

DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM¹
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): September 28, 2017

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: SAC-2017-01355 Sago Plantation Phase 2A JD

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: South Carolina County/parish/borough: **Horry County** City: **Myrtle Beach**
Center coordinates of site (lat/long in degree decimal format): Lat. **33.7463 °**, Long. **-78.9689 °**
Universal Transverse Mercator:

Name of nearest waterbody: **Cross Swamp**

Name of watershed or Hydrologic Unit Code (HUC): **03040206-09 / Waccamaw HUC.**

- Check if map/diagram of review area is available upon request.
- Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

- Office (Desk) Determination. Date:
- Field Determination. Date(s):
September 5, 2017

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There are **no** "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There are **no** "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

SECTION III: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: **The site in question is shown on the enclosed map entitled "Wetland Determination/Delineation / Sago Plantation Phase 2-A / Conway Township, / Horry County, South Carolina / Tax Map Number 162-00-01-091 (Partial)" and dated September 8, 2017 prepared by The Brigman Company.**
- Data sheets prepared/submitted by or on behalf of the applicant/consultant.
- Office concurs with data sheets/delineation report
- Office does not concur with data sheets/delineation report.
- Data sheets prepared by the Corps: **USACE personnel after the site audit.**
- U.S. Geological Survey Hydrologic Atlas:
- USGS NHD data.
- USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: **USGS Topographic maps / Myrtle Beach Quad / depicts a forested area with no wetland symbology.**
- USDA Natural Resources Conservation Service Soil Survey. Citation: **Horry County Soil Survey / pg 77 / depicts Leon & Pocomoke soils which are both hydric soils.**
- National wetlands inventory map(s). Cite name: **Horry County NWI data / depicts U42P (uplands) and PFO1/4B (palustrine wetlands) / wetlands were not observed within the project boundary during the audit.**
- State/Local wetland inventory map(s):
- FEMA/FIRM maps:
- 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): **2016 Google Earth / 2006 SCDNR infrared imagery.**
- or Other (Name & Date): **Site visit photos supplied by the agent from the initial site visit. Additional photos and key from USACE site audit (September 5, 2017)**
- Previous determination(s). File no. and date of response letter: **On March 21, 2005 a previous JD SAC-81-2000-1028 was extended for a period of 5 years. This JD covered 292.899 acres of land which would eventually become Sago Plantation Phase 1 & 2.**
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
- Other information (please specify):

B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE

¹ This form is for use only in recording approved JDs involving dry land. It extracts the relevant elements of the longer approved JD form in use since 2007 for aquatic areas and adds no new fields.

REVIEW AREA ONLY INCLUDES DRY LAND: Area in review contains approximately 8.70 acres and was determined to be void of any Waters of the United States.

General Site conditions during the site visit: Recent clearing and grading in preparation for development was observed during the site visit. Fill material had been deposited or pushed up south of and adjacent to Sago Palm Drive, leaving nearly all the site void of vegetation communities. Additionally, on March 13, 2015 this project area was reviewed by Corps personnel as part of a larger JD for Sago Plantation (SAC-2015-00123) and determined to be uplands at that time. The JD associated with SAC-2015-00123 was eventually withdrawn from the applicant.

Non-hydric Soils: All soil samples consisted of greater than 30% uncoated sand grains (test pit 2) or high chroma coarse sand (test pit 4), and lacked hydric soils. The uplands located within the project are situated on a slightly higher geomorphic position on the north side of the tract, sloping away toward the south. Fill material had also been deposited north of the existing pond. Soils samples taken below the recently deposited fill material indicated non-hydric soils (>30% uncoated sand grains) within the relic A layer. All indicators onsite point to an upland site adjacent to an existing residential development.

Vegetation community: The vegetation community was disturbed or removed by recent construction activities, however regeneration in some areas allowed for observation of pre-disturbance communities. Additionally, the availability of adjacent / off-site areas with vegetation communities intact were used as a reference to confirm the vegetation communities that were not visible or in early stages of regeneration and determined to be facultative.

Hydrology / Climate conditions during the site visit: Hydrology was observed as saturation at the surface, saturation in the soil profile capillary fringe and free standing water. Recent rainfall data recorded by the SCDNR climatology office indicate the site to be approximately 0.1" above normal for the week of September 4-10 (2017). Recent rainfall events created multiple areas of inundation throughout the site.

This site was assessed on a single basis form.