

CLARIFIER REPAIR

STATE PROGRAM: Arkansas Department of Agriculture

ASSISTANCE RECIPIENT: Little Rock Water Reclamation Authority

ASSISTANCE AMOUNT: \$7.5M



PROJECT DESCRIPTION

The Little Rock Water Reclamation Authority applied for CWSRF funding to repair, rehabilitate, and replace existing structures at the Fourche Creek Wastewater Treatment Plant. The Authority developed an emergency plan to repair damage to a 170-foot diameter clarifier and the concrete floor, subgrade, base material, and center column. This work was necessitated by rising flooding in the Arkansas River. Other improvements for this proposed work will include repairs to a manhole cover, vault, embankment, and access road and various linework repairs that were necessitated due to flood damage. A \$7,500,000 loan with 1.75 percent interest rate from the Arkansas CWSRF allowed the Little Rock Water Reclamation Authority to move quickly to get a major problem repaired so the treatment plant could maintain its operations and meet wastewater discharge permit requirements, which resulted in less pollutants discharged to the Arkansas River.

To read more about this case study, please visit <https://www.epa.gov/system/files/documents/2022-02/2021-pisces-compendium.pdf>.