



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: Feb. 4, 2014

RE: Green Project Reserve (GPR) Business Case
Town of Middletown
5th Street Sewer Improvements
SRF Project WW 14 02 33 01

Middletown proposes to separate sewers in select areas that are presently served by undersized combined sewers. The project includes sanitary and storm sewer construction ranging from 12- to 48-inch diameter. The project addresses part of Middletown's Combined Sewer Overflow Long Term Control Plan and will reduce combined sewer overflows and wet weather flow being transported to and treated by the wastewater treatment plant.

The sewer separation project 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. A business case was developed by Butler, Fairman and Seufert.

The total GPR cost is \$1,427,231. Of this, the construction cost based on bids is \$1,364,231 and engineering cost is estimated at \$63,000.

Middletown plans on closing an SRF loan in the approximate amount of \$2,740,000 on February 6, 2014.

The business case and project descriptions were reviewed and found to meet the GPR requirements for the energy efficiency category.