

**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): February 21, 2019**

**B. DISTRICT OFFICE, FILE NAME, AND NUMBER: CESAC-RDE; Elizabeth Green Single-Family Home Reconstruction; SAC-2019-00124**

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

State: **South Carolina** County/parish/borough: **Marion County** City: **Marion**  
Center coordinates of site (lat/long in degree decimal format): Lat. **34.1745 °**, Long. **-79.4321 °**  
Universal Transverse Mercator: **17S 644439 3783742**

Name of nearest waterbody: No aquatic resources on-site.

Name of watershed or Hydrologic Unit Code (HUC): 03040201-11 (Catfish Creek)

- 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: **February 19, 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 area map provided by Horne, LLP, on behalf of the South Carolina Disaster Recovery Office Housing Recovery Program, titled: "**Location Map** / SC-HM16-08349 / 130 Greenville Ct / Marion, SC 29571 / 34.174615, -79.432167", and dated October 31, 2018.
- 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: 03040201-11 (Catfish Creek)  
 USGS NHD data.  
 USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: The Marion quadrangle USGS topographic map depicts the site as non-forested with no aquatic resources, blue line features, or wetland symbology within the project site.
- USDA Natural Resources Conservation Service Soil Survey. Citation: Marion County soil survey shows one soil type within the project site, Smithboro silt loam (Sm). Smithboro silt loam is listed on the 2016 South Carolina Hydric Soils list as hydric for Marion County.
- National wetlands inventory map(s). Cite name: NWI maps depict about half of the 0.2 acre site as cropland / pasture (U21) and the other half as temporarily flooded broad-leaved palustrine forested wetlands that have been partially drained / ditched (PFO1Ad).
- State/Local wetland inventory map(s):
- FEMA/FIRM maps:  
 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- Photographs:  Aerial (Name & Date): Marion 1999 Aerial Index 11226:15; Google Earth 2005-2017; SC DNR 2006  
  Other (Name & Date): Site pictures provided by Horne, LLP.
- 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.

<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.

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

This 0.20 acre project site is located within a previously developed residential lot that currently houses a mobile home and a small section of uplands around the domicile. Aerial imagery from 2005-2017, LiDAR aerial imagery, and recent site photos support that this project site is a non-forested upland residential lot with no aquatic resources within the project boundaries.

The Marion quadrangle USGS topographic map depicts the site as non-forested with no aquatic resources, blue line features, or wetland symbology within the project site. Marion County soil survey shows one soil type within the project site, Smithboro silt loam (Sm). Smithboro silt loam is listed on the 2016 South Carolina Hydric Soils list as hydric for Marion County. NWI maps depict about half of the 0.2 acre site as cropland / pasture (U21) and the other half as temporarily flooded broad-leaved palustrine forested wetlands that have been partially drained / ditched (PFO1Ad). However, it should be noted the site in its entirety is on a residential lot that has been cleared. LiDAR Digital Elevation Model (DEM) aerial imagery depicts no significant elevation changes, ditching, or other features indicative of aquatic resources within the project site.

This 0.20 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.