

HONORABLE MENTIONS

PROGRAM: KENTUCKY SRF

RECIPIENT: LINCOLN COUNTY SANITATION DISTRICT

PROJECT: JUNCTION CITY TO HUSTONVILLE SEWER

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.

PROGRAM: MAINE SRF

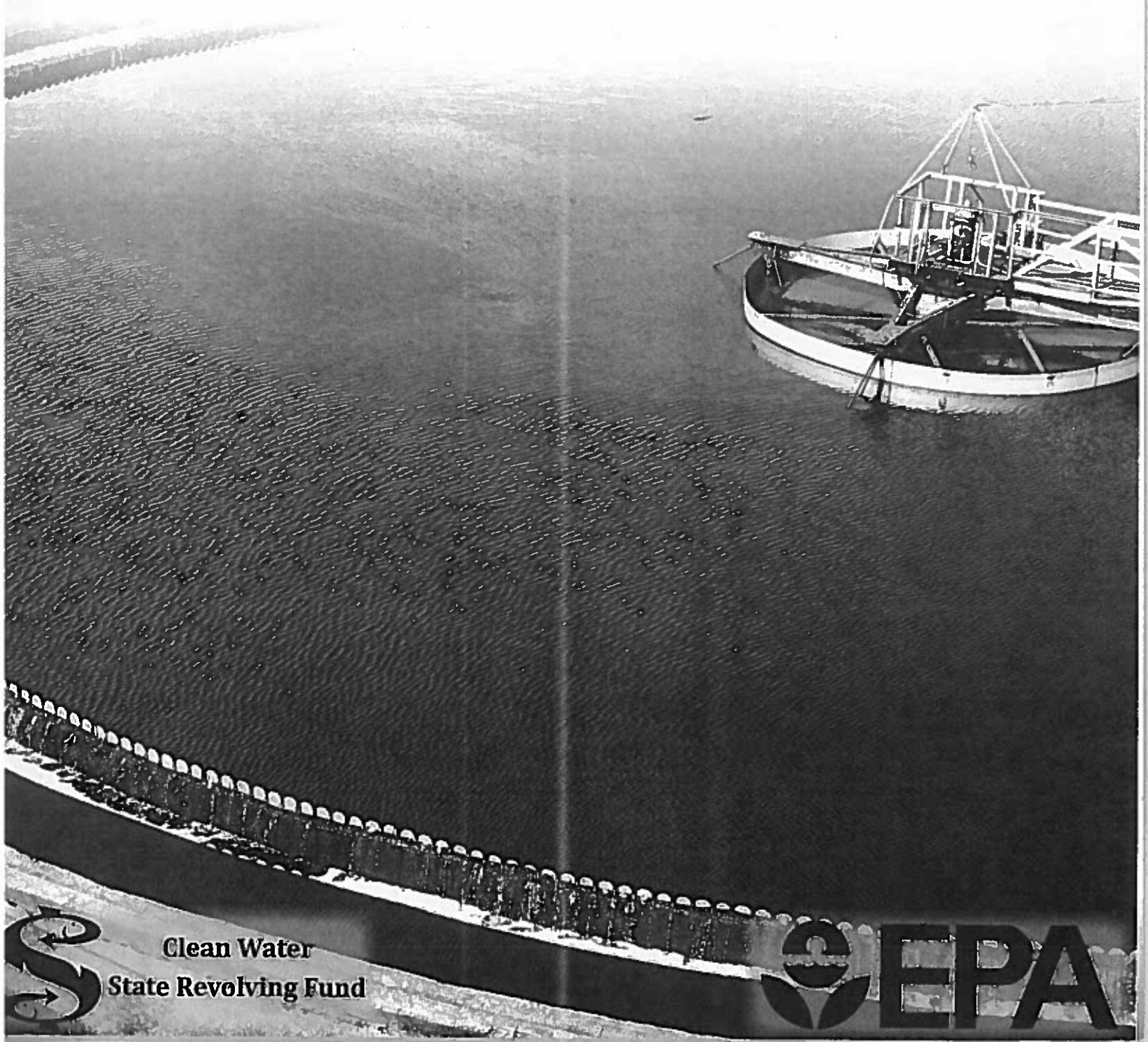
RECIPIENT: LEWISTON-AUBURN WPC AUTHORITY

PROJECT: ANAEROBIC DIGESTION & COGENERATION

The Lewiston-Auburn Water Pollution Control Authority (LAWPCA) needed new options for disposal of their biosolids due to rising costs for application to farm fields. LAWPCA received a one percent interest SRF loan to construct an anaerobic digestion facility to reduce their biosolids capacity. The project had the added benefit of producing significant amounts of electricity, which is used to power the water reclamation facility. The project's two 230-kilowatt biogas cogeneration engines produce an average of 200,000-kilowatt hours per month and have gone as high 380,000-kilowatt hours in some months. This self-generated power significantly reduces the facility's energy costs, and the low interest rate financing made this project affordable. LAWPCA turned a problem into a success by converting their biosolid disposal issue into a process that now produces energy for the facility without raising rates for their community.



PISCES
Recognition Program
2018
Compendium



 Clean Water
State Revolving Fund

