

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2004-0062

FOR

PACIFIC GAS AND ELECTRIC
FRESHWATER SLOUGH GAS PIPELINE REPLACEMENT

Humboldt County

MONITORING

A. Wastewater/Effluent

The wastewater/effluent generated from dewatering activities shall be monitored for the following parameters prior to any discharge to Freshwater Slough and at the frequency specified below:

<u>Parameter</u>	<u>Unit</u>	<u>Type</u>	<u>Sampling Frequency</u> ¹
Flow	gallons/day	---	continuous measurement
Turbidity	NTUs	grab	daily
Conductivity	micromhos	grab	daily
Hydrogen Ion	pH units	grab	daily
Temperature	Fahrenheit	grab	daily
Dissolved Oxygen	mg/L	grab	daily

B. Receiving Water (Freshwater Slough)²

Prior to any discharge, the receiving water shall be monitored for the following parameters in the area where the discharge will occur. The receiving water shall also be monitored for the following while there is a discharge.

<u>Parameter</u>	<u>Unit</u>	<u>Type</u>	<u>Sampling Frequency</u>
Turbidity	NTU	grab	daily
Conductivity	micromhos	grab	daily
Hydrogen Ion	pH units	grab	daily
Temperature	Fahrenheit	grab	daily
Dissolved Oxygen	mg/L	grab	daily

C. Reporting

A monitoring report shall be submitted to the Regional Water Board such that it is received within 15 days following completion of the project's dewatering activities. The monitoring report shall contain all monitoring results that were obtained during the project duration, the date,

¹ While discharges from construction dewatering activities are occurring

² Receiving water measurements taken after a discharge begins shall be collected in the area representative of the mixing zone where the discharge water enters the receiving water and as otherwise necessary to demonstrate compliance with the Receiving Water Limitations specified in Order No. 93-61.

exact place, time of sampling, and name of person who performed the sampling. In reporting the monitoring data, the discharger shall arrange the data in a tabular format so that the date and monitoring information are readily discernible. The data shall be summarized in such a manner as to illustrate clearly compliance with Order No. 93-61. The monitoring report shall be signed by a responsible corporate officer as defined in Order No. 93-61.

Ordered by _____

Catherine E. Kuhlman
Executive Officer

July 13, 2004