



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
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MEMORANDUM

To: Water Development Authority

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

Date: July 23, 2026

Subject: Meadow Creek PSD
IJDC Application: 2026S-2822 (Critical Needs)
Emergency Pump Station and Line Repair 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 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:

The proposed project will repair two (2) pumps at the main pump station, one (1) pump at another station, and locate and repair a blockage in the PSD's force main. Additionally, the request includes septic hauler costs during the repairs and electrical upgrades at the station.

The total proposed project cost is \$28,240.23 and the PSD intends to pursue an IJDC Critical Needs Grant for the full amount. The current fixed rate for all residential and commercial customers is \$58.03 (1.95% of MHI).

The PSD should purchase spare pumps as money is accrued to prevent outages from occurring in the future.

Preliminary Project Ratings:

Public Health Benefits: 10
Compliance with Standards: 5



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MEMORANDUM

TO: Katheryn Emery, P.E., Program Manager, DWWM

FROM: Thomas Cazad, P.E., Engineer Senior, DWWM

DATE: July 21, 2026

SUBJECT: Meadow Creek PSD
IJDC Application: 2026S-2822 (Critical Needs)
Emergency Pump Station and Line Repair Project

RECOMMENDATION

The IJDC Application and Preliminary Engineering Report (PER) prepared by Region 1 PDC for the above-mentioned project have been reviewed and are technically feasible. However, supplemental information may be needed to justify the request.

PROJECT DESCRIPTION

Meadow Creek PSD (PSD) owns and operates a packaged wastewater treatment plants (WWTPs), which are designed for average daily flows (ADFs) of 0.032 and 0.025 million gallons per day (MGD) under NDPES General Permits WVG551202 and WVG550745, respectively. The proposed project will repair two (2) pumps at the main pump station, one (1) pump at another station, and locate and repair a blockage in the PSD's force main. Additionally, the request includes septic hauler costs during the repairs and electrical upgrades at the station.

The total proposed project cost is \$28,240.23 and the PSD intends to pursue an IJDC Critical Needs Grant for the full amount. The current fixed rate for all residential and commercial customers is \$58.03 (1.95% of MHI).

NEED FOR PROJECT

The request notes that the pumps at the main pump station and a smaller station failed. Additionally, the force main was clogged, which required the PSD to hire a contractor to locate cleanouts and clear the line. During the outages of these stations, sewage had to be pumped out by septic haulers to prevent overflows from occurring. Lastly, the request includes electrical upgrades at the main pump station, including new on/off and alarm switches and other appurtenances.

DEFICIENCIES/COMMENTS

- Discrepancies exist between application and the invoices regarding the total project cost. This memo reflects the combined costs from the invoices \$28,240.23. The application's cost of \$28,840.23 could not be verified.
- It is unclear whether the PSD has evaluated adding spare pumps to prevent this issue from occurring in the future.
- The application does not provide information on the need for the electrical upgrades or which station.

Preliminary Project Ratings:

Public Health Benefits: 10
Compliance with Standards: 5