



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: Marie Prezioso, Chair

From: Katheryn Emery, P.E., Engineer Chief
Sewer Technical Review Committee

Date: May 21, 2025

Subject: City of Elkins
IJDC No. 2025S-2653
Georgetown Road Area Wastewater Improvements

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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 wastewater 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.

- c. ☒ The Funding Committee does not need to review the funding assumptions on this project. This project will need to be tabled to give time for the PSC to complete the review.
- d. ☐ This project should be referred to the Consolidation Committee.

3. Other remarks:

The project should be tabled to allow time for the PSC to finish their review.

This project will replace gravity sewer lines on Livingston Ave and install a new forcemain from the Vector Avenue pump station along Scott Ford Rd. Replacement of the deteriorated sewer line along Trickett Lane and an upgrade to the Vector Ave. pump station will also be included. This existing line is in disrepair and has reached the end of its useful life. This project will address the overflows that resulted in a Notice of Violation (NOV W24-42-012-TPD).

Using the Combined Application, the Total Fee appears to be above the ASCE curve

The total cost for this project is \$3,000,000.00 and the City intends to pursue a \$500,000 IJDC Grant, a \$1,500,000 in CWSRF Principle Forgiveness, and a \$1,000,000 USACE Section 571 Grant.

Preliminary Project Ratings:

Public Health Benefits: 10
Compliance with Standards: 20



STATE OF WEST VIRGINIA
DEPARTMENT OF HEALTH
BUREAU FOR PUBLIC HEALTH
OFFICE OF ENVIRONMENTAL HEALTH SERVICES

Russel Crane
Interim Cabinet Secretary of Health

Jason R. Frame
OEHS Director

MEMORANDUM

TO: Meredith J. Vance, Director
Environmental Engineering Division

FROM: Patrick Murphy, P.E.
Environmental Engineering Division

DATE: April 6, 2025

SUBJECT: City of Elkins
IJDC Application- **2025S-2653**
Georgetown Road Wastewater Improvements
Randolph County

Recommendation:

We have reviewed this preliminary application and recommend that it be forwarded to the Funding Committee for review.

Project Scope:

This project proposes (Alternative 1) to replace the gravity sewer line on Livingston Avenue; construct a new force main from the Vector Avenue pump stations along Scott Ford Road to the Livingston Avenue gravity sewer; and to upgrade the Vector Avenue pump station.

The total project cost is **\$2,500,000.00**

Need for the Project:

The city reports that the gravity sewer line along Sylvester Drive and associated Sanitary Sewer Overflow (SSO) are often overloaded from the discharge from the Vector Avenue pump station resulting in four (4) manhole overflows (spills) from June 2022 to February 2024 and that the gravity sewer line along Livingston Avenue is in disrepair and has reached the end of its useful life.

Concerns: No concerns were noted.



Permits:

Coordination with the following agencies will likely be required for this project:

- WV Department of Environmental Protection
- WV Department of Health
- WV Department of Transportation
- US Army Corps of Engineers



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MEMORANDUM

TO: Katheryn Emery, P.E., Engineer Chief, DWWM

FROM: Corey McComas, DWWM

DATE: May 16, 2025

SUBJECT: City of Elkins
IJDC No. 2025S-2666
Georgetown Rd./Trickett Ln. Wastewater Improvements

RECOMMENDATION

The IJDC Application and Preliminary Engineering Report prepared by Civil and Environmental Consultants, for the above referenced project has been reviewed and is technically feasible.

PROJECT DESCRIPTION

The City of Elkins (City) currently owns a wastewater treatment plant (WWTP) and a collection system, which includes 14 CSOs. The City serves 3,099 customers in the City and surrounding areas, including from Midland Public Service District and Leadville Public Service District. The City's WWTP is a 5.97 MGD oxidation ditch, which discharges into the Tygart Valley River.

The project will involve the following: replace approximately 4,700 LF of GSP on Livingston Ave., install approximately 1,900 LF of FM from the Vector Ave. pump station along Scott Ford Rd. to the Livingston Ave. gravity sewer, upgrade the Vector Ave. pump station, replace approximately 830 LF feet of deteriorated 18" VCP sewer line along Trickett Lane with 18" PVC sewer line, replace existing service laterals and manholes connected to the new sewer line, and all necessary appurtenances.

The proposed total cost for this project is \$3,000,000.00 and the City intends to pursue a \$500,000 IJDC Grant, a \$1,500,000 in CWSRF Principle Forgiveness, and a \$1,000,000 USACE Section 571 Grant. The monthly rate for 3,400 gallons is \$50.80 (1.57% MHI).

NEED FOR PROJECT

The Georgetown Road area has two main issues to be addressed. First, the City reports that the gravity sewer line along Livingston Ave. is in disrepair and has reached the end of its useful life.

In addition, the City reports that the gravity sewer line along Sylvester Dr. and associated Sanitary Sewer Overflow (SSO) are often overloaded from the discharge from the Vector Ave. pump station resulting in four (4) manhole overflows (spills) from June 2022 to February 2024. This resulted in a Notice of Violation (NOV W24-42-012-TPD).

The 18" vitrified clay pipe (VCP) wastewater collection line along Trickett Lane from 2nd Street upstream to 4th Street has contributed to a sewage back-up at multiple locations, including City Hall.

DEFICIENCIES/COMMENTS

- No discussion of I&I was provided. There is a concern that excessive I&I is contributing to the SSOs.
- The PER will need to be developed into a facilities plan that meets CWSRF requirements if CWSRF is used..
- Using the Combined Application, the Total Fees appear to be above the ASCE curve.

Preliminary Project Ratings:

Public Health Benefits: 10

Compliance with Standards: 20