



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0495

Harold D. Ward, Cabinet Secretary
dep.wv.gov

April 15, 2021

The Honorable Walter Yates
Mayor, City of Benwood
430 Main Street
Benwood, WV 26031

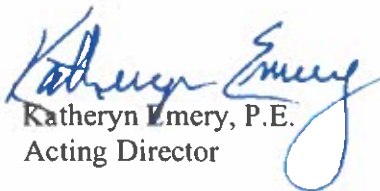
RE: City of Benwood
Combined Sewer System
Improvements – Phase IB
SRF No. C-544613

Dear Mayor Yates:

Please find enclosed a copy of the Categorical Exclusion for the above referenced project. One copy should be placed in the City's office on the bulletin board and/or placed on the City'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 do not hesitate to contact Jesse Rupe at (304) 926-0499, ext. 43784 or Jesse.Rupe@wv.gov.

Sincerely,


Kathryn Emery, P.E.
Acting Director

Enclosure

cc: Mike Davis, P.E., Burgess & Niple, Inc. (via e-mail)

Promoting a healthy environment.



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CATEGORICAL EXCLUSION

CE-WV-125

DATE: April 15, 2021

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 has performed an Environmental Review on the proposed project, as described below, and on the attached Environmental Assessment:

City of Benwood
Combined Sewer System Improvements – Phase IB
SRF No. C-544613

(Official Project Name and Number)

City of Benwood
430 Main Street
Benwood, WV 26031

(Project Applicant)

City of Benwood, Marshall County, West Virginia

(Project Location, City, County, State)

\$2,000,000

(Estimated State Revolving Fund Financial Share)

\$2,357,500/\$2,347,500

(Estimated Total Project Cost/Estimated Eligible Cost)

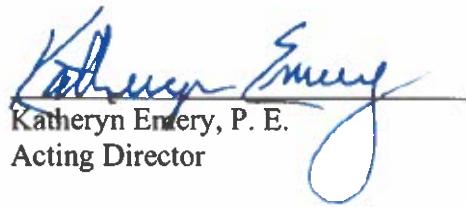
Promoting a healthy environment.

SRF No. C-544613

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 based on a careful review of the Environmental Information Document, and other supporting data. These documents are on file in the West Virginia Department of Environmental Protection office and are available for public review on request. Additional copies of the Environmental Assessment will be made available, at cost, upon request.

It should be noted that this document will satisfy the NEPA requirements and Section 6 of the SRF regulations and therefore a 30-day public comment period for this document is not required. The Facility Plan shall be approved when this document is published.


Kathryn Emery, P. E.
Acting Director

**CATEGORICAL EXCLUSION PROJECT SUMMARY FOR
CITY OF BENWOOD COMBINED SEWER SYSTEM IMPROVEMENTS – PHASE IB
SRF NO. C-544613**

Proposed Action

The City of Benwood owns and operates a wastewater collection system located along the Ohio River in Marshall County, West Virginia (Exhibit 1). The City operates under National Pollutant Discharge Elimination System (NPDES) permit number WV0020648 and serves approximately 1,420 people. Wastewater generated in the City flows through the collection system and is pumped to the City of Wheeling Water Pollution Control Treatment System for treatment. However, during wet weather events, the collection system has ten overflow points which discharge combined sewer into the Ohio River, McMechen’s Run and Boggs Run.

The City’s wastewater collection system is a Combined Sewer Overflow (CSO) system. The proposed project intends to complete the original Phase I project and the Phase IV project identified in the City’s approved Long-Term Control Plan (LTCP). The LTCP identifies that this project will further reduce the hydraulic impacts of Lift Station C and will completely separate sewers that are tributary to Lift Station D. This project will eliminate three CSOs, C-009, C-011, and C-015. Separation will begin at the northern extent of the Phase IA project between 13th and 14th Street and along Marshall Street and move north past the railroad bridge. This will provide complete sewer separation south of the railroad bridge (see Exhibit 2).

The proposed project will consist of installing new sanitary sewer lines to provide separation. The existing sewers will be repurposed as dedicated storm sewers. The project will consist of the installation of approximately 6,000 linear feet (LF) of 6” and 8” sanitary sewer lines, 28 manholes, and all other necessary appurtenances.

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

Total Project Cost	\$ 2,357,500.00
Total Construction Cost	\$ 1,660,700.00
State Revolving Fund Debt Forgiveness	\$ 1,000,000.00
State Revolving Fund Loan	\$ 1,000,000.00
WV IJDC Grant	\$ 357,500.00
Average Monthly Rate (3,400 gallons)	\$ 55.49

Environmental Benefits

The City has is currently under Administrative Order 7647 to complete projects as outlined in their approved LTCP to ensure compliance with EPA’s Combined Sewer Overflow Control Policy. The City is required to undertake projects to eventually eliminate all 12 overflow sites. With the completion of the Phase IA project and this Phase IB project, the City will have removed five overflows. The project will have a positive effect to the Ohio River by eliminating overflow events and reducing the total fecal coliform loading to the Ohio River.

Categorical Exclusion Criteria

EPA regulation 40 C.F.R. §6.204(a) permits the use of categorical exclusions from the substantive environmental review requirements of the National Environmental Policy Act (NEPA). To be excluded, the action must fit within a category of action that is eligible for exclusion and must not involve any extraordinary circumstances. For most infrastructure projects, the following actions are eligible for exclusion [40 C.F.R. § 6.204(a) (1) (ii)]:

Actions relating to existing infrastructure systems that involve minor upgrading, or minor expansion of system capacity, or rehabilitation of the existing system and system components, or construction of new minor ancillary facilities adjacent to or on the same property as existing facilities. This category does not include actions that:

- a. Involve new or relocated discharges to surface or ground water.
- b. Will likely result in the substantial increase in the volume or loading of pollutant to the receiving stream.
- c. Will provide capacity to serve a population 30% greater than the existing population.
- d. Are not supported by the state, or other regional growth plan or strategy; or
- e. Directly or indirectly involves or relates to upgrading or extending infrastructure systems primarily for the purpose of future development.

Criteria which prevent the use of a categorical exclusion are found at 40 C.F.R. §6.204(b), summarized as follows:

- (1) The action may have a significant effect on the quality of the human environment or is expected to have disproportionately high and adverse human health or environmental effects on a disadvantaged community; or
- (2) The action may affect cultural resource areas, endangered or threatened species, environmentally important natural resources, or other identified resource areas of concern; or
- (3) The action is not cost-effective or may cause public controversy about a potential environmental impact.

Analysis

The proposed project meets the criteria for a categorical exclusion. It involves the criteria, "Actions relating to existing infrastructure systems that involve minor upgrading, or minor expansion of system capacity, or rehabilitation of the existing system and system components, or construction of new minor ancillary facilities adjacent to or on the same property as existing facilities."

The proposed system upgrades and rehabilitation will be constructed on previously disturbed property that has several other utility easements adjacent to this location. The project does not meet any of the criteria prohibiting the issuance of a categorical exclusion.

Revocation

This conclusion can be revoked if additional and/or future information indicates any of the following:

- (1) The proposed action no longer meets the defined category due to changes in the proposed action.
- (2) Serious local or environmental issues now exist; and/or
- (3) Federal, State, or local laws may be violated.

Documentation

1. Facilities Plan for Combined Sewer System Improvements – Phase II for the City of Benwood prepared by Burgess & Niple Engineering, Inc., dated January 2021 with revisions in March 2021.
2. EPA Categorical Exclusion Determination Checklist

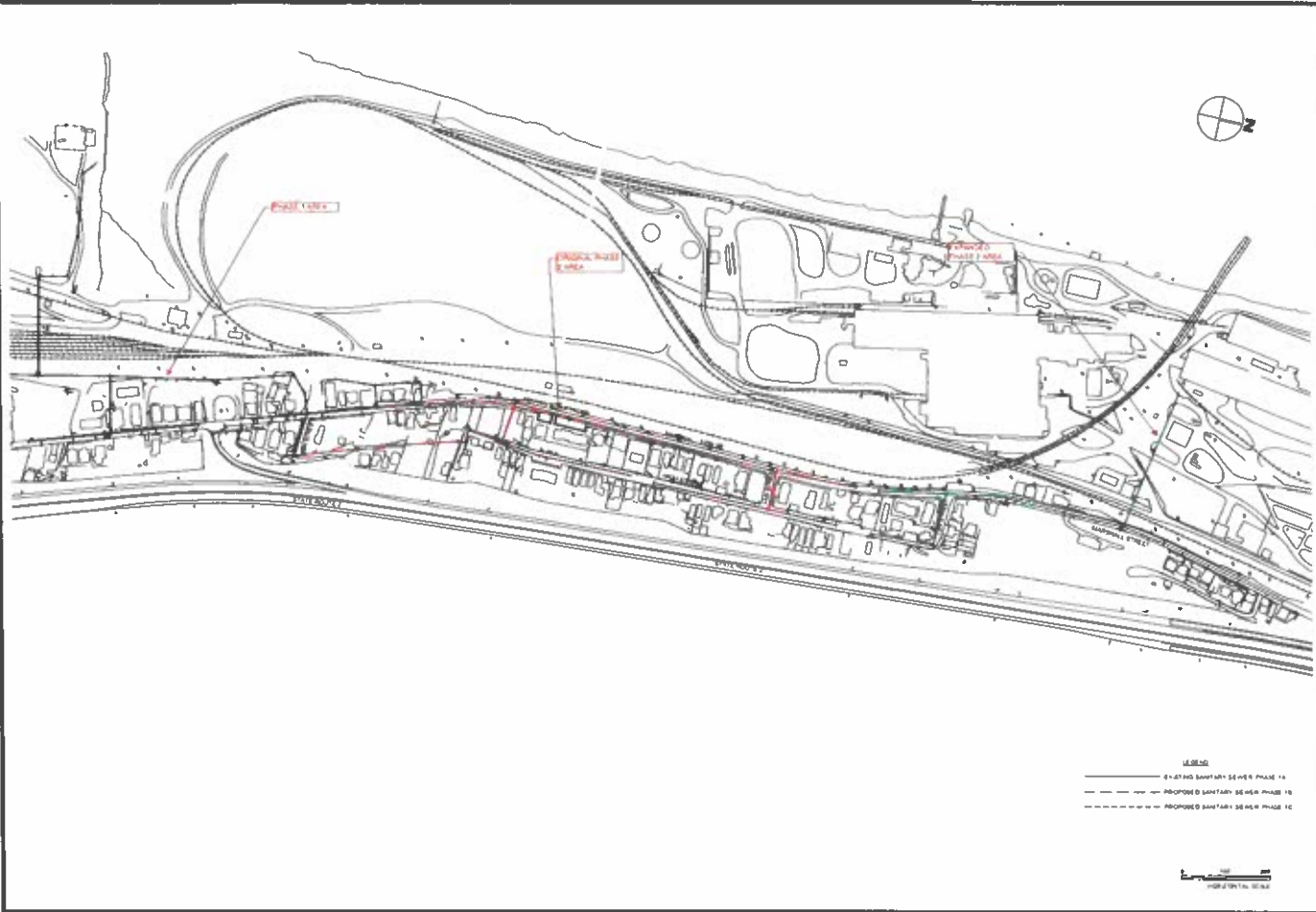
Attachments

1. Exhibit 1 – Project Location Map (1)
2. Exhibit 2 – Project Layout Map (1)



Exhibit 1
Project Location Map

LOT 100, BLOCK 1, SUB 10



LEGEND
 — EXISTING SANITARY SEWER PHASE 1A
 — PROPOSED SANITARY SEWER PHASE 1B
 — PROPOSED SANITARY SEWER PHASE 1C

1" = 100'
 0' 10' 20' 30' 40' 50'

BURGESS & NIPLÉ
 ENGINEERS
 1000 BROADWAY, WEST CHESTER, OHIO 43081

CITY OF BENWOOD, WEST VIRGINIA
 COMBINED SEWER SYSTEM
 IMPROVEMENTS, PHASE 1B

NO.	DESCRIPTION	DATE

PROJECT NO. PRE17300
 DATE APRIL 2018
 DRAWN BY SFPD
 CHECKED BY DWG
 APPROVED BY SFPD
 SCALE 1" = 100'

PRELIMINARY
 ALIGNMENTS

E-02
 2 2

1000 BROADWAY, WEST CHESTER, OHIO 43081