



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:** City of Morgantown  
IJDC Preliminary Application Number: **2022W-2185**  
Chaplin Hill Water System Upgrade Project  
Monongalia County

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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.
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- 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 upgrade the existing water system in the Chaplin Hill area of extend water service to 35 new customers in the Chaplin Hill, University Town Centre, and Westridge Development area of the water distribution system.

The requested funding package includes a WDA Economic Enhancement Grant \$5,780,000; Monongalia County Commission Grant \$382,400; IJDC Loan \$1,062,600 (3.0%, 20 yrs.)

The total project cost is **\$7,225,000.**

pc: To be distributed at the Funding Committee Meeting

STATE OF WEST VIRGINIA  
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Commissioner & State Health Officer

**MEMORANDUM**

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

**FROM:** Christopher Thomas, EIT.  
Infrastructure & Capacity Development

**DATE:** September 27, 2022

**SUBJECT:** City of Morgantown  
IJDC Application- **2022W-2185**  
Chaplin Hill Water System Upgrade Project  
Monongalia 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 upgrade the existing water system in the Chaplin Hill area of extend water service to 35 new customers in the Chaplin Hill, University Town Centre, and Westridge Development area of the water distribution system. The Chaplin Hill booster station's capacity will be increased from 335 gallons per minute (gpm) to 1,100 gpm. An additional storage tank will also be installed in the Chaplin Hill area, and provide an additional 859,000 gallons of storage, to comply with WVBPH water storage requirements. The proposed application also proposes to install approximately 11,000 linear feet (LF) of new water line, including a new 24" river crossing.

The cost per customer is **\$260** for the project. The total project cost is **\$7,225,000**. (WDA Economic Enhancement Grant \$5,780,000; Monongalia County Commission Grant \$382,400; IJDC Loan \$1,062,600 (3.0%, 20 yrs.)).

**Need for the Project:**

The current Chaplin Hill booster station is undersized to handle the required flow. The station's current capacity is 335 gallons per minute (gpm) and is currently pumping at an estimated 22.7

hours per day. WVBPH requires the daily amount of water required to be pumped in eight hours or less. The current storage tank in the Chaplin Hill area is also undersized and unable to meet WVBPH storage requirements. The 12-inch diameter river crossing providing service to the entire distribution system that is west of the Monongahela River is 44 years old and the population increase and expansion of the Chaplin Hill area have increased the water demand to the point that the current river crossing is no longer large enough to supply ant future increases in flow rates.

**Concerns:**

- No concerns noted.

**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 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:** 4.77% for design, 11.53% for total.

The Design Fees vs. Construction Cost for new construction is below both the average complexity curve and the very complex curve. 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 new construction is below both the average complexity curve and the very complex curve. The Total Fees vs. Construction Cost for modifications construction is below both the average complexity curve and 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 “Yes”. This is correct. The City of Morgantown does currently have an approved Asset Management Plan on file with the BPH.

**Capacity Development:**

The question about having had a capacity development assessment (CDA) within the last 5 years was marked as yes. An assessment was conducted at the system in October 2017.

Additional information that may be helpful to the IJDC in their decisions regarding approval of this project relates to the system’s overall compliance. Blank has a score of 17 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 from 2021 and 2018.

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

**IJDC Ranking:**

- Public Health Benefit: 10
- Compliance: 20

# 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 13, 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-2185  
Morgantown Utility Board - Water  
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,

A handwritten signature in red ink, appearing to read "Jonathan M. Fowler", is written over a red horizontal line.

Jonathan M. Fowler, P.E.  
Engineering Division

JMF:vb

**PUBLIC SERVICE COMMISSION STAFF  
TECHNICAL REVIEW**

**DATE:** September 8, 2022

**PROJECT SPONSOR:** MORGANTOWN UTILITY BOARD - WATER

**PROJECT SUMMARY:** The project is for the system upgrades in the Chaplin Hill Area.

<b>PROPOSED FUNDING:</b> WDA Economic Enhancement Grant	\$5,780,000
Monongalia County Commission Grant	\$ 382,400
IJDC Loan 3%, 20 yrs.	<u>\$1,062,600</u>
Total	<u>\$7,225,000</u>

**CURRENT RATES:**

<b>Schedule I</b>	\$19.79	3,400 gallons
	\$23.28	4,000 gallons
<b>Schedule VI</b>	\$47.34	3,400 gallons
	\$55.28	4,000 gallons

**PROPOSED RATES:**

<b>Schedule I</b>	\$21.12	3,400 gallons
	\$24.84	4,000 gallons
<b>Schedule VI</b>	\$47.34	3,400 gallons
	\$55.28	4,000 gallons

Application No. 2022W-2185

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

**FINANCIAL: Stephen Edens**

1. Current average rates (\$33.57 for 3,400 gallons) are below the rate attributable to 1.25% (\$44.24), 1.5% (\$53.09), 1.75% (\$61.94) and 2.0% (\$70.79) of the Median Household Income (MHI). Increasing current rates to 1.25%, 1.5%, 1.75% and 2.0% of the (MHI), would provide additional revenues of \$3,639,978, \$6,657,592, \$9,675,206 and \$12,692,820 respectively.
2. Using Scenario 1, the preferred funding package consisting of a WDA Economic Enhancement Grant of \$5,780,000, a Monongalia County Commission Grant of

\$382,400, and a \$1,062,600 IJDC loan at 3% for 20 years, proposed average rates (\$34.23 for 3,400 gallons) will provide a cash flow surplus of \$1,725,827 and debt service coverage of 155.73%.

3. Using the Scenario 2 alternate loan package of \$6,842,600 (in uncommitted funds) at 5% for 40 years (paid back over 38 years), and committed funds consisting of a Monongalia County Commission Grant of \$382,400, proposed average rates (\$34.61 for 3,400 gallons) will provide a cash flow surplus of \$1,884,141 and debt service coverage of 156.05%.

#### 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. The Going Level and Proforma adjustments included in the Applicant's Cash Flow Analyses for Scenarios 1 and 2 were used in Staff's Cash Flow Analyses, except as noted on Attachments A and B.
- C. The Applicant did include a Maximum Rate Cash Flow Analysis with the application, using proposed average rates of \$34.61 for 3,400 gallons. Staff used this data as its basis of analysis for Scenario 2.
- D. Staff used the MHI for the City of Morgantown of \$42,474 from the 2020 U.S. Census versus the MHI of \$54,198 that was listed in the application.
- E. 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.
- F. The Morgantown Utility Board should carefully evaluate its revenue requirements before passing a rate ordinance in order to ensure that rates are sufficient to provide a reasonable surplus and meet coverage requirements. Staff notes that the City is a political subdivision of the state and it has at least 4,500 customers and annual gross revenues of \$3 million or more. Therefore, in accordance with Senate Bill 234, effective June 12, 2015, the Commission has no jurisdiction regarding the City's rates pursuant to WV Code 24-2-4b. However, the Commission does have jurisdiction pursuant to WV Code 24-2-1 (b)(6) for the investigation and



resolution of disputes involving political subdivisions of the state regarding inter-utility agreements, rates, fees and charges, service areas and contested utility combinations.

**ENGINEERING:** Mansour Mashayekhi

1. This project will not require a Certificate of Convenience and Necessity from the PSC.
2. **Scope:** Morgantown Utility Board (MUB) evaluated the feasibility of upgrading existing facilities needed to continue providing service to existing customers and evaluate additional needs from development in the Chaplin Hill area of Morgantown. It has been determined that the MUB needs to replace the existing Chaplin Hill booster pump station with a 1,100 GPM booster pump station as detailed in the PER report, as well as construct a new 859,000-gallon tank, construct a 12-inch waterline to serve the Westridge Development and install a new 24" HDPE river crossing. The estimated cost of the project is \$7,225,000.
3. **Need for Project:** The Morgantown Utility Board (MUB) evaluated the feasibility of upgrading existing facilities needed to continue providing service to existing customers and evaluate additional needs from development in the Chaplin Hill area of Morgantown. The proposed upgrades are considered necessary to maintain service.
4. **Customer Density:** Customer density for new 35 customers will be approximately 17.24 customers per mile however, the project is primarily an upgrade and improvements project.
5. **Cost per Customer:** Based upon the estimated project cost of \$7,225,000, and having approximately 27,700 existing and 35 new customers, the cost per customer will be approximately \$261. This is acceptable.
6. **Project Feasibility:** This project appears to be technically feasible and poses little technical risk.
7. **Project Alternatives:** Following alternatives are listed below: 1) No Action, 2) Construct new water treatment plant to serve MUB customers on the western side of the Monongahela River, and 3) Construct new 24-inch river crossing and upgrade Chaplin Hill service area distribution system. Alternative No. 3 is the viable alternative for the proposed project.

8. **Permits Required:** The project will require the following permits and approvals: U.S. Army Corps of Engineers, WV Bureau for Public Health, WV Department of Environmental Protection, WV Department of Natural Resources, WV Department of Highways, and WV DEP 401 Water Quality Certification.
9. **Consolidation:** There are no consolidation issues with the selected alternative.
10. **Inconsistencies:** None was noticed for this project.
11. **Operation and Maintenance (O&M) Expenses:** The project's O&M expenses is expected to increase by approximately \$30,039 to a total annual expense of just less than \$7.9 million.
12. **Engineering Agreement:** The applicant has provided documentation relative to compliance with West Virginia Code §5G-1-1, et seq. Based on the filing, the total design fees for engineering are \$290,000 at estimated construction cost of \$6,081,000. This is approximately 4.7% of the construction costs.

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

MORGANTOWN UTILITY BOARD - WATER  
CASH FLOW ANALYSIS  
YEAR ENDED: June 30, 2021  
APPLICATION NO: 2022W-2185  
September 9, 2022

**PREFERRED FUNDING PACKAGE  
SCENARIO 1**

	Rule 42 Cash Flow Going Level Per Application Before Project	Rule 42 Cash Flow Proforma Per Application with Project	Staff Adjustments	Per Staff Analysis
	1	2	3	4
	\$	\$	\$	\$
<b><u>AVAILABLE CASH</u></b>				
Operating Revenues	14,696,404	15,772,371	(987,059) (1)	14,785,312
Other Operating Revenue	949,343	961,103	-	961,103
SB 234 Annual Working Cash Collections			987,059 (2)	987,059
Interest Income & Other Misc.	193,344	193,344	-	193,344
<b>Total Cash Available</b>	<b>15,839,091</b>	<b>16,926,818</b>	<b>-</b>	<b>16,926,818</b>
<b><u>OPERATING DEDUCTIONS</u></b>				
Operating Expenses	7,866,438	7,896,468	-	7,896,468
Taxes	326,887	329,497	-	329,497
<b>Total Cash Requirements Before Debt Service</b>	<b>8,193,325</b>	<b>8,225,965</b>	<b>-</b>	<b>8,225,965</b>
Cash Available for Debt Service (A)	7,645,766	8,700,853	-	8,700,853
<b><u>DEBT SERVICE REQUIREMENTS</u></b>				
Principal & Interest (B)	5,515,741	5,591,551	(4,387) (3)	5,587,164
Other Debt			-	-
Reserve Account @ 10%		7,581	(439) (4)	7,142
Renewal & Replacement Fund (2.5%)	395,977	423,170	(29,510) (5)	393,660
<b>Total Debt Service Requirement</b>	<b>5,911,718</b>	<b>6,022,302</b>	<b>(34,335)</b>	<b>5,987,967</b>
SB 234 Cash Working Capital	983,305	987,059	-	987,059
<b>Remaining Cash</b>	<b>750,743</b>	<b>1,691,492</b>	<b>34,335</b>	<b>1,725,827</b>
Percent Coverage (A) / (B)	138.62%	155.61%		155.73%
Average rate for 3,400 gallons	\$ 33.57	\$ 34.23	\$ -	\$ 34.23
Average rate for 4,000 gallons	\$ 39.28	\$ 40.06	\$ -	\$ 40.06
<b>Schedule 1</b>				
Rate for 3,400 gallons	\$ 19.79	\$ 21.12	\$ -	\$ 21.12
Rate for 4,000 gallons	\$ 23.28	\$ 24.84	\$ -	\$ 24.84
<b>Schedule 6</b>				
Rate for 3,400 gallons	\$ 47.34	\$ 47.34	\$ -	\$ 47.34
Rate for 4,000 gallons	\$ 55.28	\$ 55.28	\$ -	\$ 55.28

Staff Adjustments

<u>Adjustment Description</u>		\$	Increase <Decrease>
(1) <b>Operating Revenues</b>	Per Staff Analysis	14,785,312	(987,059)
	Per Application with Project	15,772,371	
Adjust revenues in accordance with PSC General Order 183.11.			
(2) <b>SB 234 Annual Working Cash Collections</b>	Per Staff Analysis	987,059	987,059
	Per Application with Project	-	
Account for SB 234 (2015) funding pursuant to PSC General Order 183.11.			
(3) <b>Principal &amp; Interest</b>	Per Staff Analysis	5,587,164	(4,387)
	Per Application with Project	5,591,551	
The difference in P&I is related to Staff's calculation of a loan of \$1,062,600 for 20 years at 3%.			
(4) <b>Reserve Account @ 10%</b>	Per Staff Analysis	7,142	(439)
	Per Application with Project	7,581	
Staff assumed a 10% reserve on the new debt.			
(5) <b>Renewal &amp; Replacement Fund (2.5%)</b>	Per Staff Analysis	393,660	(29,510)
	Per Application with Project	423,170	
Staff used 2.5% of the projection of "Operating & Other Revenues" as the basis of the renewal & replacement fund.			

MORGANTOWN UTILITY BOARD - WATER  
 CASH FLOW ANALYSIS  
 YEAR ENDED: June 30, 2021  
 APPLICATION NO: 2022W-2185  
 September 9, 2022

LOAN 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
	\$	\$	\$	\$
<b>AVAILABLE CASH</b>				
Operating Revenues	14,696,404	16,307,314	(987,059) (1)	15,320,255
Other Operating Revenue	949,343	966,950	-	966,950
SB 234 Annual Working Cash Collections			987,059 (2)	987,059
Interest Income & Other Misc.	193,344	193,344	-	193,344
<b>Total Cash Available</b>	<b>15,839,091</b>	<b>17,467,608</b>	<b>-</b>	<b>17,467,608</b>
<b>OPERATING DEDUCTIONS</b>				
Operating Expenses	7,866,438	7,896,468	-	7,896,468
Taxes	326,887	330,795	-	330,795
<b>Total Cash Requirements Before Debt Service</b>	<b>8,193,325</b>	<b>8,227,263</b>	<b>-</b>	<b>8,227,263</b>
Cash Available for Debt Service (A)	7,645,766	9,240,345	-	9,240,345
<b>DEBT SERVICE REQUIREMENTS</b>				
Principal & Interest (B)	5,515,741	5,933,805	(12,406) (3)	5,921,399
Other Debt			-	-
Reserve Account @ 10%		41,806	(1,240) (4)	40,566
Renewal & Replacement Fund (2.5%)	395,977	436,690	(29,510) (5)	407,180
<b>Total Debt Service Requirement</b>	<b>5,911,718</b>	<b>6,412,301</b>	<b>(43,156)</b>	<b>6,369,145</b>
SB 234 Cash Working Capital	983,305	987,059	-	987,059
<b>Remaining Cash</b>	<b>750,743</b>	<b>1,840,985</b>	<b>43,156</b>	<b>1,884,141</b>
Percent Coverage (A) / (B)	138.62%	155.72%		156.05%
Average rate for 3,400 gallons	\$ 33.57	\$ 34.61	\$ -	\$ 34.61
Average rate for 4,000 gallons	\$ 39.28	\$ 40.50	\$ -	\$ 40.50
<b>Schedule 1</b>				
Rate for 3,400 gallons	\$ 19.79	\$ 21.87	\$ -	\$ 21.87
Rate for 4,000 gallons	\$ 23.28	\$ 25.73	\$ -	\$ 25.73
<b>Schedule 6</b>				
Rate for 3,400 gallons	\$ 47.34	\$ 47.34	\$ -	\$ 47.34
Rate for 4,000 gallons	\$ 55.28	\$ 55.28	\$ -	\$ 55.28

MORGANTOWN UTILITY BOARD - WATER  
 CASH FLOW ANALYSIS  
 YEAR ENDED: June 30, 2021  
 APPLICATION NO: 2022W-2185

Attachment B  
 LOAN PACKAGE  
 SCENARIO 2

Staff Adjustments

<u>Adjustment Description</u>		\$	Increase <Decrease>
(1) <b>Operating Revenues</b>	<b>Per Staff Analysis</b>	15,320,255	(987,059)
	<b>Per Application with Project</b>	16,307,314	
Adjust revenues in accordance with PSC General Order 183.11.			
(2) <b>SB 234 Annual Working Cash Collections</b>	<b>Per Staff Analysis</b>	987,059	987,059
	<b>Per Application with Project</b>	-	
Account for SB 234 (2015) funding pursuant to PSC General Order 183.11.			
(3) <b>Principal &amp; Interest</b>	<b>Per Staff Analysis</b>	5,921,399	(12,406)
	<b>Per Application with Project</b>	5,933,805	
The difference in P&I is related to Staff's calculation of a loan of \$6,842,600 for 40 years (paid back over 38 years) at 5%.			
(4) <b>Reserve Account @ 10%</b>	<b>Per Staff Analysis</b>	40,566	(1,240)
	<b>Per Application with Project</b>	41,806	
Staff assumed a 10% reserve on the new debt.			
(5) <b>Renewal &amp; Replacement Fund (2.5%)</b>	<b>Per Staff Analysis</b>	407,180	(29,510)
	<b>Per Application with Project</b>	436,690	
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  
601 57th Street SE  
Charleston, WV 25304-2345  
Telephone Number: (304) 926-0495  
Fax Number: (304) 926-0497

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

## MEMORANDUM

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

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

**DATE:** August 17, 2022

**SUBJECT:** Infrastructure Preliminary Application for the City of Morgantown  
(2022W-2185): Chaplin Hill System Improvements in Monongalia County, WV.

We have reviewed the above referenced project application information. The City of Morgantown discharges its backwash to its wastewater treatment plant, which is covered under WV/NPDES Permit No. WV0023124 and expires June 18, 2024.

If the City of Morgantown 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 City of Morgantown 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 City of Morgantown 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

Promoting a healthy environment.

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





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west virginia department of environmental protection

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Office of Abandoned Mine Lands & Reclamation  
601 57<sup>th</sup> 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:** City of Morgantown – Chapin Hill System Improvement  
IJDC Preliminary Application: 2022W-2185

AML does not participate in routine improvements or replacement of existing systems. Therefore, AML funds will not be available for this project.

## OEHS District Review for Infrastructure Council Water Projects

Water System:	MUB	IJDC Number:	2022W-2185
Project Description:	Chaplin Hill West	Review by:	Mike Hawranick
County:	Mon	Date:	9/9/2022

<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)?				
12.	For new projects or projects with revised scope provide DWTRF Priority Ranking Compliance Score (Indicate score in the comments section with explanation)?				
13.					
14.					



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

Bill J. Crouch  
Cabinet Secretary

Ayne Amjad, MD, MPH  
Commissioner & State Health Officer

**MEMORANDUM**

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

**FROM:** Valerie Plance, Manager  
Capacity Development Program

**DATE:** September 14, 2022

**RE:** Morgantown Utility Board (PWSID# 3303111)  
IJDC Application No.: 2022W-2185  
Monongalia County

The Morgantown Utility Board preliminary infrastructure application indicates that they are not seeking DWTRF monies. The system indicates in the application that they have an asset management plan. Morgantown Utility Board has an asset management plan that was approved by the WVBPH in 2014 and have fulfilled their update requirements. No further updates are required for their asset management plan.

The question about having had a capacity development assessment (CDA) within the last 5 years was marked as yes. An assessment was conducted at the system in May 2009.

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 Morgantown Utility Board has a score of 0 on the July 2022 quarter of the EPA's Compliance Tracking Tool (ETT).

Based upon information from the Municipal Bond Commission, as of June 2022, the Morgantown Utility Board is current on their water reserve funding requirements.

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

VAP