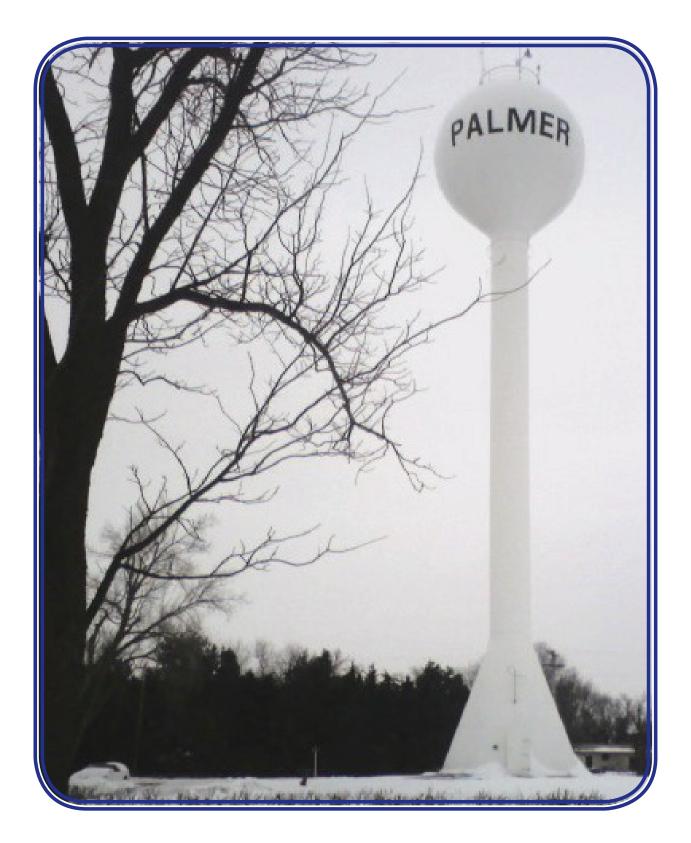
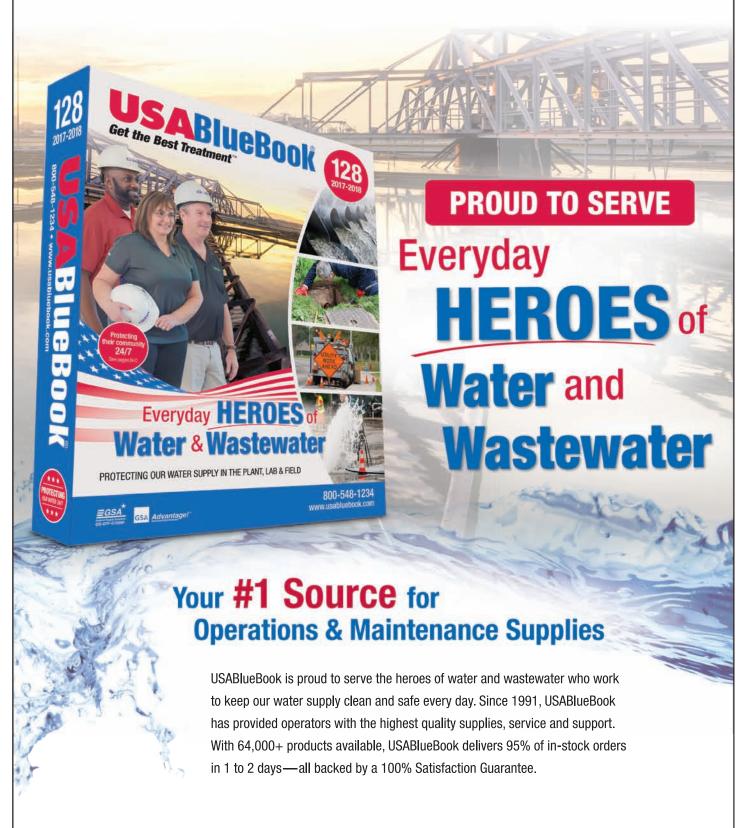
## **Nebraska Rural Water Association**



Nebraska Good Water News



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## Nebraska Good Water News

## Issue 4/2017

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"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.

#### **2017 TRAINING**

Wastewater Training

December 7 Burwell

Water Operator Training

November 15 Mullen

December 5 Auburn
December 20 Wahoo

Backflow Continuing
Education Training

December 5 Mitchell
December 6 Ogallala
December 7 Cambridge

December 13 Wahoo (FULL)
December 14 Wahoo (FULL)

Wastewater Certification Course
November 28-29 Wahoo - Lagoon

Registrations for <u>all fee-based</u> 1-day training classes and multiple day training courses will need to be made online, mailed or faxed to our office.

No phone registrations for **fee-based** training.

THIS IS RENEWAL YEAR FOR GRADES 1-4 AND GRADE 6
BACKFLOW LICENSES.
10 CEUS ARE REQUIRED TO RENEW YOUR LICENSE.

THESE ARE THE ONLY TRAINING CLASSES WE HAVE AVAILABLE FOR THE REST OF THE YEAR.



Location:

4428 South 108th Street Omaha, NE 68137 (402) 551-7995 (402) 553-5879 Fax



## **2018 TRAINING**

### <u>Grade 6 Backflow Prevention Cross-</u> Connection Control Course - 5 Day

January 8-12 Wahoo April 9-13 Wahoo October 15-19 Wahoo

### **Wastewater Certification Course**

February 27- March 2 Wahoo - Mechanical April 4-5 North Platte - Lagoon August 14-17 Wahoo - Mechanical November 27-30 Wahoo— Mechanical

#### **Wastewater Training** January 17 Chadron February 6 Wayne (SUMW) February 13 Anselmo March 27 Wahoo April 26 Omaha May 8 Bridgeport June 28 Ogallala July 10 Neligh Auburn August 7 September 27 Wahoo October 4 Omaha November 14 Columbus (this class may change) December 12 Aurora

Water Operator Training January 17 Firth						
January 17	FIIUI					
April 10	Bridgeport					
May 16	Osmond					
June 13	Sutton					
July 10 July 11	Chadron Valentine					
August 7	Ord					
October 16	Eustis					
November 15	Wahoo					
December 19	Red Cloud					

Backflow Continuing Education Training							
January 23	Alliance						
January 24	Sidney						
February 6	Nebraska City						
February 8	Stanton						
April 17	Cairo						
April 19	Falls City						
April 25	Wahoo						
May 9	Valentine						
September 26	McCool Junction						
September 27	Ord						
October 23	South Sioux City						
October 25	Atkinson						
November 8	Wahoo						
December 11	Mitchell						
December 12	Ogallala						
December 13	Cambridge						
December 18	Wahoo						

#### Annual Conference March 12-14

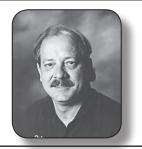
Younes Conference Center Kearney, Nebraska

Fall Western Conference Sept. 11-13

Gering Civic Center Gering, Nebraska

August 22	Trenching & Shoring Wahoo
August 23	Confined Space Entry Wahoo

Registrations for <u>all fee-based</u> 1-day training classes and multiple day training courses will need to be made online, mailed or faxed to our office. We will not be taking phone registrations for <u>fee-based</u> training.



## **Raising Revenues Without Raising Rates**

By Randy Hellbusch, Circuit Rider

When conducting rate studies, sometimes there are certain practices discovered that if these were properly implemented, a rate increase would possibly not be necessary, or at least not as huge of an increase. One main goal of all water system rates should be to be as fair and equitable to all users as possible. For example, many small systems find it difficult when shut off dates arrive for non-payment. I understand this. I have been there myself. The reality is if a strict shut off policy is not enforced, it is actually unfair to the users that do pay their bill on time. They are the ones paying the wages of the staff that have to spend time on shut offs and reconnects. Another area I often see is that all meters are charged the same monthly fee regardless of meter size. The customers with the larger meter are usually the ones that put the most demand on the system and therefore should pay accordingly. Below are 10 revenue-generating examples to take a look at next time revenue is running short of expenses and a rate increase is being considered.

- 1. Eliminate the minimum gallons allowed on water and sewer bill. Example \$20/month plus \$2.00/1000. Collect for all water that goes through the meter. This is the most fair and equitable method for all users in billing for water.
- 2. Eliminate the descending step rate. Example the first 5,000 at \$1.00/1000, next 5,000 at \$.75/1000 and over 10,000 at \$.50/1000. The cost is the same to pump the first gallon as it is to pump the 50,000th gallon. Descending or step rates actually discourage water conservation.
- Meter all connections and bill for all water consumed.
   Each user must pay a proportional share of operation, maintenance and replacement cost. City hook-ups should be metered to account for all water pumped.
- 4. Maintain an on-going meter replacement and testing program. Suggested schedule per AWWA is as follows: 5/8" every 10 years, 3/4" every 8 years, 1" every 7 years, 2" every 5 years, 3" every 4 years, 4" every 2 years, 6" or larger every year.

- 5. Have a meter charge or service charge based on the size of meter. A user with a 2" meter has the availability of 8X the volume of water compared to a 3/4" meter.
- 6. Amend water ordinance to adjust rates and fees by resolution.
- 7. <u>Have adequate reconnection fees</u>.
  - A. Fees should include a high fee for after hours and holiday reconnections.
  - B. If a shut off date has arrived, all who are on that list should pay a reconnect fee once staff has been sent out to conduct shut offs, regardless of whether they run in to pay at the last second. Staff has already allocated time for the effort.
- 8. Have adequate tap and inspection fees.
- 9. Have adequate deposit fees.
- 10. Have an accurate and separate record of revenue and expenditures for the water and sewer systems. Have a rates review by an outside source at least every three years.



Page 4 Nerwa



### **EPA Enforcement Action!**

By Mike Lucas, Wastewater Technician

Now that I have your undivided attention, an operator asked that I spread the word that EPA had recently taken enforcement action **in Nebraska** regarding nonreporting of Sanitary Sewer Overflows (aka: SSO's, backups & unscheduled bypasses). I continue to hear from operators that are unaware of the reporting requirements. As a reminder, if an SSO occurs and is determined to have come from the city main, the system has 24 hours to notify their NDEQ compliance officer of the incident and 5 days to report it in writing to the NDEQ office in Lincoln. Downloadable reporting forms are going to be made available on the NeRWA website to assist system operators with a standardized reporting form.

Several communities have been tied up in court in recent years dealing with SSO's. One community had been dealing with litigation for several years before it was finally settled.

No one wins when it takes that long to settle. It only takes upset customers, insurance companies or attorneys making a phone call to add "nonreporting" to your noncompliance violations.

SSO's are invariably going to happen. It's our responsibility to limit the frequency of the occurrences and the damages incurred to the best of our ability. This again highlights the need to follow a formal written maintenance plan with documentation including dates. I would recommend that you visit with your City Attorney and consider a formal policy statement designating who is responsible for service lines including the taps in the main. This should include definitions clarifying what are considered to be service lines and also collection system mains and, ultimately, who is responsible for what in the collection system.

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#### **Nebraska Rural Water Association**

#### **Annual Conference Pre-Registration**

March 12-14, 2018 Younes Conference Center Kearney, Nebraska

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MONDAY (evening r	meal)			\$100	.00	125.00	\$125.00	\$150.00		
TUESDAY (lunch & e	evening me	al)		\$175	.00	\$200.00	\$200.00	\$225.00		
WEDNESDAY (break	rfast & lunc	ch)		\$125	.00	\$150.00	\$150.00	\$175.00		
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Tues Banquet		\$30	\$							
Wed lunch		\$15	\$				mber: Bill Payment enclosed ment must accompany registration or			
To Register: Online: www.nerwa.org (If you register online, DO NOT mail one) Fax: 402-443-5274 Mail: Nebraska Rural Water Association 3390 Ponderosa Street Wahoo, NE 68066 NO PHONE REGISTRATIONS				- - - - -	pay when checking in.  HOURS WILL NOT BE SUBMITTED UNTIL PAYMENT IS RECEIVED.  When making room reservations, mention you are with NeRWA					
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Hours: Water _		BF	Wa	stewater		Certificate ma	ailed			

Page 6 Nerwa

## NeRWA Annual Conference YOUNES CONFERENCE CENTER Kearney, Nebraska

March 12-14, 2018

The annual conference is just four months away. Below are the hotels we will have room blocks in.

We are starting to line up the training sessions and will be sending out the topics in our Technical Action Update in December. The full agenda should be out in January. If you are interested in registering early, the form is in this magazine.

#### **Kearney Hotels:**

Ask for NeRWA room blocks

Fairfield Inn & Suites (connected to center) 308-236-4200

Comfort Inn (connected to center) 308-236-3400

Hampton Inn (next door) 308-234-3400

Wingate (next door) 308-237-4400

Holiday Inn Express (across the highway) 308-234-8100



## **Read and Reply**

By Barney Whatley, Capacity Development Specialist

As I travel across the state visiting systems that are either out of compliance or very close to it, I have noticed one thing that is a recurring theme: Operators are not reading the entire letter they get from the state. I cannot tell you how many operators read the sanitary survey letter they get until they reach the part that says. "Significant deficiencies must be corrected within 120 calendar days from the date of this letter," and then set the letter aside because they have plenty of time to do this and they are busy at the moment. If they would just read down a couple of more sentences, they would see, in bold, "DHHS DPH requires the (system) to submit a signed and dated written response to DHHS DPH within 30 calendar days from the date of this letter." The written response that is required does not require that the deficiencies be corrected, but does require the system to give a timeline in which they will be corrected. Operators should always read the entire letter they receive from the state, including the cover page that is sent.

The written response can be done by using the compliance plan that is attached to the letter itself, or by composing a letter addressing each of the deficiencies noted. It is recommended that the system use the compliance plan provided by inserting the date the deficiency was corrected or the date it will be corrected in the appropriate place on the plan, and then attaching a letter with any explanations that might be needed to the corrective action plan. An example might be that the water tower needs to be inspected. The date it is expected to be completed by should be placed in the plan (May 1, 2018) with an explanation that the tower inspection company has been contacted and advised that they will plan on getting to the system and inspecting the water tower in April of 2018.

The system needs to inform their field representative when the deficiencies have actually been corrected as well. All official communications with the state should be completed in writing, as there is a general consensus when dealing with any governmental entity that if it isn't in writing, it didn't happen. If for some reason a deficiency cannot be corrected by the date that was given in the compliance plan, the system needs to notify the field representative of this and give the reason that it won't be done, such as the water tower company called and cannot be here until June of 2018. Once the system has notified the field representative that a deficiency has been corrected or the date that it will be corrected has changed, this information can be entered

in the Safe Drinking Water Information System (SDWIS), and that can help the system avoid receiving a violation for the deficiency.

The state field representatives will try to contact their systems when the compliance date is approaching so the system can take the necessary action to avoid becoming overdue and out of compliance, but it is the responsibility of the system to take the steps necessary to correct the deficiencies in a timely manner. NeRWA is willing to come to the system and assist in correcting deficiencies, and I might show up unannounced if the system is on the 2% list to see if they need any assistance and to remind them of the upcoming deadline.

The important thing is for the operator or the person who receives the notification from the state read the entire letter to insure they understand what is expected and can get it completed before the deadline that is listed.



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Diane Becker Communications Director diane.becker@larmpool.org

For Immediate Release: August 28, 2017

"Geneva kids enjoyed new aquatic facility this summer"



Swimmers demonstrate the climbing wall during a swim break at the new Geneva Aquatic Facility in Geneva Nebraska. Geneva residents have enjoyed a new \$4 million Aquatic Facility this summer. It opened on Memorial Day with two slides, a splash pad, lily pads, zero depth entry area, a family slide, a diving board and a climbing wall. Though the pool is now closed for the summer, Pool Manager Jenny Glenn said that at times there were 350 people at the pool when in past summers about 50-70 swimmers came to the former outdated pool.

Geneva has been a member of LARM since 2014. LARM is a risk management pool made up of 164 government entities in Nebraska. For more information, contact LARM at 402-742-2604.

Blackbird Hill, Nebraska, is best known as the gravesite of the eponymous Omaha Indian Chief named Blackbird, who was famously buried sitting upright on his most prized horse. But the hill is also home to one of Nebraska's <u>oldest ghost stories</u>. In the late 1800s, a local man discovered that his wife still had feelings for a long-lost lover. Consumed in a fit of jealous rage, he stabbed his wife and then, in a panic, picked up her body, ran to the cliff on Blackbird Hill, and jumped. It's said that if you listen closely on October 17, you can hear a woman screaming near the top of that hill. (This was taken from "THE SCARIEST SPOOK STORIES IN THE 50 STATES.")





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## Did You Know?

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## ANNUAL WATER TASTING CONTEST MARCH 2018

As most of you already know, NeRWA has the Best Tasting Water contest at the Annual Conference each year.

Last year the Groves by Riverside Trailer Home Park won and will be sending their water to the national water tasting contest that is being held at the Water Rally in Washington, D.C. in February. It is possible for any of your systems to win the National Contest. Remember to submit your water at the conference in March.

The water contest is to be held at the Conference in Kearney. A panel of distinguished taste testers will judge all samples. The winner will be announced at the banquet on Tuesday, March 13. The winning system will compete against finalists from the other 49 states in the National Contest at the National Rural Water Association Water Rally in Washington, D.C.

#### Contest Rules:

- 1. Must be a member of Nebraska Rural Water Association
- 2. Sample must be from a Nebraska public water supply system
- 3. One entry per water system
- 4. Water must come before any point-of-use treatment
- 5. Water must come from the distribution system
- 6. Water should be in clean, unmarked gallon container
- 7. Entry form must accompany sample

Water must be received by 3:00 pm on Monday, March 12, at the conference registration table.

Water System:	
Submitted by: _	

If at all possible, please call our office in advance at 800-842-8039 or 402-443-5216 or email to salli@nerwa.org to let us know you are entering. Thank you.





## What to Flush: The 3 P's- Poop, Pee and (Toilet) Paper

## What NOT to Flush: Pretty much everything else

#### These are some items removed from sewers.

Baby wipes and cleaning wipes.



Shop rags and paper



Grease in a sewer manhole

Clothing and cloth products



The cord between these two ear plugs is wrapped around rags. Dental floss does the same thing.

Hair nets



A mass of rags and plastics





A section of pipe plugged with grease



YOUR CHOICES DIFFERENCE!



Questions? Contact Nebraska Rural Water Association. 800-842-8039. Info@nerwa.org

Page 14 **NERWA** 



## Protect Your Sewer, Protect Your Environment. Don't Flush That!

Sewers are designed to take our wastewater and carry it safely to a treatment plant. But other items often get flushed and can create problems. We all need to keep things flowing through the sewer. Poop, pee and toilet paper? Okay.

Everything else? Put it in the trash!

#### Here's a quick quiz:

- Do you want to keep raw sewage from backing up into your home?
- Would you like to keep sewage from bubbling out of the manhole in the street outside?
- When you flush your toilet, would you rather see the water go down instead of overflowing?
   If you answered yes to any of these, then don't use your toilet as a trash can!

## Not convinced? Try this simple test:

- Take a square of toilet paper. Put it in a jar of water and swish it gently with a stick. The toilet paper quickly disintegrates, just as it would in a sewer.
- Now try the same thing with a baby wipe. It doesn't break apart and, in fact, the things are pretty near to indestructible in a sewer system! Try the same thing with a paper towel.
- Remember, just because it goes down when you flush, that doesn't mean it's not going to cause a problem.

#### Why YOU should care.

Sewer blockages can cause all of these:

- Plugged and overflowing toilets
- Poorly draining sinks and showers
- Raw sewage backing up through your drain
- Manholes overflowing onto the ground or into nearby surface waters.
- Health hazards and nuisance odors.
- Increases in the city's maintenance costs.
- Costly maintenance and repair bills for you!

Even things that are labeled "flushable" can cause problems in the sewer system. Flushable toilet brushes and mop heads? Put them in the trash!

#### Don't Flush That!:

- \* Paper towels
- Wipes (even "flushable" ones)
- Cloth or paper rags
- Plastic items
- Condoms
- Feminine hygiene products
- Diapers
- Kitty litter
- Cigarette butts
- Dental floss
- Latex gloves
- Hypodermic needles
- \* Facial tissues
- \* Grease
- \* Gas/oil/solvents
- \* Anti-freeze
- \* Paints
- Dirty water from washing cars
- Sewage from septic tanks
- Pesticides/herbicides
- \* Toys

#### NEBRASKA RURAL WATER ASSOCIATION SCHOLARSHIP APPLICATION 2018

#### **Personal Data** NAME Last First Middle \_\_\_\_\_CITY\_\_\_\_\_STATE\_\_\_\_ZIP\_\_\_\_ ADDRESS **Eligible System Employee Data** NAME TITLE ADDRESS\_\_\_\_\_CITY\_\_\_\_STATE\_\_\_ZIP\_\_\_ MEMBER SYSTEM \_\_\_\_\_ TELEPHONE\_\_\_\_\_ RELATIONSHIP TO APPLICANT\_\_\_\_\_ EMAIL\_\_\_\_ **High School Data** SCHOOL NAME\_\_\_\_\_ GRADUATION DATE\_\_\_\_\_ STATE\_\_\_\_ZIP\_\_\_ \_\_\_\_\_CITY\_\_\_\_ ADDRESS YOUR CLASS RANK NUMBER OF STUDENTS IN CLASS YOUR GRADE POINT AVERAGE (Transcript must be submitted with application) LIST BELOW ANY ACADEMIC AWARDS, MEMBERSHIPS OR OTHER SPECIAL RECOGNITION YOU HAVE RECEIVED DATING BACK TO YOUR SOPHOMORE YEAR. College/University Data IS THIS YOUR FIRST YEAR OF HIGHER EDUCATION? YES NO IF NO, CREDIT HOURS COMPLETED NUMBER OF CREDIT HOURS REQUIRED TO GRADUATE\_\_\_\_\_\_ COLLEGE GRADE POINT AVERAGE SCHOOL NAME CITY\_\_\_\_STATE\_\_\_ZIP\_\_\_ ADDRESS \_\_\_\_\_ 4-YEAR COLLEGE/UNIVERSITY PLEASE INDICATE: \_\_\_\_\_ 2-YEAR COMMUNITY/JUNIOR COLLEGE VOCATIONAL TECHNICAL SCHOOL MAJOR COURSE OF STUDY Priority will be given but not limited to water related studies. (For those already in college, a first semester transcript or grade report and second semester enrollment must accompany application) ON A SEPARATE PAGE IN 250 WORDS OR LESS, WRITE A BRIEF MESSAGE ON YOUR GOALS AS THEY RELATE TO YOUR EDUCATION, CAREER AND FUTURE PLANS Certification IN SUBMITTING THIS APPLICATION, WE CERTIFY THAT THE INFORMATION PROVIDED IS COMPLETE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE. FALSE INFORMATION WILL RESULT IN THE REVOCATION OF ANY SCHOLARSHIP GRANTED. Applicant's Signature\_\_\_\_\_ Date Parent Signature\_\_\_\_\_\_ Date\_\_\_\_\_

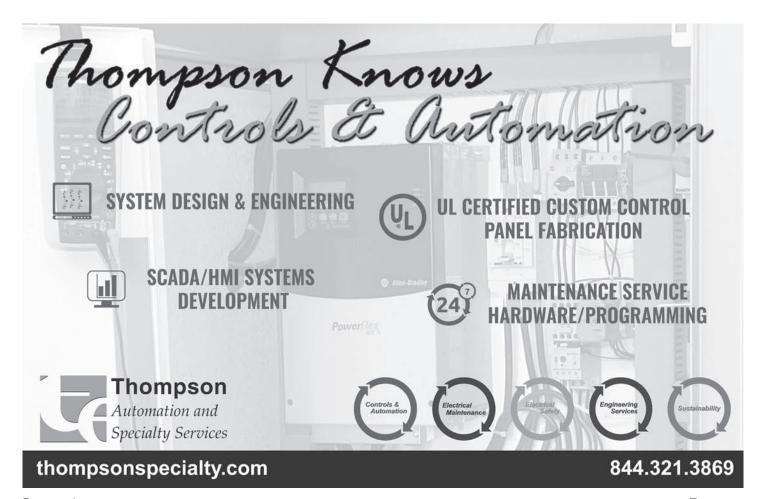
Page 16 Nerwa

#### **Nerwa Scholarship Application**

The Nebraska Rural Water Association is pleased to announce it will be presenting two \$1000 scholarships for higher education purposes for the school year 2018-2019 fall and spring semesters. The scholarship is available to children and stepchildren of member public water system employees. Employees of the Nebraska Rural Water Association Board of Directors and staff are not eligible. Interested persons should complete and submit the application in this mailing. Applications are due March 1, 2018. Please type or print – printing must be legible. Winners of the Scholarships will be announced at the Columbus Conference in March. Send all information to the NeRWA address.

#### **Official Rules**

This grant of Five Hundred Dollars (\$1000) will be made to a student to defray the cost of tuition, books, or room and board at an accredited institution of higher learning approved by the Nebraska Rural Water Association (NeRWA). Disbursement of the money will be made upon presentation of winner's college or university invoice as proof of full-time enrollment. The scholarship money will be paid directly to the student, two hundred fifty dollars (\$500) per semester. The scholarship will be awarded to children or stepchildren of member utility system employees. In order to be eligible for scholarship, applicants must complete the application form in its entirety by filling in all blanks. If item is not applicable please place a N/A in the blank. Upon completion return it to the NeRWA Scholarship Committee by the entry deadline, March 1, 2018. All applications will be first screened on the basis of leadership responsibilities in community and school activities as well as grade point average. Applicants will be evaluated on a comparative basis at the sole discretion of the committee. Decisions will be final. Application material and decisions of the committee shall be confidential. Acceptance of scholarship constitutes permission to use recipient's name and/or likeness for purpose of promotion.





## **The Trek West**

By Pat Petersen, Training Specialist

A lot of people look forward to September because of the fall colors beginning to appear, Husker football and kids going back to school. To me, September means heading west and seeing the operators that I don't get to see too often but wish I could visit more. September 12-14 was the week of the Western Conference in Gering, and once again the support shown by the operators in the panhandle was remarkable!

The format of this year's conference was similar to those in the past. The pre-conference took place on Tuesday and the full conference went from Wednesday afternoon until Thursday afternoon. Over 130 operators filled the halls of the Gering Civic Center along with 25 vendor booths. Something new this year at the pre-conference was a two hour session called the Operator Review. This presentation was put together by Field Reps Ralph Naber, Bob Byrkit and Dave Jundt. It is a question and answer session that provides operators a chance to discuss certain areas of being a water professional. Since we were in the western half of the state, Field Reps Tony Martinez and Doug Woodbeck along with the help of Ralph Naber handled this presentation. This session has become an integral part of the training classes that I provide and has been well-received by the operators, according to the evaluations that are completed at the end of each of the sessions. Heck! Who couldn't use an hour or two just to brush up on things that may have slipped our mind.

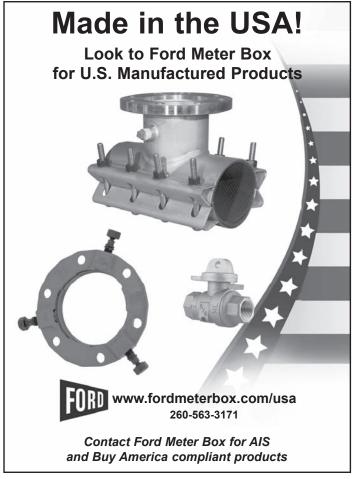
Golfers hit the golf course Tuesday afternoon for some fun and prizes. Over 35 teams participated and I would have to say that everyone enjoyed themselves. Some of this year's top golfers were Brett Melson, Randy Rudder, Nick Martin, Derek Olson, Jeff Kettleson, Ronnie Stewart, Steve Kelley, Monte Dakan, Graham Fisher and Ames Hartung. Several vendors chose to sponsor a hole for the golf tourney which allows the NeRWA to provide prizes for most of those who participate.

Wednesday morning started with a rumble and a bang with the annual poker run and trap shoot. 10 riders hit the road around 8 AM and over 20 participated in the trap shoot. 4 hours of learning took place after all of the fun, starting with Drinking Water Administrator Howard Isaacs, followed by Bill Podraza with Miller and Associates and concluding with Field Rep Rich Koenig with an exceptional presentation on "Planning for Change."

Following Rich's presentation, a Social Hour sponsored by Core and Main (formerly HD Supply) was held, allowing the operators to unwind before a delicious meal and awards. The NeRWA gave away several fun prizes that had an outdoor theme: coolers, flashlights, multi-tools, a fishing pole, and a game camera to name a few. Some of those winners were Gary Eckman, Andrew Stratman, Alan Krupicka, Shawn Anderson and Tommy Case.

Andy Kahle and Doug Woodbeck presented Mr. Ricky

continued on next page



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Dickinson from the Village of Bushnell with the Outstanding Water Operator Award. Ricky does a tremendous job for the Village and is very dedicated to doing a great job. Keep up the good work Ricky, and congratulations!

Thursday started with a fantastic breakfast at the civic center and then an early start to learning. Classes ran from 7:30 AM until 3:30 PM. The classrooms were full all day long and the operators had a wide variety of topics to sit in on. Hopefully they learned something new and helpful, whether it was in the classroom or just from visiting with vendors, operators and even the NeRWA Staff.

One of the fun things about the Western Conference is the all-day suspense an operator may have as they hope to win a door prize. The vendors provide several different items for operators to win. If you are registered to attend the conference, you have a chance to win! This year the generosity of the vendors was amazing once again. Items donated by the vendors were as follows:

Sargent Drilling - 2 pullover wind breakers

Maguire Iron - cooler, gun cleaning kit, gerber knife and

\$100

<u>Elliott Sanitation</u> - Yetti cooler, pullovers, golf balls and hats <u>Municipal Supply</u> - hats

Municipal Automation - gloves and coffee cups

Johnson Service - Bean Bag Game

Hawkins - hats

Core and Main - fire hydrant cookie jars

Miller and Associates - stainless coffee mugs

With the Western Conference in the books, it's time to look forward to our Annual Conference slated for March 12-14, 2018 in Kearney once again. This year the Nebraska Rural Water Association will be celebrating its 40<sup>th</sup> conference!! We hope to make this year's conference one of the best experiences for the water and wastewater professionals throughout the State of Nebraska. Stay tuned, it's going to be a good one!

Thank you again to all of those who donated items. The conference would not be as successful if it was not for the vendors and exhibitors taking part in the door prize drawing!



#### **Summary of Evaluations**

## NeRWA Gering Conference September 12-14, 2017

#### **TOTAL EVALUATIONS RECEIVED - 50**

١.	Wh	ich best describes your position?		•	Training sessions help us keep updated on
	a.	operator/manager	47		changes
	b.	administrative	1	•	Food was great, golf, communication with
	C.	board member	0		vendors, training classes and speakers
	d.	plumber	1	•	Classes were very good, information was well
	e.	lawn service	0		presented
	f.	state/federal rep.	0	•	Very personal-well put together
	g.	clerk	0	•	Beer
	h.	other	0	•	I liked the DHHS draw a number-it lead to many
	i.	double positions	1		different subjects
				•	Round-table
2.	Wh	y do you attend the NeRWA conference?		•	Great venue-close to home
	a.	The training classes	10	•	Venue, location-enjoyed the NDHHS Field Rep
	b.	The vendors	0		Q&A. Golf was a blast
	C.	Chance to meet with other operators	0	•	Speakers did a good job, meals good
	d.	All of the above	40	•	Western NE
				•	Location
	_				

#### Things you liked and why?

- I can't attend in the spring, but fall works good
- I liked everything-very interesting
- Very good classes
- Like the wide variety of topics
- A lot of good info
- Pretty good conference
- Everything was well-done
- Finding new things out in the water and waste water business
- Everything is great
- Operator review-learned a lot of new things that do not come up often
- Vendors were great-speakers were amazingvenue was good-all around good training
- Venue is nice and close-good speakers-more of a personal touch
- Informative speakers
- Nice facility-communication with State people
- All of the presenters were good with good information
- Location, sessions, speakers
- Very good accommodations, good food, enjoyed the round-table discussion
- As always everything was great
- Location, meals, golf, trap shoot, etc.



-LINE STOPPING

3/4"- 60

-LINE TAPPING

5.- 60.

-VALVE INSERTION

-VALVE TURNING

-PIPE REPAIR



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- · Classes are repetitive but good
- Gering is close and convenient-good food-good info and presenters (Rich Koenig & Mary Boden)
- · The speakers-good environment
- Networking with other public water personnelnew products from vendors
- The classes and hearing from other operators
- Presenters are good-lots of new info
- Speakers
- · The building it was held in
- I enjoy all of the material-vendors have pretty cool products
- Nice refresher of information
- The questions and answers with the group-info. between different operators

#### Things you disliked and why?

- Sessions that last over an hour are hard to take
- Most topics similar to last year
- Need more hands-on training
- The length of some of the sessions
- Hot outside
- Hard to attend all three days-but it is an advantage to be able to pick and choose what you want to attend.
- · Sometimes competitive
- Not much talk about waste water treatment
- The city it was held in
- Length of some of the classes

#### Any suggestions for future conferences?

- More activities
- Bring operator review back
- NET-DMR, more on chlorine testing residuals
- Reaching the public through web/Facebook or setting up Facebook page for cities
- Keep it in Gering
- Keep the same venue
- Increase talks about WWT
- More hands on
- Recognize more women operators
- More vendors
- Have two testing labs in state (one east/one west)
- Less lighting would make it easier to see the screens

#### Additional Comments:

- Keep up the good work
- Good job all around-hope the conference keeps going for many years to come

- Civic Center does a great job
- All the speakers were very informative
- Thanks for bringing the conference to western NE
- Thanks

211 N. Tyler

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Doug Yantzie, Municipal Manager

Office: (888) 496-3902 After Hours: (402) 759-2929

## Wage Survey Results

NeRWA often gets asked by system decision makers as to what they should be paying water system personnel. We also get questions from water operators to what other operators are earning. NeRWA surveyed attendees at our Annual Conference last March in Kearney and at our Fall Conference in Gering last month. About 140 surveys were filled out and all information was kept generic with no personal information or system names being used. The following is a compilation of the surveys based on system size.

Wage Sur	vey 0-200	рор.							
25 surveys									
	Age	Years Service	Hourly Wage	No Benefits	Benefits	Grade 4	Grade 3	Grade 2	
Benefits				14	11	20	3	2	
High	72	40	\$27.50						
Low	35	1	\$10.00						
AVE	54	13.5	\$17.16						
Wage Sur	vey 200-40	00 pop.							
28 surveys	5								
	Age	Years Service	Hourly Wage	No Benefits	Benefits	Grade 4	Grade 3	Grade 2	
Benefits				9	19	20	3	5	
High	67	32	\$26.00						
Low	28	1	\$12.00						
AVE	49	11.6	\$17.79						
Wage Sur	vey 400-60	00 pop.							
14 surveys		Years	Hourly	No					
	Age	Service	Wage	Benefits	Benefits	Grade 4	Grade 3		
Benefits		07	#00.00	4	10	11	3		
High Low	57 28	27	\$23.60 \$13.00						
AVE	46	11	\$18.44						
AVL	40		Ψ10.44						
Wage Sur	vey 600-80	00 pop.							
15 surveys									
		Years	Hourly	No					
	Age	Service	Wage	Benefits	Benefits	Grade 4	Grade 3		
Benefits				2	13	14	1		
High	60	35	\$27.00						
Low	31	3	\$15.85						
AVE	49	14	\$20.42						
Wage Sur	vev 800-10	000 non							
20 surveys									
,		Years	Hourly	No					
	Age	Service	Wage	Benefits	Benefits	Grade 4	Grade 3		
Benefits				0	20	14	6		
High	67	37	\$28.80						
Low	27	1	\$13.26						
AVE	50	19	\$20.74						
Wage Sur		2000 pop.							
19 surveys	3								
	A ===	Years	Hourly	No Benefits	Benefits	Grade 4	Grade 3	Grade 2	
Benefits	Age	Service	Wage	0	19	13	Grade 3	Grade 2	
High	64	39	\$29.00	0	18	13	5	'	
Low	31	1	\$14.56						
AVE	48	12.5	\$20.25						
Wage Survey 2000 + pop. 22 surveys									
22		Years	Hourly	No					
	Age	Service	Wage	Benefits	Benefits	Grade 4	Grade 3	Grade 2	Grade 1
Benefits				0	22	6	8	6	2
High	65	45	\$41.19						
Low	31	17	\$14.25						
AVE	49	17	\$26.05						
		1		l .					

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## **Valve Exercising**

By Mike Stanzel, Circuit Rider

One of NeRWA's most popular and most expensive, yet invaluable, pieces of equipment is our hydraulic valve turning machine. This machine in the five years we have owned it has been across the state, from north to south in numerous towns exercising thousands of water main valves.

Why is it important? Well, every town we work in is facing the same problem and that is aging infrastructure. A lot of your water mains, valves and hydrants are 75 plus years old. And over the years most of these valves have never been turned. A lot of times you may not realize the valves won't operate or function at all until you need to use them for isolation purposes.

Another common problem is the old existing map will show the whereabouts of a valve which the operator is unable to locate. Many valves that have been neglected over the years will get buried 12–18 inches under gravel streets or completely paved over by asphalt or concrete.

Valves were put in place for the purpose of isolating different sections of towns or streets so individual areas can be shut off disrupting service to as few customers as possible. When valves are inoperable or don't hold, inevitably you have to shut down a lot more customers and that can be a major inconvenience, especially if you are affecting schools, businesses, nursing homes, etc.

Some towns will request us to bring the machine if they have one or two valves that will not turn at all or are extremely hard to turn. In a situation like this, we are able to apply up to 350ft lbs. of torque, work it back and forth and most of the time free it up. However this can also break the valve, which is why we will have you sign a release form so NeRWA doesn't go bankrupt paying for valves that needed replacing anyway.

Other towns will have us come and do every valve in their system. If your town was done in the past few years, PLEASE be patient with us!! We are trying to prioritize towns that are in close proximity of each other so we are not running from one end of the state to another, and also ones that have never utilized this service.

If you have signed up for this service please keep in mind

that there is a \$10 per valve required donation for this service. This is a very expensive piece of equipment and the only service we provide that the donation is required. Valves can be \$1,000-\$2,000 to excavate and replace a live main valve insertion that several companies offer can be well over \$4,000 each, so we feel that if we can bring your valve back to life for \$10 that's a pretty sweet deal.

One thing that we also ask you to do prior to our arrival is to FIND all your valve boxes and expose, paint and flag them. We certainly don't know where they are all located and it definitely speeds up the process. Also, you need to make sure the lids are easily removable and the boxes are clear of debris. A lot of guys will go around with a shop vac or air compressor and make sure we can get a wrench on them.



This is generally a two man operation when we do a town. We try to bring at least two guys, that way the operator can tend to their other duties but we would gladly let you tag along and assist us as well.

If you would like to be added to the list or have any questions please feel free to give me a call anytime at 402-672-9084.



## **Managing Your Wellhead Protection Area**

By Ken Halvorsen, Source Water Specialist

Every Nebraska community has a wellhead protection area map and we're all pretty familiar with its purpose: to display the land area that contributes groundwater to a community's drinking water wells. After a community identifies potential contaminants within the wellhead protection area, the next step is to prioritize which contaminants are the most significant and develop a management strategy for protecting groundwater that is also used as drinking water. Management typically falls within two broad categories: regulatory and non-regulatory.

Regulatory management of a wellhead protection area is fairly straight forward. This can include passing ordinances that are protective of groundwater – drinking water, creating zoning to control land uses around and within the wellhead protection area and establishing permit requirements for certain activities, such as drilling a well. These options may or may not be available to every community depending on the community's legal jurisdiction and the location of the community's wells. If a community's wells are not located within its legal jurisdiction non-regulatory management methods become even more important as a city works to protect the source of its drinking water.

Non-regulatory management may be as easy as promoting the programs and services of local agencies to the public. Here are a few examples.

- Recycling programs can be an important part
  of wellhead protection. A gallon of used oil can
  contaminate a million gallons of fresh water. Used
  oil contains toxic metals, such as lead, arsenic and
  cadmium so even small amounts of used oil should
  be recycled. Many used oil recycling programs are
  administered at the county level or a local auto parts
  store might accept oil and send it to a recycling facility.
- 2. Education is also an essential part of wellhead protection management. Newsletters, articles in the local newspaper, water bill inserts, posters and brochures are all excellent ways to reach the public. Some communities have water field days in school or may take students on a field trip to the wellfield and other parts of the water system. This allows students to learn how a water system works.
- Each of the NRD's offer cost shares for activities that provide benefits to both farmers and communities with wells that could be impacted by farming practices. NRD cost share programs often include deep soil

- testing and irrigation water analysis for nitrates. The NRD's vary in the percentage they pay to properly decommission unused or abandoned wells located in a wellhead protection area and the corresponding community.
- 4. Another noteworthy program is the Conservation Reserve Program (CRP). It is administered by the Farm Service Agency and encourages farmers to establish permanent vegetation on land that needs protection from erosion. CRP in a wellhead protection area can help assure the safety of municipal water supplies from fertilizers and pesticides. Land within the wellhead protection area may be eligible for an additional payment above the normal CRP payment.

If you are developing a wellhead protection plan for the first time or revisiting your existing plan, feel free to give me a call if you would like assistance. My number is 402-607-9750.



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## Nebraska Good Water News

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

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