

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107  
and  
**THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
Office of Ocean and Coastal Resource Management  
1362 McMillan Avenue, Suite 400  
Charleston, South Carolina 29405

REGULATORY DIVISION  
Refer to: P/N SAC-2018-01734

March 22, 2019

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**Mr. Roger Warren**  
**Kiawah Island Resort**  
**c/o Mr. Steven Traynum**  
**Coastal Science and Engineering**  
**One Sanctuary Beach Drive**  
**Kiawah Island, South Carolina 29455**

for a permit to place fill material below the Spring High Tide Line to restore and enhance the existing dune system at the Ocean Course Driving Range in

**the Atlantic Ocean**

at a location described as 1000 Ocean Course Drive on Kiawah Island, Charleston County, South Carolina (Latitude: 32.6112 °N, Longitude: -80.0197 °W), Kiawah Island Quad 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

**15 Days from the Date of this Notice,**

and **SCDHEC** will receive written statements regarding the proposed work until

**30 Days from the Date of this Notice**

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

The proposed work consists of placing fill material below the Spring High Tide Line to restore and enhance the existing dune system at the Ocean Course Driving Range. In detail, the

applicant proposes to conduct dune restoration along 1,600 linear feet of beach along the Ocean Course Driving Range by placing no more than 1,000 cubic yards of fill material below the Spring High Tide Line. The proposed work would involve realigning the existing dune built as emergency repair following Hurricane Irma. The existing dune would be relocated no more than 50 feet seaward, to the apex of the current arc as shown on the attached drawings. Dune vegetation and sand fencing would be installed to promote additional dune growth and stabilization. The applicant would bring beach compatible sand from an upland source, so no equipment will be on the beach outside of the immediate project area. The applicant has not proposed to mitigate for impacts to wetlands and/or waters of the United States. The project purpose, as stated by the applicant, is to eliminate encroachment of the emergency dune into the Ocean Course driving range, to create a more linear dune feature extending along the Ocean Course, and to provide a greater protective buffer from future storm/erosion events.

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

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. The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. 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 would impact 1.0 acre of 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 action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer has determined, based on the most recently available information that the project is not likely to adversely affect the American wood stork (*Mycteria americana*), piping plover (*Charadrius melodus*), red knot (*Calidris canutus rufa*), seabeach amaranth (*Amaranthus pumilus*), Green sea turtle (*Chelonia mydas*), Kemp's Ridley sea turtle (*Lepidochelys kempi*), leatherback sea turtle (*Dermochelys coriacea*), and the loggerhead sea turtle (*Caretta caretta*), Federally endangered and/or threatened species. The District Engineer has also determined that the project will not 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 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 within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

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 issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. 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 project must be balanced against its reasonably foreseeable detriments. 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. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

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 activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. 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.

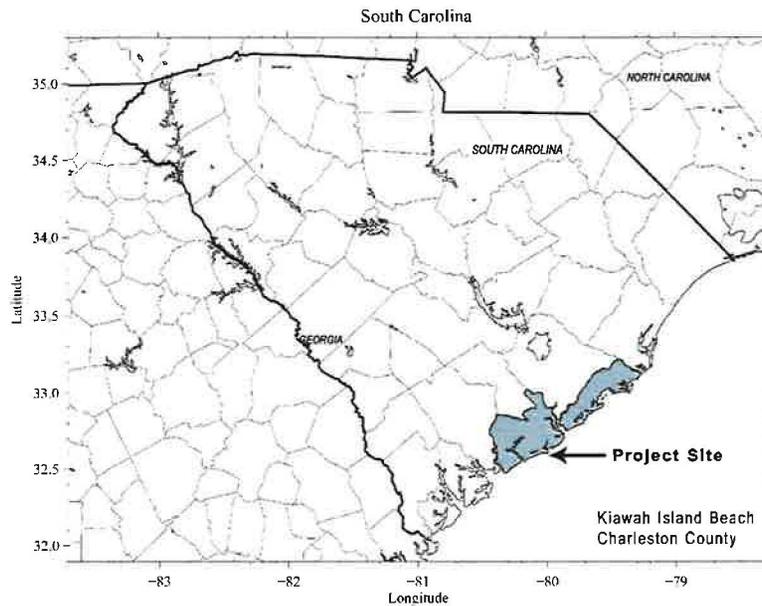
**Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

**U.S. Army Corps of Engineers  
ATTN: REGULATORY DIVISION  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107**

If there are any questions concerning this public notice, please contact Courtney M. Stevens, Project Manager, at (843) 329-8027 or toll free at 1-866-329-8187.

# Ocean Course Dune Project

## Kiawah Island - Charleston County, South Carolina



Applicant:  
**KIAWAH ISLAND RESORT**  
 One Sanctuary Beach Drive  
 Kiawah Island, SC 29455



Agent:  
**Coastal Science & Engineering**  
 PO Box 8056  
 Columbia, SC 29202

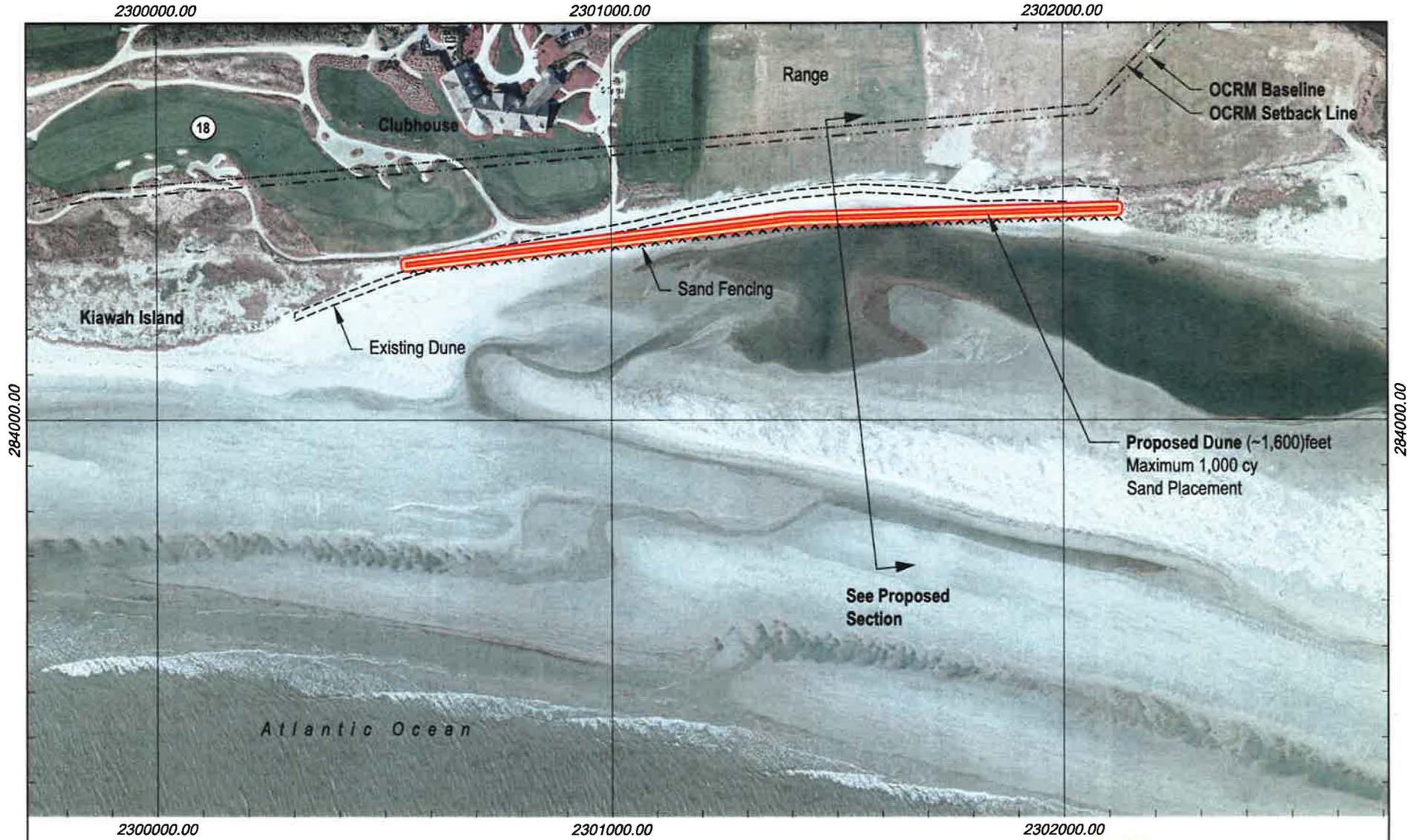
### DIRECTIONS FROM SC HWY 17:

Take Highway 17 south from Charleston to Bohicket Road. Turn left, go ~20 miles to Kiawah Island Parkway (at the circle). Take Kiawah Island Parkway to main gate. Proceed through gate on Kiawah Island Parkway ~2.5 miles. Pass through second gate then turn immediately right onto Governors Drive and proceed ~4 miles to merge with Ocean Course Drive. Proceed on Ocean Course Drive to clubhouse entrance. Project is along the oceanfront, starting approximately 1,400 feet East of the Ocean Course Club House.

### Project Site Coordinates

Latitude: 32° 36' 28" N  
 Longitude: 80° 00' 50" W





**Survey Datum:**  
 Horizontal: SPCS NAD '83 (Feet) SC Zone 3900  
 Photo: 2 March 2018 (Town of Kiawah Island)

**APPLICANT:**  
 Kiawah Island Golf Resort  
 One Sanctuary Beach Dr  
 Kiawah Island, SC 29455

**AGENT:**  
 Coastal Science & Engineering  
 PO Box 8056  
 Columbia, SC 29202

**DRAWING TITLE:**  
 Proposed Dune Plan  
 Kiawah Ocean Course

SOUTH CAROLINA  
 LICENSED PROFESSIONAL ENGINEER  
 No. 24727  
 Date: 26 Sep 2018  
 Permit #  
 Project # 2489

0 300  
 Scale (Feet)

Scale: As Shown  
 Sheet #  
**01**

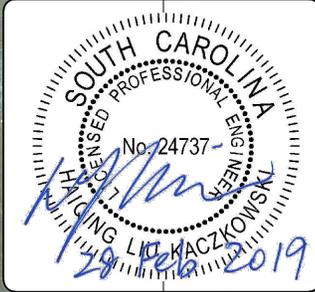
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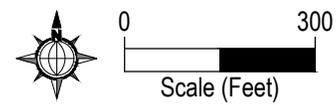
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**Survey Datum:**  
 Horizontal: SPCS NAD '83 (Feet) SC Zone 3900  
 Photo: 2 March 2018 (Town of Kiawah Island)



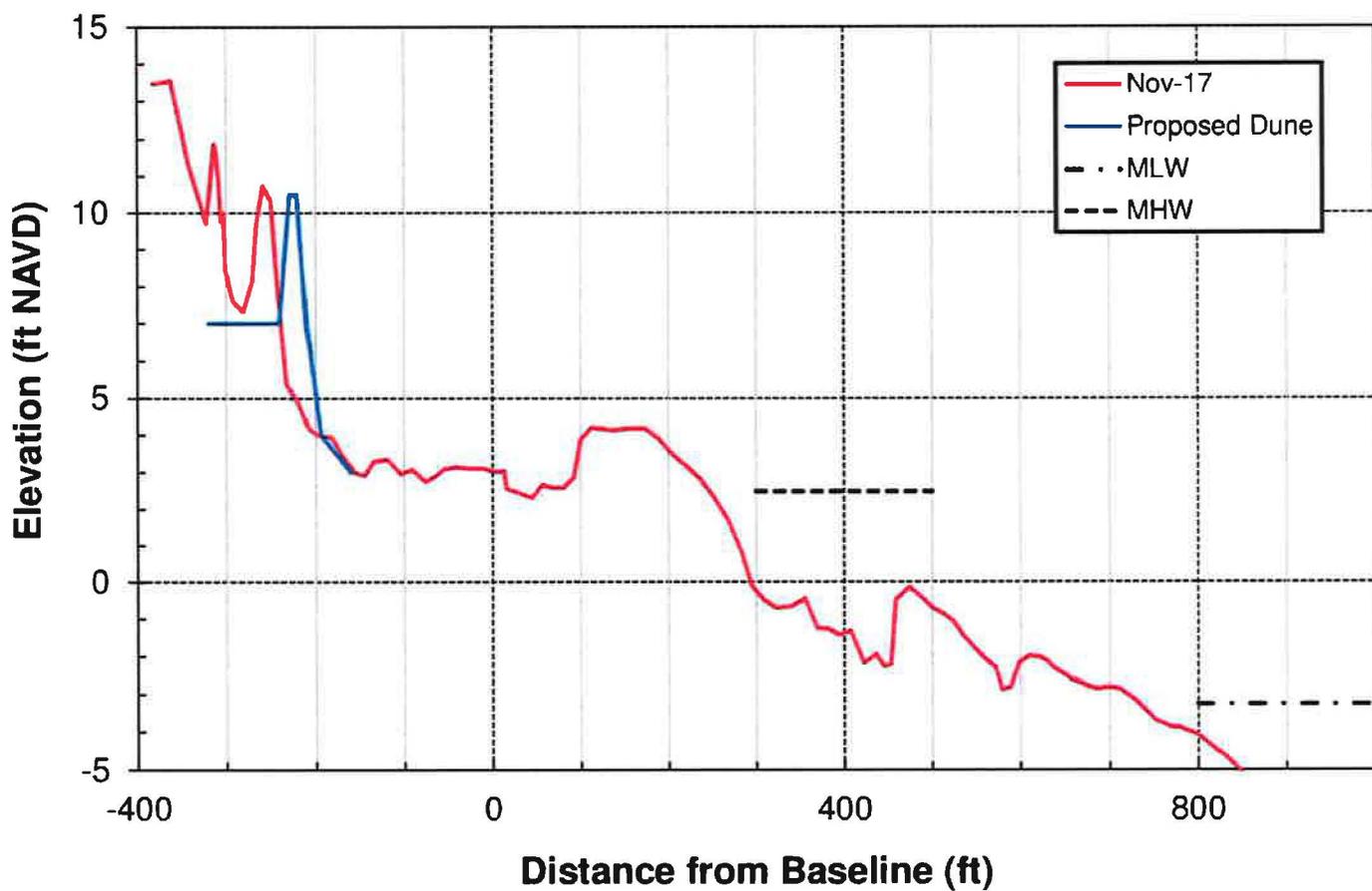
**APPLICANT:**  
 Kiawah Island Golf Resort  
 One Sanctuary Beach Dr  
 Kiawah Island, SC 29455

**AGENT:**  
 Coastal Science & Engineering  
 PO Box 8056  
 Columbia, SC 29202

**DRAWING TITLE:**  
**Proposed Dune Plan**  
 Kiawah Ocean Course

Scale:	As Shown	Sheet #
Date:	28 Feb 2019	<b>01</b>
Permit #		
Project #	2489	

### Ocean Course Dune



**APPLICANT:**  
 Kiawah Island Golf Resort  
 One Sanctuary Beach Dr  
 Kiawah Island, SC 29455

**AGENT:**  
 Coastal Science & Engineering  
 PO Box 8056  
 Columbia, SC 29202

**DRAWING TITLE:**  
 Proposed Dune Section



Scale: As Shown  
 Date: 27 Sep 2018  
 Permit #  
 Project # 2489

Sheet #  
**02**