



west virginia department of environmental protection

Division of Water and Waste Management
57th Street, SE
Martinsburg, WV 25304
Phone: 304-926-0495 / Fax: 304-926-0496

Austin Caperton, Cabinet Secretary
dep.wv.gov

February 24, 2020

Honorable Edward M. Kuca, Jr
Mayor of Benwood
100 Main Street
Benwood, WV 26031

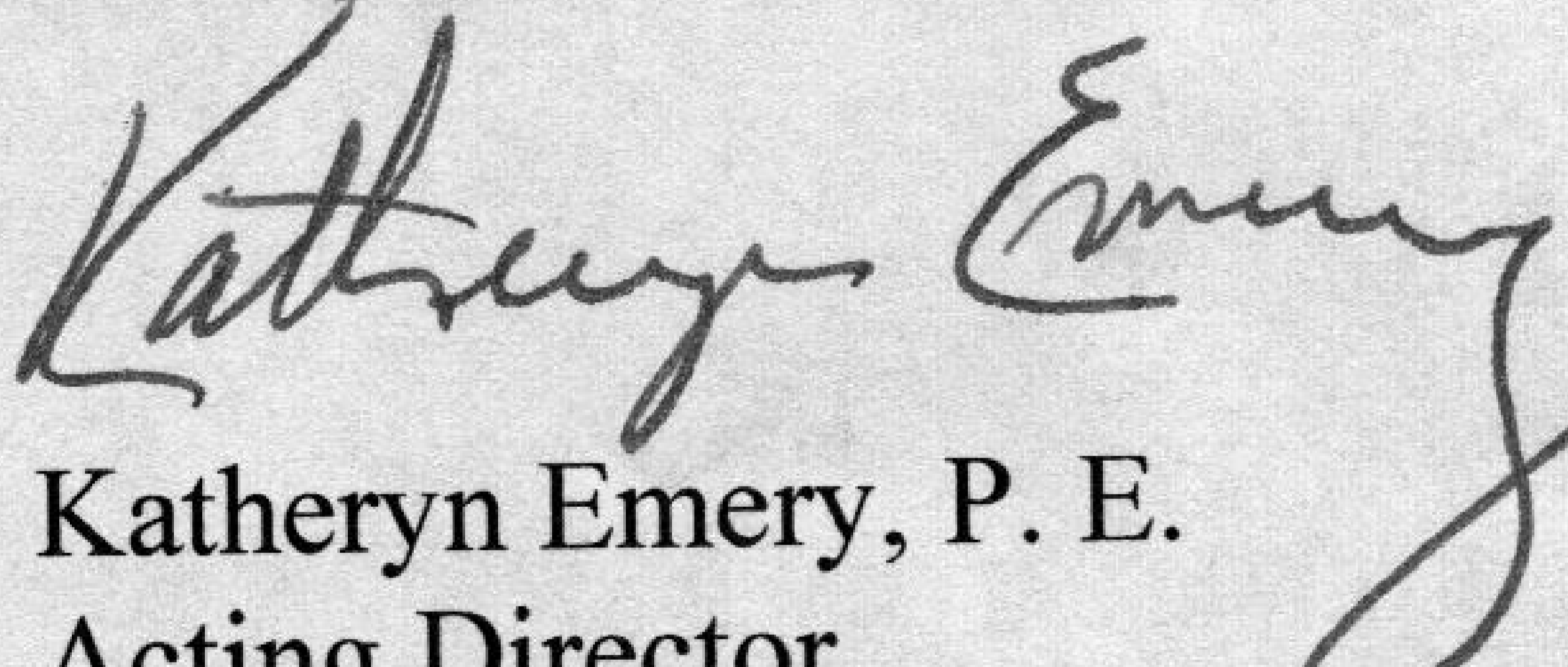
RE: City of Benwood
Phase 1A – Sewer Separation Project
Amendment
SRF No. C-544531

Mayor Kuca:

Please find enclosed a copy of the amended Categorical Exclusion for the above referenced project. One copy should be placed in the City Hall on the bulletin board and/or posted on the city's website. One copy should be given to the local post office to be placed on the bulletin board.

If you have any questions, please don't hesitate to call Daniel Bailey, CFM, at (304) 926-0499, ext. 43785 or Jesse Rupe, at (304)-926-0499, ext. 43784.

Sincerely,


Katheryn Emery, P. E.
Acting Director

db/jr

Enclosures

Promoting a healthy environment.



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street, SE
Charleston, WV 25304
Phone: 304-926-0495 / Fax: 304-926-0496

Austin Caperton, Cabinet Secretary
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CATEGORICAL EXCLUSION
CE-WV-59 (amended)

DATE: February 24, 2020

To All Interested Parties:

In accordance with the State regulations found in Title 47, Series 31, "State Water Pollution Control Revolving Fund", the 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
Phase 1A – Sewer Separation Project
SRF No. C-544531

(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)

\$3,404,539

(Estimated Amended State Revolving Fund Financial Share)

\$3,963,639/\$3,963,639

(Estimated Amended Total Project Cost/Estimated Eligible Cost)

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**CATEGORICAL EXCLUSION PROJECT SUMMARY FOR
CITY OF BENWOOD**

**PHASE 1A - WASTEWATER SYSTEM SEWER SEPARATION - AMENDMENT
SRF NO. C-544531**

Proposed Action

The City of Benwood is a community of approximately 1,420 people located along the Ohio River in Marshall County, West Virginia (See CE-WV-59 exhibits). Wastewater generated in the City is collected by a combined sewage system that is pumped to the City of Wheeling Wastewater Treatment system. However, during wet weather the collection system has several overflow points which discharge combined sewer into an unnamed tributary of the Ohio River, McMechen's Run and Boggs Run.

In addition to the project depicted in CE-WV-59 (constructed in 2017 & 2018), the City proposes to include an additional area that is a portion of their Long-Term Control Plan (LTCP) along the river levee system. This additional work will be funded with the use of remaining contingency funds from the original project. Specifically the areas proposed include flap gate replacement to prevent CSO discharges, clean and televise the gravity sewers from the diversion chamber to the river, line the 24-inch sewer associated with CSO C-005 using cured-in-place piping (CIPP), perform approximate 40-foot spot repair of the 30-inch sewer associated with CSO C-006, and replace existing handwheel operators for floodgates with a nut operator to allow turning with an electric actuator (See Exhibit 1).

The amended project will provide continued advanced progress for the LTCP and aid the City in maintaining its levee certification with the Federal Government.

The updated project costs and funding sources are as follows:

| | |
|--------------------------------------|----------------------|
| Total Project Cost | \$ 3,963,639 |
| Total Construction Cost | \$ 2,745,850 |
| State funds | \$ 559,100 |
| State Revolving Fund Cost | \$ 3,404,539 |
| Average Monthly Rate (4,000 gallons) | \$ 40.00 (No Change) |

Environmental Benefits

The project will help eliminate overflows to the Ohio River. The Ohio River and its tributaries are on the 2010 303(d) list for impaired streams for fecal coliform. The project will have a positive effect by reducing the overflows into the Ohio River thereby reducing the total fecal coliform loading on the Ohio River. As mentioned previously, the project is in accordance with the City of Benwood's Long Term Control Plan to ultimately ensure compliance with EPA's Combined Sewer Overflow Control Policy.

Categorical Exclusion Criteria

A 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 (EPA). 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 pollutants 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 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 amended project involves the functional replacement of equipment. Therefore, the project meets 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 project does not meet any of the criteria prohibiting the issuance of a categorical exclusion.

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

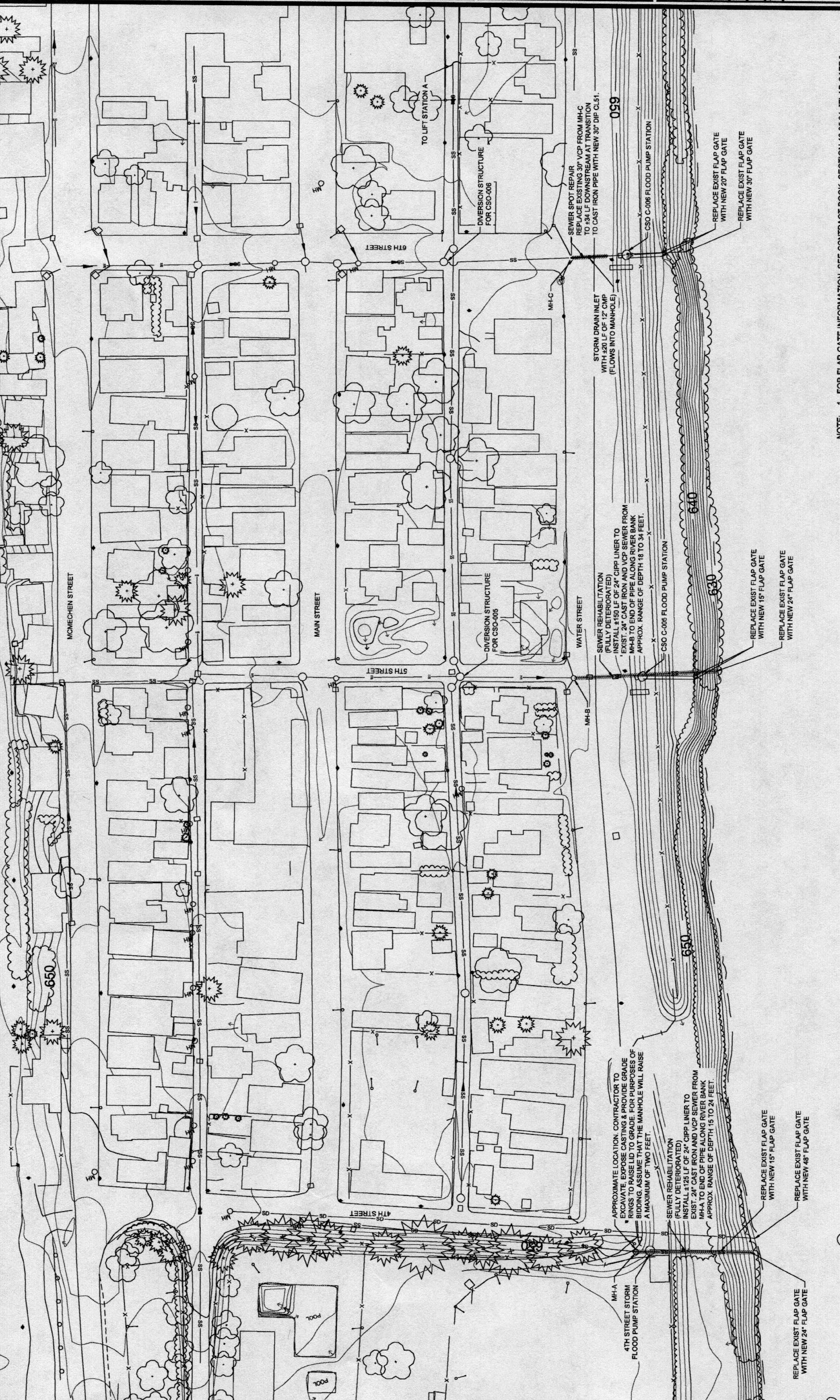
- (1) The proposed action no longer meets the defined category due to changes in the proposed action;
- (2) Serious local or environmental issues now exist; and/or
- (3) Federal, State, or local laws may be violated.

umentation

- . Combined Sewer System Improvement Phase I- Preliminary Engineering Report-City of Benwood, Marshall County, West Virginia-by Burgess and Niple, Inc.-February 2012
- . CE-WV-59, Categorical Exclusion for City of Benwood, SRF No. C-544531, dated August 30, 2012
- . Use of Contingency request, Letter from Burgess & Niple, Engineers for the City of Benwood, dated May 22, 2019

chments

Exhibit 1 – Additional Project Layout area



NOTE: 1. FOR FLAP GATE INFORMATION, SEE CONTRACT BOOK, SECTION 40 05 24, "FLAP GATE."
 2. SEWER MAPPING INDICATED ON THESE DRAWINGS COMES FROM EXISTING PLANS PROVIDED BY THE OWNER AND HAVE NOT BEEN REVIEWED FOR ACCURACY. INFORMATION IS BEING PROVIDED TO ALLOW CONTRACTOR TO GAUGE THE AMOUNT OF FLOW TO BE EXPECTED DURING CONSTRUCTION.

| NO. | DESCRIPTION | DATE |
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JOB NO: PR57633
 DATE: JULY 2019
 DESIGNED BY: DWF
 DRAWN BY: DWF
 CHECKED BY: MPD
 APPROVED BY: MPD
 SCALE: 1" = 50'
 GENERAL LAYOUT PLAN

CITY OF BENWOOD, WEST VIRGINIA
 LEVEE SEWER REHABILITATION
 CONTRACT 19-1
 SRF NO. C544531

BURGESS & NIPLER
 4424 EMERSON AVENUE
 PARKERSBURG, WEST VIRGINIA 26104