

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2000-39

FOR

SONOMA COUNTY WATER AGENCY
HEALDSBURG WAR MEMORIAL DAM FISH LADDER

Sonoma County

MONITORING

The following monitoring program shall be followed whenever any discharge from site activities results in a visible increase in turbidity of the Russian River. Samples of the affected waterway shall be taken immediately upstream¹, immediately downstream², and 500 feet downstream from the source of the turbidity for the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Turbidity	NTU's	Grab	Not less than once every four hours

The following monitoring program shall be followed whenever there is any discharge to the Russian River from the coffer dams and stilling basin systems described in Finding 4 of this Order. For each sampling frequency and constituent, samples of the affected waterway shall be taken immediately upstream¹, immediately downstream², and 500 feet downstream from the source of the turbidity for the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Total Suspended Solids	mg/l	Grab	Daily ³
Settleable Solids	ml/l	Grab	Daily ³
Turbidity	NTU's	Grab	Daily ³
pH	pH units	Grab	Daily ³

¹ The sample shall be collected at least 50 feet upstream of the diversion dam and outside of any localized influences from other activities; it should represent the receiving water upstream of the diversion dam.

² The sample shall be collected at a point within 50 feet downstream from the in-stream dam placed to contain work zone water within any particular construction phase.

³ The sample shall be collected daily until the discharge has ceased. After proving compliance with receiving water limitations, sampling shall be performed weekly.

REPORTING

Monitoring reports shall be submitted to the Regional Water Board monthly by the 15th day of the following month during construction periods. Post- construction monitoring reports and reports for inactive periods shall be submitted within 60 days following the required monitoring frequency. Reports received later than these dates will be considered violations of this Order. In reporting monitoring data, the discharger shall arrange the data in tabular form on an 8 1/2 by 11-inch sheet so the date, constituents, and concentration are readily discernible. The monitoring reports shall contain new data as well as historical data. The monitoring reports shall contain a detailed map showing the location of sample collection points. If the discharger is unable to collect samples for any reason, the monitoring report shall so indicate. The monitoring data and any necessary narrative reports shall be properly titled and referenced to this Order and shall be submitted to the Regional Water Board and certified to be true and correct by penalty of perjury.

NOTIFICATION

The discharger shall submit a notice in writing to the Regional Water Board in advance of any activity which involves a live stream, including the construction of stream crossings, coffer dams, and other water quality control facilities that could cause turbidity in the river. The notice shall include:

1. Proposed construction dates
2. Discharger's designated liaison contact for coordination with the Regional Water Board, and
3. Location of sampling stations required for monitoring

In the event the of a discharge to the Russian River, the discharger must notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the noncompliance and shall indicate the steps taken to correct the problem and the dates thereof, and the steps being taken to prevent the problem from recurring.

Ordered by: _____

Lee Michlin
Executive Officer

May 25,2000