



State Revolving Fund Loan Program  
an Indiana Finance Authority Environmental Program

100 North Senate Avenue, Room 1275  
Indianapolis, Indiana 46204  
[www.srf.in.gov](http://www.srf.in.gov)

**MEMORANDUM**

TO: Official Loan File

FROM: Amanda Rickard

DATE: Nov. 1, 2013

RE: Green Project Reserve (GPR) Business Case  
Chesterton Wastewater System Improvements Phase II  
SRF Project WW 13 10 64 03

Chesterton proposes wet weather improvements to its wastewater treatment plant according to their approved LTCP. The proposed project includes a new 1.2 MG storage basin and headworks expansion. The current plant average design flow is 4.6 MGD, and peak design flow is 10 MGD. The new headworks will pump wet weather flows exceeding 10 MGD to the new storage basin, and will include grit removal and screening to treat up to 26 MGD in wet weather flow. The proposed project also includes SCADA upgrades at the WWTP and at four lift stations.

The SCADA work is considered to be green under the energy efficiency category. Replacing the outdated SCADA controls with a wireless system will allow for more efficient lift station and WWTP equipment operation, resulting in a reduction of manpower costs and fuel use. The business case developed by DLZ Indiana was reviewed and found to meet the GPR requirements for the energy efficiency category.

The total GPR cost is \$315,690. Of this, the construction cost based on bids is \$300,690 and engineering cost is estimated at \$15,000.

Chesterton closed an SRF loan in the amount of \$10,751,000 on Sept. 30, 2013.

