: Mary Poe Ⓒ

- 8:30-9:00 **How to Navigate NEWARN Website**
Rick Melcher, City of Aurora and Dennis Watts, City of Norfolk
- 9:00-9:30 **Chlorine and Fluoride Safety**
Mike Wentink, DHHS
- 9:30-10:00 **Home Treatment Facts**
Sharon Skipton, UNL Extension Service