

PUBLIC NOTICE

**CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, South Carolina 29403-5107**

REGULATORY DIVISION

Refer to: P/N SAC-2016-00976

July 25, 2017

Pursuant to Section 10 of the Rivers and Harbors Act (33 U.S.C. 403) and Section Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), the proposed Crane Creek Mitigation Bank Prospectus has been submitted to the Department of the Army (Corps) and the South Carolina Interagency Review Team (IRT) by

**Environs
ATTENTION: Mr. Kent Campbell
Post Office Box 896
Madison, Georgia 30650**

for a proposal to establish and operate a stream and wetland mitigation bank that encompasses

Crane Creek

the site is bound by U.S. Highway to the north and east, Interstate 20 to the south, and generally follows S-40-344 (Blueridge Drive) to the west, and is 5 miles north of Columbia, Richland County, South Carolina (Latitude 34.0769°, Longitude -81.0380°), Columbia North U.S. Geological Service Quadrangle sheet.

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the Corps until

30 day from the Date of this Notice,

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed project consists of establishing a freshwater wetland and stream mitigation bank in the Lower Broad River (8-digit Hydrologic Unit Code 03050106) in the Piedmont Ecoregion. The proposed 304-acre mitigation site includes approximately 3,395 linear feet of stream restoration and 2,160 linear feet of stream stabilization of Crane Creek and its tributaries. Further, according to the prospectus, the proposal is to enhance and preserve 120-acres of riparian buffers, enhance/restore 33-acres of wetland, and preserve 44-acres of wetland. The project goals are to enhance, restore, and preserve the flood plain wetlands, along with the tributaries and creek that eventually flow to the Broad River. Once the mitigation work is completed, the bank sponsor proposes to monitor the mitigation site to ensure that the restoration areas are developing as expected and meeting the necessary performance standards. The bank sponsor, using a conservation easement, will protect the mitigation bank site.

NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices>.

According to the Prospectus, the proposed mitigation bank will provide in-kind compensatory mitigation for authorized impacts to aquatic resources located within the Piedmont ecoregion as shown on the attached Service Area Map. The work required to complete the proposed activities on the mitigation site may be authorized under Nationwide Permit #27 after reviews by the Corps, the South Carolina Department of Health and Environmental Control, and the Interagency Review Team.

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards (Section 401 of the Clean Water Act). The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project will not impact estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed mitigation bank actions would not have a substantial adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts is subject to review by and coordination with the NMFS.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the District Engineer has consulted the most recently available information and has determined that the proposed project will have no effect on any federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has also consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(1)(1)), and has initially determined that no historic properties are present; therefore, there will be no effect on historic properties. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and any other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence from the State Historic Preservation Office on this determination.

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within

the Corps-identified permit area.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to approve or deny the proposed mitigation bank will be based on an evaluation of the probable impact including cumulative impacts of the activity. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to approve or deny the proposed mitigation bank. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

**US Army Corps of Engineers
Attention: Regulatory Division
69A Hagood Avenue
Charleston, South Carolina 29403**

The Prospectus for the proposed mitigation bank is available for review by appointment between the hours of 9:00 am and 4:00 pm Monday through Friday at the address listed above. If there are any questions concerning the proposed mitigation bank or the information included in this public notice please contact Dana Gentry by e-mail at dana.k.gentry@usace.army.mil or by telephone at 843-329-8044.



**Crane Creek Mitigation Bank
Richland County Context**

- County Boundary
- Major Highways
- Crane Creek Mitigation Boundary
- Hydrology
- Municipal Areas
- Richland County

0 8 Miles

Source: SC DOT



Crane Creek Mitigation Bank
Richland County
PN Number: SAC-2016-00976



**Crane Creek Mitigation Bank
Site Relief**

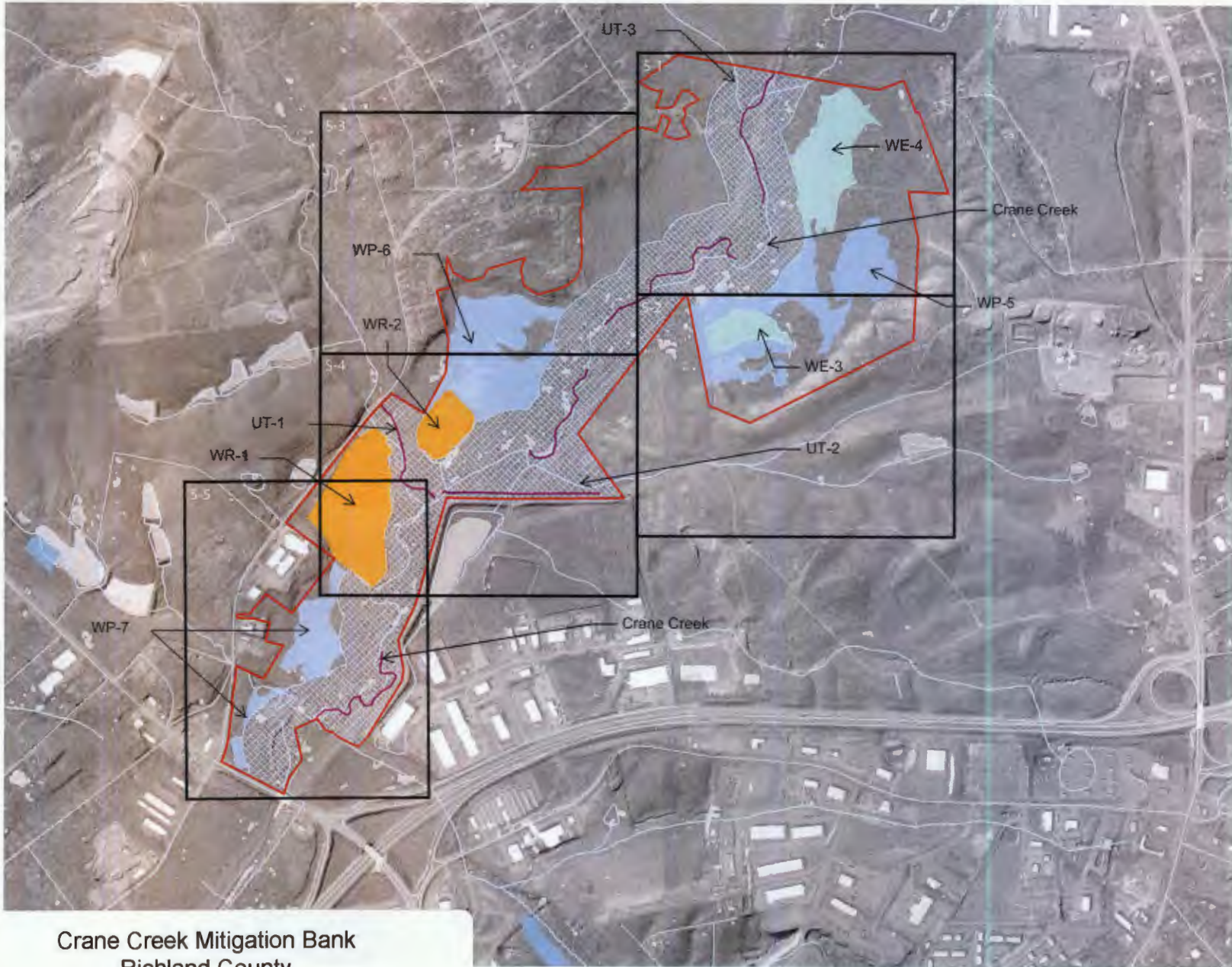
-  Streams
-  Crane Creek Mitigation Boundary



Source: SC DOT, SC DNR LIDAR (2010),
USGS High Resolution Aerial (2015)



Crane Creek Mitigation Bank
Richland County
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Unit #	Mitigation Type/Area	Acres	Linear Feet
1	Wetland Re-habilitation / UT-1 & 2, CC	n/a	3,705
2	Wetland Re-habilitation / CC	n/a	2,140
3	Riparian Buffer / UT-1 & 2, CC	120	12,940
4	Wetland Re-habilitation / WP-1 & 2	17	n/a
5	Wetland Re-habilitation / WP-3 & 4	16	n/a
6	Wetland Preservation / WP-5, 6 & 7	46	n/a

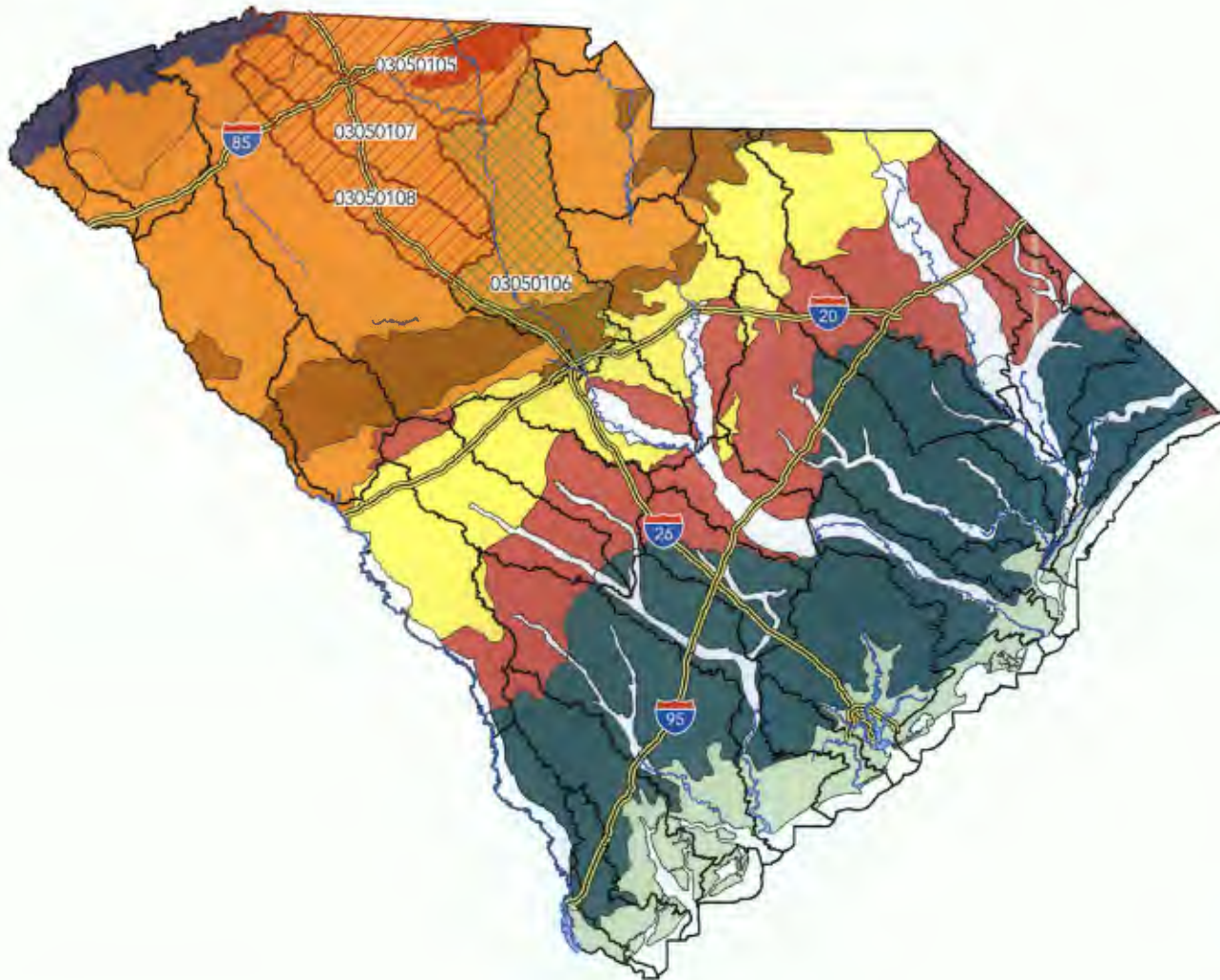
- Crane Creek Mitigation Bank Mitigation Schematic**
- Streams
 - Channel Improvement
 - ▭ Crane Creek Mitigation Boundary
 - ▭ Riparian Buffer
 - ▭ Wetland Preservation
 - ▭ Wetland Re-habilitation
 - ▭ Wetland Vegetation Enhancement



Source: NWI, SC DNR LIDAR (2010), USGS High Resolution Aerial (2015)



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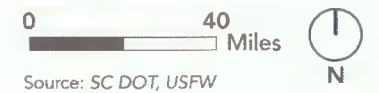


Crane Creek Mitigation Bank
Ecoregions Basemap

- Major Highways
- Major Rivers
- Primary Service Area
- Secondary Service Area

Level IV Ecoregions

- Coastal Plain Flood Plain
- Coastal Marshes
- Carolina Slate Belt
- Carolina Flatwoods
- Sand Hills
- Atlantic Southern Loam Plains
- Blue Ridge
- Piedmont Kings Mountain
- Southern Inner Piedmont
- Southern Outer Piedmont



Source: SC DOT, USFW



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