



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street, SE
Charleston, WV 25304
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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 18, 2024

Subject: Town of Pineville
Preliminary Application: IJDC No. 2024W-2620
Waterline Replacement Critical Needs Projec

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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.

- 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 tabled for the consultant to address technical comments.
- d. ___ This project should be referred to the Consolidation Committee.

3. Other remarks:

This project proposes to replace a 10-inch waterline by directionally drilling under the Guyandotte River. This will address a leak in their main waterline in the Guyandotte River serving the majority of the Pineville Water System . This waterline break is allowing treated water into the Guyandotte River and river water to enter into the distribution system.

The proposed total cost for this project is \$880,770.00 and the town intends to pursue an IJDC Critical Needs Grant for the full amount.

Preliminary Project Ratings:

Public Health Benefits: 20

Compliance with Standards: 5



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MEMORANDUM

TO: Katheryn Emery, P.E., Engineer Chief, DWWM

FROM: Robert Moore, DWWM

DATE: September 24, 2024

SUBJECT: Town of Pineville
Preliminary Application: IJDC No. 2024W-2620
Waterline Replacement Critical Needs Project

RECOMMENDATION

The Critical Needs Application prepared by Thompson & Litton, Consulting Engineers for the above referenced project has been reviewed and is technically feasible.

PROJECT DESCRIPTION

The Municipal Water Works of Pineville operates a public water distribution system operating under Public Water System Identification number (PWSID#) WV3305517 which serves approximately 1,041 customers. This system includes multiple businesses and two (2) schools in Wyoming County, WV.

This project proposes to replace 10-inch waterline by directionally drilling under the Guyandotte River. This will include railroad crossing, cleaning and disinfection, and necessary valves and appurtenances.

The proposed total cost for this project is \$880,770.00 and the town intends to pursue an IJDC Critical Needs Grant for the full amount. The current monthly rate for 3,400 gallons is \$52.15 (1.03% MHI).

NEED FOR PROJECT

The Town of Pineville Municipal Waterworks Department recently discovered a leak in their main distribution waterline in the Guyandotte River serving the majority of the Pineville Water System. This main waterline break is leaking treated water into the Guyandotte River and

allowing river water to enter into the distribution system. In addition, this main waterline break is likely contributing to the Town of Pineville's high water loss.

DEFICIENCIES/COMMENTS

- This technical review was based on information provided on the Critical Needs Application Form. Missing information was obtained from the PSC Water Utility Rankings for 3,400 gallons and the PSC Annual Report for 2023.
- A Preliminary Engineering Report was not prepared and therefore no alternatives presented for evaluation.

Preliminary Project Ratings:

Public Health Benefits: 20

Compliance with Standards: 5