



**US Army Corps
of Engineers®
Vicksburg District**

Information needed to complete an Approved Jurisdictional Determination Basis Forms.

This information being provided to the Corps of Engineers, Vicksburg District will help expedite the process of finalizing Approved Jurisdictional Determinations.

General

- Watershed Size
- Drainage Basin Size
- HUC Codes
- Average Rainfall
- Average Snowfall
- Soils type and amount present
- GPS Coordinates

Streams

- Stream order
- Does the tributary flow directly into the TNW, if not, how many tributaries does it flow through before entering the TNW
- Stream Depth with respect to top bank.
- Stream Width with respect to top bank
- Side Slopes (Vertical, 2:1, 3:1, etc.)
- Substrate Composition (sand, gravel, muck, etc...)
- Tributary Condition
- Tributary Geometry
- Presence or Absence of Riffle/Pool Complex
- Ordinary High Water Mark Present or Not, if so what type of indicators are present.
- Summarize the Chemical Characteristics of the Tributary Water (Clear, Muddy, Oily, Filmy, etc.)

Wetlands

- Summarize Chemical Characteristics of Wetland Water (Clear, Muddy, Oily, Filmy, etc)
- Physical Characteristics of Wetland (type of vegetation present, percent of vegetation present, etc)
- Biological Characteristics of the Wetland (Does the wetland support aquatic/wildlife diversity, riparian corridor, etc) if so provide examples.
- What path does the wetland take to reach the downstream RPW and TNW.
- Summarize overall wetland function, (primarily storm water retention, sediment reduction, erosion protection, water quality improvements, etc)

Sources for Obtaining Information

- <http://www.mvk.usace.army.mil/>
- <http://www.maris.state.ms.us/>
- <http://www.mvd.usace.army.mil/main.php>
- <http://www.wcc.nrcs.usda.gov/climate/wetlands.html>
- <http://soils.usda.gov/>
- <http://datagateway.nrcs.usda.gov/NextPage.aspx>
- <http://soildatamart.nrcs.usda.gov/>
- <http://water.usgs.gov/GIS/huc.html>
- <http://atlas.lsu.edu/>