



---

west virginia department of environmental protection

---

Division of Water and Waste Management  
601 57<sup>th</sup> 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

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

**Date:** June 18, 2025

**Subject:** Shady Spring PSD  
IJDC Application - 2025S-2664  
Cool Ridge Community Sewer 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 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 should be tabled until the July 2025 funding committee meeting. This will allow time to review the new information submitted by email on June 17, 2025 by the consultant.



Russel Crane  
Interim Cabinet Secretary of Health

Jason R. Frame  
OEHS Director

## MEMORANDUM

**TO:** Meredith J. Vance, Director  
Environmental Engineering Division

**FROM:** Patrick Murphy, P.E.  
Environmental Engineering Division

A handwritten signature in blue ink, appearing to read "P. Murphy", is written over the "FROM:" line.

**DATE:** May 12, 2025

**SUBJECT:** Shady Spring PSD  
IJDC Application- **2025S-2664**  
Cool Ridge Sewer Extension Study  
Raleigh County

**Recommendation:** We have reviewed this preliminary application and recommend that it be forwarded to the Funding Committee for review.

**Project Scope:** The purpose of this study is to analyze the proposed project area for the potential of wastewater service to be provided by the PSD's Cool Ridge/Flat Top Wastewater System.

The total project cost is **\$1,664,050.00**

**Need for the Project:** The residents in the project area all rely on septic systems for wastewater disposal. The area soils and depth to bedrock have caused ongoing issues with slow absorption of gray water from the tank by the drain fields. During rain events or high-water usage, many residents have complained about large areas of wet lawns and gray water flowing across the surface to local ditches and streams. The areas studied in this report have had a slow steady growth over time and will likely continue that trend.

**Concerns:** No concerns were noted.

**Permits:** WVDEP NPDES, WVDEP Construction Stormwater; US Army Corps of Engineers and WV Department of Health.

