



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

March 6, 2024

The Honorable Sam Maxson
Mayor, Town of Nutter Fort
1415 Buckhannon Pike
Nutter Fort, WV 26301

RE: Town of Nutter Fort
Sanitary Sewer Extension to Route 20
Corridor - Chub Run Area
SRF No. C-544833
IJDC No. 2023S-2355

Dear Mayor Maxson:

Please find enclosed a copy of the Finding of No Significant Impact for the above referenced project. One copy should be placed at the Town's office on the bulletin board and/or placed on the Town's website. Another copy should be given to the local post office to be placed on their bulletin board.

If you have any questions, please don't hesitate to contact Daniel Bailey, EI, CFM, at (304) 926-0499, ext. 43785, or at Daniel.S.Bailey@wv.gov.

Sincerely,

A handwritten signature in blue ink that reads 'Katheryn Emery'.

Katheryn Emery, P.E.
Engineer Chief
State Revolving Fund

KE/db

Enclosure

cc: Daniel Ferrell, P.E., The Thrasher Group, Inc. (via e-mail)
Wayne Morgan, P.E., IJDC (via e-mail)

Promoting a healthy environment.



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FINDING OF NO SIGNIFICANT IMPACT
FNSI-WV-356

DATE: March 6, 2024

To All Interested Parties:

In accordance with the State regulations found in Title 47, Series 31, "State Water Pollution Control Revolving Fund," the West Virginia Department of Environmental Protection (WVDEP) has performed an Environmental Review on the proposed project, as described below, and on the attached Environmental Assessment:

Town of Nutter Fort
Sanitary Sewer Extension to Route 20 Corridor - Chub Run Area Project
SRF No. C-544833

(Official Project Name and Number)

Town of Nutter Fort
1415 Buckhannon Pike
Nutter Fort, WV 26301

(Project Applicant)

Nutter Fort, Harrison County, WV

(Project Location, City, County, State)

\$ 3,000,000

(Estimated State Revolving Fund Financial Share)

\$ 5,500,000/\$ 5,350,000

(Estimated Total Project Cost/Estimated Eligible Cost)

Promoting a healthy environment.

SRF No. C-544833

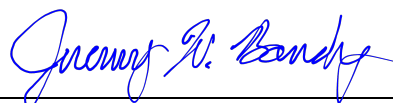
The review process indicated that either significant environmental impacts would not result from the proposed action or significant adverse impacts have been eliminated by making changes in the project. Consequently, a preliminary decision not to prepare an Environmental Impact Statement has been made.

This action is taken on the basis of a careful review of the Environmental Information Document, and other supporting data. These documents are on file in the WVDEP office and are available for public review upon request. Additional copies of the Environmental Assessment will be made available, at cost, upon request.

Comments supporting or disagreeing with this preliminary decision may be submitted for consideration to the WVDEP. After evaluating the comments received, the Agency will make a final decision no sooner than thirty (30) calendar days from the date of this Finding of No Significant Impact. No administrative action will be taken with respect to this proposal during this time frame.

Comments should be submitted to:

Katheryn Emery, P.E.
West Virginia Department of Environmental Protection
Division of Water and Waste Management
State Revolving Fund Program
601 57th Street, SE
Charleston, WV 25304



Jeremy W. Bandy
Director

**ENVIRONMENTAL ASSESSMENT
FOR THE
TOWN OF NUTTER FORT
SANITARY SEWER EXTENSION TO ROUTE 20 CORRIDOR - CHUB RUN AREA
PROJECT
SRF NO. C-544833**

I. Proposed Project

The Town of Nutter Fort (Town) currently owns and operates a combined wastewater collection system to serve the residents of Nutter Fort in Harrison County, West Virginia, as shown in Exhibit 1. The system consists of approximately 6 miles of wastewater collection main line varying in size from 4 to 21 inches. The Town of Nutter Fort does not operate a wastewater treatment facility. Currently, all sewage collected within the Town is conveyed to the City of Clarksburg's wastewater treatment plant (WWTP) for treatment. The Town has three (3) combined sewer overflows (CSOs) that discharge into Elk Creek. The Town is responsible for providing environmentally safe and reliable sanitary sewer collection for the 770 customers in the Nutter Fort area.

The proposed project will consist of an extension to the Town of Nutter Fort's existing sanitary sewer system along the Route 20 Corridor in the Chub Run area. The proposed project area is shown in Exhibit 2. This project proposes the addition of 15,700 LF of 8-inch gravity sewer line, 1,650 LF of 6-inch gravity sewer line, 3,500 LF of 8-inch force main sewer line, 90 manholes, one (1) lift station, and all necessary appurtenances to serve 100 new customers. This project proposes all wastewater collected in the Chub Run area be conveyed to the Greater Harrison Public Service District (GHPSD) Quiet Dell WWTP that is currently being designed. This WWTP will be designed with a 250,000 gallon per day (GPD) capacity and will have sufficient capacity for this extension.

The anticipated project costs and proposed funding sources for the project are as follows:

| | |
|--|--------------|
| Total Project Cost | \$ 5,500,000 |
| Total Construction Cost | \$ 4,000,000 |
| SRF Loan (Principal Forgiveness) | \$ 2,000,000 |
| SRF Loan (0.25% interest, 0.25% Admin, 40 years) | \$ 1,000,000 |
| WDA Economic Enhancement Grant Funds | \$ 1,500,000 |
| IJDC Grant | \$ 1,000,000 |
| Annual O&M Cost | \$ 122,942 |
| Average Monthly Rate (3,400 gal/month) | \$ 102.41 |

II. Purpose and Need

The residents of the Chub Run area of the Town of Nutter Fort are not currently served by a sanitary sewer system. With the current lack of a public sanitary sewer system, it is suspected that some sewage is directly discharged into Chub Run that leads to Elk Creek, which is listed on the 303d list for biology and has TMDLs developed for fecal and iron. These direct discharges could have detrimental effects on the wildlife in the area and could be a danger to public health should the sewage enter any clean water sources. The proposed sanitary sewer extension in this area is needed as a safer and more sustainable solution to protect public health and the environment.

III. Future Environment without the Project

The potential customers in the area do not have a dedicated sanitary sewer system. Without this project, potential direct discharges of sewage will continue to degrade Chub Run and Elk Creek, contributing to damaging effects on water quality, public health, and local wildlife.

IV. Evaluation of Alternatives

Alternative 1 evaluated extending sewer service to the Chub Run Area and conveying flows to the GHPSD Quiet Dell WWTP. This facility is currently being designed to operate with a capacity of 250,000 GPD. The treatment capacity has been designed to accept the flows from the 100 new customers proposed in this project. This alternative for the proposed extension consists of approximately 15,700 LF of 8-inch gravity sewer line, 1,650 LF of 6-inch gravity sewer line, 3,500 LF of 8-inch force main sewer line, 90 manholes, one (1) pump station, and all necessary appurtenances. Alternative 2 evaluated extending sewer service to the Chub Run Area and connecting to the existing Town of Nutter Fort's collection system to convey flows to the City of Clarksburg's WWTP. This alternative of the proposed extension consists of approximately 15,700 LF of 8-inch gravity sewer line, 1,650 LF of 6-inch gravity sewer line, 1,800 LF of 18-inch sewer line, 20,000 LF of 8-inch force main sewer line, 90 manholes, one (1) new lift station, upgrades to an existing lift station, and all necessary appurtenances. The no-action alternative was evaluated and would leave the residents without a dedicated sanitary sewer in the area.

After evaluating the alternatives, both alternatives 1 and 2 provide sanitary sewer collection to an area that does not have any public service. Alternative 1 was selected since it was the most cost-effective alternative evaluated. This alternative also will not create additional flow to an existing CSO system currently in operation by the Town.

V. Environmental Consequences

The following factors were evaluated with respect to potential environmental impacts. The beneficial impacts of this project should far exceed any detrimental effects. A brief discussion of each factor is presented:

1. **Air Quality:** No impact. Temporary impacts during construction include noise and dust generated by equipment.
2. **Noise:** No impact. Noise will be limited to construction working hours and should be low in decibels.
3. **Endangered or Threatened Species:** No impact. US Fish and Wildlife Service (USFWS) indicated in their letters from June 23, 2023, that the project is not likely to adversely affect (NLAA) any habitats for endangered species in the project area. WV Division of Natural Resources (WVDNR) indicated in their letter from July 13, 2023, that the Northern Long Eared Bat habitat and mussels in Elk Creek are located in the project area. The design of this project is not anticipated to adversely affect these habitats.

4. Fish and Wildlife Resources: No impact. WV Division of Natural Resources (WVDNR) indicated in their letter from July 13, 2023, that there are no trout streams in the project area. While there are habitats for Northern Long Eared Bat and mussels in Elk Creek located in the project area, the design of this project is not anticipated to adversely affect these habitats.

5. Wetlands/Floodplains: No impact. Correspondence from USACE, dated December 7, 2023, recommended wetland delineation, which will be performed during the design phase. It is expected that any aquatic feature impacts would be temporary in nature for the installation of the sewer line and all disturbed aquatic features would be restored to their pre-construction conditions. USACE's letter also indicated that the project will likely qualify for a Nationwide Permit. Coordination with USACE must be completed prior to approval of the final plans and specifications for this project. The proposed lift station site will be designed to be accessible during a 25-year flood event, with all controls free from damage during a 100-year flood event. Newly installed manholes and access hatches will be watertight. All critical components of the proposed system will adhere to the Federal Flood Risk Management standards.

6. Surface/Groundwater Resources: No impact. This project will not affect existing water treatment facilities or groundwater uses in the vicinity.

7. Excessive Energy Consumption: No impact. The selected alternative adds a lift station that will be designed with the most efficient energy usage.

8. Sludge Disposal: No impact. Sludge disposal activities will be controlled by the Quiet Dell Wastewater Treatment plant, operated by the Greater Harrison Public Service District.

9. Loss of Prime Agricultural Land: No impact. USDA-NRCS cleared the project on October 23, 2023.

10. Visual Effects/Community Amenities: No impact. Possible short-term impacts associated with construction activities will be mitigated by proper restoration of disturbed areas. Required WVDOH permits will ensure that proper safety measures are maintained within the work zones and any roadway impacted by construction is restored properly.

11. Socio-economic Considerations: No impact. The proposed monthly user charges for 3,400 gallons is \$102.41. This rate is proposed as part of Nutter Fort's ongoing rate structure and pending going level increases as well as impacts of this project.

12. Historical/Archaeological Sites: No impact. WV Department of Culture and History indicated in their letter from August 3, 2023 that the project is not anticipated to impact archaeological resources.

13. Wild and Scenic Rivers: No impact. No wild and scenic rivers are located in the project area.

14. Other Environmentally Sensitive Areas: No impact.

VI. Public Participation

A public meeting for the proposed project was conducted on October 23, 2023, at Nutter Fort, WV. Evidence of opposition to the project was not apparent in the meeting minutes.

VII. Conclusions

Based upon this Environmental Assessment, the Department of Environmental Protection has concluded that this project will not cause any significant environmental impacts. Streams and wetlands will be delineated and avoided in the design and construction phases of this project, except where construction is otherwise covered by a USACE Nationwide Permit. Utilization of proper erosion and sedimentation controls will prevent significant impacts resulting from this project. This Finding of No Significant Impacts is conditioned upon receiving further correspondence from USACE regarding potential impacts to wetland and the project's eligibility for a Nationwide Permit.

VIII. References

References utilized to complete this Environmental Assessment were:

1. Facilities Plan Checklist with included Environmental Screening Checklist
2. Town of Nutter Fort Sanitary Sewer Extension to Route 20 Corridor - Chub Run Area Project Facility Plan, prepared by The Thrasher Group, Inc., dated December, 2023

Attachments

- Exhibit 1 – Project Location Map
- Exhibit 2 – Proposed Project Area Maps

Exhibit 1

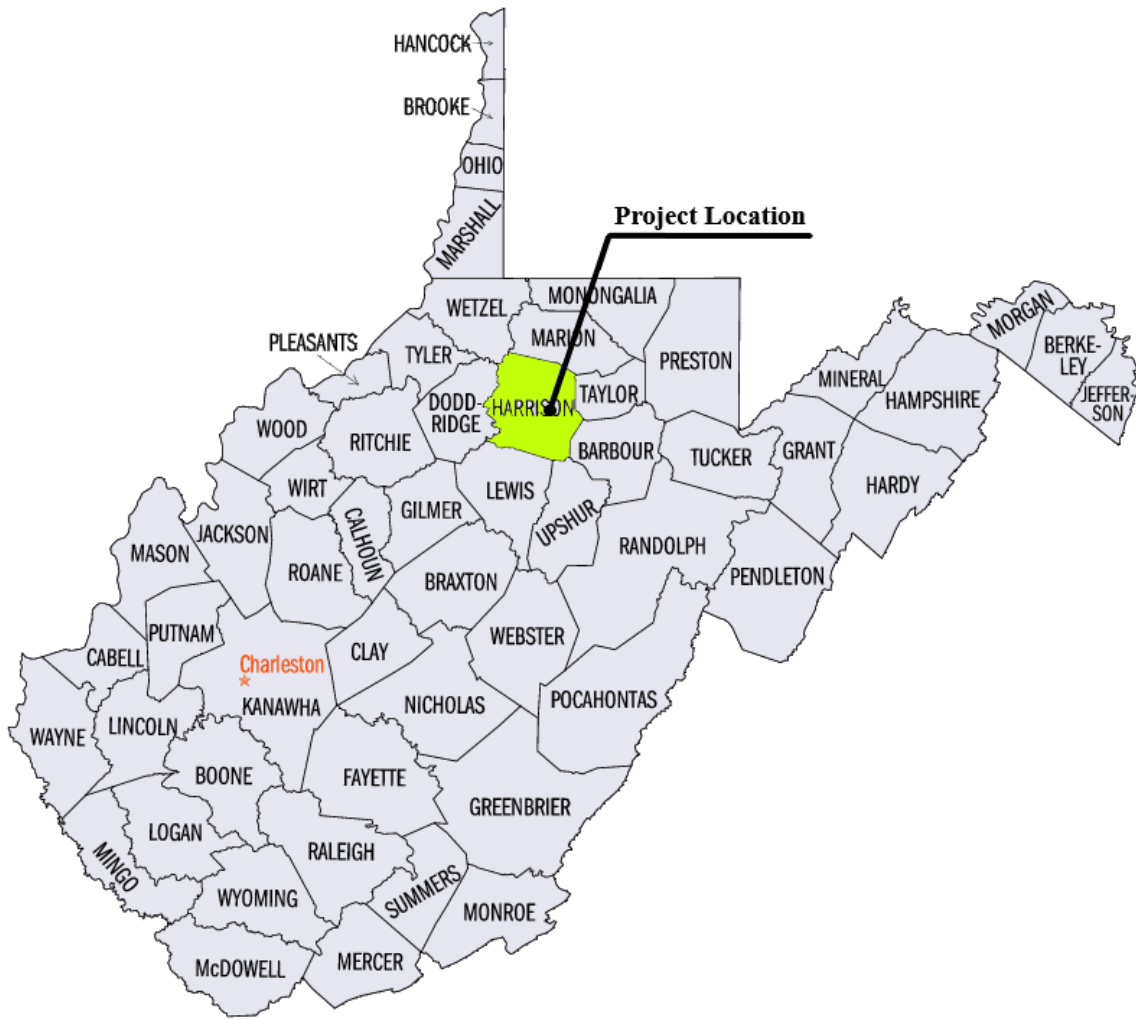


Exhibit 2

