



**Project Fact Sheet  
Wastewater Treatment Facility  
Biosolids Disposal Contract  
March 3, 2026**

**Project Manager:** Mary Jaeger / Zach Hardy

**Description:** As part of the wastewater treatment process, it is necessary to haul biosolids to a landfill for disposal. Landfills must be approved by the Kansas Department Health and Environment (KDHE) for disposal of wastewater biosolids. The Waste Management landfill in Shawnee is currently the only landfill near Olathe that is approved to accept biosolids. The City transports 2 to 3 loads per day, 5 days per week from the Cedar Creek Wastewater Facility to the landfill. Each load is approximately 8 to 10 tons, and in 2025 the City's total tipping fees were \$274,000. Harold Street biosolids are composted to reduce costs, but we have scheduled digester cleanings in 2025 and 2026 which will require landfill disposals.

**Justification:** To investigate cost savings, we contacted other approved disposal locations. We are also investing in a Capital Improvement Project to pilot Supercritical Water Oxidation of biosolids, which has the potential to reduce tipping fees significantly. The following is a summary of landfills that we contacted:

- 1) Hamm Landfill, Perry KS: 90 mile round-trip. They are not accepting new biosolids at this time.
- 2) Rolling Meadows Landfill (now Waste Management), Topeka, KS: 140 mile round-trip. They are not accepting new biosolids at this time.
- 3) Johnson County Landfill (Waste Management): 30 mile round-trip, with tipping fees of \$70.50/ton in 2025. Tipping fees will increase to \$72.40/ton in 2026, \$75.25/ton in 2027 and \$77.20/ton in 2028. The following table provides a breakdown of projected hauling costs for the next 3 years, which includes growth that is projected in the Cedar Creek service area:

	<b>Cedar Creek WWTF</b>	<b>Harold Street WWTF (digester cleaning)</b>
2025 Actual	\$274,000	\$0
2026 Projected	\$460,000	\$5,000 (estimated)
2027 Projected	\$500,000	\$5,000 (estimated)
2028 Projected	\$530,000	\$0
<b>Total 2026 – 2028 to Council</b>	<b>\$1,500,000</b>	