



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: Brad Sergent, Chair
Meredith J. Vance, Director, Environmental Engineering Division, BPH

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

Date: May 21, 2026

Subject: Cool Ridge-Flat Top PSD
IJDC Application - 2026W-2776
Leak Detection Analysis & Phase I System Improvements 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.

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- 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 project will replace the water distribution lines, services, and meters along Blue Jay 6 Road, Chapman Road, Laurel Street, and Glade Street. Approximately 43,400 LF of new waterline, 257 meters, and 18 fire hydrants are proposed to be installed. These upgrades are expected to improve system reliability, enhance fire protection, and provide substantial financial savings by reducing the volume of water purchased from the Beckley Water Company.

The total estimated cost of this project is \$6,420,000.00. The proposed funding scenario includes a \$1,000,000 CDS Grant, a \$250,000 WV Governor's CDS Matching Grant, a \$1,500,000 DWTRF Principal Forgiveness Loan, a \$1,000,000 DWTRF loan (0.75% interest, 0.25% annual admin fee, 21-30 years), a \$500,000 WVIJDC Grant, a \$200,000 HUD CDBG Planning Grant, a \$820,000 ARC Grant, a \$1,100,000 US Army Corps of Engineers Section 340 Grant, and a \$50,000 Local Grant. The proposed monthly rate for 3,400 gallons is \$56.09 (1.56% MHI).

The project does not qualify for 0.75 %, 0.25% admin, 30 year DWTRF funding or \$1,500,000 in principal forgiveness. It qualifies for 1.75%, 0.25% admin., 30 year DWTRF funding and \$1,000,000 in DWTRF Principal Forgiveness Funding.

Preliminary Project Ratings:

Public Health Benefits: 5
Compliance with Standards: 10



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Harold D. Ward, Cabinet Secretary
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MEMORANDUM

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

FROM: Tyler Barrett, E.I., DWWM

DATE: May 11, 2026

SUBJECT: Cool Ridge-Flat Top PSD
IJDC Application - 2026W-2776
Leak Detection Analysis & Phase I System Improvements Project

RECOMMENDATION

The IJDC Application and Preliminary Engineering Report (PER) prepared by L.A. Gates Company for the above referenced project has been reviewed and is technically feasible.

PROJECT DESCRIPTION

The Cool Ridge-Flat Top Public Service District (PSD) operates a water distribution system (PWSID #WV3304139) serving 1,926 connections in the Cool Ridge, Flat Top, Ghent, and Shady Springs areas of Raleigh County, West Virginia. The PSD purchases water from the Beckley Water Company. The PSD's distribution system consists of approximately 387,000 LF of piping, ranging from 2-inches to 8-inches in size, as well as four (4) active water storage tanks and three (3) booster stations.

This project is intended to address the significant water loss in the system, which at times can exceed 30%. The water loss is primarily caused by aging infrastructure constructed in the late 1970s and early 1980s. Phase I targets the replacement of water distribution lines, services, and meters along Blue Jay 6 Road, Chapman Road, Laurel Street, and Glade Street. Approximately 43,400 LF of new waterline, 257 meters, and 18 fire hydrants are proposed to be installed. These upgrades are expected to improve system reliability, enhance fire protection, and provide

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substantial financial savings by reducing the volume of water purchased from the Beckley Water Company. The total estimated cost of this project is \$6,420,000.00. The proposed funding scenario includes a \$1,000,000 CDS Grant, a \$250,000 WV Governor's CDS Matching Grant, a \$1,500,000 DWTRF Principal Forgiveness Loan, a \$1,000,000 DWTRF loan (0.75% interest, 0.25% annual admin fee, 21-30 years), a \$500,000 WVIJDC Grant, a \$200,000 HUD CDBG Planning Grant, a \$820,000 ARC Grant, a \$1,100,000 US Army Corps of Engineers Section 340 Grant, and a \$50,000 Local Grant. The current monthly rate for 3,400 gallons is \$56.09.

NEED FOR PROJECT

The PSD's water distribution system suffers from significant water loss, ranging from 24% to 53% annually. This directly impacts the PSD's financial welfare since all water is purchased from the Beckley Water Company. Additionally, persistent leaks and frequent line breaks lead to many repairs, boil water advisories, and system contamination.

DEFICIENCIES/COMMENTS

- Using the Combined Application, the Design and Total Engineering Fees appear to be within the ASCE Curves.
- Include the number of residential & non-residential customers.
- Include non-residential customers as EDU's.
- Include water usage projections (avg. & peak).
- Include user rates as % of MHI.

Preliminary Project Ratings:

Public Health Benefits: 5
Compliance with Standards: 10

Public Service Commission of West Virginia

201 Brooks Street, P.O. Box 812
Charleston, West Virginia 25323

Phone: (304) 340-0300
Fax: (304) 340-0325



May 14, 2026

Brad Sergent, Chair

Water Development Authority, Acting Executive Director

Katheryn Emery, P.E., Program Manager

CWSRF & DWTRF, Division of Water and Waste Management, WVDEP

Meredith Vance, Director

Environmental Engineering Division, WVBPH

Re: Public Service Commission Staff Review Comments

Application No. 2026W-2776

Cool Ridge-Flat Top PSD – Water System Improvements (Phase I)
Infrastructure Preliminary Application

As requested, the Technical Staff of the Public Service Commission of West Virginia has completed its review of the above-referenced Infrastructure application. In light of Technical Staff's comments enclosed herewith, we are recommending the application be:

Forwarded to the Funding Committee

Forwarded to the Consolidation Committee

Returned to the Applicant

Please advise if you have any questions.

Sincerely,

Brandon Crace

Brandon Crace
Engineering Division

Enclosures

**PUBLIC SERVICE COMMISSION STAFF
TECHNICAL REVIEW**

DATE: May 14, 2026

PROJECT SPONSOR: COOL RIDGE-FLAT TOP PUBLIC SERVICE DISTRICT
– (WATER)

PROJECT SUMMARY: The Cool Ridge-Flat Top Public Service District is proposing to pursue Phase I improvements to its existing water distribution system.

PROPOSED FUNDING: USEPA Grant	\$ 1,000,000
CDS Match	250,000
DWTRF Principal Forgiveness	1,500,000
DWTRF Loan (.75%, .25% AF, 30 yrs.)	1,000,000
IJDC Grant	500,000
ARC Grant	820,000
USACE Grant	1,100,000
Local Contribution	50,000
CDBG	<u>200,000</u>
Total	\$ 6,420,000

CURRENT RATES: \$50.85 3,400 gallons
\$59.38 4,000 gallons

PROPOSED RATES: \$56.09 3,400 gallons
\$65.56 4,000 gallons

Application No.2026W-2776

RECOMMENDATION: Forward to the Funding Committee
 Forward to the Consolidation Committee
 Return to the Applicant

FINANCIAL: Nathan Nelson

1. Current rates (\$50.85 for 3,400 gallons) are above the rate attributable to 1.25% (\$45.09) of the Median Household Income (MHI), but below the rates attributable to 1.5% (\$54.10), 1.75% (\$63.12) and 2.0% (\$72.14) of the MHI. Increasing current rates to 1.5%, 1.75%, and 2.0% of the MHI would provide additional revenues of \$80,965, \$305,348, and \$529,731 respectively.

2. Using Scenario 1, the preferred funding package consisting of a USEPA Grant of \$1,000,000, Congressionally Directed Spending Funds of \$250,000, a DWTRF Principal Forgiveness Loan of \$1,500,000, a DWTRF Loan of \$1,000,000 at 0.75%, with a .25% Admin. Fee, for 30 years, an IJDC Grant of \$500,000, an ARC Grant of \$820,000, a USACE Grant of \$1,100,000, a local contribution of \$50,000 and a Community Development Block Grant of \$200,000, proposed rates (\$56.09 for 3,400 gallons) will provide a cash flow surplus of \$13,494 and debt service coverage of 195.57%.
3. Using the Scenario 2 alternate loan package of \$6,420,000 (in uncommitted funds) at 5% for 40 years (paid back over 38 years), proposed rates (\$69.00 for 3,400 gallons) will provide a cash flow surplus of \$3,764 and debt service coverage of 145.41%.
4. Notes to Comments:
 - A. Staff's detailed adjustments are listed on Attachment A for Scenario 1 (Preferred Funding Package) and Attachment B for Scenario 2 (Loan Package).
 - B. Staff prepared the attached Cash Flow Analysis utilizing information from the Annual Report for the Fiscal Year Ended June 30, 2025, and the applicant's Rule 42 Exhibit submitted with the application.
 - C. Staff notes the Applicant's cash flow analyses include going level rates of \$52.42 (for 3,400 gallons). However, these rates are Staff Recommended Step 2 rates from Case No. 25-0839-PWD-19A. The rates are currently being published. A Recommended Decision has not yet been issued approving the Staff Recommended rates, however, Staff reflected these rates in its analyses.
 - D. The Applicant's cash flow statement includes Proforma and Proforma #2 calculations. The Proforma adjustments account for a separate Ellison Ridge waterline extension, which received prior approval as Project Number 2022W-2289. The Applicant's Proforma #2 adjustments are for the project under review. Staff's Proforma analysis combines the adjustments from both projects.

- E. Staff has included a Scenario 3 analysis. Staff notes that the project sponsor is proposing a DWTRF Loan at 0.75%, .25% Administrative Fee, for 30 years. Since proposed target rates of \$56.09 (3,400 gallons) are less than 1.75% of MHI (\$63.12), the terms of this proposed DWTRF loan would typically be 1.75%, .25% Administrative Fee, for 30 years, for the preferred funding package. If the preferred funding package is adjusted for this change, proposed target rates (\$56.09 for 3,400 gallons) would provide a cash flow surplus of \$7,134 and debt service coverage of 191.03%.
- F. Senate Bill 234, effective June 12, 2015, required water and sewer utilities that are political subdivisions of the state to maintain a cash working capital reserve in an amount of no less than one-eighth (1/8) of actual annual operation and maintenance expenses. It should be noted that the cash flows provided by the project sponsor include funding for the 1/8 cash working capital reserve. Staff accepted that amount in its analyses. However, this amount may be reviewed by the Commission in future filings in accordance with Public Service Commission General Order 183.11.

ENGINEERING: Brandon Crace

1. Pursuant to House Bill 2742 passed in the 2025 Legislative Session, this project will not require a Certificate of Convenience and Necessity from the PSC.
2. Scope: The Cool Ridge-Flat Top Public Service District is proposing to pursue Phase I improvements to its existing water distribution system. The proposed project scope includes: mobilization, pre-construction video, erosion and sediment control, 2500 LF of 4-inch PVC water main, 40900 LF of 6-inch PVC water main, 80 LF of 12-inch steel casing, 420 LF of 16-inch steel casing, 3250 LF of 3/4-inch PVC service line, two (2) 4-inch gate valve and box, thirty-seven (37) 6-inch gate valve and box, 18 fire hydrants, 7 flow monitoring stations, 11 air release valves, 7 blow off valves, 2760 LF of 3/4-inch road crossing (bore & jack), 252 customer reconnections (with meters), five (5) 3/4 -inch water meters, 5 tie-ins to existing water lines, 2810 LF of WVDOH Trench Repair (asphalt), 5500 LF of driveway repair (asphalt/concrete), 40400 LF of WVDOH permit, and necessary appurtenances. The estimated construction cost is \$5,282,650 (includes 10% construction contingency), and the estimated total project cost is \$6,420,000.

Need: The PER indicates that Cool Ridge-Flat Top PSD has water loss ranging from 24%-53%. The PER states the majority of the main system was constructed in the late 1970s and early 1980s, with methods that are not acceptable today.

Customer Density: This project is an upgrade project; therefore, customer density will remain unchanged.

Cost per Customer: Based upon the estimated total project cost is \$6,420,000, and having approximately 1879 customers, the cost per customer will be approximately \$3,417.

3. Project Alternatives: The PER indicates that 2 Alternatives were considered: Option 1 – Phase I – Replace Vulnerable Water Lines in the System; and Option 2 – Do Nothing. The PER indicates the combination of the utility being a finished water purchaser and its history of water loss, is the major factor in selecting Option 1.
4. Consolidation: There are no consolidation opportunities presented by this project.
5. Operation and Maintenance (O&M) Expenses: The PER did not include a detailed breakdown, but did provide a brief discussion of anticipated changes to O&M expenses. The PER indicates that O&M expenses should decrease following completion of the project, as the project should result in a decrease in water loss volumes.
6. Engineering Agreement: The application includes information to determine compliance with West Virginia Code §5G-1-1, et seq. Total technical services (engineering) costs for the project are \$694,150, which is equal to 13.14% of the construction cost of \$5,282,650 (includes 10% construction contingency).
7. Deficiencies/Comments:
 - Based on a review of the Cool Ridge-Flat Top PSD's Annual Reports (filed at the PSC), the utility routinely does not appear to consistently report/account for gallons lost for flushing, fire department use, main leaks, backwashing, blowing settling basins, etc. Although some amounts of water are reported as "lost accounted for", the lack of recording/reporting, or accounting for, water usage for these reasons directly results in a higher unaccounted for lost water percentages. For

example: FY 2025 – 39.32% percent unaccounted for (0-gallons lost accounted for), FY 2024 – 37.29% percent unaccounted for (1,435,000-gallons lost accounted for), FY 2023 – 45.26% percent unaccounted for (813,000-gallons lost accounted for), FY 2022 – 35.36% percent unaccounted for (14,888,000-gallons lost accounted for), and FY 2021 – 26.94% percent unaccounted for (93,109,000-gallons lost accounted for).

COOL RIDGE-FLAT TOP PSD - WATER
 CASH FLOW ANALYSIS
 YEAR ENDED: June 30, 2025
 APPLICATION NO: 2026W-2776
 May 14, 2026

**PREFERRED FUNDING PACKAGE
 SCENARIO 1**

	Rule 42 Going Level Per Application Before Project	Rule 42 Proforma Per Application with Project	Staff Adjustments	Per Staff Analysis
	1	2	3	4
	\$	\$	\$	\$
AVAILABLE CASH				
Operating Revenues	1,511,553	1,631,940	(147,044) (1)	1,484,896
Other Operating Revenue	31,938	33,348	-	33,348
SB 234 Annual Working Cash Collections			147,044 (2)	147,044
Interest Income & Other Misc.	8,151	8,151	-	8,151
Total Cash Available	1,551,642	1,673,439	-	1,673,439
OPERATING DEDUCTIONS				
Operating Expenses	1,167,711	1,176,354	38 (3)	1,176,392
Taxes	21,186	21,186	-	21,186
Total Cash Requirements Before Debt Service	1,188,897	1,197,540	38	1,197,578
Cash Available for Debt Service	(A) 362,745	475,899	(38)	475,861
DEBT SERVICE REQUIREMENTS				
Principal & Interest	(B) 166,572	243,204	112 (4)	243,316
Other Debt	26,376	26,376	-	26,376
Reserve Account @ 10%		7,663	12 (5)	7,675
Renewal & Replacement Fund (2.5%)	38,791	41,836	(3,880) (6)	37,956
Total Debt Service Requirement	231,739	319,079	(3,756)	315,323
SB 234 Cash Working Capital	145,964	147,044	-	147,044
Remaining Cash	(14,958)	9,776	3,718	13,494
Percent Coverage	(A) / (B) 217.77%	195.68%		195.57%
Average rate for 3,400 gallons	\$ 52.42	\$ 56.09	\$ -	\$ 56.09
Average rate for 4,000 gallons	\$ 61.28	\$ 65.56	\$ -	\$ 65.56

COOL RIDGE-FLAT TOP PSD - WATER
 CASH FLOW ANALYSIS
 YEAR ENDED: June 30, 2025
 APPLICATION NO: 2026W-2776
 May 14, 2026

Attachment A
 PREFERRED FUNDING PACKAGE
 SCENARIO 1

Staff Adjustments

<u>Adjustment Description</u>			\$	Increase <Decrease>
(1)	Operating Revenues	Per Staff Analysis	1,484,896	(147,044)
		Per Application with Project	1,631,940	
	Adjust revenues in accordance with PSC General Order 183.11.			
(2)	SB 234 Annual Working Cash Collections	Per Staff Analysis	147,044	147,044
		Per Application with Project	-	
	Account for SB 234 (2015) funding pursuant to PSC General Order 183.11.			
(3)	Operating Expenses	Per Staff Analysis	1,176,392	38
		Per Application with Project	1,176,354	
	To account for Staff's calculation of a 0.25% DWTRF administrative fee.			
(4)	Principal & Interest	Per Staff Analysis	243,316	112
		Per Application with Project	243,204	
	The difference in P&I is related to Staff's calculation of a loan of \$1,000,000 at 0.75% for a term of 30 years.			
(5)	Reserve Account @ 10%	Per Staff Analysis	7,675	12
		Per Application with Project	7,663	
	Staff assumed a 10% reserve on the new debt.			
(6)	Renewal & Replacement Fund (2.5%)	Per Staff Analysis	37,956	(3,880)
		Per Application with Project	41,836	
	Staff used 2.5% of the projection of "Operating & Other Revenues" as the basis of the renewal & replacement fund.			

COOL RIDGE-FLAT TOP PSD - WATER
CASH FLOW ANALYSIS
YEAR ENDED: June 30, 2025
APPLICATION NO: 2026W-2776
May 14, 2026

**LOAN FUNDING PACKAGE
SCENARIO 2**

	Max Rate Going Level Per Application Before Project	Max Rate Proforma Per Application with Project	Staff Adjustments	Per Staff Analysis
	1	2	3	4
	\$	\$	\$	\$
<u>AVAILABLE CASH</u>				
Operating Revenues	1,511,553	2,007,726	(146,886) (1)	1,860,840
Other Operating Revenue	31,938	33,348	-	33,348
SB 234 Annual Working Cash Collections			146,886 (2)	146,886
Interest Income & Other Misc.	8,151	8,151	-	8,151
Total Cash Available	1,551,642	2,049,225	-	2,049,225
<u>OPERATING DEDUCTIONS</u>				
Operating Expenses	1,167,711	1,175,085	-	1,175,085
Taxes	21,186	21,186	-	21,186
Total Cash Requirements Before Debt Service	1,188,897	1,196,271	-	1,196,271
Cash Available for Debt Service (A)	362,745	852,954	-	852,954
<u>DEBT SERVICE REQUIREMENTS</u>				
Principal & Interest (B)	166,572	577,452	9,121 (3)	586,573
Other Debt	26,376	26,376	-	26,376
Reserve Account @ 10%		41,088	912 (4)	42,000
Renewal & Replacement Fund (2.5%)	38,791	51,231	(3,876) (5)	47,355
Total Debt Service Requirement	231,739	696,147	6,157	702,304
SB 234 Cash Working Capital	145,964	146,886	-	146,886
Remaining Cash	(14,958)	9,921	(6,157)	3,764
Percent Coverage (A) / (B)	217.77%	147.71%		145.41%
Average rate for 3,400 gallons	\$ 52.42	\$ 69.00	\$ -	\$ 69.00
Average rate for 4,000 gallons	\$ 61.28	\$ 80.66	\$ -	\$ 80.66

COOL RIDGE-FLAT TOP PSD - WATER
 CASH FLOW ANALYSIS
 YEAR ENDED: June 30, 2025
 APPLICATION NO: 2026W-2776
 May 14, 2026

Attachment B
 LOAN FUNDING PACKAGE
 SCENARIO 2

Staff Adjustments

<u>Adjustment Description</u>		\$	Increase <Decrease>
(1) Operating Revenues	Per Staff Analysis	1,860,840	(146,886)
	Per Application with Project	2,007,726	
Adjust revenues in accordance with PSC General Order 183.11.			
(2) SB 234 Annual Working Cash Collections	Per Staff Analysis	146,886	146,886
	Per Application with Project	-	
Account for SB 234 (2015) funding pursuant to PSC General Order 183.11.			
(3) Principal & Interest	Per Staff Analysis	586,573	9,121
	Per Application with Project	577,452	
The difference in P&I is related to Staff's calculation of a loan of \$6,420,000 for 40 years (paid over 38 years) at 5%.			
(4) Reserve Account @ 10%	Per Staff Analysis	42,000	912
	Per Application with Project	41,088	
Staff assumed a 10% reserve on the new debt.			
(5) Renewal & Replacement Fund (2.5%)	Per Staff Analysis	47,355	(3,876)
	Per Application with Project	51,231	
Staff used 2.5% of the projection of "Operating & Other Revenues" as the basis of the renewal & replacement fund.			

COOL RIDGE-FLAT TOP PSD - WATER
 CASH FLOW ANALYSIS
 YEAR ENDED: June 30, 2025
 APPLICATION NO: 2026W-2776
 May 14, 2026

**PREFERRED FUNDING PACKAGE
 SCENARIO 3**

	Rule 42 Going Level Per Application Before Project	Rule 42 Proforma Per Application with Project	Staff Adjustments	Per Staff Analysis
	1	2	3	4
	\$	\$	\$	\$
AVAILABLE CASH				
Operating Revenues	1,511,553	1,631,940	(147,044) (1)	1,484,896
Other Operating Revenue	31,938	33,348	-	33,348
SB 234 Annual Working Cash Collections			147,044 (2)	147,044
Interest Income & Other Misc.	8,151	8,151	-	8,151
Total Cash Available	1,551,642	1,673,439	-	1,673,439
OPERATING DEDUCTIONS				
Operating Expenses	1,167,711	1,176,354	38 (3)	1,176,392
Taxes	21,186	21,186	-	21,186
Total Cash Requirements Before Debt Service	1,188,897	1,197,540	38	1,197,578
Cash Available for Debt Servi (A)	362,745	475,899	(38)	475,861
DEBT SERVICE REQUIREMENTS				
Principal & Interest (B)	166,572	243,204	5,894 (4)	249,098
Other Debt	26,376	26,376	-	26,376
Reserve Account @ 10%		7,663	590 (5)	8,253
Renewal & Replacement Fund (2.5%)	38,791	41,836	(3,880) (6)	37,956
Total Debt Service Requirement	231,739	319,079	2,604	321,683
SB 234 Cash Working Capital	145,964	147,044	-	147,044
Remaining Cash	(14,958)	9,776	(2,642)	7,134
Percent Coverage (A) / (B)	217.77%	195.68%		191.03%
Average rate for 3,400 gallons	\$ 52.42	\$ 56.09	\$ -	\$ 56.09
Average rate for 4,000 gallons	\$ 61.28	\$ 65.56	\$ -	\$ 65.56

Staff Adjustments

<u>Adjustment Description</u>			\$	Increase <Decrease>
(1)	Operating Revenues	Per Staff Analysis	1,484,896	(147,044)
		Per Application with Project	1,631,940	
	Adjust revenues in accordance with PSC General Order 183.11.			
(2)	SB 234 Annual Working Cash Collections	Per Staff Analysis	147,044	147,044
		Per Application with Project	-	
	Account for SB 234 (2015) funding pursuant to PSC General Order 183.11.			
(3)	Operating Expenses	Per Staff Analysis	1,176,392	38
		Per Application with Project	1,176,354	
	To account for Staff's calculation of a 0.25% DWTRF administrative fee.			
(4)	Principal & Interest	Per Staff Analysis	249,098	5,894
		Per Application with Project	243,204	
	The difference in P&I is related to Staff's calculation of a loan of \$1,000,000 at 1.75% for a term of 30 years.			
(5)	Reserve Account @ 10%	Per Staff Analysis	8,253	590
		Per Application with Project	7,663	
	Staff assumed a 10% reserve on the new debt.			
(6)	Renewal & Replacement Fund (2.5%)	Per Staff Analysis	37,956	(3,880)
		Per Application with Project	41,836	
	Staff used 2.5% of the projection of "Operating & Other Revenues" as the basis of the renewal & replacement fund.			



west virginia department of environmental protection

Division of Water and Waste Management
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Charleston, WV 25304-2345
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Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

M E M O R A N D U M

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: April 29, 2026

SUBJECT: Infrastructure Preliminary Application for the Cool Ridge - Flat Top PSD
(2026W-2776): Water Loss Analysis & System Improvements Part B in Raleigh
County, WV.

We have reviewed the above referenced project application information. The Cool Ridge - Flat Top PSD purchases water from the Beckley Water Company. No NPDES permit modifications are necessary.

If the Cool Ridge - Flat Top PSD 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 Cool Ridge - Flat Top PSD 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 Cool Ridge - Flat Top PSD 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