



## **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 – Mason DIV51 APR 2024**

### **Administrative**

Alliance staff have been in communication with area developers, providing information about the water and wastewater systems.

### **Treatment**

The water plant is running well and has experienced no issues in April. The wastewater effluent is not able to stay on due to the creek being too low most of the time. This will create problems in the future as the lagoons begin to fill up.

### **Training**

Alliance trained in excavator use and continued their gas training.

### **Regulatory**

The Bac-T samples taken all passed.

Fluoride remains in the treatment plan. Should the board decide on the removal of fluoride it would stop immediately. Fluoride is an optional chemical to use and does not aid in the efficacy or quality of the treatment plan.

Alliance also has begun researching moving from chlorine gas to liquid bleach. Chlorine gas for oxidation and disinfection is highly dangerous compared to hypochlorite. The move to bleach is cleaner and much safer for the operator to handle.

### **Collection/Distribution**

Crews from the Alliance SWAT team helped fix several leaks across the system.

The pump on Charleston Mason was replaced and has shown to be too small for the flow. We are having to supplement the pump with frequent visits from Midsouth Septic.



OPERATIONS REPORT – Mason DIV51

**Pricing for equipment**

**CHLORINE GAS ALARM ~\$3500.00 (REQUIRED BY STATE)**

**Chlorine changeover**

2 Stenner 85 series pumps 17 gpd  
\$ 575.00 ea.

2 100 gallon tanks  
\$ 435.00 ea.

Bleach pricing \$ 2.75 per gal  
Chlorine Gas \$1.24 per lb

<b>April 2024</b>	<b>Actual (YTD)</b>	<b>Budget (YTD)</b>	<b>Over (Under) Budget</b>
<b>Repair Expenses</b>	\$22,164	\$6,245	\$15,919
<b>Chemical Expenses</b>	\$1,663	\$2,085	(\$422)