



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: November 26, 2012

RE: Green Project Reserve (GPR) Business Cases  
Logansport Municipal Utilities  
SRF Project WW 12 09 17 03

Logansport Municipal Utilities proposes improvements to its wastewater collection system to reduce the volume and frequency of combined sewer overflows, to comply with Logansport's approved CSO Long Term Control Plan. The projects are divided into three contracts.

Cliff Drive EQ Basin and Pump Station

Equalization basin with approximately 0.7 MGD capacity

Pump station with three 1,000 gpm pumps with associated controls and VFDs (GPR)

Linden Avenue and Cliff Drive Interceptor Sewers

Replacement of approximately 1,600' of 24" pipe with 36" pipe along Front Street and Linden Ave.  
CSO diversion structure at Cliff Drive

Approximately 2,750' of 60" pipe with associated manholes and sanitary taps

Approximately 780' of 24" pipe with associated manholes and sanitary taps

Approximately 1,970' of 15" pipe with associated manholes and sanitary taps

Sewer Lining Project

Rehabilitation of approximately 13,410' of 18" through 36" clay and brick combined sewers and manholes with the cured-in-place pipe method (GPR)

The GPR components are considered to be green under the energy efficiency category. Utilizing VFDs allow motors to operate proportional to the amount of work required, which reduces the actual energy consumed. Sewer lining reduces the amount of water that infiltrates into the system, therefore reducing the energy consumed by the influent pumps and reducing treatment costs. The business cases developed by GAI Consultants were reviewed and found to meet the GPR requirements for the energy efficiency category.

The total GPR cost is \$1,367,600. Of this, the construction cost based on bids is \$1,315,499 and engineering cost is estimated at \$52,101.



Logansport plans on closing an SRF loan in the approximate amount of \$8,863,000 in December 2012.