

## WWTP IMPROVEMENTS

**STATE PROGRAM:** Tennessee Department of Environment and Conservation

**ASSISTANCE RECIPIENT:** Humboldt Utilities

**ASSISTANCE AMOUNT:** \$15.7M



### PROJECT DESCRIPTION

The Town of Humboldt is a disadvantaged community in West Tennessee with a population of approximately 9,300. The Town's 2.6 MGD wastewater treatment plant needed major renovations due to the plant's age, discharge to an impaired receiving stream, and new discharge limits for nutrients. As the Town was designing renovations to the aging plant, Tyson Foods announced the construction of a new facility in Humboldt with a discharge of up to 2 MGD of waste. To accommodate the increased flow, Humboldt constructed a new 5 MGD Sequencing Batch Reactor (SBR) wastewater treatment plant to handle the increased waste from the industry. These improvements were made possible with a \$15,700,000 CWSRF assistance agreement that includes \$300,000 in loan forgiveness. The new plant with additional capacity allowed for a well-needed economic boost for Humboldt and the surrounding area, creating 1,600 new jobs with Tyson Foods and producing a cleaner effluent for the impaired receiving stream.

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