



State Revolving Fund Loan Program  
an Indiana Finance Authority Environmental Program

100 North Senate Avenue, Room 1275  
Indianapolis, Indiana 46204  
www.srf.in.gov

**MEMORANDUM**

TO: Project File, Town of New Whiteland, WWTP Improvement Project  
SRF Project # WW 18 14 41 02

FROM: Ethel L. Morgan, PE

DATE: January 3, 2019 (Final)

RE: Green Project Reserve, Business Case

**Summary**

1. The Town of New Whiteland is constructing improvements to its wastewater treatment facility to replace equipment that has served its useful life, and make renovations to extend the life of other facilities.
2. The green project reserve components of this project include the installation of high efficiency blowers and the use of ductile iron pipe for air system modifications. The use of ductile iron pipe is a categorically green component. A business case was developed identifying the energy savings associated with the installation of the high efficiency blowers. The result of the business case shows that by installing the proposed blowers, energy costs can be reduced by approximately 22%. Therefore, the energy usage reduction exceeds the 20% reduction GPR requirement for a categorical improvement.
3. The actual as-bid energy efficient GPR cost for this project is \$321,450. The GPR planning and engineering costs for the WWTP Improvement Project is \$13,311, for a total GPR as-bid cost of \$334,761. New Whiteland closed on a SRF loan on December 13, 2018 in the amount of \$2,497,000.

**Conclusions**

1. The business case and categorical exclusion was reviewed by internal staff and found to be in accordance with meeting the GPR requirements for the energy efficiency category.

