



State Revolving Fund Loan Program  
an Indiana Finance Authority Environmental Program

100 North Senate Avenue, Room 1275  
Indianapolis, Indiana 46204  
[www.srf.in.gov](http://www.srf.in.gov)

**MEMORANDUM**

TO: Official Loan File

FROM: Amanda Rickard

DATE: December 1, 2019

RE: Green Project Reserve (GPR) Business Case  
Richmond Wastewater Treatment Plant Project  
SRF Project WW 19 01 89 01

Richmond Sanitary District's Wastewater Treatment Plant project will replace existing plant components that have reached the end of their useful life, and will make improvements to plant hydraulics, secondary treatment/aeration processes, final clarification, and control systems. The project is necessary for the District to comply with current and anticipated discharge permit limits and to restore the plant's peak secondary treatment flow rate of 36 MGD, which is a requirement of their CSO LTCP.

The new energy efficient blowers and air control system will provide greater than 25% energy savings. Therefore, aeration system components are categorical under the GPR energy efficiency category.

The total GPR cost is \$2,168,266. Of this, construction cost based on bids is \$2,007,666 and engineering cost is estimated at \$160,000. Richmond Sanitary District closed an SRF loan in the amount of \$16,750,000 on November 1, 2019.