



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, City of Fort Wayne, Wastewater Utility Improvements PER Chapter 4 Plant Improvements
SRF Project #WW 18 02 41 01

FROM: Tracey R. Trimpe

DATE: December 10, 2018

RE: Green Project Reserve, Business Case Summary

Phase I will include the following projects:

- Methane Use Improvements (**GPR**), including improvements made to the tanker unloading, high strength waste (HSW) mixing, and digester gas flare system facilities, along with increasing the volume of the HSW storage facilities; and
- Wet Weather Pump Station Bar Rack Cleaning Equipment.

Phase II will include the following projects:

- Thickening Waste Activated Sludge Force Main and Gravity plant water line to the Digester Complex;
- Main Electrical System Upgrade and Emergency Generator;
- Methane Use Improvements (**GPR**), including additional storage, mixing and handling systems, along with additional methane gas transmission and storage upgrades;
- Aeration Trim Blowers; and
- Relocate the laboratory to an existing building at the WPCP.

The Methane Use Project, of PER Chapter 4 Plant Work, qualifies as a categorical project for energy efficiencies.

Conclusions: Based on estimates provided in the PER, the Total GPR for this project is in the amount of \$2,316,250.00 (\$1,140,950.00 Phase I + \$1,175,300.00 Phase II).

