

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): July 18, 2017

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Freese and Nichols, Chase Well Field, SWG-2017-00452

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Texas County/parish/borough: Bee City: Beeville

Center coordinates of site (lat/long in degree decimal format): Lat. 28.36705° N, Long. 97.65264° W

Universal Transverse Mercator: UTM Zone 14N (Meters): Easting 632031; Northing 3138601

Name of nearest waterbody: Spring Creek

Name of watershed or Hydrologic Unit Code (HUC): 12100407; Aransas 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: July 18, 2017
- 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: Freese and Nicholas, dated July 3, 2017
- 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: Drainage feature is listed as a manmade ditch.
- USGS NHD data.
- USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: 1:24,000 scale; SKIDMORE, Texas
- USDA Natural Resources Conservation Service Soil Survey. Citation: Orelia fine sandy loam, 0 to 1 percent slopes and Papatote fine sandy loam, 0 to 1 percent slopes. Both soils have a hydric rating of 1 to 32 percent.
- National wetlands inventory map(s). Cite name: FWS NWI Internet Mapper, referenced July 18, 2017. No wetlands were mapped in the area.
- State/Local wetland inventory map(s):
- FEMA/FIRM maps: FEMA Panel 48025C0410C, dated May 20, 2010. Zone X.
- 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): Texas Ortho Imagery Program, flown January 28, 2016.
- or Other (Name & Date): Google Earth Aerial Images (1995, 2005, 2006, 2008, 2012, 2013, 2014)
- Previous determination(s). File no. and date of response letter:
- 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 REVIEW AREA ONLY INCLUDES DRY LAND: A desktop review was conducted on July 18, 2017 to gather preliminary information that would assist during the determination. Multiple exhibits were reviewed including but not limited to historical aerials, FEMA FIRM maps, Web Soil Survey maps and reports. The site lies completely within dry land, and the only surface feature in the area is a drainage ditch excavated from

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.

uplands prior to 1940 in order to provide drainage for the former Naval Air Station Chase Field. A review of the U.S. GEOLOGICAL SURVEY Water-Resources Investigations Report 95-4038; GEOLOGY AND HYDROGEOLOGY OF NAVAL AIR STATION CHASE FIELD AND NAVAL AUXILIARY LANDING FIELD GOLIAD, BEE AND GOLIAD COUNTIES, TEXAS (1995), revealed the following description for the site's drainage patterns: "NAS Chase Field is centered on a topographic high that slopes southeastward at approximately 20 ft/mi. The soils that formed from weathered Lissie Formation sediments are fine sandy to clayey loams that allow for slow to very slow infiltration of precipitation (Guckian and others, 1981). These soils contribute to rapid runoff from rainfall to topographically low areas. Predevelopment surface drainage was to Poesta Creek on the west, Medio Creek on the east, and Spring Creek on the southeast. Currently (1995), runoff from NAS Chase Field is collected in an extensive drainage system and channeled into a large drainage ditch that was excavated between the southeastern boundary of the facility and Spring Creek." As such, this ditch is not subject to Section 10 of the Rivers and Harbors Act or Section 404 of the Clean Water Act.