



NEBRASKA CHAPTER  
AMERICAN PUBLIC  
WORKS ASSOCIATION



NEBRASKA SECTION  
AMERICAN WATER  
WORKS ASSOCIATION



NEBRASKA WATER  
ENVIRONMENT  
ASSOCIATION

# 2013 FALL CONFERENCE

November 6-8, 2013  
Younes Conference Center  
Kearney, Nebraska

Nebraska Water Environment Association  
HDR  
8404 Indian Hills Drive  
Omaha, NE 68114  
Attn: Kathleen Alexander

Non-Profit Org  
U.S. Postage  
PAID  
Omaha, NE  
Permit #1055

## APWA

### Wednesday, November 6, 2013

7:30-8:30	<b>Past Presidents Breakfast</b>
7:30-8:30	<b>Registration</b>
	<b>Morning Session</b> Moderator: Mark Christiansen
8:30-8:45	<b>Opening Comments</b> Dennis J. Smith, NE Chapter President
8:45-9:15	<b>APWA Audit</b> Miki Esposito, Lincoln Public Works
9:15-10:00	<b>The State's Role in Emergency Response</b> Earl Imler, Nebraska Emergency Management Agency
10:00-10:30	<b>Break and Tour Exhibits</b>
10:30-11:15	<b>OPPD Sustainability Program</b> Dean Mueller, OPPD
11:15-12:00	<b>State of the State</b> Randy Peters, NDOR
12:00-1:30	<b>Joint NSAWWA &amp; APWA Luncheon</b>
	<b>Afternoon Session</b> Moderator: Dennis J. Smith
1:30-2:30	<b>Hazard Mitigation</b> Lalit Jha & Jeff Hanson, JEO <b>Urban Drainage</b> JD Johnson & Miles Simmons, JEO
2:30-2:45	<b>Break and Tour Exhibits</b>
2:45-3:45	<b>Winter Maintenance</b> Bruce Drewes, Idaho LTAP (retired)
3:45-4:30	<b>APWA Chapter Meeting</b>
5:30-7:00	<b>Social Hour and Tour Exhibits</b>
7:00-9:00	<b>APWA Banquet</b> Ed Gottko, APWA President-Elect
9:00-12:00	<b>3rd Annual Texas Hold'em Tournament</b> (at the Holiday Inn following banquet)

## AWWA

### Wednesday, November 6, 2013

7:30-8:30	<b>Registration</b>
	<b>Opening Remarks</b> John Olsson, NSAWWA Director
8:30-9:00	<b>Keynote Address</b> David Rager, AWWA Dignitary

### Morning Session A Moderator: Mary Poe

9:00-9:30	<b>In situ Tracer Testing for Determination of Effective Inside Pipe Diameters</b> Tom Nevins, Kirkham Michael
9:30-10:00	<b>Advancements in Horizontal Collector Well Design</b> Matt Richart, Black & Veatch
10:00-10:30	<b>Break and Tour Exhibits</b>
	<b>Morning Session A (cont'd)</b> Moderator: Chad Roberts
10:30-11:00	<b>Integrated UF/RO Membrane Treatment Plant – Council Bluffs, IA</b> Teresa Konda, HDR
11:00-11:30	<b>Turning Data into Action to Drive System Optimization and Performance</b> Jeff Neemann, Black & Veatch
11:30-12:00	<b>Best Practice for Installing PVC Pipe</b> Larry Schmidt, Diamond Plastics Corp

### Morning Session B Moderator: Rick Melcher

9:00-10:00	<b>Climate Change Adaptive Tools</b> John Whitler, USEPA
10:00-10:30	<b>Break and Tour Exhibits</b>
10:30-11:00	<b>WARN - A National Perspective</b> Kevin Morley, AWWA
11:00-11:30	<b>Republican River Water Updates</b> Michael Clement, Lower Republican NRD

### Morning Session C Moderator: Doug Woodbeck

9:00-9:30	<b>Arsenic, Nitrate &amp; Uranium in Nebraska &amp; Kansas</b> Blake Birkel, JEO
9:30-10:00	<b>Stromsburg - Fe, Mn &amp; As</b> Chris Miller, Miller & Associates
10:00-10:30	<b>Break and Tour Exhibits</b>
10:30-11:00	<b>Advancing Your Knowledge, Skills and Abilities as a Water Operator</b> Mike Wentink, DHHS
11:00-11:30	<b>Protecting Quality of Source Water Through Well Head Protection</b> Luca DeAngelis, HDR

11:30-12:00 **Not Just Your Father's Chlorine Safety: A Lesson in Modern Chemical Safety Technologies**  
Gary Lohse, Severn Trent

### Afternoon Sessions A, B and C

12:00-1:30	<b>Joint NSAWWA &amp; APWA Luncheon</b>
1:30-3:30	<b>AWWA Business &amp; Board Meeting</b>
1:30-7:00	<b>Exhibitor Hall Open &amp; Poster Viewing</b>
1:30-3:30	<b>Backflow Knowledge &amp; Ultimate Backflow Challenge</b>
3:00	<b>Children Poster Competition - Voting Closes</b>
3:30-4:45	<b>Top Ops Competition</b>
4:45-5:30	<b>Meter Madness</b>
5:30	<b>Water Tasting Competition</b>
5:30-7:00	<b>Social Hour and Tour Exhibits</b>
7:00-9:00	<b>NSAWWA Banquet</b>
9:00-12:00	<b>3rd Annual Texas Hold'em Tournament</b> (at the Holiday Inn following banquet)

## AWWA

### Thursday, November 7, 2013

7:30-8:30	<b>Past Presidents Breakfast</b>
	<b>Morning Session A</b> Moderator: Eric Lee
8:30-9:30	<b>NDHHS Field Staff Q&amp;A</b>
9:30-10:00	<b>The Basics of Water Storage</b> Ben Day, Olsson & Associates
10:00-10:30	<b>Break &amp; Tour Exhibits &amp; Posters</b>
	<b>Morning Session B</b> Moderator: Mike Wentink
8:30-9:00	<b>What's the Best-Case Worst-Case Scenario?</b> Brian Gongol, D.J. Gongol and Associates
9:00-9:30	<b>Discharges: St. Louis County Experience</b> Trent Stober, HDR
9:30-10:00	<b>Inlet/Outlet Piping for Distribution Reservoirs</b> Tom Nevins, Kirkham Michael
10:00-10:30	<b>Break &amp; Tour Exhibits &amp; Posters</b>

# AWWA cont'd

Morning Sessions A&B (cont'd) **A** **B**  
Moderator: Rob Pierce

- 10:30-11:30 **Water/Wastewater Utility Bench Marking**  
David Rager, AWWA Dignitary
- 11:30-12:00 **DHHS Regulatory Update**  
Jack Daniel, NDHHS
- 12:00-1:30 **Joint AWWA/NWEA Luncheon**  
Rick Warner, WEF Dignitary

# NWEA

**Thursday, November 7, 2013**  
**Registration**

Opening Session  
Regulatory Updates  
Moderator: Todd Boling

- 8:30-9:00 **WEF Vice President-nominee, Paul Bowen**
- 9:00-9:30 **Assessing Wastewater Infrastructure Needs (AWIN) and Program Activities**  
Steve Goans, NDEQ
- 9:30-10:00 **USEPA - Water Program Regulatory Updates**  
Glenn Curtis, USEPA
- 10:00-10:30 **Break and Tour Exhibits**
- Morning Session A  
Resource Conservation **A**  
Moderator: Mike Milius
- 10:30-11:00 **Envision Infrastructure Rating System**  
Derek Gardels, HDR
- 11:00-11:30 **Energy Audit Measures**  
John Hay, Siemens Industry, Inc.
- 11:30-12:00 **Energy Efficiency Improvements – Norfolk WPC**  
Mike Milius, Olsson Associates
- 12:00-1:30 **Joint AWWA/NWEA Luncheon**  
Rick Warner, WEF Dignitary
- Morning Session B  
Student Paper Presentations **B**  
Moderator: Shannon Bartelt-Hunt, UNL Civil Engineering Asst. Professor
- 10:30-11:00 **Development of a Rapid Filtration System for Testing Total Suspended Solids**  
Jessica Branigan, UNO Student

- 11:00-11:30 **Sorption/Desorption of Hormones in Soils**  
Yong Qi, UNL Student
- 11:30-12:00 **Internalization of Human Pathogens into Lettuce Leaves Following Irrigation with Wastewater**  
Yuping Zhang, UNL Student
- 12:00-1:30 **Joint AWWA/NWEA Luncheon**  
WEF Vice President-nominee, Paul Bowen
- 1:30-3:30 **Top Ops Competition**  
Brian Bakke, HDR  
Tom Miller, Electric Pump
- 1:30-3:30 **Vendor Product Showcase, Exhibit Hall Booths**
- 3:30-4:30 **NWEA Business Meeting**  
Keith Kontor, NWEA President
- 5:30-7:00 **Social Hour and Tour Exhibits**
- 7:00-9:00 **NWEA Banquet**  
WEF Vice President-nominee, Paul Bowen

# NWEA

**Friday, November 8, 2013**

Morning Session A  
Collections **A**  
Moderator: Jim Theiler

- 8:30-9:00 **The Good, the Bad and the Muddy Overcoming Installation Challenges on the Stevens Creek Phase III Interceptor Sewer**  
Brian Clow, Carollo Engineers
- 9:00-9:30 **City of Lee's Summit Pilot I/I Removal Program in the Public and Private Sector**  
Pat Young, HDR
- 9:30-10:00 **Design and Construction of 54-Inch Interceptor for the City of Grand Island, Nebraska**  
Richard Henderson, Black & Veatch
- 10:00-10:30 **Break and Tour Exhibits**
- Morning Session B  
Treatment Facility Improvements **B**  
Moderator: Brittany Travers
- 8:30-9:00 **Hastings Utilities – Water Pollution Control Facility Improvements**  
Amit Shrivastava, HDR
- 9:00-9:30 **2013 Upgrades to the Lexington, Nebraska WWTP Nitrogen Removal Facilities**  
Thomas T. Satchell, SEH

- 9:30-10:00 **Albion, NE WWTF: From Concept to Construction**  
Ethan Joy, JEO Consulting Group, Inc.

10:00-10:30 **Break and Tour Exhibits**

Morning Session A (cont'd)  
Storm Water Pollution Prevention **A**  
Moderator: Ron Sova

- 10:30-11:00 **Clean Green Nebraska: Communities Sharing Stormwater Knowledge and Resources for a Common Cause**  
JB Dixon, FHU
- 11:00-11:30 **NPDES Stormwater Updates and Common Issues**  
Reuel Anderson, NDEQ
- 11:30-12:00 **Start-up Planning for Phase 1 Major CSO Projects (Missouri River WWTP, Leavenworth Lift Station, and South Interceptor Force Main)**  
Scott Aurit, HDR
- Morning Session B (cont'd)  
BNR **B**  
Moderator: Chris Johnson

- 10:30-11:00 **Trials, Tribulations and Triumphs at Springfield, MO and Manhattan, KS BNR WWTP's**  
Pat McCole, Carollo Engineers

- 11:00-11:30 **Phosphorus Removal How-To**  
Jeff Keller, Burns & McDonnell Engineering Company

- 11:30-12:00 **Nutrient Removal Perspective, Improvements and Operations at Sidney, NE WWTF**  
Todd Sukup, City of Sidney and Mike Milius, Olsson Associates

## APWA, AWWA & NWEA 2013 Registration Information

**Program Pre-Registration On-Site Registration**

APWA	\$90*	\$100*
AWWA	\$90**	\$100**
NWEA	\$90♦	\$100♦
Full Conference	\$165•	\$170•
Additional Banquet Tickets		\$35
Additional Lunch 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 9, 2013. You must tell the hotel you will be attending this conference to receive the conference rate.

### Wingate Inn -

**Reservations Number: (308) 237-4400**  
Per contract room rates are \$89.95 (suite \$119.95) for one - four persons. Tax not included.

### Hampton Inn -

**Reservations Number: (308) 234-3400**  
Per contract room rates are \$89.95 (suite \$119.95) for one - four persons. Tax not included.

### Fairfield Inn -

**Reservations Number: (308) 236-4200**  
Per contract room rates are \$99.95 (suite \$139.95) for one - four persons. Tax not included.

## Continuing Education Hours

### NDHHS Water Operator CEU Hours:

- Grades 1-4 = Up to 9 hours
- Grade 6 = 2 hours (backflow challenge attendance)
- An additional 0.5 hours for Grades 1-4 that compete in Meter Madness Contest

### NDEQ Wastewater Operator CEU Hours:

8.5 Hrs

## 2013 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

<b>Pre-Registration Options</b>	<b>Check Selection</b>	<b>Banquet Selection</b>
NWEA Conference	<input type="checkbox"/> \$90	<input type="checkbox"/> NWEA
APWA Conference	<input type="checkbox"/> \$90	<input type="checkbox"/> APWA
AWWA Conference	<input type="checkbox"/> \$90	<input type="checkbox"/> AWWA
Full Conference	<input type="checkbox"/> \$165	
Extra Lunch Tickets:	\$20 each X ____ = \$ ____	
Extra Banquet Tickets:		
NWEA	\$35 each X ____ = \$ ____	
APWA	\$35 each X ____ = \$ ____	
AWWA	\$35 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 AWWA & return this form with payment by October 11, 2013 to:**

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

For further information contact Kathleen Alexander at (402) 399-1357 or kathleen.alexander@hdrinc.com  
Fax (402) 399-1111

**No refunds after Wednesday, October 30, 2013**