

Issue 3/2015

Nebraska Rural Water Association



NEBRASKA GOOD WATER NEWS



POTABLE WATER MIXING

Reduce stratification, improve residual, prevent ice buildup

Concord, Massachusetts



POTABLE WATER THM REMOVAL

Achieve compliance

York, New York



WASTEWATER

Reduce energy cost, improve nutrient removal, achieve compliance

St. Helens, Oregon



LAKES AND RAW WATER

Reduce WTP operating costs, control algae, increase hypolimnetic oxygenation

Pagosa Springs, Colorado

Water professionals agree.

Medora Corporation helps solve water quality problems and save money.

From California to New York, water operators and engineers trust Medora Corporation to help reduce operating costs and achieve better compliance in their potable water systems, wastewater lagoons and lakes. They depend on our electric, solar and air-powered systems for fast, reliable results. And that's just the beginning. Year after year, our customer support and long-term product performance ensure complete satisfaction.

To read the case studies and learn more, visit medoraco.com/betterwater



Nebraska Good Water News

Issue 3/2015

“Keeping Our Water Safe”

Board of Directors

Table of Contents

How'd We Do & Letters From	2-3
2015 Safety Training.....	4
Pilger: One Year Later	5
Sewer Camera For Sale	6
Land of Extremes.....	7
Welcome.....	8
Back Where I Started	9
Early Conference Registration.....	10
Western Conference	11
2015 Conference Topics/Motel Info	12
Conference at a Glance	13
I'm Back.....	14
We Need Your Water Tower	15
Do You Have a Good Main Flushing Program?	16
NeRWA Contact Information.....	17

President:

Tom Goulette, National Director
444 S. Main St.
West Point, Nebraska 68788
(402) 372-2466

Vice-President:

Greg Bouc
Box 353
Valparaiso, Nebraska 68065
(402) 784-2313

Secretary/Treasurer:

Larry Wennekamp
124 E. 11th Street
Schuyler, Nebraska 68661
(402) 352-5444

Dennis Hoback
317 Hoback Road
Union, NE 68455
(402) 235-3077

Ken Halvorsen
Box 98
Bennet, Nebraska 68317
(402) 430-9078

George Wagner
PO Box 226
Hooper, NE 68031
(402) 654-3649

Tom Grovijohn
226 N. Elm
Dodge, NE 68633
(402) 693-2239

Staff:

Salli Kemerling, Office Manager
Carol Jasa, Secretary
Randy Hellbusch, Circuit Rider
Mike Stanzel, Circuit Rider
Barney Whatley, GPS Specialist
Mike Lucas, Wastewater Technician
Pat Petersen, Training Specialist
Doug Buresh, Source Water Specialist

Website: www.nerwa.org

On the cover:

Cairo Water Tower.

"This Institution is an Equal Opportunity Provider and Employer."

“Nebraska Good Water News” is a quarterly publication of the NEBRASKA RURAL WATER ASSOCIATION, 3390 Ponderosa, Wahoo, Nebraska 68066. Phone 1-800-842-8039 or (402) 443-5216 or FAX (402) 443-5274. Copies are mailed to all member rural and municipal water operators, Federal and State Legislators, associates and individual members.

The NEBRASKA RURAL WATER ASSOCIATION is dedicated to the improvement and assistance of all public water systems in the State of Nebraska.

NOTICE: Nebraska Rural Water Association does not endorse any particular product or company in this publication. Membership and advertising should not be taken as an endorsement.

How'd We Do and Letters From...

VILLAGE OF DORCHESTER

701 Washington Ave., PO Box 287 | Dorchester, NE 68343
Phone: 402-946-3201 | Fax: 402-946-3571 | dorchester@diodecom.net



May 15, 2015

Nebraska Rural Water Association
3390 Ponderosa Drive
Wahoo, NE 68066

Dear NeRWA staff,

The Village of Dorchester Board of Trustees and employees would like to extend our sincere appreciation to Nebraska Rural Water Association for the many services you provide to our community. Your organization is always willing to share your knowledge and provides prompt service so that our utilities continue to run smoothly.

Your ongoing efforts to manage and promote safe, clean water for the citizens of Nebraska are commended. Please accept our donation of \$500.00 to continue in your cause.



Keep
Fremont
Beautiful

1005 N. Clarkson St. • Fremont, NE 68025 • (402) 941-6122 • keepfremontbeautiful@gmail.com

April 29, 2015

Barney Whatley – NE Rural Water
3390 Ponderosa Street
Wahoo, Nebraska 68066

Dear Barney,

Thank you so much for presenting "Source Water Protection" information at the Eco-Fair. It's great having someone with your experience and dedication interacting with the students (and adults) year after year! We appreciate your expertise and willingness to serve!

Mark your 2016 calendar - next year's Eco Fair is scheduled on April 21, 2016. We hope that you will be available to assist.

Thank you for all you do to Keep Fremont Beautiful!

Your perspective
Sincerely,

Cathi L. Sampson
KFB Assistant Program Director

Best Regards,

Gloria J. Riley,
Village Clerk - Treasurer

CITY OF GORDON

311 North Oak Street
PO Box 310
Gordon, NE 69343-0310
Phone: (308) 282-0837
Fax: (308) 282-1431
E-mail: gordon@gpcom.net

City Manager
Fred Hlava
City Clerk
Kim Buchan
Deputy Clerk
Glen Spaugh
City Council
Nancy I Russell, Mayor
Jane Morgan, Vice-Mayor
Tom Evans
Tim Bounous
Kelly Grant

April 30, 2015

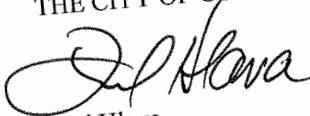
Nebraska Rural Water Association
3390 Ponderosa Drive
Wahoo, NE 68066

Dear NE Rural Water Association:

On behalf of the City of Gordon, I would like to personally thank you for all of the time and work you have dedicated to our city and to the surrounding communities. The Nebraska Rural Water Association is valuable asset to all of the cities in our area. Most recently, I had the pleasure of working with Randy Hellbusch, as he completed a water rate increase survey for the City of Gordon. The knowledge and experience Mr. Hellbusch and the association provided was greatly appreciated.

Once again, thank you for your tireless efforts in helping communities achieve success by being a supportive resource. Please accept the enclosed donation on behalf of the City of Gordon.

THE CITY OF GORDON


Fred Hlava
City Manager

Thank You

Thank you for your recent assistance in leak location.

A donation of appreciation is enclosed.

Village of Spencer, Ne.

Trenching & Shoring and Confined Space Entry Classes

Competent Person for Excavation and Trench will be held on Wednesday, August 12. Confined Space Entry will be held on Thursday, August 13. Both classes will be held at the NeRWA office.

Mid West Fire Training Associates of Burlington, Kansas, is the instructor for both classes. Their staff consists of Certified Professional Instructors and the two training courses have been recognized as meeting OSHA requirements for these topics.

Both Excavation/Trench and Confined Space Training provide hands-on opportunities for participants, using MSFTA's portable training equipment. Each class is specially designed for municipal water and wastewater personnel, electric and gas utility workers, fire and rescue personnel, line and street crews and others who need to be aware of trench, excavation and confined space hazards.

Cost for attendance is \$140 a day per person.

Class each day will be 8:00-5:30. Morning and afternoon breaks will be provided along with one hour for lunch.

**Trenching & Shoring
(Limit 24)**

Definition of a Trench
 Duties of the Competent Person
 Weight & Pressures of Dirt
 Types of Cave-ins
 Soil Classification
 Testing of Soil
 General Requirements 1926.651
 Sloping and Benching
 Timber Shoring
 Aluminum Hydraulic Shoring
 Trench Boxes
 Understanding Shoring Requirement
 What To Do In A Trench Emergency
 Hands-On:
 Review equipment, install hydraulic shores, and install pneumatic shores
 Final Test

Credit Hours: 8 hours for Grades 1-4 & Wastewater

**Confined Space Entry
(Limit 32)**

Definition of a Confined Space
 Definition of Permitted Confined Space
 Duties of Participants
 OSHA & NFPA Regulations
 Fall Protection
 Personal Protective Equipment
 Hazardous Materials
 Communications
 The Rescue Team
 Atmosphere Testing
 Ventilation
 Hands-On:
 Strap on full body harness, operate retrieval system, make vertical and horizontal entry, lockout-tag out SCBA Awareness, ventilation equipment
 Final Test

Credit Hours: 8 hours for Grades 1-4, Grade 6 and Wastewater

Please fill in the following:

Water Certificate # _____ Grade: ____
 Grade 6 Certificate # _____
 Wastewater Certificate # _____

Name

Employer

Address

City, State, Zip

Phone

Address to mail certificate if different from above

CLASS ATTENDING

____	Aug. 12 - Trench Safety	\$140
____	Aug 13 - Confined Space	\$140
		Total \$ _____

NeRWA use only:
 Payment Received _____ # _____

HOURS EARNED: WATER _____ WW _____ BF _____



Pilger: One Year Later

By Mike Stanzel, Circuit Rider

Well, it's been just over a year since twin tornadoes ripped through this small Nebraska town forever changing its landscape. Pilger has been deemed "The Town too Tough to Die."



They have issued 44 zoning permits in the past year that include 17 for new houses. There are also plans in the works for a new community center, city hall, maintenance shop, a church, convenience store, Fuel Mart, bar and grill and a bank.



Although the entire water system went pretty much unscathed, the tornado ripped a path directly through town taking everything in its path, including houses, grain elevators, the Coop, the bank, the school, churches and City Hall. Other than numerous fire hydrants that were damaged from trees and debris, the wells, treatment plant and tower were spared.

They also have received numerous grants and donations for things like tree stump removal and street repairs.

NeRWA has had several training classes on dealing with the aftermath of a disaster like this, including a 2 hour general session at our conference that was attended by approximately 220 people. The question and answer session was very informative and brought up some very good suggestions for future planning.



Needless to say, I was impressed to see this small town standing together and rebuilding for their future.



Going back to Pilger a year later I was amazed to see the new construction going on all throughout town. Prior to the tornado, Pilger had 200 service connections. As of now they are sitting at 130 service connections.



2014-2015 Water and Sewer Rate Study

By Carol Jasa, Office Secretary

With a sigh of relief I can say that the 2014-2015 water and sewer rate study is completed. That is always an accomplishment because I work on it around all the other office duties I have. A lot of you that have requested one of the rate studies have received it and the rest of you will be getting yours in the near future. If anyone else is interested in getting a copy, please contact us. If you are a member and sent in your information for the study, your first rate study is free and any extra ones are \$25.00. If you are a member and didn't send in any information, then the study will cost you \$25.00. Non-members that sent in information will get the reduced rate of \$25.00. Otherwise, everybody else will have to pay \$50.00.

Also, I can't thank all of the systems enough that sent in their system's information. It took extra time out of your busy schedules and I want you to know that it was really appreciated.



Mailing Addresses for Operators

Just want to mention to the water and wastewater operators that it is important to tell your system's clerk what address you would like them to put down on the NeRWA membership renewal form each year. We send a membership renewal form out to the systems' clerks every year and we put the information they send back to us in our database. If you want to receive our mailings at a certain address, please let your clerk know.

SEWER CAMERA FOR SALE

One used Radiodetection Gator Cam 3+ digital video sewer inspection system. Has a self-leveling camera with approximately 180 feet of cable. Sealed bids will be accepted at: NeRWA, 3390 Ponderosa Street, Wahoo, NE 68066. A minimum bid of \$1,000.00 is requested. No warranties or guarantees are given or implied. Sealed bids will be taken until August 31, 2015.



JEO CONSULTING GROUP INC
800.723.8567 jeo.com

Water Storage
Wells & Transmission Mains
Distribution System - Water Treatment
Water Rate Studies & Flow Analysis
Water System Mapping
Water Booster Stations
Rural Water Districts

ENGINEERING ARCHITECTURE SURVEYING PLANNING



Land of Extremes

By Mike Lucas, Wastewater Technician

Remember back in 2012 when many systems were running potable drinking water into their wastewater collection systems to attempt to maintain a minimum of 2 feet of water in their lagoons? Now here we are in 2015, only 3 years later, with water, water everywhere.

I've received many calls literally from border to border in the state regarding issues with flooding and high ground water levels. Inflow and infiltration (I&I) has been a hot topic this year.

When looking for sources of I&I it's really a two-fold effort, video inspection of sewer mains and also sewer smoking in combination. Each effort will reveal issues that the other will miss. I currently have 12 systems on my "to do" list for smoking either all or parts of their collection systems. It's best to wait for the flows to decrease and the soil to dry out for the most effective inspections. It also helps if the operator can isolate sections of the collection system where they think there is excessive flow to help prioritize areas for inspection.

It is important to regularly read and record flow readings at lift stations and at the treatment facilities, either mechanical plants or lagoons. It's also important that your lift station pumps are calibrated annually so that if you are using hour meter readings to calculate flows you have the most accurate data. I can talk you through that process or help you with it. This has an additional benefit in that you can compare the actual gallons per minute (gpm) pumped to the theoretical nameplate gpm which would indicate pump wear.

Remember that if you normally have seasonal discharging lagoons and you have to do discharge during the recreational season, additional lab tests are usually required.

If bad comes to worse and you have to do emergency discharges or bypasses based on mother-nature overwhelming you, there are still NDEQ notification requirements. I have only heard good comments regarding the Department's willingness to work with the operators and systems this year. That positive relationship is extremely important.

Don't worry! The weather will change and we will all be facing new challenges. They tell me that it all builds character. If so, then you should all be of exemplary character for sure. ☺

MUNICIPAL PIPE SERVICES

-LINE STOPPING	3/4" - 60"	
-LINE TAPPING	2" - 60"	
-VALVE INSERTION	4" - 16"	
-VALVE TURNING		
-PIPE REPAIR		

For all your **POTABLE** and **WASTE WATER** needs

BOB HENNIG
SALES MANAGER
1615 WEST "J" STREET
HASTINGS, NE 68902
1-800-395-7473
CELL: 402-469-1886
FAX: 402-462-4408
E-MAIL: BOB@MUNICIPALPIPESERVICES.COM



WWW.MUNICIPALPIPESERVICES.COM

Municipal Automation & Control

municipalautomation.com

Design, Build, Service

WATER / WASTEWATER CONTROL SYSTEMS

Bill Simmerman - Owner
Cell: (308) 233-4729
bill.s@municipalautomation.com

211 N. Tyler
PO Box 393
Elm Creek, NE 68836
Office/Fax: (308) 856-4730

WE ARE AN **AMERICAN** TRADITION



WE ARE MAGUIRE IRON

We've been providing communities with functional landmarks since 1915. Maguire Iron designs, fabricates, erects, paints and repairs water towers and tanks. We look forward to the next century with great pride as a family-owned American company.



MAGUIREIRON.COM | 605 334-9749

WATER TOWER SPECIALISTS



Welcome...

We would like to welcome Doug Buresh back to the Nebraska Rural Water Staff. Doug worked for NeRWA from 2009 through 2012 as a Circuit Rider and Training Specialist. He will be replacing Mike Stanzel as our Source Water Specialist. Mike will be taking over Russ Topp's position as Circuit Rider. Russ resigned from NeRWA in May of this year.



ELECTRIC PUMP

Proudly Serving the Municipal/Industrial Water and Wastewater Market in: Iowa, Illinois, Minnesota, Nebraska, North Dakota, South Dakota and Western Wisconsin

Des Moines, IA

515-265-2222 / 800-383-PUMP (7867)

New Prague, MN

952-758-6600 / 800-211-6432

Fargo, ND

701-293-0204

Omaha, NE

800-383-7867

www.electricpump.com

Factory authorized shop and field service for all products offered



Process Equipment is offered by EPI Environmental.

Please see the website at www.epi-environmental.com



Back Where I Started

By Barney Whatley, Capacity Development Specialist

The Department of Health and Human Services (DHHS) advertised the Technical Assistance contract for proposals, and the Nebraska Rural Water Association (NeRWA) was awarded the contract following the bidding process. This is basically the same contract I was working under when I first came to work for NeRWA sixteen years ago, with a few exceptions. The original Technical Assistance contract consisted of two separate contracts; one for technical assistance and one for financial and managerial assistance. I was hired by NeRWA to provide the technical assistance to water systems in Nebraska. The current contract combines the technical assistance with the financial and managerial assistance, and also adds board training.

I will mainly be working with communities that are out of compliance with state regulations. This will most often occur when they either do not submit a timely response to the letter they have received following a sanitary survey, or if they have not met a deadline for completing corrective actions. I will also be completing system assessments for those systems receiving State Revolving Loan Funds (SRF) either prior to the funded project or several years following its completion. The purpose of these assessments is to determine if the project money was well spent and assisted the system in improving its technical, managerial and financial (TFM) capacity. Although these assessments are a requirement for receiving SRF funding, any system may request having an assessment completed to determine their TFM capacity and what steps they could take to improve it.

If the needs of water systems have not changed since NeRWA previously held this contract, I will also be assisting systems by performing rate studies for those systems requesting them through the 2% contract. Any system can take advantage of this by contacting Scott Sprague at (402) 471-0088 and requesting one. Any system can also be assisted in setting up an asset management plan, employee handbook, job descriptions or other management tasks through this contract.


A new addition to the contract in recent years has been training for owners and board members of Nebraska water systems. This will be done throughout the state, utilizing the resources that NeRWA already has on staff. Some of the subject matter to be covered will include budgeting, running a public meeting, knowing your system, the responsibilities

that are assumed by elected officials, and any other subject matter that would be beneficial to the system. If your Council or Board would like to take advantage of this type of training, please contact the NeRWA office or myself and we will try to set up a training session either in your community or at least in your general area. These sessions do not have to be for a single community or system, so it could work to invite neighboring systems to attend the training.

It will be nice to get back on the road and start visiting with and helping out water systems again. It feels as though I have been spending way more time than I want to in the office, and I look forward to getting back to helping systems and visiting with operators, City Clerks and Board Members.


Stainless Steel Products

Superior Quality – Superior Protection



FORD www.fordmeterbox.com
260-563-3171

STAINLESS STEEL
by Ford Meter Box



Nebraska Rural Water Association

EARLY REGISTRATION

Western Nebraska Fall Pre-Conference and Conference

September 15-17, 2015

Gering Civic Center

1050 "M" Street

Gering, Nebraska

One name per form. Make sure to indicate all your licenses to insure proper credit hours:

Name _____

Certificate numbers: Water # _____ Grade 6# _____ WW # _____ Well Driller _____

System/Company Name _____

Address _____

City, State, Zip _____

DAYS ATTENDING	MEMBER	NON-MEMBER
PRECONFERENCE—Sept 16— DEADLINE SEPT 7 (lunch included)	_____ \$65.00	_____ \$90.00
FULL CONFERENCE WITH PRECONFERENCE (includes all meals)	_____ \$165.00	_____ \$190.00
FULL CONFERENCE (includes all meal tickets)	_____ \$100.00	_____ \$125.00
WEDNESDAY ONLY (includes Banquet)	_____ \$60.00	_____ \$85.00
THURSDAY ONLY (includes breakfast buffet and lunch)	_____ \$65.00	_____ \$90.00
GUEST BANQUET TICKETS— \$15 x _____	TOTAL \$ _____	TOTAL \$ _____
GUEST LUNCH TICKETS—\$10 x _____	TOTAL \$ _____	TOTAL \$ _____
GOLF TOURNAMENT ON TUESDAY AFTERNOON _____ YES		
TRAP SHOOT ON WEDNESDAY MORNING _____ YES		
POKER RUN ON WEDNESDAY MORNING _____ YES		

Meals are included with the conference registration. Extra meal tickets are available above.

The venue needs a count for the evening meal. Please indicate if you will staying for the Wed evening meal: Yes _____

**EARLY REGISTRATION DEADLINE
is Sept 4.
Fee increases \$25 for registrations
dated or postmarked between
Sept 5 and Sept 11.
NO REGISTRATIONS AFTER SEPT 11.
\$50 increase at door.**

TOTAL DUE \$ _____
 Late charge, if any \$ _____
 Total \$ _____

BILL ME _____
 PO# _____
 CHECK ENCLOSED _____
 (Note: Certificates will not be mailed until payment
 is received in NeRWA office.)

To Register (no phone registrations):
 Fax: 402-443-5274
 Online: www.nerwa.org
 Mail: Nebraska Rural Water Association
 3390 Ponderosa Street

When making room reservations, mention you are with NeRWA
 Monument Inn, 1130 "M" Street
308-436-1950

DATE REGISTRATION RECEIVED: _____

For NeRWA office use only: Hours: Water _____ BF _____ Wastewater _____ WD _____

Payment received _____ Check # _____ Certificate mailed _____



Western Conference

By Pat Petersen, Training Specialist

As the summer heat continues to warm us up, it's time for me to start looking towards the fall season and planning the western conference. Once again the Nebraska Rural Water Association will be heading west to Gering, Nebraska and invading the Gering Convention Center for 3 days of learning and fun. This year the pre-conference will take place on Tuesday, September 15th. The conference itself will be held Wednesday, September 16th in the afternoon and then Thursday, September 17th will be an entire day of training sessions.

A preliminary theme for the pre-conference will be "What the Future Holds for Your Water System." If all things come together, we will focus on the specific things that can and will affect your water system now and in the future. Certain topics we hope to discuss at the pre-conference may include; infrastructure, new metering, budgeting and finally operator replacement. This should be a very good session to help all operators and city leaders see how the water world is changing. Following the Pre-Conference, the annual golf tournament will take place. If you have any questions about the golf tournament you can contact myself or Randy Hellbusch.

The traditional morning at the trap range or the poker run through the western sandhills will take place on Wednesday morning. Operators will have a chance to show off their trapshooting skills or relax on a 3 hour motorcycle ride before training sessions begin. If you are interested in the trapshoot, you can contact Mike Stanzel. DHHS Area 8 Field Rep., Doug Woodbeck, and Scottsbluff water operator, Jack Satur, will be heading the Poker Run which will begin in front of the Gering Convention Center.


Howard Isaacs will give the annual regulatory update to kick off the conference. For those of you who may not know, Howard has stepped into the position that was held by Jack Daniel. Following Howard will be a presentation by Bill Podraza of Miller and Associates giving operators advice on how to approach and speak with their governing board or council. Rich Koenig will finish up the day on Wednesday with a presentation about a situation that happened to him. Rich is the DHHS Field Rep. for Area 3 and his presentation is entitled "We Don't Know What Happened, Now What?" A social hour and awards banquet will finish off our Wednesday festivities. This looks like it will be a great start to our fun fall conference!


Thursday, September 17th will begin with the operators' breakfast followed by 6 hours of training sessions. Some of the sessions include: Sample Sites/Assessments, Wastewater Operator Certification, Disinfection Bi-products and several opportunities for backflow education. Recertification hours will be sent in for approval for water operators, wastewater operators, Grade 6 operators and well-drillers.

Finally, I want to take this opportunity to thank Russ Topp for everything he has taught me in the wonderful world of water. Thanks, Russ! Enjoy your retirement. You deserve it!

Sargent Drilling Co.

- **Test Well Drilling**
- **Water Well Design and Construction**
- **Complete Pump Machining Facility**
- **Pump Repair**
- **Loaner Motor Service**
- **Pump Test Labs**
- **Video Surveying**
- **Acidizing and Chemical Treatment**
- **Sonar Jetting**





Complete Municipal Water Well and Pump Service in Nebraska, Wyoming, Iowa, Kansas, Missouri, Colorado, & South Dakota

24 Hour Emergency Service

MUNICIPAL AND INDUSTRIAL DIVISION

<p>Broken Bow Office PO Box 627, 263 South 23rd Broken Bow, NE 68822</p> <p>Gary McCracken, Branch Manager Shad Yarrington, Salesman</p> <p>Office: (308) 872-5125 After Hours: (308) 870-0138</p>	<p>Geneva Office PO Box 367, 846 South 13th Geneva, NE 68361</p> <p>Doug Yantzie, Municipal Manager</p> <p>Office: (888) 496-3902 After Hours: (402) 759-2929</p>
---	---

2015 TOPICS FOR FALL CONFERENCE

Nebraska State Regulation Update
“We Don’t Know What Happened, Now What”?
Proper Ways to Address Boards and Councils
Source Water Protection Plans
Wastewater Certification Update
Public Notice Procedures
Trench Safety
Confined Space Safety
Field Rep Round Table
Disinfection Bi-Products
Fire Hydrant Flow Testing and Maintenance
Modern Maintenance Materials
Frequently Used Terms You May Not Know

Microtel Inn and Suites
1130 M St, Gering
308-436-1950
866-436-1950

When you stay at the Monument Inn & Suites as your Gering/Scottsbluff Hotel you'll have access to many exceptional amenities. The hotel is right next to the Gering Civic Center and offers several complimentary services.

Check-in 3:00 pm

Check-out 12:00 noon

Accepted at this hotel: American Express, Carte Blanche, Diners Club, Discover, MasterCard, Visa

Property Amenities:

Guest Business Center
Exercise Room
Free 24 Hour Airport Shuttle
Free Hot Breakfast
Guest Laundry
Meeting Room (15 - 20 persons)
Complimentary Fax and Copy Service

Room Amenities:

In-Room Keurig Coffee/Tea Service
Flat Screen TV with USB Ports
Free Local and Long Distance Calls
Free High Speed Wireless Internet
Microwave
Refrigerator/Freezer
Complimentary Bottled Water
Local Newspaper

Nebraska Rural Water Association 2015 Western Conference

CONFERENCE AT A GLANCE

Tuesday, September 15, 2015

7:30AM-8:00AM	Pre Conference Registration
8:00AM-12:15PM	Attend Pre Conference Sessions
12:15PM-12:45PM	Lunch (Provided for Pre Conference Attendees)
12:45PM-1:45PM	Attend Pre Conference Sessions
2:30PM-6:00PM	Golf Tournament at Riverview Golf and Country Club

Wednesday, September 16, 2015

8:00AM-12:00PM	Exhibitor Set-up Begins
8:30AM-12:00PM	Trap Shoot at the Mitchell Valley Trap Club
8:30AM-12:00PM	Poker Run Motorcycle Ride
10:00AM-12:30PM	Registration Opens
11:30AM-12:30PM	Lunch (On your Own)
12:30PM-2:00PM	Training Sessions
2:00PM-2:15PM	Break, Tour Exhibits
2:15PM-3:15PM	Training Sessions
3:15PM-3:30PM	Break
3:30PM-5:00PM	Training Sessions
5:00PM-6:00PM	Social Hour in Exhibit Area
6:00PM-7:00PM	Banquet and Awards

Thursday September 17, 2015

6:30AM-7:30AM	Breakfast in Exhibit Area
7:00AM-8:30AM	Conference Registration
7:30AM-8:30AM	Training Sessions
8:30AM-8:45AM	Break, Tour Exhibits
8:45AM-9:45AM	Training Sessions
9:45AM-10:00AM	Break, Tour Exhibits
10:00AM-11:00AM	Training Sessions
11:00AM-11:15AM	Break, Tour Exhibits
11:15AM-12:15PM	Training Sessions
12:15PM-1:15PM	Lunch in Exhibit Area
1:15PM-2:15PM	Training Sessions
2:15PM-2:30PM	Break
2:30PM-3:30PM	Final Training Sessions



I'm back...

By Doug Buresh, Source Water Specialist

Greetings, all! It's good to be working once again for the Nebraska Rural Water Association where I will serve as the new Source Water Specialist. I am looking forward to renewing old acquaintances and making new ones. For those who don't know me, I got my start in my parents' plumbing business where I worked for twenty-five years before moving into municipal waterworks operations. I became a licensed wastewater operator in 2002 and water operator in 2003. I have a degree in geography from the University of Nebraska-Lincoln. In my free time, I enjoy deer and mushroom hunting.

Whether a Public Water Supply System relies on groundwater, surface water, or a combination of the two, protecting its existing sources of water is important. If you have any questions about what is involved with creating or

updating a Wellhead Protection Plan for your system, please feel free to contact me on my cell phone at (402)480-4196, or email me at doug@nerwa.org.



Chris Johnson
Gary Kluthe
Matt Moul

Relationships • Technology • Service

Location:

4428 South 108th Street
Omaha, NE 68137

(402) 551-7995
(402) 553-5879 Fax

Bartlett & West

For over 60 years — engineering clean and safe water for our communities and for you.

& you

Water Engineering Services

- Preliminary, feasibility, and design reports
- Water source, treatment, and distribution design
- Long-range strategic and financial planning
- Regulatory compliance—strategies and planning
- GIS, GPS, and specialized system modeling
- Permitting, land rights, and easement management



1200 SW EXECUTIVE DR ■ TOPEKA KS ■ 888.200.6464 ■ BARTWEST.COM

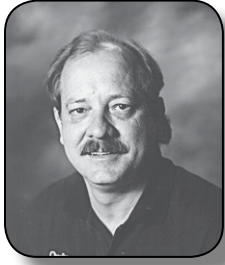
WE NEED YOUR WATER TOWER...

We are running low on pictures of water towers. Send us your tower!!!

We are putting the water towers of Nebraska on our cover and are featuring a different tower on each issue. We have only used up a fraction of the towers in the state.

Let us add your name to our list and see how long it gets. Email a picture to salli@nerwa.org.





Do You Have a Good Main Flushing Program?

By Randy Hellbusch, Circuit Rider

All of us involved in the drinking water industry want to deliver the best possible product to our customers. We also all work with a limited budget and money constraints. One of the most economical ways to improve water quality in a distribution system is by having a good flushing program. Things that cause buildup of slime and deposits inside of pipes can be cured with a good flushing program. Flushing is one of the best and most economical methods of eliminating taste and odor problems as well as increasing pipe flows throughout the system. It is also beneficial if you operate a chlorinated system by reducing chlorine demand and improving residuals.

There are basically two methods of flushing water mains: conventional & unidirectional. Conventional flushing is

when hydrants are opened in a manner that allows for water to flow in all directions to the hydrant. This method does not usually create high flows and velocity is normally 2 to 2.5 ft. per second as water is coming from various directions.

Unidirectional flushing creates maximum flow to the hydrant by allowing the water to only travel in a certain section of main. 5 to 7 ft. per second velocity can be achieved with unidirectional flushing. This creates a scouring effect within the pipe increasing the removal of slime and debris that build up over time. This is accomplished by closing valves strategically so that the hydrant is only being fed in one direction. The distance to be flushed should be kept to a maximum of 1500 ft. The volume of each flush is dependent on the length of pipe being flushed at a minimum of 2.5 x the volume of the pipe in question. This usually will take 15 to 30 minutes per flush. There are a few operational considerations before any hydrant flushing occurs.

1. Control the discharged water to avoid flooding of storm sewer and streets.
2. Notify the public of flushing dates, times and areas.
3. Keep records of any hydrant or valve issues during the process.
4. Traffic control is important for the safety of system operators as well as the public.

Hard to operate or inoperable valves are a big reason many operators shy away from unidirectional flushing. NeRWA has a WACHS hydraulic valve turner to assist with this process. Just call the office or any of the field staff if this is something you are interested in or if you have any questions about a main flushing program.

ASI
American Structures, Inc.
Menomonie, WI
www.ameristruc.com

American Structures, Inc.
Bolted, Stainless Steel Tanks
Storage Tank Solutions for Water,
Waste Water, and Dry Storage

- Tank & Silo Parts
- Steel Fabrication & Machining
- Rhino® Lining Industrial Coatings

Call or email us for a quote at:
715-235-4225
www.ameristruc.com

DN TANKS
DYK and Natgun
Generations Strong

Sustainable Infrastructure
Prestressed Concrete Water Storage Tanks

913.681.6006 | www.dntanks.com
Dave Ornduff, Regional Manager
dave.ornduff@dntanks.com

Nebraska Good Water News

Nebraska Rural Water Association - 3390 Ponderosa Drive - Wahoo, NE 68066
 Home | Office | Membership Info | Training | Annual Conference | Fall Conference | EXPO

Contact NeRWA... ▼

NeRWA Staff

Water Circuit Rider I
Water Circuit Rider II
Training Specialist
Wastewater Tech.
Sourcewater Protection Specialist
Capacity Development Specialist
Office Manager
Secretary
Board of Directors



News & Downloads Page NEW

Register on Line for Training
 Available Equipment



BARTLET
 SERVICE. THE BARTL



Informational Links

National Rural Water
USDA Rural Development
NE Public Water Supply
HHS License Information
SDWIS System Data
EPA Wastewater
EPA Drinking Water
Nebraska DEQ
League of Municipalities
Nebraska Section, AWWA
AWWA Library Reference Listings
NeRWA Associate Members

NeRWA Contact Information:

Nebraska Rural Water Association
 3390 Ponderosa Street
 Wahoo, NE 68066

Office phone numbers:

800-842-8039
 402-443-5216
 Fax: 402-443-5274
 Website: www.nerwa.org
 Email: office@nerwa.org



Cell

Email

Randy Hellbusch	402-443-8535
Mike Lucas	402-443-6157
Pat Petersen	402-277-6699
Mike Stanzel	402-672-9084
Doug Buresh	402-480-4196
Barney Whatley	402-480-4297
Salli Kemerling	402-443-7072
Carol Jasa	

randy@nerwa.org
lucas@nerwa.org
pat@nerwa.org
mike@nerwa.org
doug@nerwa.org
barney@nerwa.org
Salli@nerwa.org
Carol@nerwa.org

Nebraska Rural Water Association

3390 Ponderosa
Wahoo, NE 68066

PRSR STD
U.S. POSTAGE
PAID
MAIL U.S.A.



“Local Service, Nationwide”

**10707 S. 149th Street
Omaha, Nebraska**

Sensus Meters & AMR Equipment
Smith-Blair Clamps & Couplings
Ford Meter Box Company
Febco Backflow Devices
Tyler Fittings & Valve Boxes
Griffin Ductile Iron Pipe
AY McDonald Curb Boxes
Uni-Flange Adapter Flanges
Megalug Mechanical Joint Restraint
Star Pipe Products
McElroy Equipment Rental

American Darling Valve & Hydrants
JM Manufacturing PVC Pipe
PVC Round Meter Boxes
Hymax Couplings & EZ-Max Repair Clamps
Contech Construction Products
Cherne Testing Equipment
Live Tapping Services
Northern Pipe Products
Mueller Gas Distribution Products
ADS HDPE Corrugated Pipe
GPK Products

Phone (800) 247-6811

FAX (402) 896-6379