



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: August 21, 2012

RE: Green Project Reserve (GPR) Business Case and Categorical Exclusion
City of Portland
North Side Sewer Separation Project and WWTP Improvements
SRF Project WW 10 04 57 01

Portland proposes to separate sewers in a portion of the city that is presently served by combined sewers. The project includes installing new sanitary sewers and manholes, lining existing sewers, and converting existing combined sewers to carry storm water only. The project addresses part of Portland's Combined Sewer Overflow Long Term Control Plan and will reduce combined sewer overflows and wet weather flow being transported to the wastewater treatment plant.

The sewer separation projects are 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 the Schneider Corporation. For phasing purposes, the sewer work is divided into Division B, Division C, and Division D.

Portland also proposes improvements at the wastewater treatment plant, including replacement of anaerobic sludge digester equipment. The proposed digester heater/heat exchanger and jet mixing system will generate energy from biosolids. This is a renewable energy, and is therefore categorically eligible for GPR under the energy efficiency category. For phasing purposes, the WWTP work is under Division A.

For Division A&B, the total GPR cost is \$1,950,718. Of this, the construction cost based on bids is \$1,712,379 and engineering cost is \$238,339.

Portland closed an SRF loan for Division A&B in the amount of \$3,495,000 on June 27, 2012. A second SRF loan for Division C&D will close in late 2012.

