

WATER RECLAMATION AND REUSE PROJECT

STATE PROGRAM: Virginia Department of Environmental Quality

ASSISTANCE RECIPIENT: Fairfax County

ASSISTANCE AMOUNT: \$9.3M

PROJECT DESCRIPTION

In 2015, the Virginia CWSRF provided nearly \$6.5 million in funding for a \$9.3 million water reclamation and reuse project that helped construct a system to pump non potable water to a waste-to-energy facility, golf course, and baseball fields in Fairfax County, Virginia. Now, more than 500 million gallons a year of treated wastewater that would otherwise be discharged into the Chesapeake Bay are instead put to beneficial reuse. This also provides a source of income for the county, while keeping additional nutrients such as nitrogen and phosphorus out of Pohick Creek, conserving drinking water, and offering a bargain to reuse customers on their water bills.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2017-10/documents/funding_water_reuse_and_conservation_projects_with_the_clean_water_state_revolving_fund.pdf.