

# FINAL PUBLIC NOTICE

The Town of Jonesville 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 Jonesville

**Project Title:** 180316-Water Intake Pumps & Water Line Repairs; PA-04-NC-4588-PW-00087

**Location of Proposed Work:**

Facility	Address	Latitude	Longitude	Date of Construction
Municipal Water Intake Pumps	339 Shaw Street, Jonesville, NC 28642	36.24008	-80.85851	1960
Municipal Iron Ductile Water Pipe/Line	5003 S. Swaim Street Ext., Jonesville, NC 28642	36.2274	-80.8457	1960

**Special Flood Hazard Area Zone:**

All repairs to the municipal water supply system are located in the Floodway, AE, and Shaded X zone (all repairs within the 0.2% and 1% Annual Chance Flood Hazard). Confirmation of location in a Special Flood Hazard Area (SFHA) for the Municipal Water Pipe/Line was determined by the Yadkin County Effective Flood Insurance Rate Map (FIRM), Panel Number: 3710495000J, dated 05/18/2009; The Municipal Raw Water Intake System (pumping system) was determined by the Yadkin County Effective Flood Insurance Rate Map (FIRM), Panel Number: 3710495100K, dated 08/18/2009. All 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 said flood zones, however, the Municipal Water Pipe/Line has been relocated and reconstructed with a more versatile iron-ductile material and installed upon the roadway shoulder/right-of-way instead of the prior location within the adjacent creek bed. No work on this project has nor will take place in wetlands per the United States Fish and Wildlife Service National Wetlands Inventory and this project will have little potential to impact or affect wetland values.

**Proposed Work and Purpose:**

The Town of Jonesville utilized force account labor and/or contract labor for repairs to a Clean Raw Water Intake Filter system and 60ft long x 6in diameter municipal ductile iron water pipe/line (-36.22752, -80.84580) including relocation of exposed water line to a new location in municipal

street/roadway right-of-way starting at 36.226972, -80.845556 and ending at 36.227750, -80.845889; this included complete abandonment of existing/exposed asbestos cement water line in creek bed at the prior location and install of a new water line at new location. The applicant restored the water line facility to pre-disaster function; 100% work complete; The applicant will utilize contract labor and/or force account labor for repairs to the Raw Water Pump/Filter system (36.24008, -80.85851), including debris and sediment removal from (1) 6ft long x 8ft high x 6in thick primary pump screen on entry to sluice, (4) 30in wide x 8ft high secondary pump screens, and (2) 40hp raw water pumps; as well as repair of (1) 18in x 24in sluice gate valve. The applicant will restore the Clean Raw Water Pump/Filter system to pre-disaster design within existing footprint; 0% work complete. Minimization measures were implemented by relocating the Municipal Water Pipe/Line outside the stream and reconstructing the pipe with a more versatile iron-ductile material upon and along the adjacent roadway shoulder/right-of-way. As such, the useful life of this linear facility should increase and no adverse impacts to the floodplain should occur. Work at both sites is necessary to ensure continuous operation of the water supply system for the Town of Jonesville and both sites are a part of a larger system and depend upon their location to complete the water supply system throughout town.

### **Project Alternatives:**

**Alternative #1** (No action): The 'no action' alternative would ultimately result in a negative impact on the Town of Jonesville Water Supply System. If the municipal water supply line and intake pumps had not been repaired/replaced, then adverse economic and social impacts may occur.

**Alternative #2** (Repair in-kind): Cleaning and repairing the intake pumps in-kind will prevent the system from disruption. This method will ensure continuous operation of the water supply system.

**Alternative #3** (Repair using minimization measures): Repairing the municipal water supply line/pipe by way of relocation and reconstruction is the preferred alternative to repairing the linear facility because relocating the pipe outside the creek and reinforcing the pipe helps maintain the larger water supply network throughout town.

### **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](mailto:FEMA-R4EHP@fema.dhs.gov). Please send comments with the subject line [DR-4588-NC-00087 11988 COMMENT].

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

**POSTED ON: January 12, 2022**

**End of Notice**