



**Yurok Tribe
Water Quality Certification and/or Waste Discharge Requirements (Dredge/Fill)
Application Instructions**

The following information is necessary before the Yurok Tribe can grant Water Quality Certification or Waste Discharge Requirements. Your application should include the following clearly identified elements, along with appropriate documentation, with a check for \$500. If the scope of the project is expected to be extensive (affect a broad area or span multiple years), additional assessment of fees may be required. The suggested items below are not exhaustive; additional information may be required for certain project, likewise some of the items below may not be applicable to smaller projects.

**Yurok Tribe Environmental Program
Water Quality Certification Division
PO Box 1027
Klamath, CA 95548**

1. APPLICANT
 - a. Property Owner
 - b. Owner's Representative
 - c. Address (include city, state, and zip code)
 - d. Other information (phone, fax, and email)

2. PROJECT INFORMATION
 - a. Project Description and Purpose (see checklist for guidance)
 - b. Project Location (include a topographic map and site map clearly identifying affected waters)
 - c. Proposed Schedule for Project (start date, duration, estimated completion date, etc.)
 - d. Federal Permit Application(s) and/or approved permit(s) required (i.e. Army Corps of Engineers 404 Permit). Also include whether permit is individual or nationwide. Include file, application, and/or permit number.
 - e. Compliance with applicable Tribal regulations

3. AFFECTED WATERS
 - a. Acres of water body affected by project (i.e. jurisdictional wetlands, riparian zone, streambed, and/or lake). Please list separately the permanent and temporary acres to be impacted (attach detailed map illustrating extent of impact).
 - b. Name, title, and affiliation of person delineating Extent of Waters of U.S. (include wetland delineator certification information if applicable).
 - c. Describe proposed measures to avoid or mitigate direct impacts to Waters of US: (if direct impacts are unavoidable, describe efforts to minimize or mitigate impacts. See Mitigation Checklists for guidance)
 - d. Type and volume of proposed discharge (i.e. dredged or fill material)

- e. Describe proposed measures to avoid or mitigate indirect impacts to Waters of the State: (i.e. upland impacts which might affect water quality. See Mitigation Checklists for guidance).
- f. Cumulative Impacts: Brief list/description of applicant's previous and future projects related to the proposed activity or that may impact the same receiving water body/bodies.
- g. Nearest Receiving Water(s) (or surface drainage)
- h. Proposed Minimum Erosion Control Measures

4. SIGNATURES

- a. Signature or Owner, Owner's Representative or agency representative
- b. Date

For more information on the permit application process, please contact YTEP Assistant Director, Ken Fetcho at 707-482-1822 ext 1002 or kfetcho@yuroktribe.nsn.us



Project Plan Checklist

A detailed project plan is required with every application. Clarification of information may be requested by the Yurok Tribe Environmental Program staff during application review. This checklist is provided to aid applicants in providing a thorough project plan. Not all items on this checklist may apply to each project; rather they are provided here as general guidance for required information to be included. In addition, there may be items not covered by this checklist which may be requested on a project-by-project basis.

1. PROJECT DESCRIPTION

- a. Project Description
- b. Summary of overall project area
 - i. Size and description of project area; type(s) of receiving water body/bodies; brief list/description of applicant's previous and future projects related to the proposed activity or that may impact the same receiving water body/bodies.
- c. Responsible Parties
 - i. Names and phone numbers of anyone participating in the project.
- d. Jurisdictional waters to be impacted
 - i. Include a detailed site plan clearly indicating the proposed impacts and mitigation site areas, including acreage.
- e. Type(s) of water body/bodies, flow duration (intermittent or perennial), inundation period, functions, and values.
- f. Location and size of project area.
- g. Site map and regional map of project location.
- h. Species present within project site and/or upstream/downstream areas.
- i. Threatened or endangered species present within stream course.
- j. Existing functions and values
 - i. Wetted channel width, pool/riffle ration, mean/max depths, complexity, shade/cover, etc.
- k. Current conditions at site
 - i. "mostly natural," "degraded," "heavily impacted"
- l. Construction methods to be used
- m. Adverse impacts
 - i. Include whether the adverse impacts will be temporary or permanent, and include the amount of area to be affected (acres or linear feet)
- n. Schedule of construction activities
 - i. Include start and end dates for proposed activities
- o. Stockpile summary
 - i. Include amount of stockpile and proposed areas for storage
- p. Best Management Practices
 - i. Practices to be implemented to reduce potential water quality impacts during and after construction activities, aside from proposed mitigation activities
- q. Site dewatering
- r. Solid waste disposal for dredged material
- s. Mitigation and monitoring plans

- i. Refer to separate checklists for Stream course Mitigation, and for Wetland Mitigation

Stream course Mitigation Checklist

If it is determined that a watercourse (intermittent or perennial) will be affected by the proposed development, mitigation will likely be necessary to preserve the function and beneficial uses of the site. Clarification of information may be requested by Yurok Tribe Environmental Program staff during application review. This checklist is intended to aid applicants in submitting complete and proper information regarding mitigation plans, to enable staff to effectively evaluate the project for Water Quality Certification or Waste Discharge Requirements. Not all items on this checklist may apply to each project; rather they are provided here as general guidance for required information to be included. In addition, there may be items not covered by this checklist which may be requested on a project-by-project basis.

1. GOALS OF MITIGATION

- a. Variety of habitats to be created/restored
 - i. Pools, rearing sites, spawning sites, riparian habitat, etc.
- b. Functions and values of habitat to be created
 - i. Wetted channel width, pool/riffle ratio, mean/max depths, complexity, shade/cover, large woody debris recruitment, etc.
- c. Other mitigation steps taken
 - i. Avoid, minimize, compensate
- d. Functions and values of the created/restored habitat
 - i. Wildlife habitat, stream bank stabilization through riparian habitat establishment, increased water quality, etc.
- e. Time schedule for mitigation
- f. Work plan
 - i. Project start date, length mitigation activities will take place, specific work (riparian plantings, etc.) to be done at particular times, area of stream-channel profile receiving mitigation (i.e. wetted channel, bankfull channel, floodplain)

2. PROPOSED MITIGATION SITE

- a. Location and size of mitigation area
- b. Site map and regional map of mitigation project
- c. Existing functions and values
 - i. Wetted channel width, pool/riffle ratio, mean/max depths, complexity, shade/cover, large woody debris recruitment, etc.
- d. Current conditions at the site
 - i. “mostly natural,” “degraded,” “heavily impacted”
- e. If the site is degraded, explain past uses leading to degradation
- f. Proposed uses for mitigation area
 - i. Provide habitat for flora/fauna, recreation, open space, etc.
- g. Current uses of the area
 - i. Agriculture, development, recreation, open space, etc.

3. IMPLEMENTATION PLAN

- a. Responsible parties
- b. Rationale for expecting success

- c. Site preparation plan
 - d. Planting plan
 - i. Dates of proposed plantings, native species to be planted, density of plantings, etc.
 - e. Irrigation plan (if applicable)
4. MAINTENANCE DURING MONITORING PERIOD
- a. Responsible parties
 - b. Maintenance activities
 - c. Names and phone numbers of anyone performing maintenance activities at or near the site
 - d. Schedule
5. MONITORING PLAN
- a. Responsible parties
 - b. Names and phone numbers of individuals/contractors performing monitoring duties
 - c. Performance criteria
 - i. Wetted channel width, pool/riffle ratio, mean/max depths, complexity, shade/cover, large woody debris recruitment, riparian establishment, flora/fauna, etc.
 - d. How will success be judged?
 - i. Increase in depths, decreased erosion rates, establishment of riparian species, recruitment of flora/fauna, increased pool/riffle ratio, increased shade, decreased water temperatures, increased water quality, etc.
 - e. Is there a reference site?
 - i. If a reference site is incorporated into the plan, include where it is located and what the current conditions are (see performance criteria above)
 - f. Monitoring methods
 - g. Describe in detail how the site will be monitored
 - h. Reports
 - i. How often will be monitoring reports be published?
 - j. Schedule
 - k. How often will be site be monitored?
 - l. How long will be site be monitored?
6. COMPLETION OF MITIGATION
- a. Notice of completion
 - i. Plan for notification of completion (i.e. agencies to be contacted)
 - b. YTEP confirmation
7. FINAL SUCCESS CRITERIA
- a. Target functions and values achieved
 - i. Ultimate target functions and values of the mitigation (i.e. wetted channel width, pool/riffle ratio, complexity/cover, flora/fauna recruitment, etc.)
 - b. Target hydrologic scheme achieved
 - i. Wetted width, bankfull width, mean/max depths, flow regime, etc.
 - c. What are the ultimate hydrologic conditions for the site?
 - i. Based on conditions prior to any degradation or human impacts (best case scenario)
 - d. Target jurisdictional acreage created/restored
 - e. Total acres restored or created through mitigation project
 - f. Establishment of native riparian species
 - i. Based on monitoring, reviewed after a predetermined number of years

Wetland Mitigation Checklist

Wetlands should not be disturbed at all. If it is determined that a wetland will be affected by the proposed action, mitigation will need to be done on at least a 1:1 ratio to preserve the function and values of the wetland and its associated beneficial uses. Clarification of information may be requested by Yurok Tribe Environmental Program staff during application review. This checklist is intended to aid applicants in submitting complete and proper information regarding mitigation plans, to enable staff to effectively evaluate the project for Water Quality Certification or Waste Discharge Requirements. Not all items on this checklist may apply to each project; rather they are provided here as general guidance for required information to be included. In addition, there may be items not covered by this checklist which may be requested on a project-by-project basis.

1. GOALS OF MITIGATION

- a. Variety of habitats to be created/restored
 - i. What type of wetland will be created/restored? (i.e. seasonal, freshwater, saltwater, swale, vernal pool, etc.)
- b. Functions and values of habitat to be created
 - i. What are the functions and values of the created/restored wetland? (i.e. wildlife habitat, native plant communities, increased water quality, etc.)
- c. Other mitigation steps taken
 - i. Avoid, minimize, compensate
- d. Time schedule for mitigation
- e. Work plan
 - i. Project start date, length mitigation activities will take place, specific work (exotic species removal, native species plantings, etc.) to be done at particular times

2. PROPOSED MITIGATION SITE

- a. Location and size of mitigation area
- b. Site map and regional map of mitigation project
- c. Existing functions and values
 - i. Flora/fauna habitat, flora/fauna utilizing site, mean/max depths, water quality parameters. Include a copy of delineation report of mitigation site.
- d. Current conditions at the site
 - i. “mostly natural,” “degraded,” “heavily impacted”
- e. If the site is degraded, explain past uses leading to degradation
- f. Proposed uses for mitigation area
 - i. Provide habitat for flora/fauna, recreation, open space, etc.
- g. Current uses of the area
 - i. Agriculture, development, recreation, open space, etc.

3. IMPLEMENTATION PLAN

- a. Responsible parties
- b. Rationale for expecting success
- c. Site preparation plan
- d. Planting plan
 - i. Dates of proposed plantings, native species to be planted, density of plantings, etc.
- e. Irrigation plan (if applicable)

4. MAINTENANCE DURING MONITORING PERIOD

- a. Responsible parties
- b. Maintenance activities
- c. Names and phone numbers of anyone performing maintenance activities at or near the site
- d. Schedule

5. MONITORING PLAN

- a. Responsible parties
- b. Names and phone numbers of individuals/contractors performing monitoring duties
- c. Performance criteria
 - i. Native species present, duration and season of water inundation, mean/max depths, water quality, etc.
- d. How will success be judged?
 - i. Establishment of native flora/fauna, ponding of water during appropriate portion of season, increased water quality, etc.
- e. Is there a reference site?
 - i. If a reference site is incorporated into the plan, include where it is located and what the current conditions are (see performance criteria above)
- f. Monitoring methods
- g. Describe in detail how the site will be monitored
- h. Reports
- i. How often will be monitoring reports be published?
- j. Schedule
- k. How often will be site be monitored?
- l. How long will be site be monitored?

6. COMPLETION OF MITIGATION

- a. Notice of completion
 - i. Plan for notification of completion (i.e. agencies to be contacted)
- b. YTEP confirmation

7. FINAL SUCCESS CRITERIA

- a. Target functions and values achieved
 - i. Ultimate target functions and values of the mitigation (i.e. native flora/fauna recruitment, inundation of water during appropriate season, etc.)
- b. Target hydrologic scheme
 - i. Inundation period of area
- c. What are the ultimate hydrologic conditions for the site?
 - i. Based on conditions prior to any degradation or human impacts (best case scenario)
- d. Target jurisdictional acreage created/restored
- e. Total acres restored or created through mitigation project
- f. Establishment of native wetland species
 - i. Based on monitoring, reviewed after a predetermined number of years