



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, Sewer Rehabilitation, SRF Project # WW14 31 02 06

FROM: Jack Fisher

DATE: July 17, 2014

RE: Green Project Reserve (GPR), Business Case

Summary:

- The proposed project includes the rehabilitation of 14,424 feet of 8-inch, 6,658 feet of 10-inch, 32,042 feet of 12-inch and 9,157 feet of 15-inch sanitary sewers.
- The estimated Total Project Cost is \$17,000,000.
- Estimated State Revolving Fund Loan Amount is \$17,000,000.
- Estimated GPR portion cost of loan associated with the sewer rehabilitation for energy savings and treatment cost is **\$2,245,044**. This represents approximately 13 % of the estimated loan amount.

Conclusions

- The proposed sewer rehabilitation project will result in an annual energy cost savings of \$35,238 associated with wastewater treatment and \$244,529 total treatment cost savings for a total annual savings of \$259,767 for the proposed project.
- The project will have a payback period of 10 years. The life expectancy of the sewer improvements is 70+ years.

