

MEMO

To: Project File, Basin 14 & Mt. Tabor Lift Station Upgrades, New Albany, Project WW09712205B

Date: December 28, 2010

Re: Green Component Business Case

The proposed upgrades to the Basin 14 and Mt. Tabor lift stations will consist of replacing the existing pumps, variable frequency drives, electrical service, generators, and all appurtenant equipment. Specifically, the improvements are as follows.

1. The Basin 14 lift station improvements include:
 - a. Installation of new variable frequency drives (VFD's),,
 - b. Installation of three (3) new 385 hp pumps,
 - c. Installation of a new 900 kw generator, and
 - d. Installation of new electrical service, switchboards, ATS, etc.
2. The Mount Tabor Road lift station improvements include:
 - a. Installation of new variable frequency drives (VFD's),
 - b. Installation of four (4) new 250 hp pumps,
 - c. Installation of a new 800 kw generator, and
 - d. Installation of new electrical service, switchboards, ATS, etc.

The consultant for New Albany provided certain documents to substantiate the green components of the project. The items attached include,

1. Project background discussion.
2. GPR construction and engineering component costs based on the bid documentation.
3. Energy Efficiency discussion.
4. Presentation of estimated energy use reduction of approximately 65%.
5. The proposed project is effective in that it provides for a yearly energy usage savings of approximately \$50,000.

The estimated Energy Efficiency portion for this project is \$1,659,750: \$1,470,106 for construction based on bid pricing and \$189,644 for planning and design engineering. The GPR costs for this project equates to approximately 22% of the total loan amount. The total GPR amount for all projects under this SRF Loan is \$5,061,646.70, or 68% of the total loan amount of \$7,400,000.

All GPR costs fall in the Energy Efficiency category This project is categorically eligible for GPR for energy efficiency per paragraph 3.2-2 of U.S. EPA Attachment 2, 2010 Clean Water and Drinking Water State Revolving Fund, 20% Green Project Reserve: Guidance for Determining Project Eligibility, April 21, 2010.