

final thoughts...

Give Thanks for all the opportunities that even our struggles bring!

On Jordan Malone's first day at PPW, he won 4 great Cardinal tickets! What a start, eh? And they won! Here he is with his beautiful family! Thanks to CMT for tix!



in this issue >>>

- Banquet Update
- Clean Up Week
- I & I Found!
- Cross Training Opportunity
- And much more!



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THE CITY OF
PERRYVILLE
MISSOURI

Plant your family here.

Office Report

The Front Line Safety Committee meeting will be October 17th at 3:15.
All Hands Meeting: November 7th at 3:15 pm
Visitors at Public Works!!
Joe Scaturo with IMCO, Eric Murray with Murray Warning Lights, Joshua Huffmeister with Hoff Comp, Garrett Drury with Ritchie Bros., Tim Baer with Baer Engineering, Herbert W Tschannen Jr. with Natural Gas Fueling Solutions, and Cameron Mitchell with Greg Abbott and Tim Mattingly with MoDNR..

Happy Anniversary in October :

David Meyr 6 years

coming soon >>>

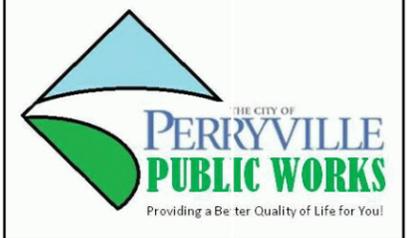
In The Next Issue

- Vector Truck Delivery Date
- WWTP Study
- Thanksgiving...already
- And even some surprises

A Twice Monthly Update from Perryville Public Works

October 14, 2016

What's In The Works And More!



LEGENDS – TWO MORE SOON!

Our salutes continue to go to these LEGENDS and their families as we will add two more to our wall on Nov. 4 at the PPW LEGENDS Banquet!

From the Director: Banquet Time!

Our most exciting time of the year! Our banquet is not a party; rather it is a moment where we get to honor those men and women who have built our foundation that we continue to build upon. We get to say thanks to those men and women who currently "in the trenches" are doing the work that most often goes unnoticed (unless something doesn't work!) This is MY chance to say thanks to all of my team mates who make me look good every single day. It is my time to be proud to work with so many dedicated folks and it is OUR time to add more LEGENDS to our wall. I am so proud to be a small part of this and I am so honored that so many of our corporate partners, vendors, consultants and friends support us and sponsor us to make this happen. To all of you, I say thanks and hopefully, we will see you at the LEGENDS banquet Nov 4!



Harold Schubert accepting his induction last year!



It has been a busy month for the gas crew. They have extended the main down Seminary Rd and ran the service to the Mausoleum. Staff has ran service to 2213 Richelle. This is the first service since we extended the mains around Lake Pointe acres. We have also cut off service to a lot behind 203 W St Joseph Street. Staff has installed three new industrial meters, two of them at Gilster Mary Lee Cereal Plant and Gilster Mary Lee Popcorn. These meters had to be switched out so they were compatible to our new meter reading program. Staff also installed a new meter for Dan's Auto Body new shop.

Pic right: Ryan and Jessie install a new gas meter at Gilster.



Mark, Brenda and Public Works employees

My family and I would like to thank you all for the most touching tribute to Melvin in the procession. It was unbelievable and we were just overwhelmed by it as were so many others in the procession that told us so. You all went above and beyond to honor Melvin. I and many others will never forget it!!!

I also want to thank you for the beautiful stepping stone. I will think of him and all of you every time I look at it.

You all have been so kind to him and I will never forget it. Thanks so much and God Bless you all.

Rose Weber, Linda and Bill

Water and Sewer Update

Daily lift station checks were completed, and water samples taken to the water plant for routine State sampling and reporting. Lift stations were checked and cleaned. Staff has been busy changing out water meter settings and will continue as long as the weather permits. Lift stations are being looked at and issues taken care of by Linda and Anthony. This is a very important part of our collection system. Daily maintenance and checks help us avoid any issues with MoDNR and EPA. The air release at Welty failed causing an overflow that we reported to DNR and was properly cleaned up. A new air release will be ordered and installed. The old lift station off Ganahl and Shelby has been cleaned up, the door shut and sand bagged to prevent I & I from occurring.



Pic right: An old lift station behind Ganahl Street that we found, now used as a man-hole but not on our maps. An entire street was draining into our sewer! Not anymore!

Project Directories

Street Dept.

Sidewalks starting soon!

Gas Dept.

Service now in Lake Pointe Acres

WWTP

Engineering study – complete soon

Water Plant

Working on intake pump

Water/ Wastewater Dept.

Sewer truck delivery Jan 1?

Water System Renovation –

Water tank footings complete

CNG Station: Proposals Soon

New Trash Trucks: Studying

Customer Care Center: Now online at 547-2500! 24 hr emerg line!



Street, Refuse and Maintenance Department Update

We picked up brush again in all three wards. We swept some streets. We delivered some more Toter carts. We sawed the street on Trishia for the extension, called in several locates, repaired with concrete 1/2 of the intersection of South and Church Street. We also repaired 2/3 of Northdale and Water Street. We filled holes around sinkholes in the soccer park, water leak hole on Huber Road, water meter hole on Jackson Street driveway, sidewalk on Holly Street, sewer leak hole on St Joseph, gas leak hole on Church, Zeno and 1200 block of Grand. We picked up trash for the fall cleanup week, started picking up leaves, did routine mowing and weed eating, cleaned several toter carts for new customers, cut the curb on Edwards for catch box replacement and cleaned many other catch boxes. Cleanup Week has started and we are hauling much more trash!



Pic Right: Lots of trash Going to the dump this Week!

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Please remember our 24 hour a day, 7 days a week, 365 days a year emergency number:

547-2500

Cleaner, cheaper, better.

**Natural Gas.
The Natural Choice.**



Water Plant >>>

We had our rebuilt intake pump installed last week and it is running excellent. We are awaiting the spreading of the gravel we removed from the creek. We hope to have our other low lift pump installed in the next few days. We have been busy with daily maintenance, pump repairs, plc problems, etc.

We have also posted a cross training opp for anyone in the City who is interested in the workings at the WWTP. Just see Amy at City Hall and we will work you in!

Pic right: Jeremy Meyer will once again be a featured speaker at the PPW Banquet.



Pic left: Terry King was honored at our 2014 Banquet. Tim Britt and Mark Brown with Terry's family.

Waste Water Plant Update

Fall is finally upon us and hopefully the grass stops growing some. The grass around our trees in the lower field has been growing like mad this year. We have been hauling biosolids, screenings, cleaning porta potties for the park, various electrical work, routine maintenance and cleaning. We will be able to shut off the UV system November 1st for six months! See you when it gets colder.

Building Department Update

By Angie Fields, CBO

As most of you have probably seen the show Mythbusters, or the Farmers Insurance commercial with exploding water heaters in grand Hollywood fashion. Those were actually based on fact rather than Hollywood fiction. Did you know that a 30 gallon water heater under 50 psi of pressure will allow water to boil at nearly 298 degrees and did you know that if that same water heater would rupture, it would produce more energy than 1 pound of Nitroglycerine? That is over 2,000,000 foot pounds of energy. That is why it is important to make sure the water heater in your home is properly maintained. The main component of keeping your water heater safe is a small device located near the top of the unit. It is called the temperature and pressure relief valve. The valve must have a BTU capacity greater than the BTU input of the unit. If the unit has an input of 150,000 BTU's per hour, the relief valve must be greater. All water heaters have a nameplate that must state the maximum temperature setting (210 degrees F) and temperature relieving capacity. The temperature sensing element must be immersed in water in the top 6" of the tank. If it is located below that point, a false reading may be given and the water may be heated at a higher temperature. Another safeguard to the water heater is the drain line connected to the discharge outlet of the relief valve. A properly installed drain line will pitch downward, contain no shut-off valves and terminate above a floor drain. The drain line should never be reduced in size and shouldn't be plugged or crimped. Home maintenance is sometimes a necessary evil, however, in this case, a little information and planning may keep a 1# Nitroglycerine bomb from blowing a hole in your roof.

See Chart to left for more info!

ENERGIES DEVELOPED IN 30 GAL. HOT WATER TANK

Pressure PSI	Water Boils At	Ft. Lbs. Energy Liberated when water is exposed to atmospheric pressure
0	212.0°F	0
10	239.5°F	479,800
30	274.0°F	1,305,000
50	297.7°F	2,021,900
70	316.0°F	2,642,000
90	331.2°F	3,138,400

ENERGY OF EXPLOSIVES

Description	Amount	Ft. Lbs. Energy Liberated
Black Powder	1 lb.	960,000
Smokeless Powder	1 lb.	1,260,000
Nitroglycerine	1 lb.	2,000,000