



Water Ways

Volume XVII — Spring 2020

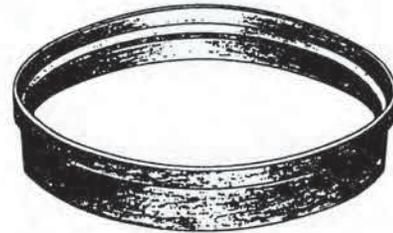


MANHOLE ADJUSTMENT RING

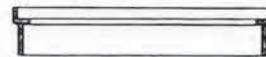
READJUST MANHOLE LIDS TO NEW ELEVATION WHEN RESURFACING

MANHOLE ADJUSTMENT RING ONLY 4 DIMENSIONS REQUIRED

- 1 - O.D. of existing lid: TOP and BOTTOM
- 2 - thickness of existing lid
- 3 - riser height (thickness of asphalt matt*)
*Note: minimum riser must be 1/2" more than thickness of existing lid



- * Full Range of Sizes
- * Eliminates Digging
- * Requires *No* Tools



Company Name _____

Contact Name _____ Phone # _____

ORDER FORM

Quantity	Manhole #	Street / Location	Lid O.D. Top / Bottom	Thickness of Lid	Desired Rise

SIMPLE--QUICK--PERMANENT

FREE DELIVERY!

To Order, Please Call:

Schulte Supply, Inc.

(800) 843-3711

or

FAX Your Order to: 618-656-8750



Illinois Rural Water Association



BOARD OF DIRECTORS

PRESIDENT
GREG BATES

Jersey County Water Company

VICE PRESIDENT

DALE HANNER
City of Oakland

SECRETARY

JAY BELL
City of Chenoa

TREASURER

JEFF TUMIATI
Village of Stonington

BOARD MEMBERS

WAYNE DIXON
City of Mason City

STEVE FLETCHER
Washington County Water Company

CASEY JOHNSON
Anna-Jonesboro Water Commission

VINCE NEWTON
City of Geneseo

JACQUE PLESE
City of Wilmington

STAFF

FRANK DUNMIRE
Executive Director
dunmire@ilrwa.org • 217-820-4626

DON CRAIG
Deputy Director
craig@ilrwa.org • 217-561-1061

HEATHER MCLEOD
Membership Services Assistant
ilrwahm@ilrwa.org

DENISE BURKE
Administrative/Program Assistant
ilrwadb@ilrwa.org

CLARK CAMERON
State Circuit Rider
cameron@ilrwa.org • 217-820-3814

BRANDON WINDELL
Energy Efficiency Circuit Rider
windell@ilrwa.org • 217-820-1560

EVAN JONES
Circuit Rider
jones@ilrwa.org • 217-820-5508

ROGER NOE
Circuit Rider
noe@ilrwa.org • 217-820-1564

CHUCK WOODWORTH
Circuit Rider
ilrwaacw@ilrwa.org • 217-820-1569

DAVE McMILLAN
EPA Program Specialist
mcmillan@ilrwa.org • 217-370-6485

JOHN BELL
Wastewater Technician
ilrwajb@ilrwa.org • 217-820-1568

JEFF MCCREADY
Wastewater Technician
mccready@ilrwa.org • 217-870-4754

MARK MITCHELL
USDA Source Water Specialist
mitchell@ilrwa.org • 217-820-1565

ARTICLES

Rural Water Rally 2020	by Frank Dunmire	4
Special Report: Circuit Riders -		
The Origin and Mission	by Don Craig	5-6
Myth Busting	by Wayne Dixon	7
Wind Turbine Effects		
on Groundwater	by Clark Cameron	8
Wastewater CEU's	by Jeff McCready	9
Water Operators: Important	by Brandon Windell	10
Which Way is North?	by John Bell	10
Now, For Something		
Completely Different	by Dave McMillan	21
Where in Illinois is this Located?		27
Member Services		
Annual Technical Conference.....		18-20
Chrysler Fleet Program.....		22
GPS/GIS Mapping Services		25
Video Inspection Services.....		25
Ford Fleet Program.....		26

MISSION STATEMENT

"Protecting and preserving the water and wastewater resources of Rural Illinois through education, representation and on-site technical assistance".

On the Cover:

**This photo was taken by Jeff McCready, IRWA
Wastewater Technician, in Chillicothe along the
Illinois River.**

Water Ways is the official publication of the Illinois Rural Water Association, P.O. Box 49, Taylorville, Illinois 62568, and is published quarterly for distribution to members as well as other industry associations and friends. Our website is www.ilrwa.org. Articles and photographs are encouraged. Advertising and submissions should be mailed to the above address or e-mail us at ilrwadb@ilrwa.org.



LIST OF ADVERTISERS

Aqua-Aerobic Systems, Inc.....	16
Cady Aquastore.....	14
CoBank.....	15
Coe Equipment, Inc.....	27
Commercial Energy Consultants LLC .	11
Curry & Associates Engineers, Inc..	15
Hawkins Water Treatment Group. .	15
Heneghan Construction Services, LLC. .	5
Illinois Public Risk Fund.....	17
Layne, A Granite Company.....	27
LOCis, Inc.	13
Maguire Iron	27
Pittsburg Tank & Tower Maint.	13
Putnam County Painting, Inc.....	13
Ressler & Associates	24
Schulte Supply, Inc.....	2
Suez Advanced Water Solutions (Utility Service Co., Inc.)	12
Taylor Coating Sales, Inc	11
The Ford Meter Box Co., Inc.	24
United Systems & Software	11
USA Bluebook	28
Water Treat Technology.....	15

Rural Water Rally 2020

by Frank Dunmire,
IRWA Executive Director

Representatives from Illinois Rural Water Association traveled to Washington DC the first week of February to attend the National Rural Water Association's (NRWA) annual Rural Water Rally. During the Rally, rural water representatives from every state visit their respective Congressional offices asking for their continued support of rural water and wastewater projects. One of the most enjoyable visits has always been with Congressman Rodney Davis. Since Rodney is from Taylorville, where the IRWA office is located, more time is spent talking about local issues and friends that we have in common than supporting rural America projects. Rodney has always been a huge supporter of rural America and has always supported our requests. We greatly appreciate him taking time out of his busy schedule to meet with us in person so that we can get caught up with what is going on back home. It is more of a family reunion than a lobbying visit. Unfortunately, the day we were to visit with Rodney, I fell ill with the Influenza B and was unable to attend the meeting. But on the brighter side, Rodney got to meet with the A Team – Steve Fletcher, Manager of Washington County Water Co.; Jeff Tumiati, Supt. Of Public Works for the Village of Stonington and Greg Bates, Manager of Jersey County Rural Water. Jeff was joined by his grandson, Kyle Molitor from Highland, Illinois. This year the IRWA representatives divided into two groups

allowing them to visit with representatives in all 20 of the Illinois delegation offices and Kyle was thrilled to be included. Although I was not in attendance at any of the meetings that particular day, I was able to attend meetings the prior day and Kyle was pressed into service. At first, he was a little hesitant but quickly adapted and performed really well when delivering his part of the presentation. I would like to personally thank Congressman Davis for taking the time to visit with us and especially thank him for the time he spent talking to Kyle. Rodney may not realize it, but he made a lasting impression on Kyle that he will never forget. I would be remiss if I did not thank Kyle for helping us out in DC. THANK YOU to both and ALL stay safe and healthy! 💧



Pictured above: Steve Fletcher, Washington County Water and Past President of NRWA, Jeff Tumiati, Kyle Molitor, Congressman Rodney Davis and Greg Bates, Jersey County Rural Water and IRWA President

Special Report: Circuit Riders - The Origin and Mission

by Don Craig,
IRWA Deputy Director

(Note: The following article, below my comments in italics, was first posted on the National Rural Water Association's website by NRWA's Kalli Forshee.)

- As of April 16, 2020, I will have worked within the Rural Water Association for 35 years; having started out in 1985 as IRWA's only Circuit Rider. Our Association was a relatively young organization, having begun in 1979. From what I was told, I believe I was only the second person in that position, since our inception.

To say I've seen a lot of changes, not only within IRWA for that position(s), but including the Circuit Riders throughout all the state affiliates nationwide, would be an understatement. Even now, in my opinion, Circuit Riders have always been the backbone of what we do as a utility membership organization, even with all the great new additional programs and even better employees working those positions, to serve our system members here in Illinois. And, that's also inclusive of all of those systems across the nation, being served in other states by rural water association's Circuit Riders and other staff.

I worked nearly three years as the IRWA Circuit Rider, before moving on to another position; and even though I'm an administrator now, I've always been a Circuit Rider at heart... Don

Initially, Circuit Riders were clergy assigned to travel around specific geographic territories and deliver a sermon or religious address to settlers and organize congregations in the earliest years of the United States.

The National Rural Water Association (NRWA) pioneered the concept of a "Circuit Rider" for the water industry in 1980 in cooperation with the Farmers Home Administration, now Rural Development, Rural Utilities

Service. The program was the result of congressional actions and appropriations advocated by NRWA to directly assist rural and small communities. NRWA was formed in 1976 as a utility



continued on page 6



Heneghan Construction
Services, LLC

P: 888-291-7615 | E: info@hcsdesignbuild.com
W: hcsdesignbuild.com

HCS will work with you as a team member to design and construct your projects more efficiently (less time and better use of project funds) and with a higher quality of construction and fewer headaches along the way. Trust HCS to handle all of your project needs with the quality you deserve.

EXPERIENCED IN

- Waterlines
- Booster Pump Stations
- Sewer Lines
- Force Mains
- Miscellaneous Water System Needs



Special Report: Circuit Riders - The Origin and Mission

continued from page 5

membership association representing the water and wastewater industry in small and rural communities. The original goals and mission of funding and providing resources to assist rural and small utilities continue today. These small and rural utilities include most of the community water supplies in the nation. In fact, 91% of the 49,731 community water supplies serve less than 10,000 population, 26% serve 3,300 or less and 54% serve 500 or less.

The Circuit Rider Program was institutionalized into law on September 24, 1980 with the passage of the Rural Development Policy Act of 1980. The authorization of the Circuit Rider Program was created by Congress with this clear mission stating, “through the Farmers Home Administration for planning and technical assistance and for the establishment of a circuit-rider program to facilitate the delivery of Federal programs to rural areas. It also provides for dissemination of more information to the rural public about the availability of these programs. This bill will improve the Federal Government’s capacity to meet the needs of our small towns and country areas. It will move us from a protracted period of analysis to a program of active involvement in rural and small-community development....”

Presidential Remarks on the passage of the Rural Development Policy Act of 1980:

“Senator Leahy and Congressman Wes Watkins, Congressman Nolan and others who are assembled here, ladies and gentlemen who are interested in the future of rural America—future of America... This legislation will enable the Farmers Home Administration to assist small communities in establishing circuit-rider programs to provide assistance in economic and community development. I’m today directing the Farmers Home Administration to act promptly to make funding immediately available for these circuit riders, who will go into a community, assess what can be done, that the

initiative be from the local people, but provide counsel and assistance as necessary.”

Since 1980, this bi-partisan program has been the mainstay of viability for the nation’s rural and small community water and wastewater utilities. The value cannot be understated and is documented by the record of small utilities in compliance with the Safe Drinking Water Act, economic development in rural areas, and a delinquency rate on repayment of government debt to the Rural Utilities Service, which is consistently less than one-half of one percent.

The NRW Circuit Rider Team is made up of 132 full-time professional men and women located throughout every state and territory. They provide a pool of expanded skills, knowledge and expertise that is usually unavailable to many small and rural communities. These technicians are uniquely qualified with a skillset that cannot be duplicated. Circuit Riders are practitioners who have actual hands-on experience managing and operating systems, a bank of knowledge gathered from working with systems across their respective states, possess a variety of license and are Utility Management Certified. Since 1980, they have developed operational knowledge and built trusting relationships with staff, governing officials and local leaders. These relationships allow Circuit Riders the ability to effectively communicate and improve all facets of their utility, governance, management operations, finances and sustainable actions for the future. In addition, this relationship allows for critical issues and actions to bypass local politics and receive unbiased information and advice from a trusted source.

Annually, Circuit Riders provide more than 50,000 types of technical assistance and support activities to the nation’s 45,255 community water supplies that serve 10,000 or less in population. The value of this critical expertise is documented in government reports and more importantly, from the systems and communities they served. 💧

MYTH

or

FACT?

In my 20 plus years with the city we have rebuilt our share of fire hydrants with very few problems getting them apart. I remember one day early in my career we were working on a hydrant when along came my IRWA Circuit Rider (Wayne Nelson). We were having trouble getting this one to break loose and after a few minutes he said to me, get a couple of liters of coke and pour in it. Me thinking he was joking looked at him and he said again, Coca Cola not Pepsi it has to be Coke and let it sit overnight. Sure, enough as many of you can attest to it worked, I guess it was the Coke, or at least that what I give credit to.

(FACT)

So, I've also been told hitting the top of the hydrant wrench with a sledge hammer, I can say that I have used the sledge trick and it does work, however I always like to start with a small hammer and work my way up to a BIG ONE. *Just Say 'in.*

(FACT)

Last year seemed to be my bad year for hydrants and when I called to order the repair kit the man behind the counter says "oh, that style can sometimes be a real booger" to get apart. And now I'm thinking a real booger huh, great!

Well he was correct it would not come apart. Pouring in coke didn't work and hitting it with sledge didn't make it move either.

So now I'm thinking I need to find some dry ice.

And of course, this hydrant is right downtown at the intersection of Main St. and the State route that runs through town. It has a brand-new sidewalk all the way around it. So yeah, the last thing I want to do is dig it up.

After reaching out to a few friends I found a place to get some dry ice pellets, but no one really had an exact procedure of how much to use or how long it should remain inside. But at this point I was still very optimistic.

After some discussion with all involved and I even enlisted the help of my Circuit Rider (Evan Jones), we decided that we should put the wrench in the hydrant first, fearing we wouldn't be able to get the wrench on with the ice in the way and then pack the pellets of dry ice all around the wrench and main valve. Guessing at the amount to use we dumped it in. Now you can imagine the looks you get when the smoke starts rising from the hydrant and resembles a witch's cauldron. We let it sit for about an hour, hopeful we would not freeze and bust something. But we were still not able to break the seat ring loose.

Thus, ending up with a new hydrant.

(MYTH?)

So, if anyone out there has used the dry ice method and had it work for them please drop me a line on the proper procedures. And hopefully I will be able to document this as.

(MYTH or FACT.)💧



Wind Turbine Effects on Groundwater

by Clark Cameron,
IRWA Circuit Rider

With the big new trend of environmentally friendly energy sources such as solar and wind energy, comes a lot of new problems to be studied and answered. Not too long ago, a question was asked of the staff at IRWA about the effects of wind turbines on the surrounding ground waters, and if anyone knew of any studies on the subject. At this time, from what I'm aware of, there has been very little thought or discussion on the long term problems that can be caused from the vibration of the wind turbines and the resulting effects on the groundwater in the area.

About a year ago, I was trying to decide between solar and wind for energy needs on my property. After much research, I went with solar, based on all of the negatives I found associated with wind turbines. I found numerous studies on life span of the turbines, maintenance costs, low level noise, and whether the energy used to actually manufacture the turbine is worth the end result. But I never considered the possible contamination of ground waters, because of vibration from the turbine. I am in no way trying to put wind energy down, but for me, the solar made more sense at the time, and has been a great decision so far.

But the question about the groundwater had me curious, so I dove back in trying to find any research I could on the subject. Of the few studies I was able to find, they were mostly based in Western Canada around the shale fields. Based on monthly testing of the area wells for one year, by the group Ground Water Canada, the level of heavy metals and sediment present in the samples rose steadily from month to month. But the ground in Western Canada is very different than the soil type and bedrock of Central Illinois,

so, in my opinion at this time, I don't see this study being of any use in our case, or a direct correlation.

The general consensus is that there are no answers yet, so maybe some research is needed in the ground water 'area'. Maybe some well owners reading this story, which live near wind turbines, would like to start taking various samples on a monthly basis and be the first wave of research. Someone needs to be the first to approach the subject, since it seems to have been somewhat overlooked. And if you do, please share the results so we can possibly answer the question, "Do wind turbines affect groundwater?" 💧



As most of you are aware, the IEPA has started requiring Continuing Education Units (CEU's) for Wastewater License renewal beginning July 1st, 2019 for Class 3 & 4 and July 1st, 2020 for Class 1 & 2. Some of you are probably thinking "this subject was just discussed in this publication not to long ago" and you would be correct, but in the past 7 months I have ran into several operators who were unaware of this new rule. More so is the number of operators who are asking the big question, "what's the reporting requirements for the CEU's". I will try to clarify some of the confusion in this article.

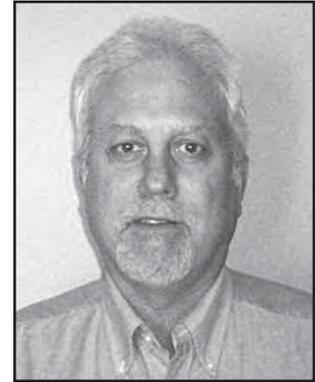
Section 380.715 – Training Renewal Requirements

The requirements for certificate renewal are as follows:

- a) Class 1 and 2 certified operators must complete and **document 30 hours of training during the 3 year certification period** before the certification expiration date.
 - 1) A minimum of **20 hours of training must relate to the technical aspects** of wastewater treatment and operations.
 - 2) The Agency will accept a **maximum of 10 hours of training relating to the professional responsibilities** of the operator and to safety.
- b) Class 3 and 4 certified operators must complete and **document 15 hours of training during the 3 year certification period** before the certification expiration date.
 - 1) A minimum of **10 hours of training must relate to the technical aspects** of wastewater treatment and operations.
 - 2) The Agency will accept a maximum of **5 hours of training relating to the professional responsibilities** of the operator and to safety.

If you received your Class 1 or Class 2 license prior to July 1st, 2020, your license will be up for renewal on July 1st, 2023. If you received your license after July 1st, 2020 your license will be up for renewal 3 calendar years after July 1st of the calendar year that it was issued.

If you received your Class 3 or Class 4 license prior to July 1st, 2019, your license will be up for renewal July 1st, 2022. If you recieved your license after July 1st, 2019 your license will be up for renewal 3 calendar years after July 1st of the calendar year that it was issued.



After you have recieved training you should recieve a "Course ID Number" and then fill out an **Operator Training Submission Form** , which at this time you will need to keep in a file at home or at your office. You do not need to mail them in to the EPA at this time but may need to a some point in the future. Make sure if you are required to mail the forms in to make a copy to keep for your records. There has been some talk that you can enter your WW CEU hours on the Operator Login page where you enter your Water CEU hours. If you are entering your water CEU's on that web page **do not enter any wastewater hours** on that page as it will wipe out all of your water hours. If you have an IEPA Wastewater License and **do not** have a IEPA Water License I am being told that you can use the login page to keep track of your Wastewater CEU's, but make sure you keep paper copies as well.

This is just a brief overview of the new Wastewater CEU Requirments. Go to our web site www.ilrwa.org for the complete list of requirements, either thru the link on our homepage or at Don's article in the June 2019 Technical Assistance Bulletin (click on the publications link at the top of the homepage then the the TAB's link on the left).

Since I know this is not the type of news that makes everyone smile, I'll end with a little good news. Certain training subjects do qualify for dual credit, both water and wastewater. Check with your training provider. Good Luck and stay safe out there. 💧

Water Operators: Important

*by Brandon Windell,
IRWA Energy Efficiency Circuit Rider*

As the recent COVID-19 virus has forced all of us to make changes to our daily lives, it has also caused us to stop and reevaluate what is essential for our communities to keep operating. The municipal staffs across the county are a vital role in keeping the systems operating as usual during these trying times.

A lot of the smaller communities around me have started taking the recommended measures to help protect the municipal workers with as little contact with each other and the public as much as possible to help prevent contracting the COVID-19 virus. We locally have separated our water department and street department operators from working together for the same purpose. Every step we can take right now from, dare I say it, “social distancing” to the simple things like wearing proper PPE and washing our hands often should be taken to ensure our safety and to keep the municipal systems in place and operating as normal.

The past few weeks, I have been fortunate enough to be able to do some of my work from home to help limit human to human contact along with my wife and daughter. Obviously, our water consumption has increased significantly from being home all day.

This whole experience has made the three of us realize how important and privileged we are because of our access to quality drinking water. I know that working for IRWA probably has a little to do with me thinking about the importance of our drinking water more than the average person, but as we continue to fight the spread of this virus, clean water becomes more and more important with that fight. Operators have a lot of people depending on their expertise and ability to providing the quality water that we have come to expect. Please reach out to IRWA if your system needs assistance during this time, and thank you all for what you do. 💧



Which Way is North?

*by John Bell,
IRWA Wastewater Technician*

I was drinking coffee and gazing out my kitchen window, when a pair of turtle doves landed on our patio. They are regular customers to our bird feeder. On this particular morning, the sight of the doves made my mind drift back years ago to an event that I wish to share with you.

First, I want to discuss the topic of “which way is north.” We sons and daughters of hunters, remember the repeated advice we were given before entering any unknown woods. “Look around and note where you are and which way you are going.” Seasoned hunters know that anything can happen and the people under their charge better know how to make their way to safety. This basic instruction was drilled into our subconscious such, that now every time we enter the unknown we look for a known point and direction from that location. Pioneers in covered wagons selected a seasoned wagon master to guide them through the “unknown” lands. They, and all that was dear to them, relied on that person to know where they were and what direction was to be taken. It seems the more things change in life, the more they remain the same. The basics are still sound advice. Know where you are and the direction you are headed. Our forefathers laid that basic tenet into the body and soul of all America.

America is hip deep in a mess, but America is the people. We people know where we stand and the direction that must be taken. Water and Waste Water operators are a strong glue that keeps things moving in the right direction. We sure know which way is North. We carry within us the credo that if another operator needs

help, “we will come a runnin’.” The IRWA website has a place that you can volunteer to help an operator if he becomes ill and needs assistance. Sign up if you are able to come to the aid of another operator.

Now back to the doves. As the story is told, a young married couple ventured to the grocery store for the first time. The young wife bought flour, sugar, bread, milk and all the basic staples to start a home. The young couple was putting the groceries in the car and the new husband reached over and hugged his new wife and said “I’m sure glad you know what you’re doing, because I don’t have a clue.”

I say it’s a mighty lucky fella that hooks up with a gal that is sure about “which way is north.” 💧



Deregulate and Save Today!

Energy deregulation gives the business owner a choice on their energy provider and ultimately saves money on power consumption.

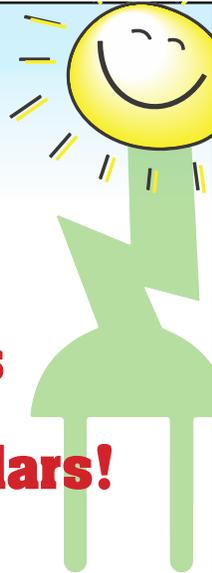
Business owners can save thousands of dollars!

- Water Systems
- Waste Water Systems
- Pumping Systems



CEC Commercial Energy
Consultants, LLC

Call Mike Grimes
at (877) 212-1400
or email mike@trycec.com
text CEC to 64600



Water Loss Management | Remote Disconnect
Itron AMR / AMI | Kamstrup Water Meters
Utility Billing & Financial Software

The area's exclusive Itron Water solution distributor!

Scott Smith, Region Manager
Mobile: (270) 703-0697

Email: scotts@united-systems.com

Toll Free 1.800.455.3293 | www.united-systems.com

United Systems

Think Tnemec.

Tnemec Company has been the leading supplier of protective coatings to the water industry for decades. Our extensive line of proven products offers unparalleled corrosion protection and aesthetics, extending your maintenance cycles and providing unmatched life-cycle value. Contact us for a complimentary protective coatings packet or coating system consultation. When you think of coatings, think Tnemec.

Contact your local Tnemec coatings consultant:

Northern Illinois

Erik Otten

Taylor Coating Sales, Inc.
Tel: (708) 387-0305
eotten@tnemec.com

Western Illinois

Keith Kennett

Taylor Coating Sales, Inc.
Tel: (309) 945-2094
kkennett@tnemec.com

Southern Illinois

Mike Cerutti

Coating Solutions, LLC
Tel: (314) 703-8042
mcerutti@tnemec.com



+1 816-483-3400
tnemec.com





global expertise
delivered locally

**services to help you
manage your system**

- ▶ **asset management**
steel & concrete tanks | treatment plants |
pipes | meters | water wells
- ▶ **water quality in distribution
systems**
in-tank water mixers | trihalomethane removal
systems | disinfectant residual control system
- ▶ **smart metering services**
- ▶ **water wells management**
well & pump rehabilitation & maintenance |
water well drilling



An ISO 9001:2015 Quality Assured Company

Contact Us:

Bill Murfree (Northern IL)
Ben Roberson (Northcentral IL)
Phil Knight (Southern IL)

855-526-4413
ask@suez.com

Utility Service Co., Inc.
www.suez-na.com

Putnam County Painting, Inc.

210 Mark Industrial Park
Mark, IL 61340
815-339-2587



Pressure Tank Rentals
6,000-10,000 Gallon Tanker
Tank Cleaning/Inspection
Riser Pipe and Expansion Joint - Repair/Replacement
We have Riser Pipe and Expansion Joints in Stock, 6"-12"
Complete Replacement, Fast Turn Around

STRUCTURE. & INTEGRITY.

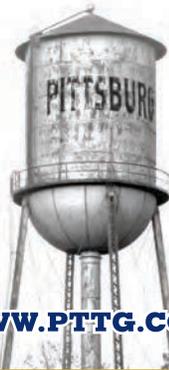
**PITTSBURGH
TANK & TOWER
GROUP**
Since 1919

"100 years and still climbing"

**CREWS
AVAILABLE
GLOBALLY**



WWW.PTTG.COM



INSPECTIONS	REPAIR	TANKS
Wet	Code	Elevated
Dry	Updates	Ground
ROV	Paint	Relocation
In-Service Cleaning	Insulation	Erection Dismantles



Wet
Dry
ROV

In-Service
Cleaning

Code
Updates
Paint
Insulation

Elevated
Ground
Relocation
Erection
Dismantles

NEW TANKS – Rick DiZinno
(270) 826-9000 ext. 2601

EXISTING TANKS – Patrick Heltsley
(270) 826-9000 ext. 4601

MAXIMIZE EFFICIENCY AND REVENUE WITH LOCiS CLOUD-BASED UTILITY BILLING



At LOCiS, we're here to make your utility billing simpler by providing a comprehensive, cloud-based utility billing management tool that performs a variety of functions for multiple user-defined services including Utility Billing production of bills and record of payments for water, sewer, gas, electric, refuse and more. LOCiS software is developed, managed and supported in the U.S.

LOCiS PERFORMS FOR YOU



Learn how LOCiS Cloud-Based Utility Billing
can help your organization.

Visit www.locis.com or call 866.LOCiS99





AQUASTORE®

WHAT'S INSIDE MATTERS

DON'T SETTLE FOR LESS THAN THE BEST

SPECIFY VITRIUM™ PREMIUM TiO₂ TECHNOLOGY

The interior of ALL Aquastore® tanks feature proprietary Vitrium™ coating technology enhanced with titanium dioxide for the toughest glass available.

GET THE QUALITY YOU DESERVE

- Tough TiO₂ glass formulation provides longer life
- White interior is easier to inspect than darker coatings
- Electrostatically applied base coat application ensures consistent quality
- Factory certified "holiday-free" sheets
- Designed for use in both cold and hot climates
- Designed, fabricated, shipped and supported within the USA



Call today (815) 899-5678
or visit cadyaquastore.com

©2016 Cady Aquastore, Inc. Aquastore is a registered trademark and Vitrium is a trademark of CST Industries, Inc.

Represented in Northern Illinois
Peterson & Matz Inc., Elgin, IL
Ph: (847) 844-4405

Represented in Southern Illinois
Municipal Equipment Co., Inc., St Louis, MO
Ph: (314) 645-2400



Chemicals, Equipment and Service for Safe, Clean Water



Celebrating over 80 years of serving our customers!

WATER TREATMENT

- Potable Water
- Raw Water Clarification
- Swimming Pools
- Wastewater Treatment
- Bioaugmentation Solutions
- Sludge De-Watering
- Waste Settling Aids
- Collection Systems

EQUIPMENT

- Chemical Injection Pumps
- Control and Monitoring Systems
- Chlorination Control Systems
- Chemical Feed Equipment

Centralia, IL
618.545.3775

Peotone, IL
708.258.3797

Havana, IL
309.543.2152

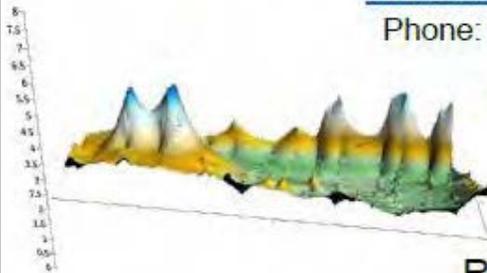
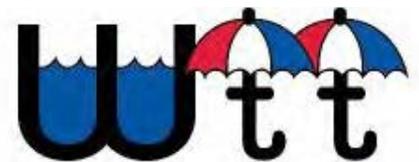
www.hawkinsinc.com
800.328.5460

Water Treat Technology

Robert Risley, Class 1 WWTP Operator

www.water-treat-tech.com

Phone: (618) 923-0520



WWTP Support, Consulting
& Solutions

RC Boat *Sludge Surveys*



**LIFE
DEPENDS
ON WATER.

WATER
DEPENDS
ON YOU.**

Sustaining a rural
community is hard work.

Let CoBank
handle the financing.



844-846-3135 • water@cobank.com
www.cobank.com

Proud Member of the Farm Credit System



General Municipal & Industrial
Water Plants & Distribution Systems
Pump Stations & Water Storage Tanks
Wastewater Plants & Collection Facilities
Site Development & Stormwater Mgmt

P.O. Box 246
243 East Elm
Nashville, IL 62263

Telephone: 618.327.8841

www.curryassociates.com

Telefax: 618.327.3576

Email: info@curryassociates.com

MAKE THE SWITCH IMPROVE YOUR DITCH



OXYSTAR® ASPIRATING AERATOR

Wastewater operators across the country are seeking more efficient aeration technology to improve or upgrade their oxidation ditch process in an effort to reduce operation and maintenance costs, increase treatment capacity and improve equipment reliability.

The OxyStar® aspirating aerator is the ideal solution that provides these and other advantages compared to brush (rotor) and disc type aerators, which are typically less efficient and more costly to maintain.

- No gear boxes or submerged bearings
- Minimal maintenance due to very few moving parts
- Simple installation without disrupting treatment
- Robust design for a variety of basin types
- No splashing or misting
- Low noise and odor



Float-mount units also available.

New Plant Construction | Existing Plant Upgrades and **Retrofits** | Plant Expansions



AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

www.oxystartaerator.com | 815-654-2501



Proven for Public Works



IPRF is the Leader in Workers' Compensation Coverage

Since our inception in 1985, the Illinois Public Risk Fund has invited public entities and government agencies to examine our outstanding record for cost-effective workers' compensation coverage. Today, over 700 risk managers rely on IPRF for:

- 24/7/365 Claim Reporting
- In-house Nurse Case Management
- Aggressive subrogation program which will include members out of pocket expenses
- Loss Control training and support that includes an extensive library of online training courses, simulator training and sample safety guides
- IPRF members can select their own defense counsel subject to IPRF's litigation management process and approval.
- Dedicated Claims Team
- Prescription Drug Programs



ILLINOIS PUBLIC RISK FUND

www.IPRF.com

(800)289-IPRF

(708)429-6300

(708)429-6488 Fax

PROUDLY SERVING THE PUBLIC SECTOR

THANK YOU FOR SUPPORTING THE 38TH ANNUAL TECHNICAL CONFERENCE!

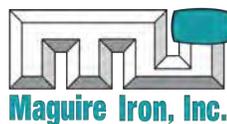
Scholarship Donations

Aquaflo Technologies, Inc.
Coe Equipment, Inc.
Core & Main
DN Tanks
Hampton, Lenzini & Renwick
IMCO Utility Supply
LOCiS
Municipal Equipment Co.
PDC Laboratories, Inc.
R.E. Pedrotti Company, Inc.
Ray Lindsey Co.

Lunch Sponsors



Lanyard Sponsors



Pub Crawl and General Sponsor



& YOU!!



THANK YOU FOR SUPPORTING THE 38TH ANNUAL TECHNICAL CONFERENCE!

Sportsman's Raffle Donations

A.Y. McDonald Mfg. Co.
Air Diffusion Systems
American Flow Control
Aquaflo Technologies, Inc.
Brotcke Well & Pump
Chastain & Associates, LLC
Coe Equipment, Inc.
Electric Pump
Engineered Solutions Midwest
Ferguson Waterworks
Ford Meter Box Co.
Four Points Land Surveying & Engineering, Inc.
Gasvoda & Associates
Hawkins Water Treatment Group

Hoerr Construction, Inc.
Illinois Electric Works
IMCO Utility Supply
Irby
JULIE, Inc.
KLM Engineering, Inc.
M.E. Simpson Co., Inc.
Maguire Iron
Metropolitan Industries
Midwest Meter, Inc.
Municipal Equipment Co.
Penn Valley Pump
PDC Laboratories, Inc.
R.E. Pedrotti Company, Inc.
Ray Lindsey Co.

Ressler & Associates
Sensus
Sherwin-Williams
Standard Equipment
Stewart Spreading, Inc.
United Rentals Fluid Solutions
Utility Pipe Sales, Inc.
Vandevanter Engineering Co.
VEGA Americas
Viking Chemical Company
Water Well Solutions
Woody's Municipal Supply Co
WTR Solutions, LLC



Cash Prizes

Aquaflo Technologies, Inc.
Brooks & Associates, Inc.
Core & Main
Dixon Engineering, Inc.
Durkin Equipment Co.
EJ
Farnsworth Group, Inc.
Ferguson Waterworks
Ford Meter Box Co.
IMCO Utility Supply

Jim Jolly Sales
KLM Engineering, Inc.
MECO Engineering Company
Milano & Grunloh Engineers, LLC
MSA Professional Services
Municipal Equipment Co.
PDC Laboratories, Inc.
R.E. Pedrotti Company, Inc.



Ray Lindsey Co.
Ressler & Associates
Rural Water Impact/Municipal Impact
Sensus
Sidener Environmental Services, Inc.
Tnemec/Taylor Coating Sales, Inc.
Vandevanter Engineering Co.

Auction Donations



*Also—Dale Biggerstaff for auctioneering!

Another Record Year for the Annual Technical Conference!!

*by Heather McLeod,
Member Services Assistant*

Our Annual Technical Conference just keeps growing! This year we set a new record for attendees before we even left for conference. The final number of attendees this year ended up being 537, which was a whopping 62 more people than were there last year to help set the record! I haven't seen the comment cards as of this writing since another staff member will be bringing the box back to the office. I know that there are some tweaks to be done to accommodate the growing crowd and we do take all comments into consideration and try to make your conference the best we can for you.

One of the things that we think helped to fuel the big attendance was the announcement last fall that the wastewater operators are now needing to gain credit hours to maintain their licenses. In previous years, a crowd in the wastewater sessions would be 25 people. This year I peeked into one of the sessions and found nearly 70 people in that session!

Once again this year we offered the water exams on Thursday of the conference. This year, we also added the option to take the wastewater certification exam as well. 58 people signed up to take the water exams and 23 signed up for the wastewater exams.

The winners of the \$1,000 Associate Member Scholarships are Christopher Ryan Schaefer and Malorie Lynn Matlick. Christopher is the son of Thomas C. Schaefer who is the Assistant Utility Supervisor at the Village of Grand Tower. Malorie is the daughter of Travis Matlick who is the Contract Operator for the Village of Joy. This year's applicants wrote essays on Bottled Water vs. Tap Water and comparing the two by financial, health and environmental aspects.

Congratulations also to:

Best Tasting Water Winner – Village of Chatham
Associate member of the Year – National Wash Authority
Water System of the Year – Mill Creek Public Water District & Village of Roxana
Water System Operations Specialist of the Year – Jim Leonard (City of Nashville)
Wastewater System of the Year – City of Princeton
Wastewater System Operations Specialist of the Year – Jerome Kopec (City of Sesser)
Runners Up Water System Operations Specialist of the Year – Darrin Willis (Village of Hopedale) & Tyler Martin (Village of Thomasboro)
Runners Up Wastewater System of the Year – Village of Radom & Village of Gifford
Runners Up Wastewater System Operations Specialist of the Year – Roger Torman (City of Earlville) & Terry Ross (City of Roodhouse).

A complete list of all of our sponsors can be found in this issue, but I wanted to list some figures here because as I always say – our exhibitors are the BEST! 42 of them donated to the Sportsman's Raffle helping us to raise \$8,785. \$8,000 of this has already been sent to National Rural Water Association to meet our required donation to the WATERPAC. They also donated \$1,650 in cash prizes, and \$600 to the Associate Member Scholarship Fund. Pictures of all winners and some random photos are on our Facebook page. Click the Facebook logo on our website to go directly to our page or if you are already on Facebook, you can search Illinois Rural Water Association to find us. 💧



A promotional poster for the 38th Annual Technical Conference. The text reads: "38th Annual Technical Conference", "Keller Convention Center - Effingham, IL", and "February 18-20, 2020". The central graphic features a hand holding a magnifying glass over a globe. The globe shows the Illinois Rural Water Association (IRWA) logo, which includes a map of Illinois and the text "IRWA" and "ILLINOIS RURAL WATER ASSOCIATION". At the bottom of the poster, the slogan "VISIONS OF RURAL WATER" is written in a stylized, outlined font.

Now, For Something Completely Different

by Dave McMillan
IRWA Training Specialist

As I draft this article, I am in the basement of my house socially isolated. Like everyone else, I am waiting out the President's and Governor's respective directives hoping to retain some semblance of sanity (I know what some of you are thinking!). My wife and I are attempting to live off the two freezers that we have accidentally stockpiled with food and preserve our respective work ethics. We have confined ourselves to separate parts of the house throughout the workday which also assists with the whole sanity thing (if you read this, just kidding Dear).

With all of this said, all I can think of is, HERE WE GO AGAIN! Not only does the water industry have to worry about an ever increasing set of regulations and contaminants of concern, now we have to be prepared for an outbreak from something that may prevent us from our normal duties of providing safe and adequate water to our customers. Sure, we have emergency response plans that give us a litany of sources for equipment, how to make our plants operate when we lose key components of our treatment and distribution systems, and even how to reach out to our local Emergency Service and Disaster Agency (ESDA) coordinator when we become overwhelmed. But I am not sure any of us planned for not being available to help with day to day operation of our water systems because we (and anyone else locally that has knowledge of our operation) were too sick to go to work.

OK, some of you may say, "we have mutual aid agreements in place. We can get help." While that is a step in the right direction, have you worked with any of those folks and walked them through your water plant, let alone had them there for start-up, operation and shutdown?

Heck, we will need help from the state then. We will put a call out through our ESDA coordinator. Good idea, right? ESDA will get the request in to the Illinois Emergency Management Agency (IEMA) and we will get someone from the state to help. IEMA will reach out to the Illinois Environmental Protection Agency (IEPA) they will know what to do and they can send someone to help.

Let's consider that. Assuming the IEPA staff is staying healthy and have enough knowledge to assist in operating a water plant, there are roughly 20 field staff at IEPA and there around 1,750 community water systems in Illinois. If many of these water systems are affected by a pandemic simultaneously, IEPA is going to quickly be overwhelmed with requests. Well, if the scale is that large, the State Emergency Response Center (SERC) will be open, so they will have access to other State and National resources.

Unfortunately, this is a pandemic and National resources can't be counted on for quite some time. Plus, IEMA sending other

state resources likely is not going to supply you with the qualified knowledge base you need to operate your water supply.

Well heck, we can't just give up, our customers need safe water (let alone flushing the toilet, assuming they still have some toilet paper).

The good news is, from my three and a half decades of experience, this is where/when our industry shines. When the chips are down, the people of the water industry sets aside petty personal conflicts and turf battles. I have seen it time and again, people who normally are like oil and water will come together in a crisis to make sure we keep water flowing. I saw it when I went to Katrina. I have seen it when tornados, floods and other infrastructure failures have impacted water plants and distribution systems in Illinois. Once again, I am seeing the industry shine during this crisis.

While (as I write this) it is too early to tell what measures may be necessary during this pandemic, what I can tell all of you is that the Illinois Rural Water Association put out a call to members. The Association asked for volunteers that would be willing to assist other water systems if their operations became impaired by fallout from the virus. The responses from Illinois' Water Supply Operators has once again been impressive and I have no doubt the substantial list of volunteers will continue to grow.

I guess what I am getting at is that, while there is always room to be proactive and plan for emergency situations, there is always going to be something that we never planned for that happens. We have general plans in place that provide us with avenues to pursue to get assistance and we need to exhaust all of these when the inevitable happens. Further, when we get our nose rubbed in something we have not factored in, we need to update our plans and thought processes.

However, what I take the most comfort (not to mention pride) in, is that our industry always rises to the challenge. Again, as I write this, we have not seen the end to this most recent challenge. However, I am totally confident that we will find our way through this national emergency and come out on the other side stronger for the trials and tribulations we have encountered.

Thanks for all you do!! 💧





The National Rural Water Association and the Chrysler Group have created a partnership to offer a Volume Incentive Program (VIP) to State Rural Water Associations and their utility system members. This partnership combines the buying power of 31,000 individual utilities to provide reduced fleet pricing on utility vehicles. You will have access to special fleet benefits as a preferred Chrysler Group customer.

The Rural Water Fleet Program is a valuable member benefit for water and wastewater utilities. State Rural Water Associations determine eligibility for their members, and provide a fleet code that allows access to substantial vehicle discounts to fill the need for reliable work vehicles. Fleet vehicles must be registered in the name of a member water or wastewater system.

Member utilities should contact their State Rural Water Association to access the Rural Water Fleet Program. Vehicles may be purchased at your local dealer or through the national fleet auto group, details are online at: www.nrwafleet.com. Incentive discount pricing is available on Jeep SUVs and Ram trucks. Systems can save up to \$7,500 off factory invoice per vehicle. Happy shopping!

2020 Program Details:

- Limited to water/wastewater utilities that are current members of a State Rural Water Association
- There is no limit to the number of vehicles that can be purchased under the program
- Incentive pricing is deducted off the factory invoice
- Fleet vehicles must be in service for a minimum of 12 months or 12,000 miles
- Vehicles must be registered and operated in the United States
- Call your State Association today to get your Fleet Account Number (FAN)



Model Year	Brand	Description	Incentive
2020	Chrysler	Pacifica/Voyager	\$3,000
2020	Dodge	Durango AWD	\$5,000
2020	Dodge	Durango RWD	\$5,000
2020	Jeep	Grand Cherokee 4X2	\$5,000
2020	Jeep	Compass 4X4	\$2,900
2020	Jeep	Grand Cherokee 4X4	\$5,000
2019	Ram	Classic 1500 Quad/Crew 2WD	\$8,500
2019	Ram	Classic 1500 Quad/Crew 4WD	\$8,500
2019	Ram	Classic 1500 Regular Cab 2WD	\$5,500
2019	Ram	Classic 1500 Regular Cab 4WD	\$5,500
2020	Ram	2500 Regular Cab 4WD	\$5,500
2020	Ram	3500 Crew/Mega Cab 4WD	\$6,250
2020	Ram	2500 Crew/Mega Cab 4WD	\$6,250
2020	Ram	Classic 1500 Regular Cab 4WD	\$5,500
2020	Ram	Promaster 1500 Cargo Van	\$6,500
2020	Ram	Classic 1500 Quad/Crew Cab 2WD	\$8,500
2020	Ram	Classic 1500 Regular Cab 2WD	\$5,500
2020	Ram	Classic 1500 Quad/Crew Cab 4WD	\$8,500
2020	Ram	2500 Crew/Mega Cab 2WD	\$6,250
2020	Ram	Promaster 2500 Cargo Van	\$7,000
2020	Ram	Promaster 3500 Cargo Van	\$4,500
2020	Ram	Promaster City	\$4,500
2020	Ram	3500 Cargo Van High Roof (159 IN WB)	\$7,500
2020	Ram	3500 Cargo Van High Roof (159 IN WB EXT)	\$7,500
2020	Ram	1500 Quad/Crew 2WD	\$6,750
2020	Ram	1500 Quad/Crew 4WD	\$6,750
2020	Jeep	Grand Cherokee 4X4 Exodiesel	\$2,500
2020	Jeep	Grand Cherokee 4X2 Exodiesel	\$2,500
2020	Ram	3500 Crew/Mega Cab 4WD Ecodiesel	\$2,250
2020	Ram	2500 Crew/Mega Cab 2WD Ecodiesel	\$2,250
2020	Ram	2500 Crew/Mega Cab 4WD Ecodiesel	\$2,250
2020	Ram	2500 Regular Cab 4WD Ecodiesel	\$1,750

FILLING YOUR WATER NEEDS



Chlorination Equipment
UV Disinfection
Water Quality Monitors
Mixers/Flocculators
Chemical Feed Pumps
Lime Slakers
Membrane MicroFiltration
Aeration
Spare Parts & Replacements



P.O. Box 4018
Ballwin, MO 63022
Phone: 636.391.8992
Fax: 636.391.1544
www.resslerassociates.com



Secura-Lok

Patent Pending

**Ford Meter Box[®]
Locking Ball Valves**

SECURE YOUR DECISION



Lock Open • Lock Closed • Lock Operational

www.fordmeterbox.com • 260-563-3171

GPS/GIS MAPPING SERVICES



Through the implementation of GPS & GIS technology, IRWA can effectively produce hard copy and digital maps. With this service available from IRWA, utilities can attain new and accurate maps to better manage their water, wastewater and storm sewer assets.

The printed maps can be large-scale wall maps up to 36"x48" showing utility features with the desired layers (aerial photos, streets, topography, etc.).

The digital map file on a CD, can be accessed with free software that IRWA will provide and install on a utility computer. The program allows you to view, print and click on system features (such as a valve, hydrant, meter pit, curb stop, manhole, lift station, treatment facility, etc.) and pull up attribute data about each. As well as several other capabilities such as printing, zooming, etc.

IRWA has a working relationship with DiamondMaps.com, to put your IRWA project maps on their server, for mobile viewing with a smartphone or cellular capable tablet - including editing capability. This is at no extra charge to the system for the first year's subscription. Continuance of the Diamond Maps service after the first year is at the utility's discretion.

Payment for services is a set charge per feature, with IRWA members receiving an automatic 30% discount, and even more of a reduction with bigger projects.

For more information, you may download a brochure from IRWA's website: www.ilrwa.org/Equipment/Asset_Mapping.html or contact Don Craig by phone: 217-561-1061 or e-mail: craig@ilrwa.org

VIDEO INSPECTION SERVICES

Video inspection technology can help you identify and prioritize maintenance issues, while improving service and reducing emergency maintenance costs.



IRWA is excited to introduce our new Video Inspection Service to our members. The normal fee for this service is \$350.00 for small projects, larger projects requiring more than 1 day will be based on cost per foot.

A contract must be signed in advance of the inspection. Upon completion, your system will be invoiced for the services and will also receive a detailed report including diagrams of the inspection features, and a DVD for your references.

For more information, or to schedule an inspection of your system, please call our office at 217-287-2115 or visit our website: www.ilrwa.org

FORD FLEET PROGRAM



The National Rural Water Association and the Ford Motor Company have created a partnership to offer special fleet discounts to State Rural Water Associations and their utility system members. This partnership combines the buying power of 31,000 individual utilities to provide reduced fleet pricing on utility vehicles. The Ford Fleet Team is #1 in commercial fleet customer satisfaction according to surveys. The Rural Water Ford Fleet Program is a valuable member benefit for water and wastewater utilities. State Rural Water Associations determine eligibility for their members, and provide a fleet code that allows access to substantial vehicle discounts to fill the need for reliable work vehicles. Fleet vehicles must be registered in the name of a member water or wastewater system.

Member utilities should contact their State Rural Water Association to access the Rural Water Ford Fleet Program. Vehicles may be purchased at your local dealer or through the national fleet auto group, get all the details you need online at: www.nrwafleet.com. Incentive discount pricing is available on fuel efficient cars, vans, SUVs and trucks. Systems can save up to \$5800 off factory invoice per vehicle. Happy shopping!



**NATIONAL
RURAL WATER
ASSOCIATION**

NRWA *America's Largest Utility Membership*

2020 Program Details:

- Limited to water/wastewater utilities that are current members of a State Rural Water Association
- There is no limit to the number of vehicles that can be purchased under the program
- Incentive pricing is deducted off the factory invoice
- Fleet vehicles must be in service for a minimum of 12 months or 20,000 miles
- Vehicles must be registered and operated in the 50 United States
- Call your State Association today to get your Fleet Identification Number (FIN)
- Companies, service providers or other sales organizations are not eligible for this program

Eligible Vehicles	Incentive
Fusion (Excludes Hybrid & Energi)	\$2,000
Edge	\$2,500
Escape SFWD	\$1,500
Escape (Excludes Hybrid/PHEV)	\$1,800
Expedition	\$4,000
Explorer	\$1,000
Explorer XLT 4WD or RWD	\$1,500
F-Series Super Duty F250-F550	\$5,800
F150 4X2 Reg Cab	\$4,500
F150 (Excludes Raptor)	\$5,500
Transit Connect	\$2,400
Transit 2WD	\$4,200
Transit AWD	\$3,500
Ranger 4X2 Crew Cab	\$1,000
Ranger 4X2 SuperCab	\$300
Ranger 4X4 Crew Cab	\$1,700
Ranger 4X4 SuperCab	\$1,400



(605) 334-9749 | MAGUIREIRON.COM |    

TANK MAINTENANCE & NEW TANKS

- Full-Service and Custom Tank Maintenance Plans
- Interior/Exterior Tank Painting
- Interior/Exterior Sandblasting and Containment
- Interior/Exterior Tank Inspections
- Lead Abatement
- Interior Tank Cleaning and Disinfection
- Custom Tank Logos
- Chemical Cleaning
- Tank Mixing Systems
- 24-Hour Emergency Services
- Tank Parts



DARIN CLARKE
Illinois Water Tower Expert
(217) 381-8566 | clarked@maguireiron.com

DELIVERING **EXTRAORDINARY**
WATER RESOURCE SOLUTIONS
TO **STREAMLINE** YOUR
EVERYDAY OPERATING NEEDS



Contact Our Industry Experts Today

Aurora, IL | Beecher, IL | Fenton, MO
630-897-6941 | 708-946-2244 | 636-343-3700



WELL DRILLING
MAINTENANCE &
REHABILITATION
PUMP REPAIR
PLUG &
ABANDONMENT
TREATMENT
SOURCING

info@layne.com
layne.com



Coe Equipment C.

Vactor Sewer Cleaners & Trailer Jetters

TRUVAC Vacuum Excavators

Aries Sewer Inspection Cameras

High-Performance Nozzles & Cutters

Sonetics Wireless Communications

217-498-7200

www.coe-equipment.com | sales@coe-equipment.com

Serving Illinois and Missouri Since 1986
All Sewer Cleaning & Vacuum Excavation Equipment



WHERE IN ILLINOIS IS THIS LOCATED?



Be the first person to identify the location of this picture and you will receive an IRWA hat!

Visit IRWA's Facebook page and if you are the first person to post the correct answer on our wall, we will send you an IRWA hat. You can find the link to our Facebook page on our website at www.ilrwa.org.



3305 Kennedy Rd.
P.O. Box 49
Taylorville, Illinois 62568

PRESORTED
STANDARD
U.S. POSTAGE
PAID
Springfield, IL
Permit No. 500

Making Hydrant Flushing EASIER!

Our New USABlueBook Aluminum Dechlorination Diffuser

lets you safely neutralize chlorine/chloramines during hydrant flushing. Lightweight and easy to use, it reduces spray pressure while dechlorinating water—simply add dechlorination tablets. As part of the USABlueBook family of products, this diffuser is guaranteed to deliver great performance at a great price.

Aluminum Dechlorination Diffuser 96741 \$ 999.95

Many accessories are available. See our website or catalog for more information.



NEW!

For more information or to order:
800.548.1234 • usabluebook.com

USABlueBook®
Get the Best Treatment™