DEPARTMENT OF THE ARMY
SAN FRANCISCO DISTRICT, CORPS OF ENGINEERS
333 MARKET STREET
SAN FRANCISCO, CALIFORNIA 94105-2197

INFORMATION NEEDED FOR VERIFICATION OF CORPS JURISDICTION

The San Francisco District Corps Regulatory Program receives numerous requests for jurisdictional determinations and delineations for Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. To ensure rapid and accurate evaluation of jurisdictional maps proposed by applicants, the Corps requests jurisdictional maps and supportive documentation be submitted in a standard format. Applicants providing jurisdictional materials in other formats will encounter delays due to the increased time it takes to evaluate non-standard materials. Please provide the following information when requesting verification of proposed jurisdiction:

I Maps

Locality Map. A road map or copy of a road map that identifies the location of the project site from numbered State Route(s).

Full-size USGS quad sheet with the project study boundary outlined

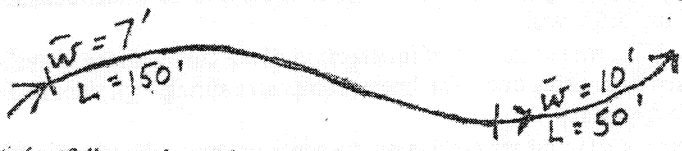
Site map or aerial photo with clearly defined project study boundary. Generally, the scale of the map or photo should be 1inch = 100ft or 1 inch = 200ft for larger projects. These scales are necessary to assess project impacts. Please consult with the Corps for maps with scales greater than 1 inch = 200 ft before submittal. All potentially jurisdictional areas need to be clearly indicated on the map and denoted in map legend

Development map at the same scale as the site map showing project, areas of fill, grading, structures, areas of work and appropriate cross-sections

II Jurisdictional Information

Tidal Areas. Identify the location and elevation of Mean High Water* and the High Tide Line** on all maps and cross-section drawings

Linear "Other Waters", including Rivers, Streams, Intermittent Streams etc. Large Projects: Average width and segment length at Ordinary High Water*** for all representative segment units as shown:



Small Projects (outfalls, road crossings, etc): Width of stream at Ordinary High Water*** on both plan view and cross-section of project

Open Water Bodies including Lakes, Ponds, Stockponds, Impoundments etc.: Plan view showing Ordinary High Water***

Wetlands: Wetlands are those areas that are inundated or saturated with surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soils. If wetlands comprise a part or all of Corps jurisdiction within your project study boundary, the 1987 Corps Wetland Delineation Manual with amendments should be used on non-agricultural lands to identify the

limit of jurisdiction (http://www.wes.army.mil/el/wetlands/wetlands.html#wrtc). Numerous consultants prepare proposed wetland jurisdictional maps for Corps review and should be employed if a project requires a Corps of Engineers permit. It is prudent for the applicant to check potential consultants references and experience. To avoid delays please provide the following information when proposed jurisdictional maps include wetlands:

Written rationale for the choice of location and number of sample points

Signed data sheets for every sample point where data was gathered
- -use Data Form, Routine Wetland Determination (approved HQUSACE 3/92) or equivalent
- -location of every sample point needs to be accurately identified and located on the proposed jurisdictional map to allow the Corps Project Manager to recover the position for inspection
- -paired sample points (transect) are to be used to identify the upland/wetland boundary
- -generally all wetland boundaries need to be transected. On larger or complex areas representative sampling is allowed if wetland characteristics are similar
- -single sample points may be used to characterize upland or wetland areas but are not sufficient documentation to establish upland/wetland boundary

Representative color photos of wetland areas with photo points and direction located on the site map. Photo labels should include the project name and date

Copy of the County Soil Survey for the area within the project study boundary including the soil series information

III Jurisdictional Delineation on Agricultural Lands for Section 404 Activities within San Francisco Bay Area

When preparing a National Food Securities Act Manual (NFSAM) delineation involving Prior Converted Cropland (PC) please supply the following materials:
- -copies of FSA delineations done by NRCS and supportive documentation
- -records of cropping histories for specific tracts and fields
- -aerial photos of cropped fields with data for antecedent weather conditions
- -description and date of hydrologic manipulation
- -documentation to demonstrate cropped areas have not been abandoned
- -identify and label areas of Farmed Wetlands within PC fields
- -to expedite please convert NFSAM labels (FWP, AW, FW, PC, CW, CC, MW, MWM, TP, WX etc.) to CWA designations of potential jurisdiction (Waters/Wetlands) or uplands

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- *Mean High Water. MHW is the extent of the line on the shore reached by the plane of the mean (average) high water established by survey with reference to the available tidal datum, preferably averaged over a period of 18.6 years.
- **High Tide Line. The HTL means the line of intersection of the land with the water's surface at the maximum height reached by a rising tide. The line encompasses spring high tides and other high tides that occur with periodic frequency.
- *** Ordinary High Water. OHW means the line on the shore established by the fluctuation of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding area.

Other web sites relating to wetland delineations include:
1) http://www.spn.usace.army.mil/regulatory
2) http://www.nwi.fws.gov/bha/lists.htm
3) http://www.statlab.iastate.edu/soils/hydric

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