

FLIPPIN WASTEWATER TREATMENT PLANT

STATE PROGRAM: Arkansas Department of Agriculture

ASSISTANCE RECIPIENT: City of Flippin, Arkansas

ASSISTANCE AMOUNT: \$4.1M



PROJECT DESCRIPTION

The City of Flippin, Arkansas, operates a wastewater treatment plant (WWTP) that discharges into the White River, a river of significant economic, recreational, and natural value that has been designated a National Blueway. The plant had been operating beyond hydraulic capacity, requiring operators to manipulate the treatment process to prevent biosolids from being discharged into the river. Operators were forced to choose between allowing effluent to exceed permit limitations or discharging untreated sludge.

This project will use \$4.1 million in CWSRF assistance to expand the capacity of the Flippin WWTP. The City will make upgrades to the WWTP including the installation of a new influent pump station, headworks, and a 0.3 MGD Sequential Batch Reactor (SBR). These improvements will enable the plant to effectively treat all the City's sewage and bring the facility into compliance. There will no longer be spillovers of untreated sewage into the White River, improving water quality and protecting public health for downstream communities and businesses. The new energy efficient equipment will also reduce operation costs and contribute to future plant sustainability.

To read more about this case study, please visit <https://www.epa.gov/system/files/documents/2024-04/cwsrf-pisces-2023-recognition-program.pdf>.