

FINAL PUBLIC NOTICE

The Town of Mount Pleasant has applied for Federal Emergency Management Agency (FEMA) Public Assistance (PA) Program funding through North Carolina Emergency Management (NCEM) as a sub-recipient.

Under the National Environmental Policy Act (NEPA), federal actions must be reviewed and evaluated for feasible alternatives and for social, economic, historic, environmental, legal, and safety considerations. Under Executive Order (EO) 11988 and EO 11990, FEMA is required to consider alternatives, and to provide a public notice of any proposed actions in or affecting floodplains or wetlands. EO 12898 also requires FEMA to provide the opportunity for public participation in the planning process and to consider potential impacts to minority and low-income populations. This notice may also fulfill requirements under Section 106 of the National Historic Preservation Act (NHPA).

Funding for the proposed project will be conditional upon compliance with all applicable federal, tribal, state, and local laws, regulations, floodplain standards, permit requirements and conditions.

Sub-Applicant: Town of Mount Pleasant

Project Title: 79774 – Dutch Buffalo Creek Dam repairs; PA-04-NC-4393-PW-01263

Location of Proposed Work:

Facility	Address	Latitude	Longitude	Date of Construction
Dutch Buffalo Creek Water Intake Dam	9470 Meadowood Road Mount Pleasant, NC	35.43265	-80.41870	Approximately 1950

Special Flood Hazard Area Zone:

This project is for repairs to the Dutch Buffalo Creek Water Intake Dam as well as improvements consisting of a new permanent bottom drain using a pipe installed around the end of the dam as well as installation of stone-filled gabions in lieu of rip rap on the northside of the dam. All work is located in an AE Zone (1% Annual Chance Flood Hazard). Confirmation of location in a Special Flood Hazard Area (SFHA) was determined by the Cabarrus County Flood Insurance Rate Map, Panel Number: 3710567100K, dated 11/16/2018. The proposed work conforms to all applicable State of North Carolina and local floodplain regulations. There is a potential for the facility to be impacted by future flooding events due to its location within the AE zone. The proposed work will take place in wetlands per the United States Fish and Wildlife Service National Wetlands Inventory and will have little potential to impact or affect wetland values.

Proposed Work and Purpose:

The Town of Mount Pleasant will construct 140 SY of Temporary Construction Entrance, a Rock Pipe Inlet Sediment Trap, a Concrete Plug at Abutment Leak, and a Concrete Plug at Intake Throat; furnishing and installing 580 LF of Silt Fence, 50 LF of Temporary Impervious Dike, a Temporary

Siphon for Stream Bypass, a 4'x4' Precast Catch Basin, a 16-inch valve with Concrete Collar, a 16-inch Valve, a 16-inch Tee with 8-inch Riser and Cap, 10 feet of 48-inch Precast Manhole with Grate and Frame, 100 SY of Geotextile, 150 TN of AASHTO #57 Stone, and 75 TN of Rip rap;; and replacing 7 CF of Concrete wall, removing 4 Valve Control and Assembly components, and dredging 870 SY of sediment to a maximum anticipated depth of 8 feet. Improvements will consist of a new permanent bottom drain using 87 linear feet of 16-inch Restrained Joint Ductile Iron Pipe installed around the end of the dam as well as installation for 5 cubic yards of stone-filled gabions in lieu of rip rap on the northside of the dam. As such, the useful life of this structure should increase and no adverse impacts to the floodplain should occur.

Project Alternatives:

Alternative #1 (No action): The 'no action' alternative would ultimately result in a negative impact on the Town of Mount Pleasant. If the Water Intake Dam damages are not repaired, then adverse economic and social impacts may occur.

Alternative #2 (Repair in-kind): Repairing the dam components without minimization measures may result in similar damages from future events. If similar damages occur again, it would cause adverse economic and social impacts.

Comment Period:

Comments are solicited from the public; local, state or federal agencies, and other interested parties in order to consider and evaluate the impacts of the proposed project. The comments should be made in writing and addressed to:

FEMA Internal 11988 Reviewer
FEMA Region 4
3005 Chamblee-Tucker Road
Atlanta, Georgia, 30341

Alternatively, comments may be emailed to: FEMA-R4EHP@fema.dhs.gov. Please send comments with the subject line [DR-4393-NC-01263 11988 COMMENT].

All comments are due by no later than 30 days of the posted date of this notice.

POSTED ON: (*November 23, 2021*)

End of Notice