

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2001-63

FOR

SAMOA PACIFIC CELLULOSE, LLC
SAMOA PULP MILL

Humboldt County

The purpose of the monitoring program is to document compliance with waste discharge requirements (NPDES Permit).

The monitoring program is a dynamic document, which may be revised at any time during the term of the Order by the Regional Water Board. Revisions may include a reduction or increase in the number of parameters to be monitored, the frequency of monitoring, the number of stations to be monitored and the number and size of samples to be collected. Any changes will be considered at a regular meeting of the Regional Water Board and will be properly noticed. Receiving water monitoring shall be required during the six-month period preceding submittal of a permit renewal application to verify that receiving water conditions have not changed.

1. Influent Monitoring

A sampling station shall be established at a representative point of inflow to the water treatment plant. The following shall constitute the monitoring program for the influent flow to the water treatment plant:

<u>Parameter</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Inflow (total)	mgd	recorder/totalizer	continuous
Total Suspended Solids	mg/l	24-hour composite	once per week

2. Effluent Monitoring

a. Water Treatment Plant (outfall 101)

An internal monitoring station shall be established at a representative point of outflow from the water treatment plant prior to mixing with the Pulpmill process wastewater (outfall 001). The following shall constitute the monitoring program for outfall 101:

<u>Parameter</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Flow (total)	mgd	recorder/totalizer	continuous
Total Suspended Solids	mg/l	24-hour composite	once per week

b. Treated Water Supply

An internal monitoring station shall be established at a representative point of outflow from the water treatment plant for treated water prior to use in the pulp mill. The following shall constitute the monitoring program for treated water supply:

<u>Parameter</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Adsorbable Organic Halides, (AOX)	ug/l	24-hour composite	once per month

c. Pulpmill (process, outfall 001)

A monitoring station shall be established at a representative point of discharge from the Pulpmill (manhole 5). The following shall be measured:

<u>Parameter</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Flow (total)	mgd	recorder/totalizer	continuous
BOD ₅	mg/l	24-hour composite	once per week
Total Suspended Solids	mg/l	24-hour composite	once per week
Settleable Solids	ml/l	24-hour composite	once per week
Temperature	°C	recorder	continuous
Hydrogen Ion	pH	recorder	continuous
Oil and Grease	mg/l	grab	once per quarter
Ammonia	mg/l	grab	once per quarter
Adsorbable Organic Halides, (AOX)	ug/l	24-hour composite	once per month
Toxic Materials Limitations, Effluent limitations B-3	various	24-hour composite	semi annually
Toxicity Concentration	TUc	24-hour composite	once per month

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 staff may direct use of a backup species if use of the Red Abalone becomes problematic.

3. Special Effluent Monitoring

During periods of “startup” and “shutdown” of the pulpmill, total suspended solids shall be monitored daily for a minimum of five days and until stable operational conditions have been reached. 24-hour composite samples shall be collected in the same manner as the weekly samples.

4. Solids Monitoring

The disposition of collected screenings, sludges, and other solids shall be reported annually as part of the annual report which is due by February 28 of each year. The quantity, source, and type of solid waste and the place of disposal shall be described.

5. Outfall Monitoring

An annual survey, at a time selected by the permittee, shall be conducted which shall consist of an examination of the outfall and diffuser port system for leaks and proper flow distribution. The results of the survey shall be submitted to the Regional Water Board within 45 days of the completion of the work. The results of any additional surveys or inspections conducted by the permittee shall be reported to the Regional Water Board.

6. Reporting

All monitoring and reporting shall be in accordance with the "General Monitoring Requirements and General Reporting Requirements" contained in Waste Discharge Requirements, Order No. R1-2001-63 (NPDES Permit No. CA0005894) which was adopted on June 28, 2001.

Ordered By _____
Lee A. Michlin
Executive Officer

June 28, 2001