

# Wastewater Treatment Plant Improvements St. Joseph, Missouri

City of St. Joseph, Missouri

Project included the design and construction of improvements to the 25-MGD municipal wastewater treatment plant to treat additional industrial flows from a pork processing company. This **fast-tracked** \$13.0 million project was designed in **less than six months** and involved on-going discussions with the Missouri Department of Natural Resources (MDNR) to determine the final effluent design criteria.

The scope of the project involved construction of a new 95-foot diameter industrial primary clarifier, a sludge pumping station, a new 100-ft diameter thermophilic digester, and a building to house the sludge heating and digester control equipment. This facility is the first installation of a thermophilic digestion system in the State of Missouri.



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