



west virginia department of environmental protection

Division of Water and Waste Management
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Harold D. Ward, Cabinet Secretary
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MEMORANDUM

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

From: Katheryn Emery, P. E.
Sewer Technical Review Committee

Date: November 16, 2022

Subject: Huntington Sanitary Board
Preliminary Application: IJDC No. 2022S-2244
3rd and 5th Avenues Separation Project

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:

This project will separate the storm inflow in the intersections of 3rd Avenue and 24th Street and 5th Avenue and 25th Street. This area has historically flooded during short duration, high intensity storms. The project will remove approximately 24,500,000 gallons per year from the combined system. This will reduce the frequency of flooding and CSO's during similar sized storms in the future.

The proposed total project cost is \$10,000,000, and the proposed funding scenario includes a CWSRF Principal Forgiveness Loan of \$1,500,000, a CWSRF Green Principal Forgiveness Loan of \$1,000,000, and a \$7,500,000 in ARPA funds from the City of Huntington.

The CWSRF program will need to approve the green eligible funding for stormwater and energy efficiency once it's provided to receive the green funding.

Attachments: Technical Comments

Engineering Fees:

Estimated construction cost =	\$ 8,430,000.00
Consultant's design fee =	\$ 395,000.00
Consultant's total fee =	\$ 820,000.00
Design fee percentage =	4.7 %
Design fee per ASCE curve =	6.5 %
Total fee percentage =	9.7 %
Total fee per ASCE curve =	17.0 %

Preliminary Project Ratings:

1. Public Health Benefits	10
3. Compliance with Standards	15
5. O & M Capabilities	3
6. Readiness to Proceed	0
8. Cost Effectiveness	1
10. Compliance with PSC Orders	0