



US Army Corps
Of Engineers
Wilmington District

PUBLIC NOTICE

Issue Date: November 22, 2005
Comment Deadline: December 8, 2005
Corps Action ID #: 200600087

All interested parties are hereby advised that the Wilmington District, Corps of Engineers (Corps) has received an application for work within jurisdictional waters of the United States. Specific plans and location information are described below and shown on the attached plans. This Public Notice and all attached plans are also available on the Wilmington District Web Site at www.saw.usace.army.mil/wetlands

Applicant: Town of North Topsail Beach
2008 Loggerhead Court
North Topsail Beach, North Carolina 28460

Authority

The Corps will evaluate this application and decide whether to issue, conditionally issue, or deny the proposed work pursuant to applicable procedures of Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899.

Location

The project site is located along the beach strand adjacent to the Atlantic Ocean from the northern Surf City town limits to the New River Inlet, in North Topsail Beach, Onslow County, North Carolina. See attached plans and drawings for specifics.

Existing Site Conditions

North Topsail Beach received severe erosion to the dune system during Hurricane Ophelia. The Town lost approximately 20' to 70' of their protective dunes and there are presently 12 breaches in the dune system. At minimum the Town lost the waterward ½ of the dunes. There is an average erosion escarpment of 13' along the remaining dune system. The existing vegetation on the remaining dunes consists mostly of American Beachgrass (*Ammophila breviligulata*), Sea oats (*Uniola paniculata*), and Bitter panicum (*Panicum amarulum*).

Applicant's Stated Purpose

The Town of North Topsail Beach wants to rebuild the dune system to its original profile prior to Hurricane Ophelia for protection against storm events.

Project Description

The Town of North Topsail Beach is proposing to rebuild dunes in areas where breaches have occurred by trucking in beach compatible sand at an average rate of 12 cubic yards per linear foot and also sifting 2,100 cubic feet of sand in storage that was removed from the roadways after Hurricane Ophelia. The trucked in beach compatible sand will come from Riverside Sand in Wallace, North Carolina. This sand will only be placed above the high tide line. See attached documents for sand analysis. They are proposing to bulldoze sand from mean low water (MLW) landward to the existing erosion escarpments to repair the dune system to its original profile. They propose to restore the dunes to heights ranging from 12' to 15' from the existing level of the dry sand beach with a 2:1 slope.

The project will impact approximately 63 acres of the dry sand beach and the intertidal zone. Of this area, the dry sand beach is approximately 11.6 miles long and averages approximately 20' in width, or approximately 28 acres. The remainder of the 63-acre project area is within the intertidal zone. The beach bulldozing will result in the relocation of approximately 128,900 cubic yards of sand from the unvegetated beach to the dune system.

Other Required Authorizations

This notice and all applicable application materials are being forwarded to the appropriate State agencies for review. The Corps will generally not make a final permit decision until the North Carolina Division of Water Quality (NCDWQ) issues, denies, or waives State certification required by Section 401 of the Clean Water Act (PL 92-500). The receipt of the application and this public notice in the NCDWQ Central Office in Raleigh serves as application to the NCDWQ for certification. A waiver will be deemed to occur if the NCDWQ fails to act on this request for certification within sixty days of the date of the receipt of this notice in the NCDWQ Central Office. Additional information regarding the Clean Water Act certification may be reviewed at the NCDWQ Central Office, 401 Oversight and Express Permits Unit, 2321 Crabtree Boulevard, Raleigh, North Carolina 27604-2260. All persons desiring to make comments regarding the application for certification under Section 401 of the Clean Water Act should do so in writing delivered to the North Carolina Division of Water Quality (NCDWQ), 1650 Mail Service Center, Raleigh, North Carolina 27699-1650 Attention: Ms Cyndi Karoly (all other projects) by December 13, 2005.

The applicant has not provided to the Corps, a certification statement that his/her proposed activity complies with and will be conducted in a manner that is consistent with the approved North Carolina Coastal Zone Management Program. Pursuant to 33 CFR 325.2(b)(2), the Corps can not issue a permit for the proposed work until the applicant submits such a certification to the Corps and the North Carolina Division of Coastal Management (NCDCM), and the NCDCM notifies the Corps that it concurs with the applicant's consistency certification.

Essential Fish Habitat

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The Corps' initial determination

is that the proposed project may adversely impact EFH or associated fisheries managed by the South Atlantic or Mid Atlantic Fishery Management Councils or the National Marine Fisheries Service. These impacts to EFH include destruction of habitat at the fill site, siltation plums, erosion and sedimentation issues, time frame work is performed (fish moratoriums) and water quality issues.

Cultural Resources

The Corps has consulted the latest published version of the National Register of Historic Places and is not aware that any registered properties, or properties listed as being eligible for inclusion therein are located within the project area or will be affected by the proposed work. Presently, unknown archeological, scientific, prehistoric, or historical data may be located within the project area and/or could be affected by the proposed work.

Endangered Species

The Corps has reviewed the project area, examined all information provided by the applicant and consulted the latest North Carolina Natural Heritage Database. Based on available information, the Corps has determined there may be species listed as threatened or endangered or their critical habitat formally designated pursuant to the Endangered Species Act of 1973 (ESA) within the project area. A final determination on the effects of the proposed project will be made upon additional review of the project and completion of any necessary biological assessment and/or consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service.

Evaluation

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal 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 (in accordance with Executive Order 11988), land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving the discharge of dredged or fill materials in waters of the United States, the evaluation of the impact of the activity on the public interest will include application of the Environmental Protection Agency's 404(b)(1) guidelines.

Commenting Information

The Corps 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 proposed activity. Any comments received will be considered by the Corps to determine

whether to issue, modify, condition or deny a permit for this proposal. 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 (EA) and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing shall be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

Written comments pertinent to the proposed work, as outlined above, will be received by the Corps of Engineers, Wilmington District, until 5pm, December 8, 2005. Comments should be submitted to Henry Wicker, Project Manager for this project.

RECEIVED

NOV 18 2005

REGULATORY
DIVISION

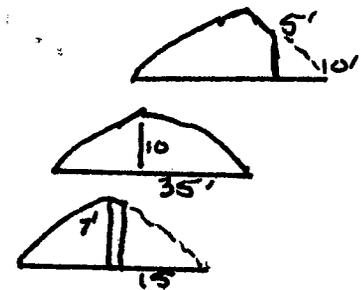
PROPOSED AREAS OF BULLDOZING
AND PLACING BEACH COMPATIBLE SAND

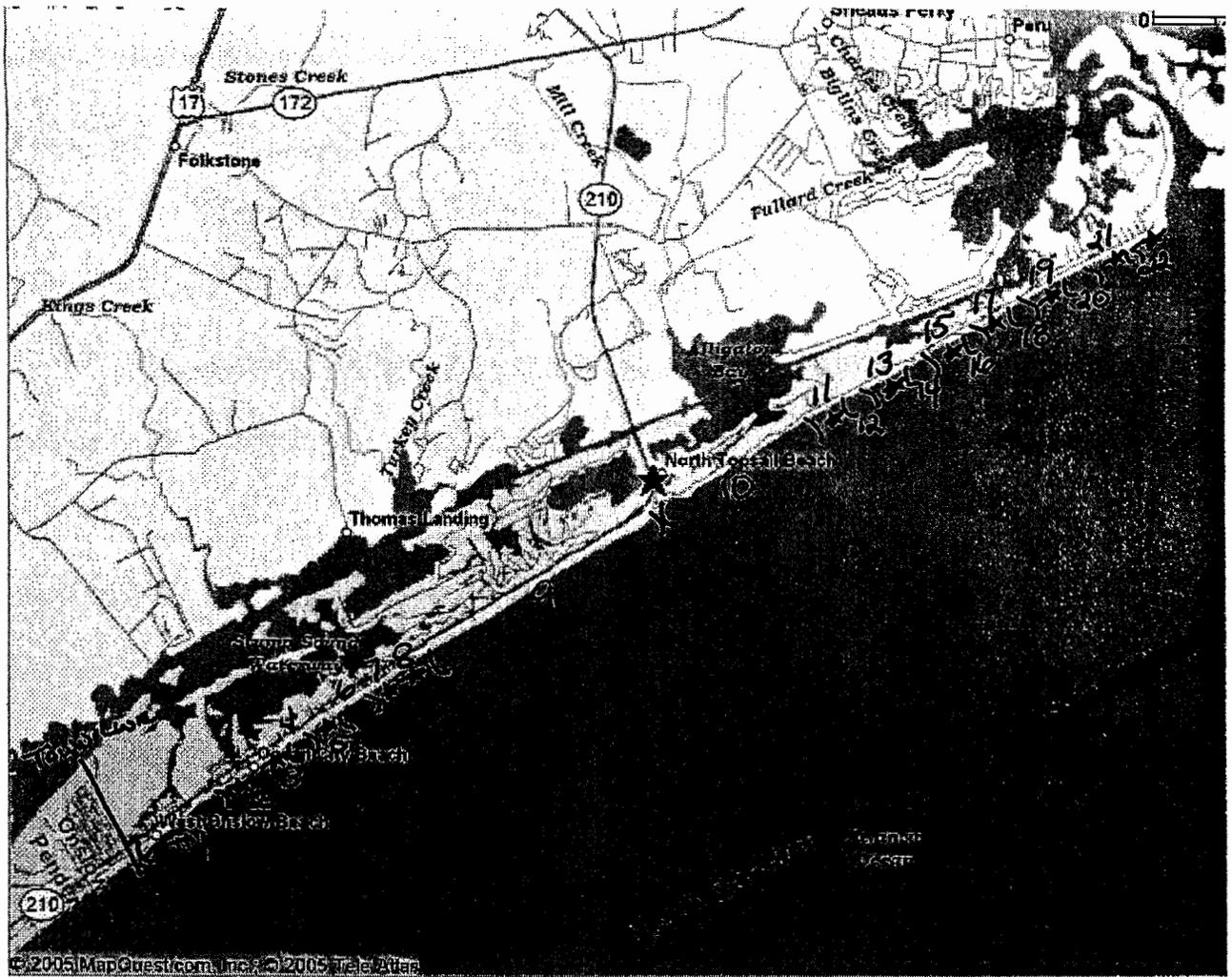
- Sand Hauled into Breach Areas - Star
- Dune Bulldozing - ()
- Breached Areas will be filled: - 10' x 30'
- Dune Pushing will correct erosion - Ranges:
5' x 15'
7' x 20'
10' x 20'

Areas numbered for reference:

- # 1 - Pushing 7' to 10' in height and 15' wide
- # 2 - Breach area 10' in height and 40' wide
- # 3 - Pushing 5' to 7' in height and 15' wide
- # 4 - Pushing 5' to 7' in height and 15' wide
- # 5 - Breach area 7' in height and 35' wide
- # 6 - Pushing area 5' to 7' in height and 15' wide
- # 7 - Breach area 7' in height and 35" wide
- # 8 - Breach area 10' in height and 35' wide
- # 9 - Pushing 5' to 10' in height and 15' wide
- #10 - Pushing 5' to 10' in height and 15' to 20' wide
- #11 - Breach area 7' in height and 35' wide
- #12 - Pushing 5' to 10" in height and 10' to 15' wide
- #13 - Breach area 10' in height and 35' wide
- #14 - Pushing 10' in height and 20' wide
- #15 - Breach area 10' in height and 35' wide
- #16 - Pushing 10' in height and 20' wide
- #17 - Breach area 10' in height and 35' wide
- #18 - Pushing area 5' to 7' in height to 15' wide
- #19 - Breach Area 10' in height and 35' wide
- #20 - Pushing 10' in height and 20' wide
- #21 - Breach Area 10' height and 20' wide
- #22 - Breach area 7' in height and 30' wide

CROSS SECTIONS





NOV. 10. 2005 9:29AM SURF CITY TOWN HALL
 PETER D. McDOUNELL SR. P.E. 12813

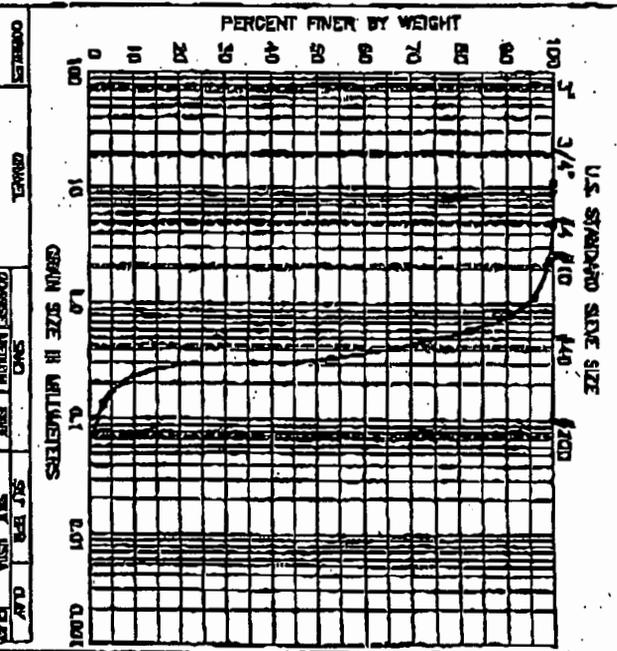
NO. 876 P. 2
 Oct. 21 2005 09:54 AM
RECEIVED
 DCM WILMINGTON, NC

OCT 21 2005

LABORATORY SIEVE ANALYSIS

STANDARD U.S. SIEVE SIZE	ACCUM. % PASSING	SPECIFICATIONS
		0-33 CONCRETE SAND
		0-144 MASONRY SAND
1/2"	100.0	100.0
3/8"	100.0	100.0
#4	100.0	95-100
#8	99.4	80-100
#16	96.5	50-85
#30	82.2	25-60
#50	36.6	10-30
#100	3.3	2-10
#200	0.3	0-5
F.M.	1.82	2.3-5.1

PETER D. McDOUNELL, SR. P.E. 12813



SOURCE OF MATERIAL: AT PLANT

SAMPLE No.	DEPTH	CLASSIFICATION	G	U	F
7276	SAND				

CONTRACTORS & ENGINEERS SERVICES, INC.
 PLANT MIX
 RIVERSIDE SAND CO.
 GOLDSBORO, N.C.

CONTRACT No.:
 DATE: 10/9/03

GRADATION REPORT