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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 Heather McLeod,

Membership Services Assistant, in Manners Park in

Taylorville, Illinois.

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 ilrwa.org.





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USDA Invest Millions for Water and Wastewater Infrastructure in Illinois Rural Communities

by Don Craig, IRWA Deputy Director

As reported on August 3rd by Illinois State Director Douglas Wilson of Rural Development, the U.S. Department of Agriculture (USDA) is investing \$13.7 million to modernize critical drinking water and wastewater infrastructures in rural areas, towns and cities in Illinois.

"These projects reflect how rural development can assist communities and rural residents in achieving safe and plentiful water supplies," Wilson said. "These communities and co-ops are making long-term investments for the customers they serve, which will pay dividends for years to come. Rural Development stands ready to help communities across the state with our water and environmental programs."

USDA is funding five projects through the Water and Waste Disposal Loan and Grant Program. These investments will benefit hundreds of rural Illinois residents. The following are some examples of projects being funded under Rural Development.

- The City of Beardstown will use a \$2.9 million loan and \$826,000 grant to repair or replace sewer collection mains with sustained damage from flooding and purchase a collection of system maintenance equipment. The collection system consists of eight lift stations, 12,550 linear feet of force mains, 137,000 linear feet of gravity sewer main, and 417 sanitary sewer utility holes. These improvements will address the immediate needs within the collection system where streets are collapsing, and sewer mains are failing and alleviate a health and sanitary hazard.
- The City of Pana will use a \$1 million loan and a \$600,000 grant to construct 11 miles of 4-inch and 6-inch

water line to serve additional users who reside around Pana Lake. This project will alleviate a health and sanitary issue that exists due to individual contaminated wells currently being utilized. The project will be funded with Strategic Economic and Community Development funds due to the project being included in the Comprehensive Economic Development Strategy Plan, which covers Christian and Shelby counties and will benefit users in a multi-jurisdictional area.

- The Village of Brocton will use a \$676,000 loan and a \$28,000 grant or water system improvements. The village's water system is nearly 70 years old and has reached its useful life. This project will replace the water main, hydrants, service meters, and associated miscellaneous appurtenances. These improvements will eliminate health and sanitary concerns. These ensure that the village can continue providing safe potable water to its 322 residents in Edgar County.
- EJ Water Cooperative Inc. will use a \$6.4 Million loan and an \$889,000 grant for multi-phase projects in multiple counties. These projects will construct a new water tower, booster station, 4-inch, 6-inch and 8-inch water distribution lines, 49 miles of water main, the abandoned Shumway elevated water storage tank demolition and, the acquisition of a portion of the village of Findlay water tower. They plan to relocate a pump station, replace 26 residential meters outside the village of Strasburg corporate limits, repaint an existing water storage tank, and install a new master meter along with associated appurtenances. These projects will alleviate health and sanitary issues due to low water pressure



within the system, private contaminated wells, and the previous Findley water tower. It will also provide potable water to users in the area.

• The Village of Elliott will use a \$377,000 loan for water system improvements for the Village of Elliot. The village's existing water system has reached its useful life and is in need of renovations. Repairs include a new water-main, hydrants, meters, and other appurtenances. These water system improvements will also eliminate health and sanitary concerns and provide safe potable water to all users. This project will serve 295 residents in Ford County.

To learn more about investment resources for rural areas, interested parties should contact their USDA Rural Development state office. USDA Rural Development provides loans and grants to help expand economic opportunities and create jobs in rural areas. This assistance supports infrastructure improvements; business development; housing; community facilities such as schools, public safety and health care; and high-speed internet access in rural areas. For more information, visit: www.rd.usda.gov/IL.



DERECHO 2020





Forreston is located in Ogle County in north central Illinois and has a population of app. 1,400. Later that evening I received a text message from IRWA Circuit Rider, Evan Jones, stating that he had a request for an continued on page 6

Derecho – A widespread long-lived straight-line windstorm that is associated with a fast-moving group of severe thunderstorms known as a mesoscale convective system. Derecho's, at times, can rival hurricane and tornadic forces and even contain hurricane-force winds, tornadoes, heavy rains, and flash floods. (Wikipedia)

On August 10th, 2020, a strong storm system formed in the area of the Nebraska, North Dakota border, and quickly turned into a derecho moving east across Iowa taking aim at northern and central Illinois. I was conducting an onsite visit at a Village not far from home when around 2:00 PM the weather app on my phone went off saying there was a severe thunderstorm warning for our area. As I headed towards home I encountered some extremely strong winds and some rain, nothing too major (except for the cover on the bed of my truck was blowing up and down in the wind so I had to stop and secure it). As I was to find out later not everyone was as lucky.

With little or no warning, at approximately 2:00 PM on that August day, the Village of Forreston, Illinois took a major hit from the storm system as it moved through the area.



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emergency backup generator from the Village of Forreston. The village was without electricity and had severe tree and power line damage throughout the entire town. The Village was needing the generator to run the aerators at their wastewater treatment plant. They had a

backup generator for their water system and the Village of German Valley had brought their generator to run a critical lift station and their other lift station was maintaining itself as it had very few residences connected to it.

After conversations with Mr. Jones



it was determined that he would pick one of the two 100 kw generators up at our office early the next morning as he lives closer and I would head to Forreston first thing in the morning to see if I could assist the Village in any way while waiting for the generator to arrive.

I arrived in Forreston around 8:30 AM on Tuesday August 11th and what I saw was a lot of tree and power line damage and what appeared to be a wellorganized Emergency Plan in operation. A Command center was set up at the fire station with personnel from the Village of Forreston, Forreston Fire Protection District, Ogle County Sherriff's Office, American Red Cross, Salvation Army, Ogle County Highway Department, Verizon Cellular Service, and probably others I did not even see. I checked in at the Command Center and told them why I was there, offered them some cloth face masks if needed. They directed me in the direction of where I would probably find Village employee Scott Timm. As I proceeded to the area where Mr. Timm was working what I witnessed was small town Rural America at work. There was the sound of chain saws, skid steers, end loaders and dump trucks coming from every corner of town. Everywhere you looked there were hundreds of people both young and old – both local residents and what started off as strangers from the surrounding area - all pitching in to do continued on page 9

Lessons Learned During Covid Pandemic

Well here we are 6 months into what seems to be the new normal due to the Covid-19 pandemic and everyday life has certainly changed. But now that we are past the initial scare of widespread infections and quarantines having crippling effects on small systems, let's look back and see what lessons can be learned.

First, we learned that water and sewer operators will always answer the call when needed in an emergency. IRWA established a sign-up list where operators could volunteer to step in if a town or system experienced a worst case Covid-19 incident of losing the available workers to exposure or illness. At last check the list was 134 strong of some of the very best water and sewer operators in the state ready to aid any town that requested help. Everyone is very thankful that to date no town has experienced any problems that required outside help. But what if there had been an incident that required the help of someone not familiar with your particular plant or system? That brings me to the next thing I learned.

To me, one of the most important

lessons learned is the need for every system to have a S.O.P. (Standard Operating Procedures) manual that is easily available in case of an emergency that makes it impossible for the current staff to perform their duties. For small systems that have few employees to begin with, this is especially important. Each water plant is unique to itself no matter how similar it is to another plant and has its own little tricks and things to do or look for at certain times. Try to put yourself in the shoes of a replacement and be as specific as possible with startup and shutdown procedures. If your plant has any little quirks or oddities that need attention try to be as detailed as possible with your instructions. I know some of you are saying that it is not safe to have startup or shutdown instructions just laying around or that you do not trust giving away your secrets, but it's the right thing to do. It may be the difference in an emergency situation. And as we know now, an emergency can strike surprisingly quick.

Water and sewer operators can take a lot of pride knowing that through one of



the worst pandemics the world has seen that the water kept flowing. Day after day, just like all of the other essential workers, you showed up and did what you needed to do. Keep up the good work and remember to be prepared and plan for the worst, that way you can be pleasantly surprised if it's not that bad. This is more important than ever now as future revenues continue to be uncertain and a lot of other unknowns are yet to come. Be safe and try to take care of each other.



Full Speed Ahead or Slow & Steady:

by Brandon Windell, Soft Starter vs. Variable Frequency Drives (VFD) IRWA Energy Efficiency Circuit Rider

From my experience in the field, opinions are varied with some users preferring soft starters while other opt for VFDs. While each has its merits, final selection should be based upon the needs of your system while considering speed control, size, and price. Considerations include power required, control versus speed, initial price, operating & maintenance cost, and energy savings.

To clarify the difference between the two, I will use a car engine analogy. An electric motor that does not utilize a soft starter or a VFD is akin to slamming your foot down on the accelerator and keeping it there until it stops. A soft starter is like slowly applying pressure to the gas pedal until the maximum output of the engine is reached. A VFD would allow you to push the pedal to steadily increase, let off to gradually decrease, and adjust your speed as desired.

Initial outlay for a VFD is greater than for a soft starter by two to three times. However, VFDs are more energy efficient resulting in savings over time. Generally, for each percent reduced in VFD output the system can save almost 3% of energy costs. Energy costs are only going to increase, so continuously searching for ways to cut energy usage is important. Using a VFD for pumping applications plays a major role in this

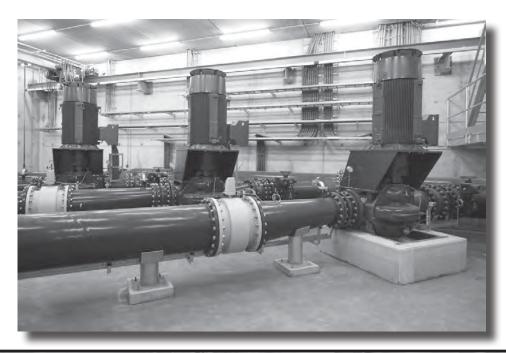
effort. Maintenance and motor life are comparable for both components.

During an energy assessment I will look to see if soft starters or VFDs are being used. If not, one of the first items that is looked for is to see if there are any valves partially closed. Systems without VFDs often use partially closed valves to control the flow of the system. When this method of flow control is used, the motor is running at max speed against a partially closed valve, thus causing unnecessary wear on the motor, valve, and, more importantly, wasting energy. Adding a VFD to a motor working against a partially closed valve would allow for you to open the valve completely and adjust the motor speed to the desired speed/flow needed. For example, if we were to drop the motor



speed to 80%, we can save up to 50% of the motor power using the VFD, which will lead to increasing motor lifetime and significantly reducing energy consumption.

If you are looking for ways to save energy and money in your utility, contact me for a no cost, no obligation energy assessment.





whatever was needed to try to get their lives and their town back as close to normal as they could. One of the trucks pulling into town was pulling a goose neck trailer with a skid steer loaded on it with 4 chain saws strapped to it. In the cab was 4 guys from Wisconsin coming to help.

After speaking with Mr. Timm and Public Works Director,



Mark Rust, they gave me directions to get into the wastewater treatment plant using the "back way" as the main road to the plant was impassable.

Mr. Jones showed up shortly after noon with IRWA's 100 kw generator and we met with an electrician that the Village of Forreston had hired to do the hookup to the blowers at the plant. After getting the generator running, Mr. Jones and I monitored it for a while to make sure everything was working properly before spending the night in a nearby hotel. The next morning, we checked on the generator, had it refueled and offered our assistance for anything else the Village may need. We were asked to do some trouble shooting at one of the lift stations so the Village employees could continue working on cleanup efforts throughout the Village.

News media outlets reported that the Village of Forreston had 41 city blocks of tree and power line damage and 13 blocks of structural damage with 5 non-life-threatening injuries.

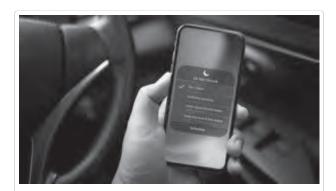
Emergency Operating Plans are not only necessary for your water and wastewater plants but are vital for your community to

have in place for any and all types of emergencies and natural disasters that may occur in your area. Another thing that you, as operators, should consider is a Mutual Aid System/Agreement with your neighboring communities. They may very well have equipment that you don't have and you may have equipment they don't.

If you experience an emergency situation, be it weather related or not, give us a call, we may be able to assist with resources, equipment or both.

Get serious about distracted driving

By Cincinnati Personal Lines



Use available technology tools to avoid distractions.

Distracted driving has become an escalating and deadly problem. The National Highway Traffic Safety Administration recorded 2,841 distracted driving-related deaths on our nation's roads in 2018 – 7.8% of all crash fatalities that year.

While the number was down from 2017, we have a long way to go considering this is an avoidable risk. NHTSA reminds everyone that texting while driving and otherwise driving distracted – by phones, passengers, eating, drinking or even tuning the radio – are dangerous, and often illegal, habits.

Local law enforcement agencies and NHTSA are working to spread the word about the dangers of distracted driving. Law enforcement officers typically step up enforcement efforts and issue citations for distracted-driving violations during the annual Distracted Driving Awareness campaign, which in 2020 was moved from April to October. The campaign aims to remind drivers of the consequences of their reckless actions.

According to NHTSA, between 2012 and 2018, nearly 23,000 people died in crashes involving a distracted driver. That's 23,000 people who didn't make it home.

While distracted driving can take many forms – using GPS,

applying makeup, interacting with other passengers, sipping hot coffee – the most dangerous behavior is texting and driving. The bottom line is this: If your attention is anywhere other than on the road, you're distracted.

Young drivers are some of the most common offenders, according to NHTSA. In 2018, 8% of people killed in crashes involved teens 15-19, who died when teen drivers were distracted at the time of the crash.

If you don't want to get a ticket for distracted driving, it's easy. Focus on the road and not on your phone. If you need to text, stop and pull over. Do not drive.

Whether you're an adult or teen driver, follow these safe driving tips:

- If you struggle with the urge to check your phone or to text while you drive, activate your phone's "Do Not Disturb" feature or place your phone out of reach by putting it in the trunk, glove box, or back seat to keep you from mindlessly grabbing it.
- Ask a passenger to be your "designated texter." Give them access to your phone to respond to calls or messages.
- Do not engage in social media scrolling or messaging while driving. Those notifications will be waiting for you when you arrive at your destination. No text or comment is worth dying for.

For more information, visit the NHTSA's distracted driving page.

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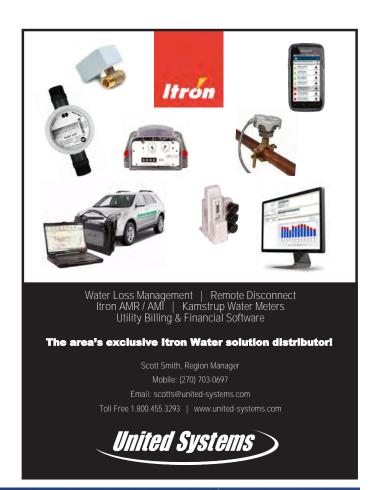
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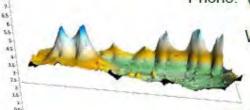
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If your system is interested in having a rate study conducted, please contact Clark Cameron at (217) 287-2115(Office) or (217) 820-3814 (Cell).

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- ⇒ Breakdown of expenses
- ⇒ The cost to produce the water (if applicable)
- ⇒ Amount of nonrevenue water
- ⇒ Amount of lost revenue from water loss
- ⇒ Annual gain or shortfall in revenue
- ⇒ Different rate scenarios



What Information Will I Need to Supply For a Rate Study?

- ⇒ Financial statements for the most current fiscal year (audit report preferred)
- ⇒ Amount of water produced and/or purchased during the most current fiscal year
- ⇒ Amount of water sold during the most current fiscal year
- ⇒ Current rate structure
- ⇒ Number of customers in each rate class
- ⇒ Amount of debt (if any)



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PFAS

By now everyone has more than likely received a letter from the Illinois **Environmental Protection Agency** notifying you of their "Statewide PFAS Investigation Network". If you are like me, at first you looked at the return address on the envelope and had a sick feeling in the pit of your stomach that this was going to be some sort of violation notice. I finally got enough nerve to open the envelope and was relieved to see that it was not a VN but merely a notification that the Agency was embarking on a statewide investigation into the prevalence and occurrence of PFAS in finished water of community water supplies. Over the next 12 – 15 months, IEPA will be sending a representative out to collect samples from over 1500 supplies throughout the state and there will be no cost associated with the sampling. The Responsible Operator in Charge will be contacted prior to collection of the sample.

Depending on the results, it is anticipated that the data gathered through this investigative sampling will most likely be used in developing future Maximum Contaminant Levels (MCL) regulatory standards unique to Illinois. expected to take an estimated 12 to 15 months to complete. My relief that it was not a VN and there would be no additional sampling fees was short lived as I turned the letter over and was greeted with the table containing all of the analytes and their minimum reporting levels – PARTS PER TRILLION!

This got me to thinking. What is a PFAS and where did they come from – I know I did not bring any home with me (knowingly anyway). To get some answers I decided to go to the IEPA's

website and find out a little bit more. I will include some excerpts from their website (https://www2.illinois.gov/epa/ topics/water-quality/pfas/Pages/default. aspx#Background) within this article. The first question that came to mind was what these chemicals/compounds are, followed closely with where and what were they used for. Per- and Polyfluoroalkyl Substances (PFAS) are a group of approximately 5,000 humanmade chemicals that are manufactured for their oil and water-resistant properties. Since the 1940s, PFAS have been used in a wide range of consumer products, industrial processes, and in some firefighting foams (called aqueous filmforming foam or AFFF). This has resulted in PFAS being released into the air, water and soil.

PFAS are used in many industrial and consumer processes to make everyday items non-stick, or water-, oil-, or stain-resistant.

- Food packaging fast food containers, lunch meat paper, disposable plates and bowls, and oil-, water- and grease-resistant coatings on food packaging
- Commercial household products
 non-stick coated cookware (Teflon),
 cleaning products, waxes, polishes, and
 adhesives
- Clothing and fabric textiles stain- and water-resistant carpeting and upholstery, water repellant clothing, tents, umbrellas, shoes, and leather goods
- Cosmetics and personal care products shampoos, conditioners, sunscreens, cosmetics, and dental floss
- Building and exterior use products paints and sealants
- · Industrial use metal plating and



finishing, wire coatings, automotive fluids, and the manufacture of artificial turf

• Firefighting foam - aqueous filmforming foam (AFFF)

As a general rule of thumb, IEPA adopts USEPA MCLs for drinking water, but given that USEPA has not adopted any standards for PFAS, IEPA is drafting and will propose to the Illinois Pollution Control Board amendments to the Part 620 regulations that update toxicity data for various listed chemicals and provide new groundwater quality standards for five PFAS chemicals.

As you can plainly see, PFAS is virtually in just about every aspect of our daily lives. I thought at first that the chances of it being found in my system's water supply would be non-existent. But, after a spending a little time researching, I am not so sure now. Let's all hope and pray that when your sample results come back that you have a clean bill of health. In the meantime, stay safe and stay healthy!

by Jacque Plese, District 2 Board Member

Sasquatch, or more "fake news"

Last year I wrote a story for this publication where I told a bit of a tale about a large bear that may have been the notorious "Big Foot", or just might have been a bit of deception "fake news", which we have all become too familiar with in our modern society.

It seems anymore that we are willing to accept information, true or not, if it serves or justifies a purpose that individually we may benefit from. We seem to have set aside some of the most important ideologies upon which this great nation was founded, "In God We Trust" and "Life, Liberty and the Pursuit of Happiness", "Freedom for All". These are meant for ALL, not certain races, places, faces or creeds, ALL!!

Along with those mentioned above it seems we have all but forgotten one of the most important commandments, "Love Thy Neighbor". Now this one can get a bit difficult. It is so very much easier to dislike, hate, ignore, vanquish, or ridicule others. After all, it does make us feel just a bit better about ourselves when we put others down, but you might agree, not nearly as good as it feels as when we help someone in need. Keep in mind, they do not need to live next door to be your neighbor. We see this good in society every time there is a disaster or crisis of some type. People from all over this great nation come together to help. In times of crisis Americans are the most generous, caring people in the world. Let's try to think that way just a bit more in our day to day life.

Now, back to reality, LOL

That fictional bear I wrote about in my last article, turns out, not so fictional.

Our family neighbor near the cabin in Minnesota has been angry with all the neighbor kids this year since he believes its them that have been vandalizing the bird feeders on his deck. Due to the height of his deck railing, all it could be was kids smashing things with a pole. So, he set a motion sensor light and bell on the deck and waited. When the bell rang and the light came on, he ran outside with bird shot in the 4-10 only to find the biggest black bear he has ever seen, staring him in the eye. Now keep in mind, his deck railing is 9-1/2 feet off the ground and this thing is standing on

its hind legs, reaching on to the railing and stealing anything it liked. The neighbor slowly backed inside, closed the door, and asked his wife if she would get him a change of underwear and go with him to apologize to all the neighbor kids the next day.

Since then we have all had close encounters with the neighborhood "mega-bear", but none as close as my Uncle. Uncle does not have an indoor bathroom, so during one of his nighttime walks to the woods he bumped into the bear. Uncle says he is not sure if he or the bear jumped higher or ran faster, but one thing



is for sure, Uncle did not need to finish the trip to the outhouse that night.



Be good to neighbor and nature.

CHRYSLER GROUP FLEET PROGRAM

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 pricingis 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 |

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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!



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 |



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