



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 Huntington, CSO LTCP Projects 5 and 6 and Rabbit Run Lift Station Modifications and Electrical Improvements, State Revolving Fund (SRF) Project # WW17 35 21 06

FROM: Jack Fisher

DATE: January 18, 2018

RE: Green Project Reserve (GPR), Business Case

**Summary:**

- Huntington entered into a State Judicial Agreement (SJA) in September 2017 with the Indiana Department of Environmental Management. The requirements of the SJA addressed revisions to and implementation of the Combined Sewer Overflow (CSO) Long Term Control Plan (LTCP). August 2013. The LTCP requires completion of the LTCP Project No. 5 – Effluent Lift Station and Project No. 6 Interceptor Segment #1 CSO 006 to CSO 003. These projects are projected to be completed by December 2018 and December 2020, respectively. For Project No. 6 it was determined that construction of the new interceptor from CSO 008 to CSO 003 will be costly and difficult to construct due to shallow bedrock, proximity to railroad tracks and the Little River. Therefore, complete separation of the combined service area 008 was selected. Separation of storm water from the combined system will be done by disconnecting catch basins, storm inlets, and directing the storm water to the Little River. Hydraulic modeling results indicated that full separation of CSO 008 service area will reduce the annual overflow volume by 2.5 million gallons in a typical year that would have been conveyed for further treatment at the wastewater treatment plant.
- The proposed project includes: installing approximately 320 feet of 12” storm sewer, approximately 885 feet of 15” storm sewer, approximately 1,600 feet of 18” storm sewer, approximately 1,400 feet of 24” storm sewer, and approximately 800 feet of 36” storm sewer; installing approximately 45 inlets; installing approximately eight 4-foot diameter manholes and approximately four 5-foot diameter manholes; and installing an storm water outfall structure.
- The estimated Total Project Cost is \$10,645,000.
- SRF Loan Amount is \$10,644,000.
- This project qualifies under the category of **Energy Efficiency**. The GPR construction cost will be **\$3,270,828** while the GPR engineering cost will be **\$520,463** producing a total cost of **\$3,791,291**.

**Conclusions:**

- Sewer Separation of CSO 008 service area will yield and **annual energy savings of \$1,945 or 21% which is categorical.**