



The plant layout is displayed here showing the activated sludge plant in the lower left.

Horton Wastewater System Improvements Recognized

The improvements at the city of Horton, Kan. wastewater system earned recognition by KRWA at the 2023 Conference as the “Most Improved Wastewater” Award.

Horton’s original treatment plant was constructed in 1956 and, although there had been many improvements since, the 65-year-old plant was having trouble meeting the modern, much stricter permit limits. In October 2021, construction began on a \$6.3 million facility upgrade. The project was completed in September 2022. The upgrades include a new headworks building, a 250,000 gallon-per-day Aero-Mod treatment system, an office building and nine new sludge drying beds. The project also included the demolition of the old aeration basins and clarifiers.



This photo shows the contractor placing sand in the sludge drying beds.



This project sign shows those involved in this project including the funding sources from the USDA Rural Development.

Since start-up, the new facility has met and exceeded its wastewater permit effluent limits. Financing was secured from the United States Department of Agriculture through the Water and Waste Disposal Loan and Grant program with roughly 40 percent of the money coming as a grant. The project was designed by BG Consultants and the general contractor was AHRS Construction out of Bern, Kan.