

PUBLIC NOTICE

Federal Emergency Management Agency
In accordance with 44 CFR §9.8 for Executive Order 11988
Brick Township Municipal Utilities Authority
Laurel Brook Wastewater Pump Station, Brick, NJ

Notification is hereby given to the public of the intent of the Federal Emergency Management Agency (FEMA) to provide assistance to Brick Township Municipal Utilities Authority (herein, Subrecipient) for the rehabilitation of the Laurel Brook Wastewater Pump Station at 1000 Laurel Brook Drive in Brick Township, Ocean County, New Jersey. The goal of the proposed improvements are to elevate the electrical control equipment and generator and convert the station from drywell/wet well pump station to a submersible pump station. Specifically, the project includes rehabilitation of existing sanitary wet well walls and benches with an approved lining system; replacement of pumps and associated piping, valving and controls; demolition of existing drywell, and associated apparatuses; backfill with granular material of existing drywell void area up to the elevation of the proposed valve chamber; installation a new pre-cast valve chamber including all associated valving; removal of existing building with diesel generator and above-grade diesel storage tank; installation of a new bubbler system; installation of a new trash basket assembly with splash pans; construction of elevated platform and extension of existing wet well walls and new valve chamber to elevation 10.00 (design flood elevation (DFE), greater of the base flood elevation (BFE) plus 2 feet or 500 year storm for critical facility in A-Zone per ASCE-24); installation of new natural gas backup generator on top of the elevated platform elevated above DFE; and modification of the electrical and SCADA control systems to be set on the elevated platform. The proposed improvements will be confined to the footprint of the existing 0.22-acre facility located at the terminus of Laurel Brook Drive. Sewer pump stations are defined as critical facilities since a malfunction of this infrastructure can result in public health and safety issues. The proposed project would be funded by the Federal government through pre-disaster mitigation (PDM) funding available in accordance with the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), 42 U.S.C. 5121 et seq., as amended. The proposed action would promote continued operation of the sewer pump station in the event of an electrical power failure.

The proposed action will not substantially modify the floodplain in which the WWPS is located. The Subrecipient proposes to raise the walls of the existing wet well and new valve chamber and construct steel frame platform to surround the wells. The platform will measure approximately 30 feet by 30 feet, with steel posts to support the aluminum grate platform. The generator will be placed on top of the steel platform. The bottom of the platform, and therefore the generator and critical infrastructure, will be located above the 500-year base flood elevation, thus reducing the potential risk of loss and damage. FEMA funding is available to construct the generator and appurtenant features, including utility connections, on the site of the existing pump station according to codes and standards per the local floodplain ordinance. Constructing the facility includes flood risk reduction measures and the floodplain occupancy is outweighed by the public good that a natural gas generator to ensure continuity of sewer pump station operations in the event of electrical power failure would provide to the community. The proposed project is not anticipated to induce flooding on upstream or downstream properties.

Comments about this project, potential alternatives, and floodplain impacts may be submitted in writing within 15 days of the date of this publication to John McKee, FEMA Environmental Planning and Historic Preservation, Mitigation Division, 26 Federal Plaza, 13th Floor, New York, NY 10278-0002 or via email to FEMAR2COMMENT@fema.dhs.gov. If substantive comments are received, FEMA will evaluate and address the comments as part of the environmental documentation for this project.