

# CONSTRUCTION OF WET WEATHER STORAGE TANK AND UPGRADES TO TREATMENT PLANT'S HEADWORKS

**STATE PROGRAM:** Indiana Finance Authority

**ASSISTANCE RECIPIENT:** City of Chesterton

**ASSISTANCE AMOUNT:** \$10.75M

## PROJECT DESCRIPTION

Properly managing wet weather flows is an important aspect of wastewater treatment that poses challenges for communities across the country. Heavy rain events can place additional burden on the capacity of treatment works, damaging infrastructure and negatively impacting local water quality. In September of 2013, the city of Chesterton took action to address wet weather concerns when it received a \$10.75 million loan from the Indiana Finance Authority's Wastewater State Revolving Fund (SRF) to finance the construction of a 1.2 million gallon wet weather storage tank and upgrades to the local treatment plant's headworks. The increased wet weather storage capacity will enable Chesterton to better manage wet weather flows that exceed the treatment plant capacity of up to 26 million gallons per day, or rainfall equivalent to 10-year storm event. Securing a loan through the SRF program rather than a conventional sewage revenue bond saved Chesterton \$2.7 million over 20 years, achieving significant environmental protection benefits at a lower cost to rate payers.

To read more about this case study, please visit [https://www.epa.gov/sites/default/files/2016-11/documents/protecting\\_public\\_health\\_and\\_water\\_quality\\_with\\_the\\_clean\\_water\\_state\\_revolving\\_fund.pdf](https://www.epa.gov/sites/default/files/2016-11/documents/protecting_public_health_and_water_quality_with_the_clean_water_state_revolving_fund.pdf).