

California Regional Water Quality Control Board
North Coast Region

ORDER NO. R1-2002-0076
NPDES PERMIT NO. CA0024571

MONITORING AND REPORTING PROGRAM

FOR

FAIRHAVEN POWER COMPANY

Humboldt County

MONITORING

The permittee shall continuously monitor and record the flow rates of wastewater discharged to the Samoa Pacific Cellulose, LLC outfall. Grab samples shall be collected and analyzed for the following:

Boiler and Cooling Water Blowdown

Constituents	Units	Frequency
Free Chlorine	mg/l	Quarterly
Total and Hexavalent Chromium	mg/l	Quarterly
Zinc	mg/l	Quarterly
Hydrogen Ion	mg/l	Quarterly
Copper	mg/l	Quarterly

Low Volume Waste (Non-Blowdown Wastes)

Constituents	Units	Frequency
Total and Suspended Solids	mg/l	Quarterly
Oil and Grease	mg/l	Quarterly
Hydrogen Ion	pH	Quarterly

Gross Effluent Waste Stream

Constituents	Units	Frequency
Total and Hexavalent Chromium	mg/l	Quarterly
Zinc	mg/l	Quarterly
Hydrogen Ion	mg/l	Quarterly
Copper	mg/l	Quarterly
Lead	mg/l	Quarterly

TABLE B CONSTITUENT TESTING

Once during the lifetime of the permit, the gross effluent shall be sampled and analyzed for all constituents contained in Table B of the Ocean Plan¹ or amendments thereof.

CHRONIC TOXICITY

Once per year, a 24-hour composite sample of waste water shall be collected prior to discharging to the Samoa Pacific Cellulose LLC pipeline and shall be analyzed for Toxicity Concentration (TUC). Red Abalone Haliotis rufescens shall be used for toxicity measurements. The Procedures Manual for Conducting Toxicity Tests developed by the Marine Bioassay Project SWRCB 1996, 96-1WQ shall be used for conducting toxicity measurements. In those instances when it is difficult or impossible to spawn Red Abalone, the monitoring report shall specifically note the reasons for the failure to run the test(s). The Regional Water Board Executive Officer may direct use of a backup species if use of the Red Abalone becomes problematic.

SOLID WASTE HANDLING

The permittee shall include a summary of the volume and storage/disposal methods for solid wastes generated on-site in each quarterly report.

In addition, the permittee shall maintain detailed records regarding the disposition of solid wastes applied as a soil amendment to land. Information shall include the name of recipient, location of disposal, volume of waste, and date. Records shall be maintained in a single location at the facility and provided for review upon request.

¹ California Ocean Plan, State Water Resources Control Board, 2001

REPORTING

Quarterly monitoring reports for the periods Jan.-Mar., Apr.-June, July-Sept., and Oct.-Dec. shall be received by the Regional Water Board by the first day of the second month following the monitoring period (May, August, November, and February). In reporting the data, the permittee shall present the data in a tabular format on 8-1/2 by 11 inch paper such that the dates, constituents and concentrations, and sampler are readily discernible. Copies of laboratory reports shall be included as an appendix. Data shall be summarized in such a manner to clearly illustrate compliance with permit limits.

The report shall include a summary of the flow rate recordings showing the average monthly, the daily maximum and minimum flow rates for the month, and the total volume of waste discharged during the month.

The permittee shall maintain an inventory of hazardous materials used on the site and audit their use and disposition. A report describing quantities and dispositions shall be submitted once each year as part of the annual report.

Water quality data shall be kept for a minimum period of 3 years.

Order by _____
Susan A. Warner
Executive Officer
August 22, 2002