CITY OF JOPLIN
COUNCIL AGENDA ITEM

ITEM
Council Bill 2026-109 – Agreement with Trojan Technologies for the Rehabilitation of Turkey Creek WWTP Ultraviolet (UV) Disinfection System.

MEETING DATE
February 2, 2026

ORIGINATING DEPT
Public Works – Operations

ATTACHMENTS
CB2026-109 Ordinance, Quote, Location Map

REVIEWED BY
Director of Public Works, Daniel Johnson; Director of Finance, Leslie Haase; City Attorney, Peter Edwards; Assistant City Manager, Tony Robyn; City Manager, Nicholas Edwards

SUMMARY
This Council Bill will approve an agreement between the City of Joplin and Trojan Technologies for the Rehabilitation of Turkey Creek WWTP Ultraviolet (UV) Disinfection System in the amount of Five Hundred Thirty Six Thousand One Hundred Sixty Four and 92/100 DOLLARS ($536,164.92).

BACKGROUND
The Ultraviolet (UV) Disinfection system at the Turkey Creek Wastewater Treatment Facility was placed in service in 2011. The UV system disinfects treated effluent by exposing it to ultraviolet light, which inactivates bacteria and other pathogens without the use of chemicals, prior to discharge to Turkey Creek, in accordance with the Missouri Department of Natural Resources (MDNR) operating permit. The system is designed to treat flows of up to 35 million gallons per day (MGD). This project will replace aging equipment and controls, including the control center, UV modules, sensors, lamps, programming, and associated field work. Trojan Technologies is the sole source provider of the ultraviolet (UV) disinfection system currently installed at the Turkey Creek Wastewater Treatment Plant.

FUNDING SOURCE
This is included in the FY 2026 Budget in the Sanitary Sewer Fund.

RECOMMENDATION
Staff recommend approval of this Council Bill on first reading.