



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: Marie Prezioso, Chairman, Technical Review and Funding Committee
WV Infrastructure and Jobs Development Council

FROM: Meredith J. Vance
Water Technical Review and Funding Committee

DATE: September 27, 2022

RE: Town of Wardensville Request for Scope, Cost & Funding Change
Water Improvement Project
IJDC Preliminary Application: **2020W-1879**
Hardy County

REQUEST:

The Town of Wardensville is requesting a change in project scope, cost, and funding. The **original scope of this project** included the replacement of fire hydrants and water meters in the distribution system; replacing the Warden Acres water storage tank with a 330,000 gallon tank and the Anderson Ridge water storage tank with a 304,000 gallon tank; drilling a new water well at the Town of Wardensville water treatment plant site; adding a SCADA system; and upgrade/rehabilitating the existing Town of Wardensville's water treatment plant with major work to consist of upgrade the electrical service, upgrade the chlorine room, upgrade mechanical piping, and add a generator.

The proposed revised scope of work instead will construct a new water treatment plant after it was determined that a new plant would be needed to properly handle the source water after it was declared to be GWUDI (Groundwater Under the Direct Influence). Other changes include the addition of a second new well to the project, the construction of a Maintenance Building for the water system's equipment, and in the distribution system, replacing the water mains from Main Street to Oak Street, others in the Oak Street area, and Mathias Street. Also included will be the replacement of all service lines from the water main to the meter and full service line replacements for service lines determined to be Lead Service Lines.

The revised project's total cost will be \$6,746,739. The new funding scenario is shown below.

- DWTRF Loan (0.50%, 40 yrs) - \$3,597,000.00
- DWTRF Principal Forgiveness - \$1,000,000.00
- WV IJDC Grant - \$1,000,000.00
- WDA Economic Enhancement Grant - \$1,103,000.00
- Town Contribution - \$46,739

Town of Wardensville
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RECOMMENDATION:

The Technical Review Committee believes there are no technical issues related to this request and therefore recommends review and approval by the IJDC Technical and Funding Committee.




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

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: John M. Perkins 
Supervisor
General Permits & Support Team

DATE: August 17, 2022

SUBJECT: Infrastructure Preliminary Application for the Wardensville, Town of: Systems Improvements in Hardy County, WV (2020W-1879).

We have reviewed the above referenced project application information. The Town of Wardensville does not currently generate filtered backwash for discharge from its site. Therefore, no discharge permit is required. However, the preliminary engineering report indicates that one proposed alternative is for the construction of sand filters. If this alternative is pursued and results in a discharge of filter backwash, then a permit must be obtained.

If the Town of Wardensville 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 Town of Wardensville 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 Town of Wardensville 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



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: Town of Wardensville – System Improvement
IJDC Preliminary Application: 2020W-1879

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



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MEMORANDUM

TO: Stephanie Hickerson, P.E., Manager
Infrastructure and Capacity Development Unit

FROM: Valerie A. Plance, ERS III
Capacity Development Program

DATE: September 24, 2020

RE: Town of Wardensville (PWSID#3301603)
IJDC Application No.: 2020W-1879
Hardy County

The Town of Wardensville Water 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. There is no approved asset management plan on file with the BPH.

The question about having had a capacity development assessment (CDA) within the last 5 years was marked as yes. This is correct. The last CDA was performed at the Town of Wardensville Water system in June 2022.

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 Town of Wardensville had a score of 16 on the July 2022 quarter of the EPA's Compliance Tracking Tool (ETT.) The current score is above the EPA's action level of > 11; indicating that the system, at this time, has compliance issues that need to be addressed. These issues include multiple Turbidity exceedances in 2022.

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

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

VAP