

## **Permitting Documentation for Impacts to Waters of the U.S., Including Wetlands**

U.S. Army Corps of Engineers (USACE) permitting documentation includes the following: Preliminary Jurisdictional Determination Report, Pre-construction Notification, Mitigation Plan, and Individual Permit Application.

**Preliminary Jurisdictional Determination (PJD) Reports** should include the following sections:

1. Purpose
2. Methodology
3. Results
  - Maps
  - Site descriptions
  - Hydrology
  - Vegetation
  - Soils
  - Comparisons between wetland and upland areas
  - Riparian descriptions and other buffer features
  - Site photos
  - Aerial photos (current and past)
  - Other relevant descriptions or maps
4. Conclusion
  - Potential waters of U.S.
  - Likely waters of the U.S.
5. Supporting Information
  - Data Forms
  - References

**Pre-construction Notification (PCN)** packages should contain the following:

1. Project Purpose and Need
2. Delineation and Description of Waters of the U.S.
3. Vicinity Map
4. Plan, Profile, and Cross Section Views (for all work, both permanent and temporary, on 8½ by 11-inch sheets)
5. Volume of Excavated and Fill Material
6. Project Alternatives
7. Assessment of Effects
8. Mitigation (avoidance, minimization, and compensation)
9. Threatened and Endangered Species
10. Cultural Resources
11. Floodplain Compliance
12. Other Relevant Information

### PCN Attachments:

Permit Drawings  
Wetland Determination Data Forms  
Project Location Map, including waters/wetlands GIS data  
USGS Quadrangle Maps  
FEMA Floodplain Map  
Project Area Photos  
Compensatory Mitigation Plan

**Mitigation Plans** should contain the following sections:

1. Project Description and Background
2. Avoidance of Impacts to Waters of the U.S.
3. Minimization of Impacts to Waters of the U.S.
4. Impacts Associated with Alternatives Considered
5. Impacts to Waters of the U.S.
6. Mitigation Options (including location maps, exhibits, layouts, coordination letters, etc., if necessary)

**Individual Permit (IP) Applications** should include the following:

1. Cover letter
2. USACE ENG Form 4345 (completed)
3. The applicable statutory authority or authorities (Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and/or Section 103 of the Marine Protection, Research, and Sanctuaries of 1972)
4. Signature(s) of applicant(s) and authorized agent(s)
5. Project purpose and need
6. Project location
7. Description of proposed work
8. Plan, profile, and cross section views of all proposed work
9. For activities involving dredging of Section 10 navigable waterways, describe the type, composition, and quantity of material to be dredged, the method of dredging, the site and plans for disposal of the dredged material.
10. For activities involving discharge of dredge or fill material into all Waters of the U.S., including wetlands, describe the source of the material, the purpose of the discharge, the type, composition and quantity of material, method of transportation of the material, and location of the disposal site.
11. For activities involving the construction of an impoundment structure, documentation should be provided showing the structure complies with established state dam safety criteria and/or that the structure has been designed by qualified persons, and that the design was reviewed by similarly qualified persons.
12. Other relevant information
13. Location and dimensions of adjacent structures
14. Project schedule
15. List of adjacent property owner names and addresses
16. List of authorizations required by other federal, interstate, state, or local agencies
17. JD Report

**IP Attachments**

Mitigation Plan

Additional State Agency Documents (i.e. TCEQ 404 Tier I or II Questionnaire)

Additional Project Information (i.e. environmental document; resource agency coordination letters)