

June 13, 2008

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

Mr. Michael Sloan
Sloan Culvert Replacement
WDID# 1B08079WNSO

Sonoma County

On May 7, 2008, the North Coast Regional Water Quality Control Board (Regional Water Board) received an application from Mr. Michael Sloan requesting a Water Quality Certification and/or Waste Discharge Requirements (Dredge/Fill Projects) for the Sloan Culvert Replacement Project located in Sonoma County. The proposed project will cause permanent impacts to approximately 40 feet of streambed within the Russian River, Guerneville Hydrologic Sub Unit No. 114.11.

The proposed project is located at 998 Limerick Lane in Healdsburg, Sonoma County, California, (APN. No 086-080-027). The latitude and longitude is 38° 35' 13.87"N and 122° 49' 52.28"W. The Project involves replacing an existing culvert that is currently in poor condition with a new culvert rated for heavier vehicle loading.

The project consists of replacing the existing, failing 36 inch concrete culvert and deteriorating wing walls. The new project includes installation of a 38x60 inch reinforced concrete elliptical culvert, 20 feet in length, with concrete footings, 8 inch concrete retaining walls along both sides of the channel, and 20 cubic yards of native 6-12 inch rock rip rap in areas 10 feet long and 12 feet wide at each end of the culvert. The construction will be done during the dry months of the year within a dry channel. The new culvert shall be placed within the footprint of the existing culvert and is adequately sized to carry peak storm flows. The culvert shall be properly aligned within the stream and otherwise engineered, installed and maintained, to assure resistance to washout, and erosion of the stream bed and banks. Erosion control methods for the project, depending on conditions, may include hydroseeding, straw mulch, geotextiles, plastic covers and blankets or mats. Whenever it is not possible to utilize erosion prevention measures, exposed slopes shall employ sediment control devices such as fiber rolls and silt fences.

The construction is planned to begin in late June or July and completed in July or August

Compensatory mitigation is required for this project. Such mitigation actions will include planting of native vegetation along the stream banks and riparian zone, and the maintaining of such vegetation by irrigation. Yearly assessments of the mitigated areas will be submitted to the Regional Water Board and then reviewed by staff to determine the effectiveness of the mitigation actions. Yearly monitoring reports will continue for 5 years.

Mr. Sloan has received the U.S. Army Corps of Engineers authorization under Department of the Army Nationwide Permit (NWP) 3 for Maintenance and NWP 14 for Linear Transportation Projects (72 Fed. Reg. 11,092; Mar. 12, 2007), pursuant to

section 404 of the Clean Water Act (33 U.S.C. Section 1344). The project has also received approval from the department of fish and game under the Lake and Streambed Alteration Agreement (permit 1602). This project is categorically exempt under the California Environmental Quality Act (CEQA) because the project replaces an existing structure of roughly the same size, capacity and purpose (CCR: Title 14, Chapter 3, 15302) as determined by the Department of Fish and Game acting as the lead agency for CEQA.

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 Brian Lindell at (707) 576-6732, blindell@waterboards.ca.gov, or Stephen Bargsten at (707) 576-2653, or at sbargsten@waterboards.ca.gov, within 21 days of the posting of this notice.