



## **US Army Corps of Engineers®**

### **Vicksburg District**

Information needed to complete an Approved Jurisdictional Determination. This information being provided to the Corps of Engineers, Vicksburg District will help expedite the process of finalizing Approved Jurisdictional Determinations when a Significant Nexus or Isolated Determination is required.

#### **General**

- Location - City, County/Parish, State
- Map of project area identified on an aerial photo or a USGS topographic map
- GPS Coordinates (latitude/longitude) in decimal degrees
- Soil types identified in soil survey

#### **Wetlands**

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

## Streams

- Stream order
- Does the tributary flow directly into a TNW, if not, how many tributaries does it flow through before entering the TNW
- Stream Depth and Width with respect to top bank and Side Slopes (Vertical, 2:1, 3:1)
- Substrate Composition (sand, gravel, muck, etc...)
- Tributary Condition
- 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.)

## Sources for Obtaining Information

- <http://www.mvd.usace.army.mil/Missions/Regulatory.aspx>
- <http://www.mvk.usace.army.mil/Missions/Regulatory.aspx>
- <http://www.fws.gov/wetlands/Data/Mapper.html>
- <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>
- <http://www.fws.gov/wetlands/Data/Mapper.html>
- <http://plants.usda.gov/java/>
- <http://rsgisias.crrel.usace.army.mil/NWPL/>
- <http://www.wcc.nrcs.usda.gov/climate/wetlands.html>
- <http://viewer.nationalmap.gov/viewer/>
- <http://water.usgs.gov/GIS/huc.html>
- <http://earthexplorer.usgs.gov/>
- <http://datagateway.nrcs.usda.gov/>
- <http://www.geostor.arkansas.gov/G6/Home.html>
- <http://atlas.lsu.edu/>
- <http://www.maris.state.ms.us/>