

**DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM<sup>1</sup>**  
**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): April 8, 2019**

**B. DISTRICT OFFICE, FILE NAME, AND NUMBER: CESAC-RDE; Richburg Mobile Home Replacement; SAC-2019-00503;**

**C. PROJECT LOCATION AND BACKGROUND INFORMATION:**

State: **South Carolina** County/parish/borough: **Horry County** City: **Loris**

Center coordinates of site (lat/long in degree decimal format): Lat. **34.1031** °, Long. **-78.9718** °

Universal Transverse Mercator: **17 N Easting 6870 Northing 3775**

Name of nearest waterbody: **Seed Tick Branch (~690 feet northwest of project boundary)**

Name of watershed or Hydrologic Unit Code (HUC): **03040204-06 (Lake Swamp – Little Pee Dee River)**

- 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: **April 3, 2019**

Field Determination. Date(s):

**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: **Project maps and site photographs provided by Horne, LLP. Project map titled: “Location Map / SC-HM16-05289 / 3300 Mount Zion Rd / Loris, SC 29569”, dated: March 20, 2019.**
- 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:
- U.S. Geological Survey Hydrologic Atlas: **03040204-06 (Lake Swamp – Little Pee Dee River)**
- USGS NHD data.
- USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: The Loris quadrangle USGS topographic map depicts the site as forested with no aquatic resources, blue line features, or wetland symbology within the project site.
- USDA Natural Resources Conservation Service Soil Survey. Citation: Horry County soil survey, pg. 14, depicts two hydric soils within the project site, including Goldsboro loamy fine sand (GoA) and Woodington fine sandy loam (Wo).
- National wetlands inventory map(s). Cite name: National Wetland Inventory (NWI) maps depict the site as seasonally saturated evergreen palustrine forested wetlands (PFO4B).
- State/Local wetland inventory map(s): Horry County wetland inventory maps depict the site in its entirety as upland planted pine (U42P).
- FEMA/FIRM maps:
- 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
- Photographs:  Aerial (Name & Date): Google Earth aerials 2007-2017; SC DNR 2006; Horry 1999 Aerial Index 11222:155;
- Other (Name & Date): Site pictures provided by Horne, LLP.; Google Street-view 2013;
- Previous determination(s). File no. and date of response letter:
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
- Other information (please specify): LiDAR Digital Elevation Model (DEM) aerial imagery depicts no significant elevation changes, ditching, or other features indicative of aquatic resources within the project site. Aerial imagery (dated 1999-2017) and Google Street-

<sup>1</sup> 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.

view (dated June 2013) do not show any roadside ditching or other potential aquatic resources within the project area. Additionally, aerial imagery depicts the site as being developed sometime from 2013 – 2014 with the addition of a mobile home and the clear cutting of all trees in the immediate vicinity of the domicile. Reviewing more recent aerial images, dated 2016-2017, it appears that the project area (the domicile and a small area of land immediately adjacent and abutting the domicile) have been maintained as a residence with a residential lawn.

**B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND:**

This 0.10 acre project site is located within a previously developed residential lot, circa 2013-2014 per Google Earth aerials, at 3300 Mount Zion Road, in the Town of Loris, Horry County, South Carolina. The project site currently houses a home and a small section of uplands around the domicile. Aerial imagery dated 1999-2017, Google Street-view dated 2013, LiDAR aerial imagery, topographic maps, and recent site photos support that this project site is an upland residential lot with no aquatic resources within the project boundaries.

The Loris quadrangle USGS topographic map depicts the site as forested with no aquatic resources, blue line features, or wetland symbology within the project site. Horry County soil survey, pg. 14, depicts two hydric soils within the project site, including Goldsboro loamy fine sand (GoA) and Woodington fine sandy loam (Wo). National Wetland Inventory (NWI) maps depict the site as seasonally saturated evergreen palustrine forested wetlands (PFO4B). Horry County wetland inventory maps depict the site in its entirety as upland planted pine (U42P). LiDAR Digital Elevation Model (DEM) aerial imagery depicts no significant elevation changes, ditching, or other features indicative of aquatic resources within the project site. Aerial imagery (dated 1999-2017) and Google Street-view (dated June 2013) do not show any roadside ditching or other potential aquatic resources within the project area. Additionally, aerial imagery depicts the site as being developed sometime from 2013 – 2014 with the addition of a mobile home and the clear cutting of all trees in the immediate vicinity of the domicile. Reviewing more recent aerial images, dated 2016-2017, it appears that the project area (the domicile and a small area of land immediately adjacent and abutting the domicile) have been maintained as a residence with a residential lawn.

This 0.10 acre project site contains 0 acres/linear feet of jurisdictional resources. This site was assessed per the provided project area maps and on a single-basis form.