



**UTILITIES MONTHLY REPORT
MAY 2025**

WATER TREATMENT PLANT

Highlights for the Month

- Staff addressed issues with algae killers at the lake. They were not operating due to solar charging issues, which caused treatment issues at the plant.
- Staff conducted a total of 3,680 laboratory analyses during the month.
- Tire issues were addressed on the sludge trailer. Staff began treating sludge and hauled 38,400 lbs to the Columbia landfill.
- Staff worked with industry regarding booster pump station pressure issues that have been resolved by rebuilding a pressure regulating valve.
- Staff is in the process of trying a different type of polymer, which may result in savings.

Monthly Flows

Raw Water	37,038,992 gallons
Finish Water	34,242,480 gallons
Highest Usage (5/29)	1,349,536 gallons
Lowest Usage (5/30)	880,376 gallons
Water Plant Usage	2,770,376 gallons

Monthly Chemical Usage

Lime	3,088 lbs.
Alum	19,462 lbs.
AC100	198 gallons
Chlorine	1,636 lbs.
Fluoride	0 lbs.
Carbon	2,785 lbs.
Ammonia	172 gallons
Caustic	517 gallons

SUGAR CREEK LAKE

Highlights for the Month

- Continued mowing applicable recreation areas at Sugar Creek Lake.
- Conducted maintenance on the sonic algae killers at the lake to correct issues.
- Fielded customer service calls related to renting the Ranger station for events.

DISTRIBUTION & COLLECTION

Collection/Sewer Maintenance Highlights for the Month

- Staff conducted 6 sewer line investigations.
- Jetted 41 sewer line segments for routine cleaning totaling 13,191’.
- Staff conducted 9 CCTV inspections totaling 1,745’.
- Completed 199 Utility locates through Missouri One Call system.

Distribution/Water Maintenance Highlights for the Month

Water Leak Report

Date	Description	Location
5/12	Water Main Break	202 Collins Avenue
5/20	Fire Service Line Break	211 Sparks Avenue
5/25	Water Main Break	601 Monroe Avenue
5/29	Water Main Break	1751 Robertson Road

WASTEWATER TREATMENT

Highlights for the Month

- Staff conducted troubleshooting and repaired a failed sump pump at the Rollins pump station.
- Sludge removal began at the 7-bridges CSO basin.
- D&C staff continued grit removal from headworks building via jet/vac combo truck due to failed grit system. Grit chamber repair parts have been ordered and awaiting delivery.
- Hoses and belts were replaced on the Darwood pump station generator via maintenance contract with vendor.
- Repairs were made to the land application reel by vendor.

Monthly Flows

Plant Effluent	53,880,000 gallons
Sludge transferred to Digesters	1,351,900 gallons
Biosolids Land Applied	0 dry tons
Taylor St. CSO	0 gallons
Rollins St. CSO	0 gallons
7-Bridges CSO	0 gallons
Holman Rd. CSO	0 gallons