



SUMMARY  
DEPARTMENT OF ARMY PERMIT  
Application No. 9563 by  
Nueces County Navigation District No. 1  
To Construct A Deep Water Port  
At Harbor Island, Texas In Nueces County, Texas

(X) Draft ( ) Final Environmental Statement

Responsible Office: U.S. Army Engineer District, Galveston  
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1. Name of Action: (X) Administrative ( ) Legislative

2. Description of Action: Nueces County Navigation District No. 1 proposes to develop a multi-purpose deep-draft inshore port at Harbor Island, Texas. The proposed work covered by the application represents Phase I of a three phase development plan. The proposed work includes deepening the Corpus Christi Ship Channel, enlarging and deepening the inner basin to form a turning basin, redredging, deepening, and enlarging an existing slip and a docking basin, relocating the tributary channel to Aransas Pass, constructing three oil terminal docks, and filling both emergent and submergent areas to permit the construction of ancillary onshore facilities necessary to tranship crude oil. The approach channel would be dredged to a depth of 80 feet below mlt for a distance of 10.59 nautical miles beyond the sea-ward end of the north jetty (-80 foot contour line). The jetty channel, 1.548 nautical miles in length, would be dredged to a depth of 76 feet. A 2,300 foot diameter turning basin would be dredged to a depth of 73 feet, and the docking basin 1,200 feet wide and 5,570 feet in length would be dredged to a depth of 76 feet. Approximately 98,000,000 cubic yards of sand and clay would be removed by hopper and pipeline dredges. About 60.8 million cubic yards would be removed with hopper dredges and placed in two offshore areas. The remainder of the material would be removed by pipeline dredges and placed within leveed areas having controlled spillways on Harbor Island and the immediate adjacent bay area, on San Jose (St Joseph) Island and on Mustang Island. The North Jetty and the channel to Aransas Pass would be relocated. Two docks would be constructed along the south basin line on 1,900 foot

centers to accommodate ships ranging in size from 275,000 DWT to 500,000 DWT. Phase II and III of the overall plan will be subject to separate applications and public notices at some time in the future. Phases II and III would cover work from Harbor Island to the end of the existing Federally constructed channel at La Quinta and westward extension west of Ingleside, Texas.

3. a. Environmental Impacts.: The project would provide for unrestricted and safe use of low cost marine transportation, allow more efficient use of deep-draft vessels, and upgrade the well-being of the inhabitants and workers within the general project area (South Texas) through expansion of commerce and increased employment opportunities other than at the transshipment terminal on Harbor Island.

b. The project would result in adverse effects on the natural environment. These adverse impacts include the loss of 3,077 acres of wetlands of varying degrees of productivity, temporary removal of benthic life in the portion of the channel not now part of the Federal project and in the disposal areas, disruption of wildlife habitat and increased turbidity during construction.

4. Alternatives: The Corps of Engineers may only deny, grant or grant with conditions, the application before it. Project alternatives considered include those available to the Nueces County Navigation District No. 1 (the applicant), namely, offshore facilities such as single point mooring systems, sea islands, or piers offshore; alternate channel dimensions and configuration; alternate methods of construction; and no action.

5. Comments Requested:

Environmental Protection Agency  
Department of Energy  
Department of State  
Department of Commerce  
Department of Housing and Urban Development  
U.S. Department of Agriculture  
Department of the Interior  
Department of Health, Education, and Welfare  
Advisory Council on Historic Preservation  
The National Wildlife Federation  
Department of Transportation  
Eighth Coast Guard District

State of Texas, Budget and Planning Office  
Coastal Bend Council of Governments  
City of Port Aransas  
City of Corpus Christi  
City of Portland  
City of Rockport  
Texas Historical Commission  
County Judge, Nueces County  
Nueces County Navigation District No. 1  
Sierra Club of Corpus Christi  
Welder Wildlife Foundation  
Sportsman's Club of Texas, Inc.  
Water Resources Congress  
League of Women Voters  
Corpus Christi Chamber of Commerce  
National Audubon Society  
Corpus Christi Outdoor Club  
Aransas-Corpus Christi Pilots  
Coastal Bend Conservation Association, Inc.  
Citizens for Estuarine Planning  
Mayor of Aransas Pass  
Mayor of Ingleside  
County Judge, San Patricio County  
Coastal Bend Council of Governments  
South Texas Chamber of Commerce  
Rockport Conservation Association Inc.  
Citizens for Coastal Bend Progress  
County Judge, Aransas County  
The Coalition on American Rivers  
Texas Committee on Natural Resources  
Chamber of Commerce (Port Aransas Area)  
M. H. Kuhn  
Steve Rabalais

6. Draft Statement to EPA 31 July 1978  
Final Statement to EPA                     .