



July, 2021

## Monthly Progress Report

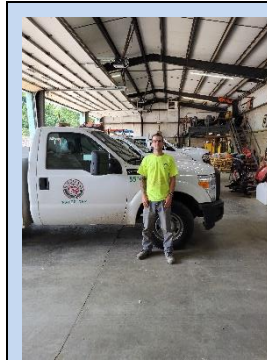
The warm weather and dry conditions continue to keep us on our toes. The Water Distribution crew has repaired 20 water main failures, 5 valve failures, replaced 1 valve and 4 fire hydrants this month. Support services continues to monitor and test water quality throughout the city and has ran about 25 service calls, performed 10 new water service taps and 5 tap destroys.

### Did You Know?

Did you know that while we continue to replace our water mains with plastic, our system is comprised of mainly cast iron and ductile iron? What is the difference between cast iron and ductile iron you might ask? It is mainly in how it is cast. Unbelievably, cast iron pipes started being used in the 17<sup>th</sup> century. While our mains are not that old they are definitely aged. Cast iron was usually poured into a mold making the material less evenly distributed. It also becomes brittle and does not expand and contract easily with temperature changes. Ductile iron is poured into a mold, but is then spun to distribute the material evenly. This method makes the pipe stronger, helps dampen vibration and makes it to where the pipe will bend before it breaks.

### Upcoming Projects

We are continuing our main relocations on Manchester at Bernice and Sylvan and our PRV (pressure reducing valve) on Marshall is scheduled to be up and running this month.



### Spotlight

Ryan started with us back in June and has proven to be a valuable member of the team. Welcome aboard!

### Cut-out on Alfred Ave



### Hydrant Install on Fillmore Ave