

SEWER IMPROVEMENTS – PHASE 7 CSO

STATE PROGRAM: Ohio Environmental Protection Agency

ASSISTANCE RECIPIENT: Village of New Boston

ASSISTANCE AMOUNT: \$1,839,945.78



PROJECT DESCRIPTION

In the small village of New Boston, storms could trigger overflows at an existing combined sewer system causing untreated sewage to discharge into the local streets, streams, and the Ohio River. With a population of around 2,225 and a median household income of \$16,691, the Village faced a difficult challenge in addressing this longstanding health and environmental issue. New Boston partnered with the City of Portsmouth, U.S. EPA, Ohio EPA, and the Ohio SRF as they sought appropriate solutions to address their CSO problem. The result was a seven-phase project that included inflow and infiltration source removal and the construction of new main line storm sewers and sanitary express sewers. The new sewer systems were designed to send local sanitary sewage to the nearby City of Portsmouth for treatment and divert the stormwater to local streams and the Ohio River.

Working with the CWSRF program, the Village was able to complete the final phase of the project and cover two-thirds of the cost through principal forgiveness, with the remaining amount being covered by zero percent CWSRF loans. New Boston's upgrades to their CSO infrastructure helped them meet their clean water obligations and support a cleaner Ohio River.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2021-02/documents/2020_pisces_compendium.pdf.