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NEBRASKA CHAPTER
AMERICAN PUBLIC
WORKS ASSOCIATION



NEBRASKA SECTION
AMERICAN WATER
WORKS ASSOCIATION

NEBRASKA WATER
ENVIRONMENT
ASSOCIATION



2002 FALL CONFERENCE

*2002 Engineering
Treatment
Technologies*

November 6-8, 2002
Holiday Inn
Kearney, Nebraska

Nebraska Section American Water Works Association
825 M Street, Suite 400
Lincoln, NE 68508
Attn: Dawn Steffen

APWA

Wednesday, November 6, 2002

7:30 – 8:30 **APWA Past President's
Breakfast**

7:30 – 8:30 **Registration**

A.M. SESSION

MODERATOR: KATHLEEN ALEXANDER

8:30 – 9:30 **Flowable Fill (Controlled Low
Strength Materials):**
Earnie Peterson, Nebraska
Concrete

9:30 – 10:15 **Lincoln Impact Fees:**
Steve Masters, City of Lincoln

10:15 – 10:45 **Break & Tour Exhibits**

10:45 – 11:30 **Impact Fees:**
Greg MacLean,
HDR Engineering, Inc.

11:30 – 12:00 **Pavement Management:**
Tim O'Bryan, City of Omaha

12:00 – 1:30 **Joint APWA & AWWA Luncheon**
Andy Richardson
AWWA Vice-President

P.M. SESSION

MODERATOR: TERRY MCARTHUR

1:30 – 2:15 **Public Participation on Complex
Contentious Projects:**
Ralph Lassiter, HDR

2:15 – 3:00 **Metropolitan Utilities District
LNG Fire and Security System:**
Craig Malesker and Keith
Mandachit, Huffman Engineering

3:00 – 3:30 **Break & Tour Exhibits**

3:30 – 4:30 **APWA Chapter & Executive
Committee Meeting**

6:00 – 7:00 **Social Hour & Tour Exhibits**

7:00 – 8:30 **APWA Banquet**
William Asbury, KC Metro
APWA Delegate

AWWA

Wednesday, November 6, 2002

7:30 - 8:30 **Registration**

SESSION 1

MODERATOR: DENNIS WATTS

8:30-9:00 **Changes in Peak Water Usages:**
Lela Parsons, Black & Veatch

9:00-9:30 **Water Conservation:**
Cory O'Brien, Metropolitan
Utilities District

9:30-10:00 **Maintenance of Small Systems:**
Doug Woodbeck, Health and
Human Services

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

MODERATOR: SCOTT BORMAN

10:30-11:15 **State of the State:**
Jack Daniel

11:15-11:30 **Break**

11:30-12:00 **State of the State:**
Jack Daniel

12:00-1:30 **Joint APWA & AWWA Luncheon**
Andy Richardson
AWWA Vice-President

SESSION 1

MODERATOR: CHIP HAAS

1:30-3:00 **AWWA Business Meeting
Break and Tour Exhibits**

3:00-3:30 **Top-Ops Competition**

6:00-7:00 **Social Hour**
AWWA Banquet
Andy Richardson
AWWA Vice-President

SESSION 2

MODERATOR: CHRIS KOENIG

8:30-9:00 **Mentoring Program:**
Chris Clemens, Village of Pilger
Rich Koenig, Health and Human
Services

9:00-9:30 **U.V. Disinfection Applications:**
Mike Leach, Trojan Technologies

AWWA

9:30-10:00 **High Rate Sedimentation:**
Rick Rohan,
HDR Engineering, Inc.

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

MODERATOR: SCOTT BORMAN

10:30-11:15 **State of the State:**
Jack Daniel

11:15-11:30 **Break**

11:30-12:00 **State of the State:**
Jack Daniel

12:00-1:30 **Joint APWA & AWWA Luncheon**
Andy Richardson
AWWA Vice-President

SESSION 2

MODERATOR: RICH KOENIG

1:30-3:00 **Sanitary Survey/Cross
Connection Review Open
Forum:**
Rich Koenig

3:00-3:30 **Break and Tour Exhibits**

3:30-5:00 **Top-Ops Competition**

6:00-7:00 **Social Hour**
AWWA Banquet
Andy Richardson
AWWA Vice-President

Thursday, November 7, 2002

7:00-8:30 **Board Meeting**

7:15-8:30 **AWWA Operator's Breakfast**

SESSION 1

MODERATOR: CHIP HAAS

8:30-10:00 **Emerging Trends In
Environmental Legislation and
Regulation:**
Larry Jaworski,
WEF President-Elect,
Andy Richardson,
AWWA Vice-President

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

AWWA

MODERATOR: LARRY ANDREASEN

10:30-11:00 **How to Give a Presentation:**
Rob Pierce, League of
Nebraska Municipalities
Ash Anderson, City of Gordon, NE

SESSION 1

11:00-12:00 **Teleconference Emerging
Treatment Technologies**

MODERATOR: KRISTINE RANSELM

8:30-9:00 **AWWA Security:**
Mark Grace, Section Director
AWWA; Denver, CO

9:00-10:00 **Coordinating Your Emergency
Plans with Local Emergency
Responders:**
Captain Rick Klein, Lincoln Fire
And Rescue

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

MODERATOR: PAT HEATH

10:30-11:00 **Sources and Presence of EDCs
and Pharmaceuticals in
Nebraska Surface Water - A
Case Study:**
Ingrid Verstraaten, USGS

MODERATOR: DENNIS WATTS

11:00-11:30 **NPPD Basic Electricity:**
Saundra Bottger, NPPD

11:30-12:00 **The Shocking Truth About
Electricity—Electrical Safety:**
Saundra Bottger, NPPD

NWEA

Thursday, November 7, 2002

7:30 - 8:30 **Registration**

SESSION I TECHNOLOGY SESSION
MODERATOR: TOM MILLER

8:30 - 9:15 **Central Nebraska Power and Irrigation District's SCADA System Using Microwave and Radio Control:**

Eric Hixson, Central Nebraska Power and Irrigation District
 9:15 - 10:00 **Radio Control of Lift Stations:**
 Joe Dabbs & Chuck Solomon, City of Omaha

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

INDUSTRIAL SESSION
MODERATOR: BILL GIDLEY

10:30 - 11:00 **Can We Meet Stringent NPDES Requirements?, A Case Study:**
 Lee Gustafson and Holly Lionberger, EA Engineering, Science, and Technology

11:00 - 11:30 **Mandatory Industrial Wastewater Treatment Operator Certification:**
 Steve Goans, NDEQ

11:30 - 12:00 **Anaerobic Treatment of High Strength Industrial Waste:**
 Tony Nightingale, Ondeo-Degremont

12:00-1:30 **Joint NWEA & AWWA Luncheon**
 Larry Jaworski, WEF President-Elect

1:30 - 3:30 **Top Ops Competition**
 3:30 - 4:00 **Break and Tour Exhibits**
 4:00 - 5:00 **NWEA Business Meeting**
 5:00 - 7:00 **NWEA 50th Anniversary Celebration and Social Hour**
 7:00 - 9:00 **NWEA Banquet**

Past Presidents

NWEA

SESSION II EMERGING TRENDS IN ENVIRONMENTAL LEGISLATION AND REGULATION

MODERATOR: MOHAMED DAHAB

8:30 - 9:00 **Larry Jaworski, Water Environment Federation President-Elect**

9:00 - 9:30 **Andy Richardson, American Water Works Association President**

9:30 - 10:00 **Open Forum And Discussion With Industry Leaders**

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

STUDENT PRESENTATIONS
MODERATOR: DR. JOHN STANSBURY

10:30 - 10:50 **Development of Regression Equations for Hydraulic Analysis Using GIS:**
 Branden Strahm

10:50 - 11:10 **Regeneration Methods for Activated Carbon:**
 Mostafa Fatemi

11:10 - 11:30 **Modeling Dissolved Oxygen in Lake Ogallala:**
 Eric Dove

11:30 - 11:50 **Side-Stream Denitrification of Sludge Decants:**
 Fahid Rabah

12:00-1:30 **Joint NWEA & AWWA Luncheon**
 Larry Jaworski, WEF President-Elect

Student Awards

1:30 - 3:30 **Top Ops Competition**
 3:30 - 4:00 **Break and Tour Exhibits**
 4:00 - 5:00 **NWEA Business Meeting**
 5:00 - 7:00 **NWEA 50th Anniversary Celebration and Social Hour**
 7:00 - 9:00 **NWEA Banquet**

Past Presidents

NWEA

Friday, November 8, 2002

7:30 - 8:30 **NWEA Operator's Breakfast**
 7:30 - 8:30 **AAEE Breakfast**

MODERATOR: DARYL KOTTWITZ

8:30 - 9:00 **Enhanced Clarification of Peak Wet Weather Flows:**
 Steve Phillips, Black & Veatch

9:00 - 9:30 **Hydrogen Sulfide, Silent But Deadly:**
 Bill Riley, City of Omaha

9:30 - 10:00 **Lincoln's Theresa Street Odor Control Improvements:**
 Ron Sova, HDR Engineering, Inc.

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

MODERATOR: JEFF FORNEY

10:30 - 11:00 **Increased Biosolids Storage Enhances Land Application Disposal Program, Hastings, NE:**
 Eric Cox, HDR

11:00 - 11:30 **Salt Valley Generating Station Wastewater Reuse - A City Utilities Partnership:**
 Lincoln Electric System

11:30 - 12:00 **NDEQ Regulation Update:**
 Jay Ringenberg, State of Nebraska

2002 - Engineering Treatment Technologies

2002 - Engineering Treatment Technologies APWA, AWWA & NWEA 2002

REGISTRATION INFORMATION

Program	Pre-Registration	On-Site Registration
APWA	\$65*	\$75*
NWEA	\$65**	\$75**
AWWA	\$65***	\$75***
Full Conf.	\$130****	\$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

Holiday Inn

Toll Free Reservations number: 1-800-248-4460
 To guarantee a room at the conference rate, make your reservation prior to October 4, 2002. You must tell the hotel you will be attending this conference to receive the conference rate.

Single: \$59.95
 Double: \$69.95

Tax not included

Wingate Inn

(308) 237-4400
 To guarantee a room at the conference rate, make your reservation prior to October 4, 2002. You must tell the hotel you will be attending this conference to receive the conference rate.

Single: \$59.95
 Double: \$59.95

Tax not included

2002 - Engineering Treatment Technologies

CONTINUING EDUCATION HOURS

NDHHS Water Operator CEU Hours:
 Grade 1-4: AWWA Program: 7.25
 Additional for Top Ops Participants: 1.5
 Teleconference will be 3 hours (assuming it follows past time frame of teleconferences). Applicability to specific certification Grades to be announced. (Depends on agenda topics)
 NDEQ Wastewater Operator CEU Hours:
 NWEA Program: 6.5
 Additional for Top Ops Participants: 1

Test Yourself Against Your Colleagues Register for Top Ops Early!

Please complete the following and return it with your pre-registration. If you're a full conference registrant, feel free to make a copy of the form so you can compete twice during the conference. **Monetary prizes** will be awarded to the top several teams in each competition.

Your Name: _____

Other Possible Team Members*: _____

*List up to 3 additional names. Teams and individuals may be combined to teams of up to 4.

2002 FALL CONFERENCE Pre-Registration Only

Membership: AWWA NWEA APWA

Name: _____

Title: _____

Organization: _____

Address: _____

Phone: _____

Pre-Registration Options Check Selection

APWA Conference	<input type="checkbox"/> \$65
AWWA Conference	<input type="checkbox"/> \$65
NWEA Conference	<input type="checkbox"/> \$65
Full Conference	<input type="checkbox"/> \$130
NWEA Operator's Breakfast	<input type="checkbox"/> \$10
AWWA Operator's Breakfast	<input type="checkbox"/> \$10
AAEE (pay at Holiday Inn)	

Special Diet Requests: _____

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 AWWA & return this form **with payment by October 25, 2002 to:**

AWWA
 c/o Nebraska Section Water Works Association
 825 M. Street, Suite 400
 Lincoln, NE 68508
 Attn: Dawn Steffen

For further information call Dawn Steffen at (402-476-2003)