



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 Jonesboro, Wastewater Collection System Improvements, SRF Project # WW14 03 27 01

FROM: Jack Fisher

DATE: January 30, 2014

RE: Green Project Reserve (GPR), Business Case

Summary:

- The proposed project consists of rehabilitating approximately 9,230 feet of 15-inch and 18-inch diameter gravity sewers by incorporating cured-in-place-pipe (CIPP) lining. These sewers are approximately 50 years old and experiencing excessive groundwater infiltration due to numerous main line defects and joint degradation.
- The following items at the Main Lift Station lift station are being replaced due to major components being in poor condition and the controls being unreliable: control panel; alarm dialer; control floats; backup generator; automatic transfer switch; replacing existing pumps with three new chopper pumps including rails and hoist chain; and dry well and wet well force main piping, valves and meters.
- The following items at the White Oaks Mobile Home Park Lift Station are being addressed due to poor condition and no means for emergency backup: replace control panel heater; refurbish control panel; replace control floats; install receptacle on the control panel for a portable generator; and purchasing a new portable generator.
- The estimated Total Project Cost is \$2,315,400.
- Estimated State Revolving Fund Loan Amount is \$2,315,400.
- Estimated GPR portion cost of loan associated with the wastewater collection system improvements is **\$1,423,400** and **\$170,000** for planning and design costs for a total of **\$1,593,400**. This represents 69 % of the estimated loan amount.

Conclusions

- With the rehabilitation of the collection system and the replacement of items at the Main Lift Station and White Oaks Mobile Home Park Lift Station an annual savings of \$29,932 in treatment costs and an annual savings of \$3,632 in energy costs will be achieved.

