

California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program NO. R1-2008-0006

FOR

SIERRA-PACIFIC INDUSTRIES  
2593 New Navy Base Road  
Arcata, California

Humboldt County

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of sediment surfaces and submission of technical reports. Reports are required on an annual basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning erosional activities along the banks of the Mad River Slough.

Under the authority of CWC section 13267, the Discharger named above is required to comply with the following:

**REQUIREMENTS**

1. Four gauging stations will be installed along the facility shoreline to measure bed elevation changes.
2. Two additional gauging stations will be installed; one within the middle of Mad River Slough and one along the shoreline opposite from the facility.
3. The opposite shore from the Sierra Pacific site is pasture land. If the present agricultural lands are changed to residential or other type of development that will increase storm water runoff, more frequent monitoring will be required.
4. If the Discharger becomes aware of any proposed dredging of the Slough or observes such activities, the Discharger will immediately inform the Regional Water Board.
5. Restrict access to facility shoreline with signage along the shoreline prohibiting trespassing.

**MONITORING**

1. All gauging stations will be measured horizontally and vertically to determine the elevation of the top of the sediment each year for five years and then every five years thereafter.

2. Within one month of the following natural events all gauging stations will be visually inspected (except the center of slough which will be directly measured) from facility shoreline for evidence of erosion, uplift, or subsidence: any diversion or overflow from the Mad River reaching the Mad River Slough, a magnitude 5 or larger earthquake as measured at Humboldt State University or the City of Eureka, a 10 year frequency or greater storm event as measured at the National Weather Service station on Woodley Island, and/or a tsunami entering Humboldt Bay
3. Yearly monitoring of any changes of the areal extent of eel grass. Use photographs taken during the peak of growing season in July or August to determine any substantial changes to the extent of the eel grass within the vicinity of the facility.
4. If sediment elevation data indicates scour along the facility shoreline is occurring greater than six inches, sediment samples will be collected in the area of scour and analyzed for dioxins and furans. The sampling will occur within one month of the collection of the sediment elevation data.

### **REPORTING**

Annual monitoring reports shall include required elevation data, eel grass survey results including the photographs, and a status report on the occurrence of any of the above referenced natural events. Annual monitoring reports shall be submitted to this office by September first of each year.

All data and reports shall be electronically submitted in the proper format to the State Water Resources Control Board's GeoTracker database.

Ordered by \_\_\_\_\_  
Robert R. Klamt  
Interim Executive Officer

January 4, 2008