

**Public Notice for Water Quality Certification and/or
Waste Discharge Requirements (Dredge/Fill Projects)**

Siskiyou County Department of Public Works
Shackleford Creek Bridge Replacement Project
WDID No. 1A05023WNSI

Siskiyou County

On March 7, 2005, the North Coast Regional Water Quality Control Board (Regional Water Board) received an application from the Siskiyou County Department of Public Works requesting Water Quality Certification and/or Waste Discharge Requirements (Dredge/Fill Projects) for the Shackleford Creek Bridge Replacement Project near Fort Jones, Siskiyou County. The application was deemed complete on April 27, 2005. The proposed project will cause disturbances to waters of the United States associated with Shackleford Creek in the Scott Valley Hydrologic Subarea No. 105.42.

The proposed project involves replacement of the existing Quartz Valley Road Bridge over lower Shackleford Creek (Bridge # 2C-064). The existing single-lane bridge, a pre- 1950's structure, is a single-span, steel, pony truss bridge with a curved upper chord. The bridge is 100 feet long and 16 feet wide. The bridge deck, railings, and support members are timbers. The purpose of the proposed project is to upgrade the existing single-lane bridge to improve traffic flow, safety, and other functional deficiencies.

The wood deck, railings, and support members of the existing bridge will be removed by hand. The truss will be detached from both abutments and a crane will be used to lift the truss outside the stream channel. The truss will be dismantled and taken offsite for disposal. The abutment on the west end of the bridge will be removed to allow for construction of a new abutment. The abutment on the east side of the bridge will not be removed.

There are two irrigation diversions in the project area, the Barney Burton and Ben Tozier diversions. The Barney Burton diversion is approximately 350 feet downstream of the bridge on the west bank of the Shackleford Creek. The Ben Tozier diversion is upstream of the bridge on the east side of the Shackleford Creek. Installation of a 30-inch culvert is proposed under the east bridge approach in the area of the existing diversion culvert and extending approximately 130 feet to the northeast.

Driven piles will be installed for the new west abutment, so dewatering of the west abutment footing is not expected to be necessary. Footing and wingwall construction will take approximately two weeks. Pile driving, footing, and wingwall construction will be done between June 15th and October 1st to minimize potential impacts to salmonids. Pile driving will be completed in one day. Footings for the east abutment will be excavated with an excavator located outside the live stream channel. A submersible pump will be used to dewater the footings, if necessary, and any pumped water will be diverted into an irrigation ditch located east of the fish screen on the Tozier diversion. Removed vegetation will not be uprooted, and during the wet season only vegetation removal by hand will be allowed.

Compensatory mitigation for the temporary loss of approximately 0.04 acre of shaded riverine aquatic habitat will be attained by replanting removed riparian vegetation with native vegetation

at a ratio of 3-to-1. Noncompensatory mitigation measures include Best Management Practices for heavy equipment use and sediment and turbidity control. Heavy equipment will be placed on mats to minimize soil disturbance and will not be operated in the live streambed. Silt fencing and straw bales will be used for temporary erosion control. Activities within the ordinary high water line of Shackelford Creek will be limited to June 15th to October 1st. Activities conducted after this time period will be limited to installation and maintenance of erosion control devices, deck work on the new bridge, and construction site clean up.

The proposed project is authorized under the Department of the Army Nationwide Permit 14 for Linear Transportation Projects, pursuant to Section 404 of the Clean Water Act (33 U.S.C. Section 1344). Siskiyou County Planning Department, as the lead California Environmental Quality Act agency, certified a Negative Declaration for this project on March 5, 2002.

Regional Water Board staff is proposing to regulate this project pursuant to Section 401 of the Clean Water Act (33 USC 1341) and/or Porter-Cologne Water Quality Control Act Authority. In addition, staff will consider all comments received during a 21-day comment period that begins on the first date of issuance of this letter. If you have any questions or comments, please contact staff member Dean Prat at (707) 576-2801, or at dprat@waterboards.ca.gov within 21 days of the posting of this notice.