

**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
MAY 2024

Administrative

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

Treatment

The water plant is running well and has experienced no issues in May. 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.

Six of the aerators are currently not working at the Wastewater plant. These are especially important in lagoon systems to remove as much contamination as possible before discharge into the creek. Cottrell Electric will be out in June to look at the potential cost to fix them as well as getting flow measurement for the creek.

Training

Alliance trained in excavator use and making taps on live lines.

Regulatory

The Bac-T samples taken all passed.

Alliance 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 read meters and assist with taps on Brookside.



OPERATIONS REPORT – Mason DIV51

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.

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

May 2024	Actual (YTD)	Budget (YTD)	Over (Under) Budget
Repair Expenses	\$24,576	\$7,494	\$17,082
Chemical Expenses	\$3,036	\$2,502	\$534