

2008 FALL CONFERENCE

Maximizing
Our
Resources



NEBRASKA WATER
ENVIRONMENT
ASSOCIATION



NEBRASKA CHAPTER
AMERICAN PUBLIC
WORKS ASSOCIATION



NEBRASKA SECTION
AMERICAN WATER
WORKS ASSOCIATION

November 5-7, 2008

Holiday Inn
Kearney, Nebraska

NWEA

Wednesday, November 5, 2008

7:30-8:30	Registration
	Session A - Emerging Issues Moderator - Steve Crisler
8:30-9:00	Water Environment Federation Emerging Issues Jeanette Brown, WEF Dignitary
9:00-9:30	Regional View on Numeric Nutrient Limits Gary Welker, EPA Region VII
9:30-10:00	Nebraska Issues Jay Ringenberg, NDEQ
10:00-10:30	Break and Tour Exhibits
	Session A - Nutrient Removal Requirements Panel Discussion Moderator - Brian Bakke
10:30-12:00	Planning for Numeric Nutrient Limits Dave Clark, HDR; Pat Nelson, CH2M Hill; Gary Welker, EPA Region VII
12:00-1:30	Joint APWA / NWEA Luncheon Presiding - Chris Johnson, NWEA President Jeanette Brown, WEF Dignitary
	Session A - Vendor Demonstrations Moderator - Tony Bilek
1:30-3:30	Vendor Hands-On Demonstrations
3:30-4:30	NWEA Business Meeting Chris Johnson, NWEA President
5:00-7:00	Networking, Social Hour and Tour Exhibits
7:00-9:00	NWEA Banquet Jeanette Brown, WEF Dignitary
	Session B - Collection Systems Jim Theiler
10:30-11:00	Beatrice, Nebraska I&I Study Brian Mullinex, WLA Consulting
11:00-11:30	Johnson Lake Craig Reinsch, Olsson Associates
11:30-12:00	Flow Metering and Monitoring Lyle Christensen, HDR
12:00-1:30	Joint APWA / NWEA Luncheon Presiding - Chris Johnson, NWEA President Jeanette Brown, WEF Dignitary
1:30-3:30	Top Ops Competition Brian Bakke, HDR and Tom Miller, Electric Pump
3:30-4:30	NWEA Business Meeting Chris Johnson - NWEA President
5:00-7:00	Networking, Social Hour and Tour Exhibits
7:00-9:00	NWEA Banquet Jeanette Brown, WEF Dignitary

NWEA

Thursday, November 6, 2008

7:30-8:30	NWEA Operator's Breakfast Bill Gidley
7:30-8:30	AAEE Breakfast
	Session A - Lagoon Upgrades Moderator - Tony Bilek
8:30-9:00	Tecumseh Biolac Upgrades Jim Condon, Olsson Associates
9:00-9:30	Strawberry Point LEMNA
9:30-10:00	Manitoba Pilot Study Martin Hildebrand, Nelson Environmental
10:00-10:30	Break and Tour Exhibits
	Session B - Wastewater Processes Moderator - Jeff Forney
8:30-9:00	Digester Gas Piping Replacement Fred Scarpello, WLA Consulting
9:00-9:30	Primary and Waste Activated Sludge Solids Control Steve Crisler, City of Lincoln
9:30-10:00	Mass Balance, Calibration, and Process Monitoring Brian Bakke, HDR
10:00-10:30	Break and Tour Exhibits
	Session A - Small Systems Moderator - Murat Akyurek
10:30-11:00	Lagoons to Mechanical Treatment - Village of Bennett Amit Shrivastava, Kirkham Michael
11:00-11:30	City of Omaha Elkhorn WWTP Upgrades Mike Arends, City of Omaha
11:30-12:00	Waverly WWTP Upgrades Eric Obert, JEO Consulting
12:00 - 1:30	Joint AWWA / NWEA Luncheon Presiding - Chris Johnson, NWEA President Mike Leonard, AWWA President
	Session B - Student Papers Moderator - Dr. John Stansbury
10:30-11:00	Multi-Criteria Assessment of Habitat Restoration for Pallid Sturgeon on the Missouri River Jennifer Gitt
11:00-11:30	Laboratory Investigations of RDX Degradation by Permanganate Chanat Chokeyaroenrat
11:30-12:00	Computational Fluid Dynamics for Bridge Hydraulics Bushra Afzal
12:00-1:30	Joint AWWA / NWEA Luncheon Presiding - Chris Johnson, NWEA President Mike Leonard, AWWA President

APWA

Wednesday, November 5, 2008

7:30-8:30	Past President's Breakfast
7:30-8:30	Registration
	Morning Session Moderator: Dennis Wilson
8:30-8:45	Nebraska LTAP Educational Opportunities Dan Cady, Nebraska LTAP
8:45-9:15	GIS Applications - Snow and Storm Operations Mike Schonlau, City of Omaha Steve Casciopa, City of Omaha
9:15-10:00	Engineers Without Borders Emily Holtzclaw, CH2M Hill Dr. Shannon Bartelt-Hunt, UNL / UNO
10:00-10:15	Break and Tour Exhibits
10:15-11:00	Design and Construction of the CWS Roadway Improvements and Parking Lot Expansion Steve McCullough, HDR Craig Hunter, HDR Tom Glow, City of Omaha
11:00-12:00	Radar Tips and Tricks - Decision Making Through Winter Storm Analysis Sara Croke, Weather or Not, Inc.
12:00-1:30	Joint APWA / NWEA Luncheon Jeanette Brown, WEF Dignitary
	Afternoon Session Moderator: Brock Beran
1:30-2:00	NDOR State of the State John Craig, NDOR
2:00-3:00	European Operations - What Did We Learn When We Crossed the Pond Bret Hodne, City of West Des Moines, Iowa Mark Devries, McHenry County, Illinois
3:00-4:00	Winter Maintenance Update - What is New in Blending Liquid Deicers, Equipment Innovations, AVL and More Bret Hodne, City of West Des Moines, Iowa Mark Devries, McHenry County, Illinois
4:00-4:45	APWA Chapter and Executive Meeting
6:00-7:00	Social Hour and Tour Exhibits
7:00-8:30	APWA Banquet Noel Thompson, National APWA President
	Thursday, November 6, 2008
8:30	APWA 2010 Snow Conference Meeting and Breakfast

AWWA

Thursday, November 6, 2008

7:30-8:30	Registration
	Morning Session I Moderator: Chris Koenig
8:30-9:30	Opening Session and Town Hall Meeting Mike Leonard, AWWA President and General Manager, City of Roswell, GA
9:30-10:00	US EPA Experience with Innovative Treatment in Small Systems - Darren Lytle, US EPA
10:00-10:30	Break and Tour Exhibits
	Morning Session I Moderator: Mike Wentink
10:30-11:00	US EPA Experience with Innovative Treatment in Small Systems Darren Lytle, US EPA
11:00-11:30	Lessons Learned RO Plant Design & Operation – Case Study Seward, NE, Rod Kirkland, Olsson Associates and David Lathrop, City of Seward
11:30-12:00	Torrington, WY - Experience with Reverse Osmosis Jack Baker, Baker and Associates
12:00-1:30	AWWA/NWEA Luncheon Mike Leonard, AWWA President
	Afternoon Session I
1:30-3:00	Business & Board Meeting
3:00-3:30	Break and Tour Exhibits
3:30-5:00	Top-Ops/Non-Ops Competition
5:00-6:00	Young Professionals
6:00-7:00	Social Hour and Tour Exhibits
7:00-9:00	AWWA Banquet
	Morning Session II Moderator: Chris Koenig
8:30-9:30	Opening Session and Town Hall Meeting Mike Leonard, AWWA President and General Manager, City of Roswell, GA
	Moderator: Eric Lee
9:30-10:00	Panel Discussion: Pharmaceuticals in Drinking Water: A Concern for Nebraska?
10:00-10:30	Break and Tour Exhibits

AWWA

	Morning Session II Moderator: Mary Poe
10:30-11:00	Impact and Control of Iron Bacteria from Groundwater Andrew Hansen, Black & Veatch and John Keith, Lincoln Water System
11:00-11:30	An Overview of DIP and PVC Water Mains Terry L. McArthur, HDR
11:30-12:00	Membrane Brine Management - Achieving the Zero Liquid Discharge (ZLD) Milestone Lyle Christensen and Pierre Kwan, HDR
12:00-1:30	AWWA/NWEA Luncheon Mike Leonard, AWWA President
	Afternoon Session II Moderator: Rich Koenig
1:30 -3:00	Extreme Backflow Knowledge
3:00-3:30	Break and Tour Exhibits
3:30-5:00	Top-Ops/Non-Ops Competition
5:00-6:00	Young Professionals
6:00-7:00	Social Hour and Tour Exhibits
7:00-9:00	AWWA Banquet
	Friday, November 7, 2008
7:30-8:30	AWWA Operator Breakfast
7:30-8:30	Past-Chairs Roundtable Breakfast
	Morning Session I Moderator: John Olsson
8:30-9:30	Adding Fluoride Treatment: Panel Discussion of the Regulatory, Design, and Operational Components
9:30-10:00	Media Relations for the Water Industry Brian Gongol, D.J. Gongol & Association, Inc.
10:00-10:30	Break and Tour Exhibits
	Morning Session I Moderator: Rob Pierce
10:30-11:45	State Regulatory Update Jack Daniel - NHHS
11:45-Noon	Water Security Update Pete Neddo, MUD

AWWA

	Morning Session II Moderator: Kevin Tobin
8:30-9:00	SCADA Improvements for Sioux Falls Water Purification Plant David Penner, HDR
9:00-9:30	Implementing GIS & Water Modeling Ben Day and Owen Killham, Olsson Associates
9:30-10:00	Water Main Cleaning - Lessons Learned: Hastings and Wahoo Experience Marty Stange, City of Hastings and Eric Obert, JEO Consulting Group
10:00-10:30	Break and Tour Exhibits
	Morning Session II Moderator: David Lathrop
10:30-11:00	New Water Treatment Facility in Louisville, Nebraska Justin Stine and Eric Obert, JEO Consulting Group
11:00-11:30	Tracer Test Planning and Implementation to Support Water Distribution Model Calibration - A Case Study Doug Simon, CH2M HILL
11:30-12:00	Balancing Disinfection and Disinfection Byproducts Jeff Neemann, Black & Veatch, Eric Lee and John Keith, Lincoln Water System

NWEA, APWA & AWWA 2008 Registration Information

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

- * Includes Wednesday lunch & banquet
- ** Includes Wednesday lunch, banquet & Thursday lunch
- *** Includes Thursday 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 6, 2008. You must tell the hotel you will be attending this conference to receive the conference rate.

Holiday Inn - Toll Free Reservations Number: 1-800-248-4460
Per contract room rates are \$69.95 for One - Four Persons. Tax not included

Wingate Inn - Reservations Number: (308) 237-4400
Per contract room rates are \$69.95 for One - Four Persons. Tax not included

Hampton Inn - Reservations Number: (308) 234-3400
Per contract room rates are \$69.95 for One - Four Persons. Tax not included

CONTINUING EDUCATION HOURS

NDHHS Water Operator CEU Hours:

- Grade 1-4: AWWA Program: Up to 6.5 hours
- Grade 1-4: Top Ops Participation: 1.5 hours
- Grade 6: Extreme Backflow Knowledge: 1.5 hours

NDEQ Wastewater Operator CEU Hours:

- NWEA Program: 6.5 hours
- Additional for Top Ops Participants: 2 hours
- Additional for Vendor Demonstrations: 2 hours

2008 Fall Conference Pre-Registration Only

Membership: AWWA NWEA APWA

Name: _____

Title: _____

Organization: _____

Address: _____

Phone: _____

New Member: Yes No

Young Professional (Age 35 and under): Yes No

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

Organization: AWWA APWA NWEA

Amount \$ _____

Total Enclosed \$ _____

Make check payable to NWEA & return this form with payment by October 17, 2008 to:

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

For further information call Kathleen Alexander at (402) 399-1357