

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2003-0059
WDID NO. 1B812020SON

FOR

SONOMA WEST HOLDINGS, INCORPORATED
WASTEWATER TREATMENT FACILITY, PLANT NO. 2

Sonoma County

MONITORING

Influent Monitoring

The following samples shall be collected and analyzed at the following frequency:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/l	grab	weekly
Flow	gpd	meter	continuous

Effluent Monitoring

The following samples shall be collected and analyzed at the following frequency:

**Monitoring Discharge of Treated Process Wastewater to Barlow Creek
(Discharge Serial No. 001)**

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Flow	gpd	meter	daily
pH	pH units	grab	daily
Temperature	°C	grab	daily
Chlorine Residual	mg/l	grab	daily
BOD (20°C, 5-day)	mg/l	grab	weekly
Chemical Oxygen Demand	mg/l	grab	weekly
TSS	mg/l	grab	weekly
Settleable Solids	ml/l	grab	weekly
Cadmium	µg/l	grab	weekly
Copper	µg/l	grab	weekly
Cyanide	µg/l	grab	weekly
Nickel	µg/l	grab	weekly
Selenium	µg/l	grab	weekly

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Zinc	µg/l	grab	weekly
Total Coliform Organisms	MPN/100 ml	grab	weekly
Turbidity	NTU	grab	weekly
Total Kjeldahl Nitrogen	mg/l	grab	monthly
Nitrate-Nitrogen	mg/l	grab	monthly
Ammonia	mg/l	grab	monthly
Acute Toxicity Bioassay		grab	monthly
Chronic Toxicity Bioassay	TUc	grab	annually

**Monitoring Discharge of Treated Domestic Wastewater to Irrigation Bench No. 1
(Discharge Serial No. 003)**

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/l	grab	weekly
TSS	mg/l	grab	weekly
pH	pH units	grab	weekly
Chlorine Residual	mg/l	grab	weekly
Total Kjeldahl Nitrogen	mg/l	grab	monthly
Total Coliform Organisms	MPN/100 ml	grab	weekly
Flow	gpd	meter	continuous

Monitoring Wastewater in Storage

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/l	grab	monthly
TSS	mg/l	grab	monthly
Dissolved Oxygen	ml/l	grab	monthly
pH	pH units	grab	monthly
Settleable Solids	ml/l	grab	monthly
Total Coliform Organisms	MPN/100 ml	grab	monthly

The Permittee shall determine weekly the volume of stored wastewater and remaining storage capacity.

Monitoring Bench Storm Water Runoff During Storm Events

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/l	grab	once
TSS	mg/l	grab	once
pH	pH units	grab	once
Settleable Solids	ml/l	grab	once
Total Coliform Organisms	MPN/100 ml	grab	once

Monitoring Receiving Water

While discharging to Atascadero Creek via Barlow Creek, samples shall be taken at one location upstream and one location downstream of the point of discharge, approved by the Executive Officer. The receiving water shall be monitored for all of the constituents or parameters listed below during any discharge event:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Turbidity	NTU	grab	weekly
Dissolved Oxygen	ml/l	grab	weekly
pH	pH units	grab	weekly
Hardness (CaCO ₃)	mg/l	grab	monthly

Monitoring Solid Waste Generated

The Permittee shall record monthly the amount of solid waste generated and the location and method of disposal.

REPORTING

Monthly Report

The purpose of the report is to document treatment performance, effluent quality and compliance with waste discharge requirements prescribed by Order No. R1-2003-0059. For each calendar month, a self-monitoring report shall be submitted to the Regional Water Board in accordance with the following:

1. The report shall be received in the Regional Water Board office no later than the last day of the following month.
2. *Letter of Transmittal:* Each report shall be submitted with a letter of transmittal. This letter shall include the following:
 - a. Identification of facility: name, address, WDID number;
 - b. Date of report and monitoring period;
 - c. Identification of all violations of effluent limitations or other discharge requirements found during the monitoring period;
 - d. Details of the violations: parameters, magnitude, test results, frequency, and dates;
 - e. The cause of the violation;
 - f. Discussion of corrective actions taken or planned to resolve violations and prevent recurrence, and dates or time schedule of action implementation; and
 - g. Authorized signature and certification statement.
3. *Compliance Evaluation Summary:* Each report shall include a compliance evaluation summary. The summary shall illustrate clearly the facility's compliance with all effluent limitations and other waste discharge requirements. During periods of no discharge, the reports shall certify no discharge.

4. *Results of Analyses and Observations:* Each report shall include the following:
 - a. Tabulations of all required analyses, including parameter, sample date and time, sample station, and test result;
 - b. If the Permittee monitors any pollutant more frequently than required by this Permit, using test procedures approved under 40 CFR Part 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and report of the data submitted in the monitoring report; and
 - c. Calculation of all effluent limitations that require averaging, taking of a median, or other calculation.
5. *Report Submittal:* Copies of each monitoring report shall be mailed to:

North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Annual Report

An annual monitoring report shall be submitted so that it is received by the Regional Water Board no later than February 28th of each year. The report shall contain both tabular and graphical summaries of the monitoring data and disposal records from the previous year. In addition, the Permittee shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the permit. The Permittee shall also include a list of the current tenants, type of operation and estimated monthly wastewater flow of each tenant.

Ordered by _____

Catherine E. Kuhlman
Executive Officer

November 5, 2003