

BACK RIVER WASTEWATER TREATMENT PLANT

STATE PROGRAM: Maryland Department of the Environment

ASSISTANCE RECIPIENT: Baltimore City and Baltimore County

ASSISTANCE AMOUNT: \$368M



PROJECT DESCRIPTION

The Back River Wastewater Treatment Plant Headworks Project was implemented to help Baltimore City and Baltimore County to comply with an EPA and Maryland Department of Environment (MDE) Wet Weather Consent Decree to eliminate sanitary sewer overflows (SSOs). The Headworks Project, which received \$368 million in CWSRF assistance, increases capacity at the initial stage of the wastewater treatment process to be able to handle excess flows that typically come into the plant during heavy rains. This project will eliminate up to 80 percent of Baltimore City's SSOs, putting the City in a very good position to meet the terms of its EPA/MDE Wet Weather Consent Order. It will also significantly reduce the incidence of basement backups for Baltimore's residents. The Back River Wastewater Treatment Plant Headworks Project provides cost-savings for the Plant's customers as well as protecting local water quality, Chesapeake Bay water quality, public health, and quality of life

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