

**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): 17 April 2017**

**B. DISTRICT OFFICE, FILE NAME, AND NUMBER:**

Nashville District  
Geo Solutions  
LRN-2016-01018

**C. PROJECT LOCATION AND BACKGROUND INFORMATION:** The subject site is located north of Huntsville, Alabama at the terminus of Judd Avenue off of Pulaski Pike NW in Madison County, Alabama. The project area may be found on the Meridianville, ALA USGS Topo Map (Sections 10 and 15, Township 3 S, Range 1 W). The review area which has been previously used as a borrow pit is approximately 16 acres in size and situated on the southeast region of Drake Mountain adjacent to an operational rock quarry. The environmental setting of the project site consists of a rock quarry to the west, residential subdivisions to the south and east, and bounded by Drake Mountain to the north.

State: Alabama County/parish/borough: Madison City: Huntsville  
Center coordinates of site (lat/long in degree decimal format): Lat. 34.78594° N, Long. -86.62253° W.  
Universal Transverse Mercator: 16

Name of nearest waterbody: Pinhook Creek  
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Tennessee River  
Name of watershed or Hydrologic Unit Code (HUC): 060300020502

- Check if map/diagram of review area and/or potential jurisdictional areas is/are 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: 17 April 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: Submitted by Mr. William Kennard, Geo Solutions, LLC.  
 Data sheets prepared/submitted by or on behalf of the applicant/consultant.  
 Office concurs with data sheets/delineation report. Submitted by Mr. William Kennard, Geo Solutions, LLC.  
 Office does not concur with data sheets/delineation report.  
 Data sheets prepared by the Corps:  
 Corps navigable waters' study: Navigable water as listed in Nashville District Public Notice #86-23, dated 8 May 1986.  
 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 Topographical 7.5 Minute, 1:24000 scale; Meridianville, AL 1964, Photorevised 1982.  
 USDA Natural Resources Conservation Service Soil Survey. Citation: Madison County, AL; NRCS Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>.  
 National wetlands inventory map(s). Cite name:  
 State/Local wetland inventory map(s):

<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.

- FEMA/FIRM maps: .
- 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- Photographs:
  - Aerial (Name & Date): Google Earth Imagery photos submitted by Mr. William Kennard, Geo Solutions, LLC.
  - Other (Name & Date):
- Previous determination(s).
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
  - Corps of Engineers Wetland Delineation Manual - Wetlands Research Program Technical Report Y-87-1, dated January 1987.
  - Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region (version 2.0), dated April 2012.
  - U.S. Army Corps of Engineers National Wetland Plant List (NWPL), ([http://wetland\\_plants.usace.army.mil](http://wetland_plants.usace.army.mil), version 3.1).
- Other information (please specify):

**B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND:** The area under review has been previously used as a borrow pit that has partially revegetated. No potential streams were found on the property. Geo Solutions, LLC, provided data sheets on 10 data points throughout the 16 acre property. The data sheets documented that only uplands occur within the review area. Based on information submitted by Mr. William Kennard, Geo Solutions, LLC, there are no aquatic resources or potential aquatic resources in the 16-acre review area that would warrant the application of a wetland delineation, significant nexus analysis, navigability determination, and/or delineation of the ebb and flow of the tides. There are no features that have lateral limits of jurisdiction (e.g., OHWM).