



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: Official Loan File

FROM: Amanda Rickard

DATE: June 27, 2013

RE: Green Project Reserve (GPR) Business Case and Categorical Exclusion
Chesterton Wastewater System Improvements Phase I
SRF Project WW 13 10 64 02

Chesterton proposes improvements to its wastewater treatment plant and collection system to allow for 1) efficient operation, 2) reduced power consumption and improved reliability, and 3) reduced infiltration/inflow for less pumping and treatment. The proposed project includes electrical upgrades at the Dogwood and Golfview lift stations; installation of a backup power generator at the Westwood lift station; rehabilitation of approximately 3,700 feet of 15- and 42-inch diameter sanitary sewers and associated manholes; and treatment plant equipment replacements and upgrades.

The sewer and manhole rehabilitation work is considered to be green under the energy efficiency category. Reduction of infiltration /inflow from the sewer system saves energy from pumping and treatment of the flow. The business case developed by DLZ Indiana was reviewed and found to meet the GPR requirements for the energy efficiency category.

The gas recovery system will be cleaned and the gas control and waste burner system will be upgraded to allow the use of the digester gas in the boiler to heat the digester. The use of biogas is a renewable energy, and is therefore categorically eligible for GPR under the energy efficiency category.

The total GPR cost is \$923,975. Of this, the construction cost based on bids is \$702,775 and engineering cost is estimated at \$221,200.

Chesterton closed an SRF loan in the amount of \$3,621,000 on June 21, 2013.

