

## JUNCTION CITY TO HUSTONVILLE SEWER

**STATE PROGRAM:** Kentucky Infrastructure Authority

**ASSISTANCE RECIPIENT:** Lincoln County Sanitation District

**ASSISTANCE AMOUNT:** Over \$4M



### PROJECT DESCRIPTION

Located in central Kentucky, Lincoln County constructed a sanitary sewage system to service 535 previously unsewered residential and 50 previously unsewered commercial customers. This new collection system was a critical upgrade because it replaced 223 failing septic tanks, 101 straight pipes, and 2 package treatment plants that resulted in the direct discharge of raw sewage. This raw sewage was a direct public health issue with documented findings of pathogens and E. coli contaminations in local waterbodies. Additionally, an elementary school in the area retired an inadequate sewage treatment package plant, which meant the school cafeteria's dishwashers could no longer be used due to the capacity overload. Instead, meals were served on styrofoam trays with plastic utensils at a large cost to the school district. These problems were mitigated with the new conveyance system, which was made possible through the collaboration of many supporting partners including the Kentucky Infrastructure Authority CWSRF who provided over \$4 million in financing towards the overall project costs.

To read more about this case study, please visit [https://www.epa.gov/sites/default/files/2018-11/documents/pisces\\_2018\\_compendium\\_0.pdf](https://www.epa.gov/sites/default/files/2018-11/documents/pisces_2018_compendium_0.pdf).