



## Survey Standards for Jurisdictional Determinations

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Please note that the approval and signature of survey plats will only be done in association with an Approved Jurisdictional Determination. The Corps accepts both electronic and hardcopy plats for signature, however this will be at the discretion of the project manager. If a hard copy is submitted, the Corps requires that all hard-copy submittals include at least one original Plat (to scale) that is no larger than 11"x17". Submitted plats must be legible, including labeling (the use of match lines for larger tracts are encouraged). Additional copies of a plat, including those larger than 11"x17", may also be submitted for Corps signature as needed. Prior to final production of a plat, the Wilmington District recommends that the surveyor electronically submit a draft of the survey to the Corps project manager for review.

### PLATS SUBMITTED FOR APPROVAL

- Must be signed and sealed by a licensed professional land surveyor
- Must be to scale (all maps must include an accurate graphic scale and verbal scale)
- Must include a North Arrow, Scale(s), Title, Property Information
- Must clearly depict surveyed property or project boundaries
- Must clearly identify the known surveyed point(s) used as reference (e.g. property corner, USGS monument)
- Jurisdictional wetlands depicted on the survey should:
  - Be labeled as Wetland Waters of the US, 404 wetlands, wetlands, etc.
  - Include acreage (or square footage) of wetland polygons
  - Identify each wetland polygon using an alphanumeric system
- Jurisdictional non-wetland waters (non-wetland tidal/navigable waters, tributaries, impoundments, ditches, etc.) depicted on the survey should:
  - Be labeled as Non-Wetland Waters of the US, stream, tributary, open water, relatively permanent waters (RPW), pond, etc.
  - Mark the centerline of linear waters (tributaries), with approximate widths to the Ordinary High Water Mark (OHMW) OR a surveyed OHWM boundary of the tributary.
    - List the linear footage of linear features and area (using approximate widths)
  - Mark the extent of OHMW for non-linear waters such as lakes, ponds, etc.
    - List the acreage of non-linear features
  - Identify each feature using an alphanumeric system

- Isolated waters, waters that lack a significant nexus to navigable waters, or non-jurisdictional upland features should be identified as non-jurisdictional. Please include the acreage and/or linear length of these features as appropriate.
- Must include a legible Waters of the United States (wetlands and other waters) Delineation Table of distances and bearings/metes and bounds/GPS coordinates of all surveyed delineation points
- Must ensure that all depicted wetlands or other waters intersect or tie-to surveyed project/property boundaries

**CERTIFICATION LANGUAGE**

- Plats submitted for Corps approval should include the following Certification language when the entire actual Jurisdictional Boundary is depicted:

*"This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of the Section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is change in the law or our published regulations, this determination of Section 404 jurisdiction may be relied upon for a period not to exceed five years from this date. The undersigned completed this determination utilizing the appropriate Regional Supplement to the 1987 U.S. Army Corps of Engineers Wetlands Delineation Manual, 33 C.F.R. part 328 and other U.S. Army Corps of Engineers guidance."*

Regulatory Official: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

USACE Action ID No.: \_\_\_\_\_

- Plats submitted for Corps approval should include the following Certification language when uplands may be present within a depicted Jurisdictional Boundary:

*"This certifies that this copy of this plat identifies all areas of waters of the United States regulated pursuant to Section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is change in the law or our published regulations, this determination of Section 404 jurisdiction may be relied upon for a period not to exceed five years from this date. The undersigned completed this determination utilizing the appropriate Regional Supplement to the 1987 U.S. Army Corps of Engineers Wetlands Delineation Manual, 33 C.F.R. part 328 and other U.S. Army Corps of Engineers guidance."*

Regulatory Official: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

USACE Action ID No.: \_\_\_\_\_

## GPS SURVEYS

For surveys prepared using a Global Positioning System (GPS), the survey must include all of the above, as well as:

- be at sub-meter accuracy at each survey point.
- include an accuracy verification. One of more of the known points (property corner, monument) shall be located with the GPS and cross referenced with the existing traditional property survey (metes and bounds).
- include a brief description of the GPS equipment utilized.