



STATE OF WEST VIRGINIA
DEPARTMENT OF HEALTH AND HUMAN RESOURCES
Bureau for Public Health
Office of Environmental Health Services

Bill J. Crouch
Cabinet Secretary

Ayne Amjad, MD, MPH
Commissioner & State Health Officer

MEMORANDUM

TO: Marie Prezioso, Funding Committee
WV Infrastructure and Jobs Development Council

FROM: Meredith J. Vance
Water Technical Review Committee

DATE: September 27, 2022

RE: Mountain View Water Association
IJDC Preliminary Application Number: **2022W-2184 CN**
Morrow Tower Rd. & Beech Hollow Rd. Waterline Extension
Taylor County

1. The Committee has reviewed the pre-application and preliminary engineering report submitted for the above referenced project in accordance with Chapter 31, Article 15-A. It has been determined that the project is:
 - a. Consistent with the intent of the Infrastructure and Jobs Development Act and is the most cost-effective and environmentally sound alternative for solving the drinking water needs in this area.
 - b. Consistent with the Act but may not be the most cost-effective and environmentally sound alternative for solving the drinking water needs in this area.
 - c. Consistent with the intent of the Act and most cost-effective and environmentally sound alternative for solving the drinking water needs in this area **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 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 application. The proposed project funding should be postponed until technical comments have been resolved.
- d. _____ The project to be referred to the Consolidation Committee.

3. Other remarks:

Comment:

This preliminary application appears technically feasible.

This Preliminary Application proposes to extend water service to 18 residences along Morrow Tower Rd. and Beech Hollow Rd. in Taylor County.

The requested funding package includes an IJDC Critical Needs Extension Grant: **\$1,800,000.**

The total project cost is **\$1,800,000.**

Concerns include the cost per customer is high at \$100,000.

pc: To be distributed at the Funding Committee Meeting

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MEMORANDUM

TO: Meredith J. Vance, Director
Environmental Engineering Division

FROM: Christopher Thomas, EIT.
Infrastructure & Capacity Development

DATE: September 27, 2022

SUBJECT: Mountain View Water Association
IJDC Application- **2022W-2184 CN**
Morrow Tower Rd. & Beech Hollow Rd. Waterline Extension
Taylor County

Recommendation:

This preliminary application appears technically feasible and is recommended to be forwarded to the Funding Committee.

Project Scope:

This Preliminary Application proposes to extend water service to 18 residences along Morrow Tower Rd. and Beech Hollow Rd. in Taylor County. The project will consist of the installation of 15,700 LF of water lines, meter settings, fire hydrants, gate valves, a new 40 gallon per minute (GPM) constant pressure booster station, and all necessary appurtenances.

The cost per customer is **\$100,000** for the project. The total project cost is **\$1,800,000** (IJDC Critical Needs Extension Grant: **\$1,800,000**).

Need for the Project:

The PER indicates that the Mountain View Water Association (MVWA) was approached by residents living along Morrow Tower Rd. and Beech Hollow Rd. who requested water service. The MVWA is the closest utility that could provide service to these proposed customers. The PER indicates that eight (8) customers will be served along Morrow Tower Rd. and ten (10) customers will be served along Beech Hollow Rd.

Concerns:

- The cost per customer is high at \$100,000.

Permits:

A permit will be required from the WV Bureau for Public Health prior to construction.

Construction activities with a disturbed area of one (1) acre or greater are required to register for the NPDES Storm Water Construction General Permit No. WV0115924.

A permit for stream crossings may be required.

A Certificate of Convenience and Necessity will not be required from the PSC.

A permit from the WV Division of Highways will be required for the construction activities that will take place within WVDOH right-of-way.

Engineering: 7.8% for design, 19.3% for total.

The Design Fees vs. Construction Cost for modifications is below both the average complexity curve and the very complex curve. The Total Fees vs. Construction Cost for modified construction is above the average complexity curve but below the very complex curve.

A fee waiver **will not be** required for this project.

Asset Management Plan and Annual Maintenance Audit:

The system marked the question in the application concerning an asset management plan as “No.” This is correct. Mountain View Water Association does not currently have an approved Asset Management Plan on file with the BPH and the application indicates that they are not seeking DWTRF funds.

Capacity Development:

The question about having had a capacity development assessment (CDA) within the last 5 years was marked as “no”. This is correct, as an assessment has never been conducted on the system.

Additional information that may be helpful to the IJDC in their decisions regarding approval of this project relates to the system’s overall compliance. The Mountain View Water Association has a score of 10 on the July 2022 quarter of the EPA’s Compliance Tracking Tool (ETT). The system has unresolved compliance issues, including the following:

- Failure to address Sanitary Survey Deficiencies.
- CCR Inadequacy for the 2022 CCR.

Based upon information from the Municipal Bond Commission, as of July 2022, the Mountain View Water Association is current on their water reserve funding requirements.

IJDC Ranking:

- Public Health Benefit: 5
- Compliance: 5

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



September 7, 2022

Meredith J. Vance
Office of Environmental Health Services
350 Capitol Street, Room 313
Charleston, West Virginia 25301-3713

Re: Public Service Commission Staff Review Comments
Application No. 2022W-2184
Mountain View Water Association
Infrastructure Preliminary Application

Dear Ms. Vance:

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,

Jonathan M. Fowler, P.E.
Engineering Division

JMF:vb

**PUBLIC SERVICE COMMISSION STAFF
TECHNICAL REVIEW**

DATE: September 6, 2022

PROJECT SPONSOR: MOUNTAIN VIEW WATER ASSOCIATION

PROJECT SUMMARY: Extension of public water service to approximately 18 existing households along Morrow Tower Road and Beech Hollow Road with the potential for several additional residences to be built in the future. This project will include the installation of approximately 15,700 LF of waterline and a constant pressure booster pump station.

PROPOSED FUNDING: IJDC Critical Needs Grant \$1,800,000

CURRENT/PROPOSED

RATES: \$40.36 3,400 gallons
\$46.89 4,000 gallons

Application No. 2022W-2184

RECOMMENDATION: forward to the Funding Committee.
 forward to the Consolidation Committee.
 return to the Applicant.

FINANCIAL: David L. Acord, II

1. Current rates (\$40.36 for 3,400 gallons) are below the rates attributable to 1.25% (\$55.16), 1.5% (\$66.20), 1.75% (\$77.23), and 2% (\$88.26) of the Median Household Income.
2. For purposes of this review, Staff is assuming 100% grant funding. Therefore, no cash flow is provided.
3. Notes to Comments:
 - A. The Applicant is requesting a waiver of the Rule 42 Exhibit requirement since the project is expected to be funded with 100% grants and no rate increase is needed.

B. It should be noted that the preliminary application lists \$46.89 as the rate for 3,400 gallons, which isn't correct. The correct rate is \$40.36 (3,400 gallons) and \$46.89 (4,000 gallons).

ENGINEERING: Jonathan M. Fowler, P.E.

1. This project may not require a Certificate of Convenience and Necessity from the PSC. The utility should consult with Commission Staff pursuant to General Order 246 for such determination. If a Certificate is required, the utility should reference this application number on the PSC's Form No. 4 when its application is filed at the Commission given the requirement of West Virginia Code 24-2-11 (c) and (e). Staff notes that an affirmative determination of need for the project must be established in a Certificate filing at the PSC.
2. Scope: The applicant proposed to extend water service to 18 new customers along Morrow Hollow Road and Beech Hollow Road. The proposed project involves installation of approximately 15,700 LF of new mains of various sizes and classes and one new constant-pressure booster station. The new water lines will connect with existing mains.
 - Customer Density: 6 customers/mile which is low.
 - Cost per Customer: \$100,000 based on a project cost estimate of \$1,800,000 and 18 new customers; this is high.
3. Project Feasibility: The project is technically feasible. The cost per customer is high. No signed user agreements were provided. No local funds are proposed.
4. Project Alternatives: There are no other viable alternatives besides the proposed project.
5. Consolidation: No consolidation opportunities are presented by the project.
6. Inconsistencies: No fatal issues were noted.
7. Operation and Maintenance (O & M) Expenses: Annual O&M for the extension is estimated at \$3,423 per year.
8. Engineering Agreement: The application includes information to determine

apparent compliance with West Virginia Code §§5G-1-1, et seq. Total technical services (engineering) costs for the project are \$272,500 which is equal to 19.3% of the construction cost of \$1,415,000 (including contingency).

<i>Preliminary Project Ranking</i>		
O & M Capabilities		
Performance Measures:	1	<i>Pt.</i>
Asset Management:	0	<i>Pt.</i>
Environmental Management:	0	<i>Pt.</i>
Readiness to Proceed:	0	<i>Pt.</i>
Cost Effectiveness:	0	<i>Pt.</i>
Compliance with PSC Orders:	0	<i>Pt.</i>



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street, SE
Charleston, WV 25304-2345
Telephone: 304-926-0495
Fax: 304-926-0496

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

MEMORANDUM

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

FROM: John M. Perkins *JMP*
Supervisor
General Permits & Support Team

DATE: August 17, 2022

SUBJECT: Infrastructure Preliminary Application for the Mountain View Water Association (2022W-2184): Belgium CN in Taylor County, WV.

We have reviewed the above referenced project application information. The Mountain View Water Association purchases water from the Taylor County PSD. No NPDES permit modifications are necessary.

If the Mountain View Water Association 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 Mountain View Water Association should contact Mr. Jeremy Bandy or a member of his staff at (304)-926-0499, extension 43894 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 Mountain View Water Association should contact Yogesh Patel or a member of his staff at (304)-926-0499, extension 43877 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 March 9, 2019. 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.

JMP:mam

cc: Katheryn Emery



west virginia department of environmental protection

Office of Abandoned Mine Lands & Reclamation
601 57th Street SE
Charleston, WV 25304

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

MEMORANDUM

To: Christopher Thomas, EIT
Infrastructure and Capacity Development

From: Roger A. Earle, P.E., Waterline Coordinator *RAE*
Office of Abandoned Mine Lands & Reclamation

Date: September 14, 2022

Subject: Mountain View Water Association – Belgium Extension CN
IJDC Preliminary Application: 2022W-2184

This application would most likely not be eligible for AML funds because there are no known AML sites in this project area.

OEHS District Review for Infrastructure Council Water Projects

Water System:	Mountain View Water Association	IJDC Number:	2022W-2184
Project Description:	Morrow Tower Rd & Beech Hollow Rd water line extension	Review by:	Mike Hawranick
County:	Taylor	Date:	6/15/2022

<u>No.</u>	<u>Review Criteria</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Comments (Especially if No is indicated or providing a DWTRF score)</u>
1.	Does the district agree that the project scope seems to be the most feasible solution?	X			
2.	Is this the most practical project to correct the problem stated in the application?	X			
3.	Does the project solve the major operation maintenance problems in the water system?	X			
4.	Does the project eliminate deficiencies noted in the sanitary survey?	X			
5.	Should these improvements be made to this system versus another system that could serve the same area?			X	
6.	The application has an alternative in it evaluating the most likely consolidation option?			X	
7.	Do you agree with the need statement for the project?	X			
8.	Has the engineer included all justification (that you are aware of) in the project application?	X			
9.	Is the management of the water system capable of completing this project?	X			
10.	Other comments				

<u>No.</u>	<u>Review Criteria</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Comments (Especially if No is indicated or providing a DWTRF score)</u>
11.	For new projects or projects with revised scope provide DWTRF Priority Ranking Public Health Score (Indicate score in the comments section with explanation)?				See attach
12.	For new projects or projects with revised scope provide DWTRF Priority Ranking Compliance Score (Indicate score in the comments section with explanation)?				See attach
13.					
14.					



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MEMORANDUM

TO: Meredith Vance, Division Director
Environmental Engineering Division

FROM: Valerie Plance, Manager
Capacity Development Program

RE: Mountain View Water Association (PWSID# 3304602)
IJDC Application No.: 2022W-2184
Taylor County

The Mountain View Water Association preliminary infrastructure application indicates that they are not seeking DWTRF monies. The system indicates in the application that they do not have an asset management plan.

The question about having had a capacity development assessment (CDA) within the last 5 years was marked as no. This is correct, as an assessment has never been conducted on the system.

Additional information that may be helpful to the IJDC in their decisions regarding approval of this project relates to the system's overall compliance. The Mountain View Water Association has a score of 10 on the July 2022 quarter of the EPA's Compliance Tracking Tool (ETT). The system has unresolved compliance issues, including the following:

- Failure to address Sanitary Survey Deficiencies.
- CCR Inadequacy for the 2022 CCR.

Based upon information from the Municipal Bond Commission, as of July 2022, the Mountain View Water Association is current on their water reserve funding requirements.

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

VAP