Proposed Mitigation Measures, Monitoring, and Reporting Program

Aesthetics

Mitigation Measure No. 1. Any and all light poles on the property shall be located and shielded such that no light or glare extends beyond the boat ramp parking lot. In addition, no portion of the illuminated fixture or lens shall extend below or beyond the canister or light shield.

Timing for Implementation/Compliance: Throughout life of project
Person/Agency Responsible for Monitoring: County of Del Norte
Monitoring Frequency: Ongoing throughout project construction and completion
Evidence of Compliance: Visual observations

Air Quality

Mitigation Measure No. 2. The applicant, at all times, shall comply with Air Quality Regulation 1, Chapter IV to the satisfaction of the NCUAQMD. This will require, but may not be limited to: (1) covering open bodied trucks when used for transporting materials likely to give rise to airborne dust; and (2) earth or other material that has been transported by trucking or earth moving equipment, erosion by water, or other means onto paved streets shall be promptly removed.

Timing for Implementation/Compliance: Throughout project construction
Person/Agency Responsible for Monitoring: County of Del Norte and NCUAQMD
Monitoring Frequency: Ongoing throughout project construction
Evidence of Compliance: Visual observations

Biological Resources

Mitigation Measure No. 3. To mitigate potential impacts to the coho salmon, all construction activities in the Klamath River will be performed between July 1 and October 15 (NMFS 2007) to the satisfaction of CDFG, ACOE, and NMFS.

Timing for Implementation/Compliance: Prior to construction
Person/Agency Responsible for Monitoring: County of Del Norte, CDFG, ACOE, and NMFS
Monitoring Frequency: None required
Evidence of Compliance: Construction timing

Mitigation Measure No. 4. Prior to the start of construction operations and during work within the Klamath River, avoidance and minimization measures will be implemented as required in Section 4.2 of the biological assessment for NMFS (March 2007). Avoidance and minimization measures include, but are not limited to, equipment staging and materials storage located in the existing paved parking area; equipment access by way of the existing paved access road; use of an excavator to place the riprap and other permanent materials in the river; and work done in the river limited in duration and during low flows, no earlier than July 1 and no later than October 15 to the satisfaction of CDFG, ACOE, and NMFS.

Timing for Implementation/Compliance: Throughout project construction
Person/Agency Responsible for Monitoring: County of Del Norte, CDFG, ACOE, and NMFS
Monitoring Frequency: On going throughout project construction
Evidence of Compliance: Visual observations

Mitigation Measure No. 5. To mitigate any impacts to special status species, a qualified biological monitor is to be on site during construction activities related to the project, when appropriate. If special status species are encountered or construction activities are impacting the resources, the biologist will halt work until appropriate mitigation can be achieved to the satisfaction of CDFG.

Timing for Implementation/Compliance: Throughout construction
Person/Agency Responsible for Monitoring: County of Del Norte and CDFG
Monitoring Frequency: On going throughout project construction
Evidence of Compliance: Visual observations

Mitigation Measure No. 6. Permanent trash receptacle(s) that are animal and vandalism proof will be installed on site. The receptacle(s) may be top loading, such as those that are used at state parks, and will be made from heavy duty materials that are vandalism proof and indestructible from animal attacks. The trash receptacle(s) will be paid for and maintained by Del Norte County to the satisfaction of CDFG.

Timing for Implementation/Compliance: Throughout the life of the project
Person/Agency Responsible for Monitoring: County of Del Norte
Monitoring Frequency: During and upon completion of project construction
Evidence of Compliance: Visual observations

Mitigation Measure No 7. The project applicant shall retain a qualified biologist to conduct two focused preconstruction surveys for active nest sites of raptors and migratory nesting birds with a focus on the little willow flycatcher. These surveys shall be conducted within 14 days of vegetation removal initiated during the nesting season. In addition, two focused preconstruction surveys shall be conducted within 14 days of grading initiated during the nesting season. If grading immediately follows vegetation removal, two focused preconstruction surveys within 14 days of initiating vegetation removal shall be sufficient. If an active nest is located during the preconstruction surveys, Del Norte County, CDFG, and/or USFWS shall be notified, as appropriate to the species and its status. If active nests are found within the zone of influence (within 300 feet of the limits of work), grading and construction shall be prohibited within an adequate setback, as approved by a qualified biologist in consultation with the CDFG. Work within the setback would have to be delayed until after the young have fledged, as determined during surveys by a qualified biologist.

Timing for Implementation/Compliance: Prior to project construction
Person/Agency Responsible for Monitoring: County of Del Norte and CDFG
Monitoring Frequency: Prior to construction
Evidence of Compliance: Visual observations

Mitigation Measure No. 8. Prior to the start of construction operations and during work within the Klamath River, conservation measures described in a letter dated April 27, 2007, from FEMA to Del Norte County will be implemented as part of the boat ramp repair, per the USFWS, to the satisfaction of ACOE and NMFS.

Timing for Implementation/Compliance: Throughout project construction
Person/Agency Responsible for Monitoring: County of Del Norte, ACOE, and NMFS
Monitoring Frequency: On going throughout project construction
Evidence of Compliance: Visual observations

Mitigation Measures No. 9. In order to mitigate impacts to riparian habitat, the upstream area adjacent to the boat ramp will be revegetated with appropriate native species. Willow cuttings will be placed within the one-foot gaps in the cable mat up and downstream of the boat ramp. An appropriate professional with experience in botany and/or vegetation restoration will either install or oversee the implementation of the revegetation plan. The revegetation plan and monitoring will be completed to the satisfaction of CDFG and Del Norte County.

Timing for Implementation/Compliance: During the seasonally appropriate planting time
Person/Agency Responsible for Monitoring: County of Del Norte and CDFG
Monitoring Frequency: May or June for three years
Evidence of Compliance: Submittal of annual monitoring report with photo documentation for 3 years

Cultural Resources

Mitigation Measure No. 10. If archeological or historical features or materials are unearthed during any phase of project activity, all work in the immediate vicinity of the find shall halt until the County of Del Norte has contacted the Department of Public Health Environmental Review Unit (ERU) and Yurok Tribe, and the significance of the resource has been evaluated. Any mitigation measures that may be deemed necessary must have the approval of the ERU and Yurok Tribe, and shall be implemented by a qualified archeologist representing the County of Del Norte prior to resumption of construction activities.

If human remains are exposed by project related activity, the County of Del Norte shall comply with California State Health and Safety Code, Section 7050.5, which states that no further disturbance shall occur until the County Coroner has made the necessary findings as to the origin and disposition pursuant to California Public Resources Code, Section 5097.98.

Timing for Implementation/Compliance: Throughout project construction
Person/Agency Responsible for Monitoring: County of Del Norte and Yurok Tribe
Monitoring Frequency: Throughout construction
Evidence of Compliance: Visible evidence

Hazards and Hazardous Materials

Mitigation Measure No. 11. The contractor shall be responsible for implementing a Storm Water Pollution Prevention Plan (SWPPP), which will also include a Spill Prevention Control and Countermeasure Plan (SPCCP) in the case of an accidental release of pollutants. The SWPPP will specify that fueling construction equipment shall occur in the parking lot at a minimum of 100 feet from the ordinary high water mark (OHWM). A waste management plan will also be included that specifies how debris from the existing ramp, rock slope protection, and excavated soil would be disposed of following removal from the site, to the satisfaction of County of Del Norte.

Timing for Implementation/Compliance: Throughout project construction
Person/Agency Responsible for Monitoring: County of Del Norte
Monitoring Frequency: Throughout construction
Evidence of Compliance: Visible evidence

Noise

Mitigation Measure No. 12. Hours of construction activities shall be limited to daylight hours, Monday through Friday, to the satisfaction of the County of Del Norte.

Timing for Implementation/Compliance: Throughout project construction
Person/Agency Responsible for Monitoring: County of Del Norte
Monitoring Frequency: Throughout construction
Evidence of Compliance: Visible evidence