



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street, SE
Charleston, WV 25304
Phone: 304-926-0495 / Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
dep.wv.gov

MEMORANDUM

To: Marie Prezioso, Chair
Meredith J. Vance, Director, Environmental Engineering Division, BPH

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

Date: September 19, 2024

Subject: City of Benwood PWSIDs#: WV3302618
IJDC Application No.: 2024W-2539
Marshall County

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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 water 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.

Promoting a healthy environment.

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

3. Other remarks:

The proposed project should be returned so the applicant has time to work with the PSC to address their concerns.



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MEMORANDUM

MEMO TO: Meredith J. Vance
Office of Environmental Health Services
Bureau for Public Health

FROM: Brian D. Bailey *BB*
Technical Analyst
General Permits & Support Team

DATE: May 22, 2024

SUBJECT: Infrastructure Preliminary Application for the City of Benwood: Water System Improvement in Marshall County, WV. (2024W-2539)

We have reviewed the above referenced project application information. The City of Benwood, currently obtains its potable water from a pair of wells located adjacent to the floodwall in the center of the city. If a discharge occurs to the waters of the state from this project, the City of Benwood will need to seek registration under a WV/NPDES General Permit for filter backwash discharge associated with potable water treatment.

If the City of Benwood is considering repairing and painting an existing water treatment plant or storage tanks, then the scope of this project requires precautions to prevent contamination of the waters of the state. Prior to beginning any removal of old paint, the City of Benwood should contact Mr. Brad Wright or a member of his staff at (304)-926-0499, extension 49746 for guidance in determining whether the paint to be removed is considered a hazardous waste. If so, proper containment and disposal procedures must be followed for the paint and any material associated with the sandblasting. If it is determined that the paint is not hazardous, the City of Benwood should contact John Lockhart or a member of his staff at (304)-926-0499, extension 43889 for proper disposal options.

Construction activities with a disturbed area of one (1) acre or greater are now required to register for the NPDES Storm Water Construction General Permit No. WV0115924 that became effective on April 6, 2024. Projects registered under the previous General Permit No. WV0115100 were automatically provided coverage under WV/NPDES General Permit No. WV0115924. For more information, they may contact Larry Board at (304)-926-0499, extension 43883.

In light of the above, we have no objection to this project as long as the appropriate provisions are taken to assure compliance with Chapter 22, Article 11, of the Code of West Virginia and any associated regulations. The responsible party may contact Mylinda Maddox (304) 926-0499 ext. 43825, should additional information be required.

BDB:mam

cc: Katheryn Emery



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MEMORANDUM

TO: Jason Billups, P.E.
Engineering Section Manager
WVDEP
Clean Water SRF Program

FROM: Valerie Plance., Manager
Capacity Development Program

DATE: September 6, 2024

RE: City of Benwood PWSIDs#: WV3302618
IJDC Application No.: 2024W-2539
Marshall County

The City of Benwood preliminary infrastructure application indicates that they are seeking DWTRF monies. The system marked the question regarding having an asset management plan as N/A. The City of Benwood system does not have an approved Asset Management Plan on file with the BPH. The question about having had a capacity development assessment (CDA) within the last 5 years was marked as no. A CDA has never been conducted at the City of Benwood.

Additional information that may be helpful to the IJDC in their decisions regarding approval of funding requests for the system relates to the systems' overall compliance.

The City of Benwood has a score of nine on the ETT report for the July 2024 quarter. This score is below the EPA's action level of > 11.

Based on information from the Municipal Bond Commission, as of September 2024, the City of Benwood is current on their water reserve funding requirements.

If you require further information from the capacity development program, please contact me.
VAP