

**2018 FALL CONFERENCE  
Pre-Registration Only**

**Membership:**  APWA  NWEA  AWWA

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Email: \_\_\_\_\_

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"/> \$100 | <input type="checkbox"/> APWA |
| NWEA Conference            | <input type="checkbox"/> \$100 | <input type="checkbox"/> NWEA |
| AWWA Conference            | <input type="checkbox"/> \$100 | <input type="checkbox"/> AWWA |
| Full Conference            | <input type="checkbox"/> \$180 |                               |
| Extra Lunch Tickets:       | \$25 each X _____ = \$ _____   |                               |
| Extra Banquet Tickets:     |                                |                               |
| APWA                       | \$40 each X _____ = \$ _____   |                               |
| NWEA                       | \$40 each X _____ = \$ _____   |                               |
| AWWA                       | \$40 each X _____ = \$ _____   |                               |
| NWEA Lapel Pin (WERF Fund) | \$5                            | \$ _____                      |

**Optional Scholarship Fund Donation**  
(Suggested Minimum \$5) \$ \_\_\_\_\_  
Organization:  APWA  NWEA  AWWA

**Total Enclosed:** \$ \_\_\_\_\_

**Make check payable to APWA**  
Deadline to return registration form with payment is:  
October 19, 2018

**Attn: Scott Bundy**  
HDR  
8404 Indian Hills Drive  
Omaha, NE 68114

**For further information contact Scott Bundy at:**

**Email:** scott.bundy@hdrinc.com  
**Phone:** (402) 399-1357 or **Fax:** (402) 399-1111

**No refunds after Wednesday, October 31, 2018**

**APWA, NWEA & AWWA 2018  
Registration Information**

| Program                    | Pre-Registration   | On-Site Registration |
|----------------------------|--------------------|----------------------|
| APWA                       | \$100 <sup>A</sup> | \$110 <sup>A</sup>   |
| NWEA                       | \$100 <sup>B</sup> | \$110 <sup>B</sup>   |
| AWWA                       | \$100 <sup>C</sup> | \$110 <sup>C</sup>   |
| Full Conference            | \$180 <sup>D</sup> | \$195 <sup>D</sup>   |
| Additional Banquet Tickets |                    | \$40                 |
| Additional Lunch Tickets   |                    | \$25                 |

<sup>A</sup> Includes Wednesday Lunch and Banquet  
<sup>B</sup> Includes Wednesday Lunch, Banquet and Thursday Lunch  
<sup>C</sup> Includes Thursday Lunch and Banquet  
<sup>D</sup> Includes all Lunches and all Banquets

**Conference Hotel Information**

To guarantee a room at the conference rate, make your reservation prior to October 8, 2018. You must tell the hotel you will be attending this conference to receive the conference rate.

**La Quinta Inn -**  
**Reservations Number: (308) 237-4400**  
Per contract room rates are \$109.95 (suite \$159.95) for one - four persons. Tax not included.

**Hampton Inn -**  
**Reservations Number: (308) 234-3400**  
Per contract room rates are \$119.95 (suite \$179.95) for one - four persons. Tax not included.

**Fairfield Inn -**  
**Reservations Number: (308) 236-4200**  
Per contract room rates are \$119.95 (suite \$179.95) for one - four persons. Tax not included.

**Comfort Inn (Formerly Hampton Inn) -**  
**Reservations Number: (308) 236-3400**  
Per contract room rates are \$109.95 (suite \$159.95) for one - four persons. Tax not included.

**Continuing Education Hours**

**NDHHS Water Operator CEU Hours:**  
**Thursday, Nov. 8:**  
Up to 6 hours for Grades 1-4  
Up to 5 hours for Grade 6  
**Friday, Nov. 9:**  
Up to 3 hours for Grades 1-4

**NDEQ Wastewater Operator CEU Hours:**  
Up to 7 Hrs

**Register Online**

You can register online and pay by credit card through the NWEA website (www.nebwea.org) or mail your payment (check made payable to APWA) to Scott Bundy.

**8<sup>th</sup> ANNUAL  
TEXAS HOLD'EM  
TOURNAMENT**



**Presented by:**  
AWWA/NWEA Young Professionals Committee  
at the Nebraska 2018 Fall Joint Conference

**To Benefit:**  water for people

**Date:** Wednesday, November 7, 2018  
**Location:** At the Holiday Inn  
(Following the Banquet, 9:00 pm to Midnight)

**1<sup>st</sup> Place:** \$200      **2<sup>nd</sup> Place:** \$150  
**3<sup>rd</sup> Place:** \$100      **4<sup>th</sup> Place:** \$50  
**5<sup>th</sup> Place:** \$25      Plus Consolation Prizes!

Prizes will be awarded to all tournament players!  
3 Raffles during the Tournament!

**Suggested Tournament Donation: \$20**  
**Make checks payable to NWEA (Texas Hold'em)**

**Walk in Night of the event to play!**

To Sign-Up to Volunteer as a Dealer Please Contact:

**Steve Hanna**  
**Email:** steven.hanna@hdrinc.com  
**Phone:** 402-399-1329

**APWA | Wednesday, Nov. 7, 2018**

|                    |  |
|--------------------|--|
| 7:00 - 8:00        | <b>APWA Past Presidents Breakfast</b><br><i>Restaurant: Sozo (Holiday Inn)</i>   |
| 7:30               | <b>Registration</b>  |
| 8:00 - 8:30        | <b>Hickman and their Beehive System</b><br>Justin Stark, Olsson Associates   |
| 8:30 - 9:00        | <b>Drone Surveys</b><br>Justin Kyser, Digital Sky  |
| 9:00 - 9:30        | <b>Silica Regulations</b><br>Michael Downin, Downing Consulting  |
| 9:30 - 10:00       | <b>Risk Based Approach to Asset Management</b><br>Scott Humphrey, HDR  |
| 10:00 - 10:30      | <b>Break and Tour Exhibits</b>   |
| 10:30 - 11:00      | <b>25 Ways to Screw up a Lift Station Design</b><br>Brian Gongol, DJ Gongol & Associates, Inc.                                     |
| 11:00 - 11:30      | <b>Nutrients - What is the Status?</b><br>Suzie Carpenter, Black & Veatch Corporation<br>Ed Kobylinski, Black & Veatch Corporation |
| 11:30 - 12:00      | <b>Open Cutting an Interstate for a Storm Sewer</b><br>Chris Koenig, HDR   |
| 12:00 - 1:30       | <b>Joint APWA/NWEA Luncheon</b><br><i>Speaker: Chuck Williams, APWA Dignitary</i>  |
| 1:30 - 2:00        | <b>2020 Vision: Lincoln's AV Future</b><br>Lonnie Burkland, City of Lincoln, NE  |
| 2:00 - 2:30        | <b>GIS Project Coordination</b><br>Thomas Shafer, City of Lincoln, NE  |
| 2:30 - 3:00        | <b>Failure: The Key to Innovation</b><br>Miki Esposito, City of Lincoln, NE  |
| 3:00 - 3:30        | <b>Break and Tour Exhibits</b>   |
| 3:30 - 4:30        | <b>West Farm Development Infrastructure Improvements</b><br>Steve Moffitt, HGM<br>Joe Flaxbeard, LRA<br>Brian Ray, HDR             |
| 4:30 - 5:30        | <b>APWA Chapter Business Meeting</b>   |
| 5:00 - 6:30        | <b>Social Hour and Tour Exhibits</b>   |
| 6:30 - 8:00        | <b>APWA Banquet</b><br><i>Speaker: John Winkler, General Manager, P-MRNRD</i>  |
| 9:00 PM - Midnight | <b>8<sup>th</sup> Annual Texas Hold'em Tournament</b><br><i>(At the Holiday Inn Following Banquet)</i>                             |

**NWEA | Wednesday, Nov. 7, 2018**

|               |   |
|---------------|---|
| 7:30          | <b>Registration</b>   |
|               | <b>Opening Session - Regulatory Updates</b><br>Moderator - Tom Miller   |
| 8:30 - 9:00   | <b>WEF Dignitary</b><br>Kelsey Hurst, WEF Dignitary   |
| 9:00 - 9:30   | <b>NDEQ Updates</b><br>Reuel Anderson, NDEQ   |
| 9:30 - 10:00  | <b>USEPA, Updates</b><br>Glenn Curtis, USEPA  |
| 10:00 - 10:30 | <b>Break and Tour Exhibits</b>  |
| <b>A</b>      | <b>Morning Session A - Facility Improvements</b><br>Moderator - Dave Sykora   |
| 10:30 - 11:00 | <b>City of York New WRF Project</b><br>Brent Peterson, HDR  |
| 11:00 - 11:30 | <b>City of Lincoln Theresa St. WRRF Influent Pump Station Improvements</b><br>Jeremy Walker, Olsson Associates  |
| 11:30 - 12:00 | <b>Beatrice Bar Screen Replacement</b><br>Jeremy Walker, Olsson Associates  |
| <b>B</b>      | <b>Morning Session B - Student Papers</b><br>Moderator - George Hunt  |
| 10:30 - 11:00 | <b>Evaluating the Opportunities and Barriers to Improving the Energy Efficiency of Small Nebraska Wastewater Treatment Plants</b><br>Matt Thompson, UNL Student             |
| 11:00 - 11:30 | <b>Nitrate Removal From Groundwater Using Immobilized Algae</b><br>Sara Mollamohammada, UNL Student   |
| 11:30 - 12:00 | <b>Influence of Setback Distance On Antibiotics Resistance Genes In Soil and Runoff Following the Land Application of Swine Manure Slurry</b><br>Cecillia Hall, UNL Student |
| 12:00 - 1:30  | <b>Joint APWA/NWEA Luncheon</b><br><i>Speaker: Chuck Williams, APWA Dignitary</i>   |
| 1:30 - 3:30   | <b>NWEA Business Meeting</b><br>Tom Miller, NWEA President  |
| 3:00 - 4:00   | <b>Committee Chair Work Shop</b>  |
| 1:30 - 4:00   | <b>Vendor Extravaganza, Exhibit Hall Booths</b>   |

**NWEA | Wednesday, Nov. 7, 2018 (Cont'd.)**

|                    |  |
|--------------------|--|
| 5:00 - 6:30        | <b>Social Hour and Tour Exhibits</b>   |
| 6:30 - 8:00        | <b>NWEA Banquet</b>  |
| 9:00 PM - Midnight | <b>8<sup>th</sup> Annual Texas Hold'em Tournament</b><br><i>(At the Holiday Inn Following Banquet)</i> |

**NWEA | Thursday, Nov. 8, 2018**

|               |  |
|---------------|--|
| <b>A</b>      | <b>Morning Session A - Resource Recovery</b><br>Moderator - Brittany Travers   |
| 8:30 - 9:00   | <b>Trends in Nutrient Removal Technologies for Wastewater Treatment</b><br>Ed Kobylinski, Black & Veatch<br>Suzie Carpenter, Black & Veatch      |
| 9:00 - 9:30   | <b>Pearl &amp; WASSTRIP Nutrient Recovery in the Midwest</b><br>Rachel Lee, Ostara   |
| 9:30 - 10:00  | <b>Curbing Greenhouse Gas Emissions Through Codigestion</b><br>Michael Theodoulou, SUEZ  |
| <b>B</b>      | <b>Morning Session B - Collection Systems</b><br>Moderator - Aaron Dressel   |
| 8:30 - 9:00   | <b>Development and Implementation of Wastewater Collection Systems Design Manual</b><br>Kylie Wilmes, HDR<br>Gayle Sturdivant, City of Omaha, NE |
| 9:00 - 9:30   | <b>Those Pesky Solids</b><br>Brian Gongol, DJ Gongol & Associates, Inc.  |
| 9:30 - 10:00  | <b>Manhole Rehabilitation</b><br>Bret Melson, Johnson Services   |
| 10:00 - 10:30 | <b>Break and Tour Exhibits</b>   |
| <b>A</b>      | <b>Morning Session A - Safety</b><br>Moderator - Keith Kontor  |
| 10:30 - 11:00 | <b>Safety: Who Needs It?</b><br>Jim Farringer, Black Hills Energy  |
| 11:00 - 11:30 | <b>Practicing Good Cybersecurity to Keep Your Facility Safe</b><br>Keith Mandachit, Huffman Eng., Inc<br>Jay Steinman, Huffman Eng., Inc         |
| 11:30 - 12:00 | <b>Confined Space, What You Need To Know</b><br>Pete Lies, Electric Pump   |

*continued on back...*

**NWEA** | Thursday, Nov. 8, 2018 (Cont'd.)

**B Morning Session B** - Risk Assessment Project Delivery  
Moderator - Andrew Synhorst

- 10:30 - 11:00 **Best Practices and Lessons Learned in Asset Management**  
Ann Casey, Carollo Engineering
- 11:00 - 11:30 **Value Engineering & Contractor Engagement**  
Scott Aurit, HDR  
Vince Genco, HDR
- 11:30 - 12:00 **Control System Documentation Who Needs It?**  
James Fricke, Huffman Engineering
- 12:00 - 1:30 Joint NSAWWA/NWEA Luncheon  
Speaker: **David Rager**, AWWA Dignitary

**NSAWWA** | Thursday, Nov. 8, 2018

7:30 **Registration**

- 8:30 - 8:40 Pledge of Allegiance - Opening Remarks  
Bruce Dvorak Ph.D., NSAWWA Director
- 8:40 - 9:00 AM Keynote Address  
David Rager, Visiting AWWA Dignitary

**A Morning Session A**  
Moderator - Bruce Dvorak

- 9:00 - 9:30 Panel Discussion: Available Hydrogeologic Resources for Identifying Potential New Well Sites  
Dave Miesbach, NDEQ  
Dana Divine & Doug Hallum, UNL Conservation and Survey Division  
Dick Erhman, Lower Platte South NRD
- 9:30 - 10:00 Example uses of Hydrogeologic Resources to Identifying Potential New Well Sites  
Dave Miesbach, NDEQ  
Dana Divine, UNL Conservation and Survey Division

**B Morning Session B**  
Moderator - John Keith

- 9:00 - 10:00 Combining Water System Master Planning and Financial Planning to Create Long Term Success  
Dustin Dale & Kevin Smith, AE2S

**NSAWWA** | Thursday, Nov. 8, 2018 (Cont'd.)

**C Morning Session C**  
Moderator - Teresa Konda

- 9:00 - 10:00 Tester Ethics  
Chris Holley, City of North Platte, NE
- 10:00 - 10:30 **Break and Tour Exhibits**
- A Morning Session A**  
Moderator - Chad Roberts
- 10:30 - 11:15 Council Bluffs Water Works Council Point Water Treatment Plant Expansion  
Joe Roberts, HDR
- 11:15 - 12:00 MUD Florence Water Treatment Plant - Minne Lusa High Service Pump Station Renovation  
Mike Koenig, MUD  
Brian Hoagland, HDR

**B Morning Session B**  
Moderator - Craig Reinsch

- 10:30 - 11:15 PE 101: Preparing for the Professional Engineering Exam  
Caleb White, JEO  
Hayden Delay, HDR  
Mitch Klein, JEO  
Jon Riede, City of Omaha, NE
- 11:15 - 12:00 The Use of Online Spectrometers for Monitoring of the Water Treatment Disinfection Process  
David G. Roskovic, ASA Analytics

**C Morning Session C**  
Moderator - Mike Wentink

- 10:30 - 11:15 Common Commercial Chemical Encountered  
TBD, Aqua Chemical
- 11:15 - 12:00 Good, Bad and Ugly Installations  
Rich Koenig, DHHS
- 12:00 - 1:30 **Joint NSAWWA/NWEA Luncheon**  
Speaker: **David Rager**, AWWA Dignitary

**A Afternoon Session A**  
Moderator - Tom Menke

- 1:30 - 2:15 Well Siting/Test Hole Drilling  
Dan Freese, Layne Co.
- 2:15 - 3:00 HSS Roundtable/Questions  
TBD, Field Service

**NSAWWA** | Thursday, Nov. 8, 2018 (Cont'd.)

**B Afternoon Session B**

- 1:30 - 3:30 **NSAWWA Annual Business and Board Meeting**

**C Afternoon Session C**  
Moderator - Rich Koenig

- 1:30 - 2:00 Cross Connection-Open Forum  
Rich Koenig, NDHHS
- 2:00 - 3:00 Backflow Knowledge  
Rich Koenig, NDHHS
- 3:00 - 4:00 **Ultimate Backflow Challenge**  
Speaker: **Rich Koenig**, NDHHS
- 1:30 - 7:00 **Exhibit/Vendor Hall Open**

**Special Events**  
(Children's Poster Contest, Voting closes at 9:00 pm)

- 4:00 - 5:00 Top Ops Competition  
Brian Gongol, DJ Gongol & Associates, Inc.
- 5:30 - 6:00 Drinking Water Tasting Contest  
Mary Poe, NDHHS
- 5:30 - 7:00 **Social Hour and Tour Exhibits**
- 7:00 - 9:00 **NSAWWA Banquet**  
Speaker: **TBA**  
Presentation of Fuller Award

**NSAWWA** | Friday, Nov. 9, 2018

- 7:30 - 8:30 **AWWA Past Presidents Breakfast**  
Restaurant: Sozo (Holiday Inn)

**A Morning Session A**  
Moderator - Mary Poe

- 8:30 - 9:15 UNL City Campus Thermal Energy Storage  
Ben Day, Olsson Associates
- 9:15 - 10:00 Social Media Crash Course for the Water Sector  
Brian Gongol, DJ Gongol & Associates, Inc.

**NSAWWA** | Friday, Nov. 9, 2018 (Cont'd.)

**B Morning Session B**  
Moderator - Eric Melcher

- 8:30 - 9:15 Developing and Executing Directional Flushing for a Small Utility  
Ryan Hurst, City of Minden, NE
- 9:15 - 10:00 Concept of a Combined Water-Energy Operator for Small Community Water Systems  
James Persson, MD, MPH

**C Morning Session C**  
Moderator - Marc Rosso

- 8:30 - 10:00 Cybersecurity  
Jay Steinman, Huffman Eng., Inc
- 10:00 - 10:30 **Break and Tour Exhibits**

**A Morning Session A**  
Moderator - Rob Pierce

- 10:30 - 11:00 Hastings Reverse Osmosis Water Treatment Project: Design and Implementation  
Alex Winking, Huffman Eng., Inc  
Amit Shrivastava, HDR

**B Morning Session B**  
Moderator - Mike Wentink

- 10:30 - 11:00 Changing Regulations of Trace Contaminants on EPA's Candidate Contaminant Lists  
Mike Oneby, Olsson Associates

**C Morning Session C**  
Moderator - John Keith

- 10:30 - 11:00 Lincoln's Wellfield Expansion for Drought Resiliency  
Steve Owen, Lincoln Water System  
Andrew Hansen, Black & Veatch Corporation  
Ben Day, Olsson Associates
- 11:00 - 12:00 **DHHS Regulatory Update**  
Speaker: **Andy Kahle**, NDHHS DPH

Nebraska Water Environment Association

HDR  
8404 Indian Hills Drive  
Omaha, NE 68114  
Attn: Scott Bundy

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

2018

**Fall Conference**

November 7-9, 2018

Younes Conference Center | Kearney, Nebraska



NEBRASKA CHAPTER  
AMERICAN PUBLIC  
WORKS ASSOCIATION



NEBRASKA SECTION  
AMERICAN WATER  
WORKS ASSOCIATION



NEBRASKA WATER  
ENVIRONMENT  
ASSOCIATION