



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street, SE
Charleston, WV 25304
Phone: 304-926-0495 / Fax: 304-926-0496

Austin Caperton, Cabinet Secretary
dep.wv.gov

MEMORANDUM

To: Marie Prezioso, Chair
Funding Committee
Infrastructure and Jobs Development Council

From: ^{KE} Katheryn Emery, P. E.
Sewer Technical Review Committee

Date: January 18, 2019

Subject: Preston County PSD Preliminary Application: 2015S – 1614
Bruceton Mills-Brandonville Sewer System Upgrades

-
1. This committee has reviewed the preliminary application and engineering report submitted for the above referenced project in accordance with Chapter 31, Article 15A. It has been determined that the proposed project is:
 - a. Consistent with the intent of the Infrastructure and Jobs Development Act and is the most cost-effective, environmentally sound alternative for solving the wastewater needs in this area.
 - b. Not consistent with the Act and may not be the most cost effective, environmentally sound alternative for solving the wastewater needs in this area.
 - c. Same as (a) above except that certain issues need to be addressed prior to design and construction as the attached comments indicate.

 2. Our recommendation is that:
 - a. The Funding Committee needs to review the proposed sources of funding to determine the best mix of grant and/or loan funds in accordance with applicable guidelines.
 - b. The Funding Committee should recommend that the Council approve the proposed project and its funding plan.

- c. The Funding Committee does not need to review the funding assumptions on this project because of deficiencies in the engineering report. The proposed project funding should be tabled until technical comments have been resolved.

- d. This project should be referred to the Consolidation Committee.

3. Other remarks:

The previous application proposed to replace the existing Bruceton Mills WWTP as well as upgrade and replace portions of their existing collection system. The scope has expanded to add additional treatment to meet metals limits in the NPDES permit and to include replacement of the existing influent lift station. Due to these changes as well as others as the project has moved through the design phase, the total project cost has risen from \$4,225,000 to \$6,966,000. The proposed funding sources are a \$4,901,000 CWSRF loan, \$1,000,000 in CWSRF principal forgiveness, a \$1,000,000 IJDC grant, and a \$65,000 IJDC soft cost grant.



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0495 / Fax: (304) 926-0496

Austin Caperton, Cabinet Secretary
dep.wv.gov

MEMORANDUM

TO: Katheryn Emery, P.E., Assistant Director, DWWM

FROM: Dominique Madison, DWWM

DATE: January 10, 2019

SUBJECT: Preston County Sewer Public Service District
Sanitary Sewer Improvements and Upgrade Project
Funding Source Increase Request
IJDC# 2015S-1614

RECOMMENDATION

Funding source increase request for the above referenced project has been reviewed. The District is proposing a funding increase from a \$4,100,000 CWSRF Loan and \$125,000 IJDC Grant to a scenario of a \$4,901,000 CWSRF Loan (with terms of 0.5%, 40 yrs.), \$1,000,000 in CWSRF Debt Forgiveness, a \$1,000,000 IJDC Grant and keep the existing \$65,000 IJDC Soft Cost Grant for a total cost change from \$4,225,000 to \$6,966,000. It is recommended that this request for a funding change be approved.

PROJECT DESCRIPTION

The scope of the original project was to rehabilitate the existing Preston County Sewer PSD's sanitary sewer system. The upgrades and improvements will include the construction of a new wastewater treatment plant, the reduction of inflow and infiltration, and more efficient pumping and management of wastewater.

The new estimate changed the scope which added a chemical storage and feed system, a disk media filter, electrical control integration, and the replacement of the existing lift station. The last estimate was completed two years ago, and the cost have increased. After completing the design and receiving updated cost from vendors, the estimate was updated.

Promoting a healthy environment.

Since the preliminary application was previously reviewed, the project cost estimate has been updated to include the following soft costs adjustments.

- Engineering Design increased by \$140,000.
- Residential Project Representative increased by \$10,000.

The total increase to the project is \$2,741,000.