Hazard Mitigation Grants

Joint Federal, State, Local Public Notice

The Federal Emergency Management Agency (FEMA) and South Carolina Emergency Management Division (SCEMD) have received an application for Federal grant funding through the Building Resilient Infrastructure and Communities (BRIC) Program. Funding for this grant was made available under Section 203 of the *Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act)*, as amended (Pub. L. No. 93-288) (42 U.S.C. § 5133) implemented by *Hazard Mitigation Assistance: Building Resilient Infrastructure and Communities*. 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.

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 to and to provide public notice of any proposed actions in or affecting floodplains and wetlands. EO 12898 also requires FEMA to provide the opportunity for public participation in the planning process and to consider potential impacts to minority or low-income populations.

Applicant: City of Columbia

Project Title: Resilient Water Supply Project

Project Description:

The City of Columbia is evaluating a proposed water resiliency infrastructure project to develop a new raw water intake facility within the limits of the Congaree River. The proposed project location is west of the existing Columbia Canal Water Works on the eastern bank of the Congaree River (refer to Figure 1). The proposed activities will involve construction, within the normal water limits of the Congaree River, on the adjacent canal embankment, and also include a canal pipe crossing and site piping most near the terminus of Calhoun Street on the east side of the Canal. Additionally, temporary construction facilities and site earthwork will be necessary to allow construction access from Calhoun Street to the proposed structure site in the Congaree River. Activities will occur within the normal water limits, floodplain and floodway. At completion, the intake will draw raw water from the Congaree River to the City of Columbia's raw water reservoir for the purpose of treatment for use as drinking water.

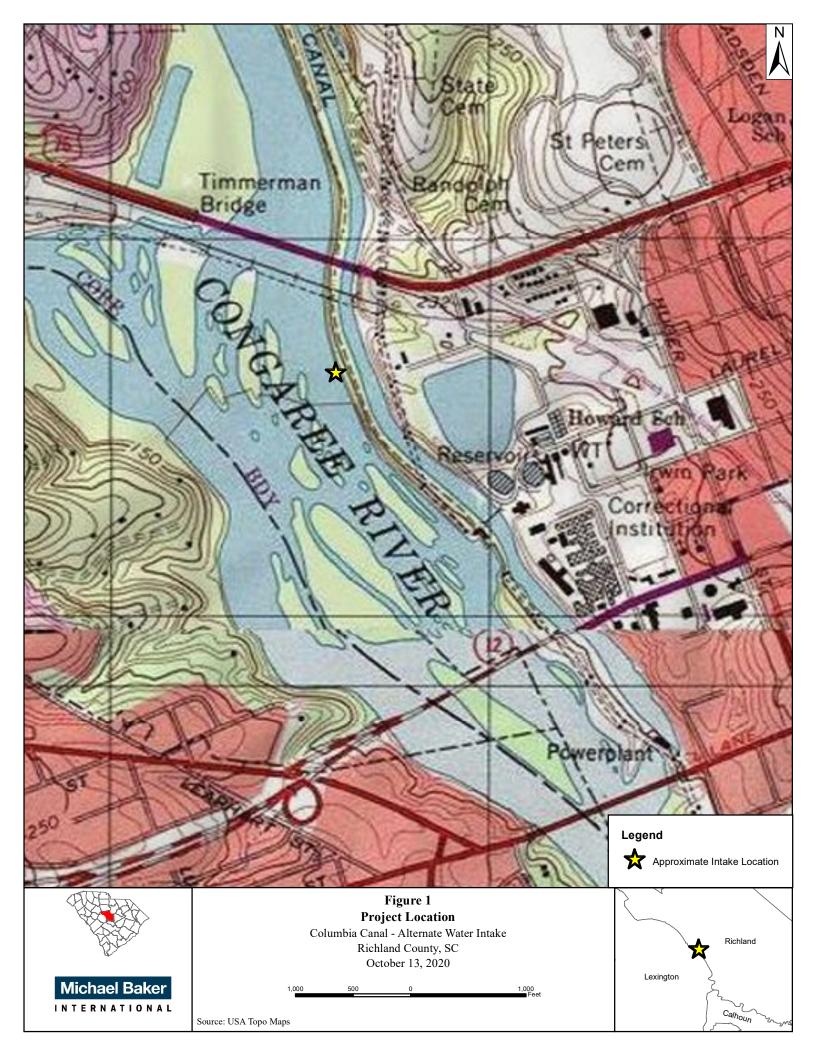
Project Location: Within the limits of the Congaree River adjacent to the existing Canal Water Treatment Plant in Columbia, SC. 34° 00' 23" N, 81°03'30" W

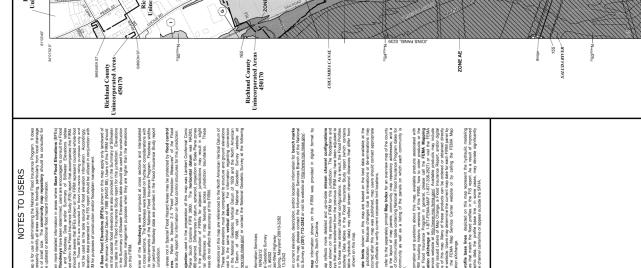
Alternatives Considered: No Action, Alternate Locations in Broad River & Saluda River. Transmission main from Lake Murray.

Comments Period: 15 days

The <u>SUBAPPLICANT</u> will be responsible for facilitating and monitoring the proposed project. Interested persons may direct any comments or questions to Gregory Tucker with the City of Columbia at 803-545-4309 or email at <u>Gregory.tucker@columbiasc.gov</u>. These are due within 15 days of this notice.

Location of project area See Attached Firm Map of the site location: See Attached





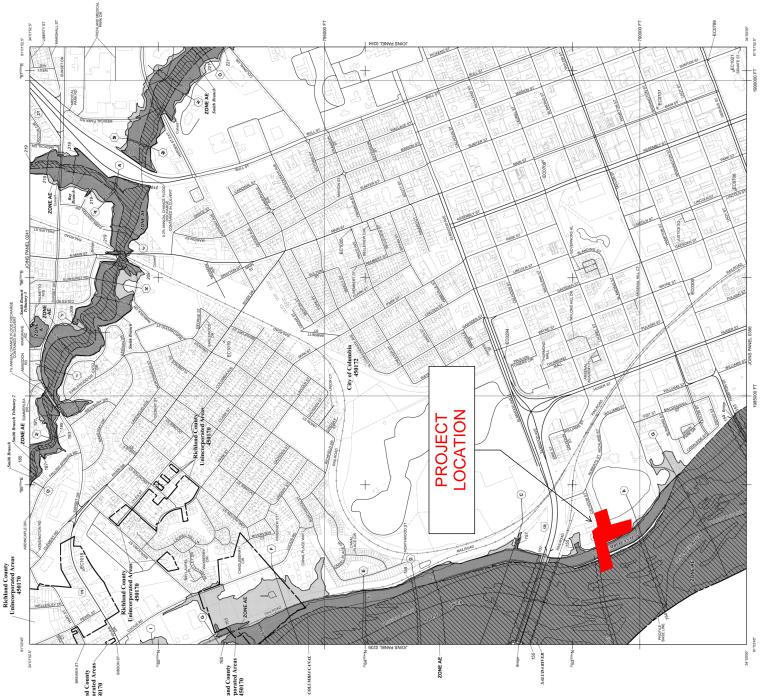


http://www.dnr.state.sc.us/

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Federal Emergency Management



The 1% armust chance flood (100-year flood), also known as the base flood, is the flood 1% shown of basis quadra or exceeded in 1% years, year, year, are subject to flooding by the 1% armust charce flood. Areas of Special Flood Hand A are subject. Alt, Ald, A, A, A), V, and VE. The Base Flood Elevelon is the water-surface effect is the 1% showed charce flood. Areas to be protected from 1% annual chance flood event by a Fec protection system under construction; no Base Flood Elevations determin coundary dividing Special Flood Hazard Area Z coundary dividing Special Flood Hazard Areas of diff throat fluorations, flood diapths, or flood witholites Geographic coordinates referenced to the North Deturn of 1983 (NAD 83), Western Hemisphere FLOOD INSURANCE RATE I RICHLAND COUNTY SOUTH CAROLINA AND INCORPORATED AR (SEE MAP INDEX FOR FIRM PANEL I NUMBER PANEL 450172 0243 450170 0243 Notice to User: The Map Number shown below shou when placing map orden: the Commarky Number at should be used on insurance applications for a MAP NUI 45079CI Casstal flood zone with velocity hazard (wave action); Base Flood determined. Coastal flood zone with velocity hazard (wave action); no Base Flood determined. **METERS** the from the 1% annual ch nty decertified. Zone AR restored to provide protect SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATI 1% ANNUAL CHANCE FLOOD COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain) determined. For areas of alluvial fan flooding, velocities also deter ireas of ponding); Base PANEL 0243L Areas of 0.2% annual chance flood; areas of 1% annual chance depths of less than 1 foot or with drainage areas less than 1 areas protected by levees from 1% annual chance flood. 1,000 1000-meter Universal Thansverse Mercator gr 5000-foot grid values: South Carolina Stat system (#1920ME = 3900), Jambert project Bench mark (see explanation in Notes to U FIRM panel) **PANEL 243 OF 650** ned to be outside the 0.2% annual chanc For community map revision history prior to countywide mapping, refer History table located in the Flood Insurance Study report for this jurisdiction. The floodway is the channel of a stream plus any adjacent floodplain encroachment so that the 1% annual chance flood can be carried w flood healths. OTHERWISE PROTECTED AREAS (OPAs) EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP January 19, 1994 MAP SCALE 1" = 500' 250 500 750 ood Hazard Area formenty protector introl system that was subsequently in flood control system is being rea si chance or greater flood. FIRM CONTAINS: COMMUNITY COLUMBIA CITY OF BICHLAND COUNTY LEGEND atum of 1988 MAP REPOSITORIES to Map Repositories List on December 21, 2017 - to update corporate limits, to change Ba Elevations, to add Special Flood Hazard Areas, to change S map format, to add roads and road name. To environte forther upda DATE(S) OF REVISION(S February 20, 2002 Sectember 29, 2010 FLOODWAY AREAS IN ZONE AE ood Elevatio Base Flood Elevations determined. Flood depths of 1 to 3 feet i determined. Areas determined to be cutsk Areas in which flood hazards. OTHER FLOOD AREAS To determine if flood insurance is available in the National Flood Insurance Program at 1-80 OTHER AREAS MARJOAR EDNARUZNI GOOJF JANOITAK 82 I ি 8 47500mE 6000000 FT DX5510_X 7'07'30'. 32'22'30' EL 987) ZONE A ZONE AE ZONE AO ZONE AH ZONE AR CONE A99 ZONE VE 1111 0 ZONE V ZONE X ZONE D ⎷