

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: Meredith J. Vance, Director
Environmental Engineering Division

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

DATE: November 22, 2022

SUBJECT: Lincoln PSD
IJDC Application- **2022W-2237**
Water System Improvements Project (Ph. III)
Lincoln County

Recommendation:

This preliminary application is recommended to be tabled due to an infeasible funding package request and the concerns noted below. The applicant is advised to contact the funding agencies for further discussion.

Project Scope:

This Preliminary Application proposes the following scope: replace approx. 40,000 linear feet of mains and other necessary appurtenances; rehabilitate/paint Sumerco and Sod Water Storage Tanks; and upgrade the existing WTP, including building an addition and replacement of 10 actuated valves and the Motor Control Center (MCC).

The cost per customer is **\$4,094** for the project. The total project cost is **\$10,130,000**.
IJDC Grant Funding \$500,000; DWTRF Loan (1%, 40 yrs., 0.25 admin fee) \$5,000,000;
DWTRF Principal Forgiveness \$ 4,630,000.

Need for the Project:

Customers are experiencing multiple interruptions in service and boil water advisories. As required by the PSC, the system must increase reliability and overall public safety. The system is experiencing a high amount of water loss. There is no capacity to serve new customers.

Concerns:

- 1) The Lincoln PSD (#3302205) has a score of 21 on the July 2022 quarter of the EPA's ETT list.
- 2) The options to connect to WVAW and St. Albans were not thoroughly addressed in the PER.
- 3) DWTRF PF/Loan funding amounts will have to be further evaluated.

Permits:

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

Engineering: 6.68% for design, 18.87% for total.

The Design Fees vs. Construction Cost for Modifications is slightly above both curves. The Total Fees vs. Construction Cost for Modifications is above both curves.

A fee waiver **will be required** for both Design & Total fees for this project.

Asset Management Plan and Annual Maintenance Audit:

Lincoln PSD preliminary infrastructure application indicates that they are seeking DWTRF monies. The system indicates in the application that they do have an asset management plan. Lincoln PSD recently submitted an AMP to the BPH for approval and will begin submitting their required annual updates.

Capacity Development:

The question about having had a capacity development assessment (CDA) within the last 5 years was marked as no. The last assessment conducted on the system was in May 2021.

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 Lincoln PSD (#3302205) has a score of 21 on the July 2022 quarter of the EPA's ETT list. The system has worked with both the OEHS District Office in St Albans as well as Compliance and Enforcement staff to return the system to compliance.

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

IJDC Ranking:

- Public Health Benefit: 10
- Compliance: 10