



## **OUR MISSION**

*We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management and financial oversight, and ensured regulatory compliance.*

**Alliance Water Resources, Inc.**

**206 S. Keene St.  
Columbia, MO  
65201**

**(573)-874-8080**

## **OPERATIONS REPORT – Ste. Genevieve**

**June 2022**

### **Water Treatment Plant**

- Carbon Dioxide tank was utilizing the pressure blow off valve. This was caused by low refrigerant in the unit. System was charged.
- Electrical project has seen little movement, as we are waiting on Citizens to relocate the pole.
- MicroComm continues to work on the Progress Parkway Pressure Transducer readings
- The power was out at the Water Treatment Plant due to a motor vehicle accident on Market St. Backup generator was used during this event. Though it had to be manually turned on.
- All locations were inspected and cleaned.

### **Wastewater Treatment**

- The Variable Frequency Drive went out that controls the rotors. A new unit was ordered and will be installed upon delivery.
- A waterline blew under the sink in the lab over a weekend. Staff shut down the water and cleaned it up prior to completing the needed repairs.
- Sprayed weeds, and mowed.
- Routine maintenance and inspections were performed as scheduled.



**OPERATIONS REPORT – Ste. Genevieve**

**WASTEWATER PLANT EFFLUENT QUALITY**

	BOD Mg/l	TSS mg/l	pH	E. coli forming Colonies/100 ml
Monthly Average	5.6	2.8	7.7	164
Peak Day	7.6	5.5	8.2	194
Percent Removal	97.3%	98.5%		

**NPDES EFFLUENT LIMITATIONS**

	BOD Mg/l	TSS mg/l	pH	E coli forming Colonies/100 ml
Monthly Average	30	30	6.5-9.0	206
Weekly Average	45	45		1030

**AMMONIA MONTHLY LEVELS**

	<u>Ammonia as Nitrogen</u>
Daily Maximum	.03
Monthly Average	.03

**AMMONIA LIMITATIONS**

	<u>(April 1<sup>st</sup>- Sept 30<sup>th</sup>) Ammonia as Nitrogen</u>	<u>(Oct 1<sup>st</sup>-March 31<sup>st</sup>) Ammonia as Nitrogen</u>
Daily Maximum	4.2	11.8
Monthly Average	1.5	2.6

**PLANT HYDRAULIC AND ORGANIC LOADING**

Daily Maximum flow MG- .613  
 Daily Maximum loading 995 lbs.



## OPERATIONS REPORT – Ste. Genevieve

### Collection/Distribution

#### Collections

- Staff jetted just over 4000ft of lines this month.
- Cameraed the sewer lines on Fourth St to assist Bauman's with locating the sewer laterals.
- Equipment Pro was able to get Robinwood Lift Station going after it failed to run.
- Located a manhole along Highway 61, this has been buried for a long time.
- Staff performed a round of lab cleaning this includes all equipment and glassware.
- The newly installed bar screen at the Riverview Nursing Facility is not being properly maintained nor are their grease traps. Continues
- All lift stations were cleaned, inspected.
- All lift stations were inspected at a minimum of 3 times per week. Staff inspects for grease build up, vandalism, and any electrical issues that would indicate issues with pumps, motors, or controls.

#### Distribution

- The water main that run under the Fourth St bridge ruptured in the concrete. We were unable to fix this leak and it had to be valved off on both sides of the bridge.
- Staff replaced meter pits throughout the system.
- Ordered materials for the relocating of meter pits in the area of the waterline project.
- Meter pits continue to be relocated to yards from basements.
- HVAC System replacement was completed
- All remote buildings were cleaned, inspected.

#### Customer Service

- Staff performed 43 line locates.
- Staff performed 79 work orders.
- Disconnects for non-payment 30
- There were 5.5 loads of lime purchased.



## OPERATIONS REPORT – Ste. Genevieve

### Public Works

#### Streets

- Staff received a report of a hole in the road on Wilder St. After investigating this, we found that the culvert pipe was collapsed. Plans to replace were executed the following day.
- Storm cleanup included storm drains, grates, washing down streets, and limb clean up.
- Staff completed a large pothole patching run. There were 2 loads of concrete and 3 loads of asphalt used during this, and there are still more to get.
- Replaced street signs in the area surrounding the Antique Mall.
- Removed one of the 2 painted Handicap zones that were to be removed
- Brush site cleanup.
- Assisted with the Down Syndrome Event by providing need barricades.
- Sign replacement and tracked inventory has begun, all signs are dated and tracked.
- Routine items were also completed weekly. Trash, light checks, potholes, vandalism, etc....

#### Park

- Staff cleaned graffiti off the equipment at Pinkley Park.
- The sink at the Main St. bathroom was replaced as it was knocked off the wall.
- Mowing, and weedeating was completed.
- Staff continues mulching around trails and playground equipment.
- Staff is completing an inventory of paint needed for the soccer fields to the upcoming season.
- All mowing equipment is being maintained to ensure proper operation when needed

#### Project Updates

- Waterline Project is well under way.
- BT Electric has notified up that the project will begin on or around July 25th.

#### Safety

- All staff received refresher training on Arc Flash Hazards and Electrical Safety.
- Staff was briefed on hazards from excessive heat and how to identify illnesses from it.

#### Regulatory

- DMR
  - Groundwater report
- All were submitted on time

#### Training

- All employees attended a traffic flagger training course. They are all certified at this time.



## OPERATIONS REPORT – Ste. Genevieve

### Concerns for the Month

- Excessive temps and employee safety.

### Positive for the Month

- All Staff working hard through this heat.