

WEST HICKMAN WWTP WET WEATHER STORAGE AND HEADWORKS

STATE PROGRAM: Kentucky Infrastructure Authority

ASSISTANCE RECIPIENT: Lexington-Fayette Urban County

ASSISTANCE AMOUNT: \$67.9M



PROJECT DESCRIPTION

West Hickman WWTP made system enhancements and increased sewer capacity through a \$63.4 million Wet Weather Storage and Headworks Facility project. The project constructed a new mechanical screening and grit removal system, a facility odor control system, two nonpotable water pumping stations, auxiliary power to operate the entire complex, a 20 million gallon above ground storage tank, and a 140 million gallon a day (MGD) pump station that allowed for the elimination of two smaller pump stations. The project provides future public sewer capacity in an area expected to see expansive development. Construction of these enhancements provides the City with the appropriate sewer capacity and eliminates the need for future private septic systems and additional wastewater treatment plants.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2019-11/documents/pisces_2019_compendium.pdf.