

California Regional Water Quality Control Board  
North Coast Region

Monitoring And Reporting Program No. R1-2000-06

For  
Masonite Corporation - Ukiah Mill

Mendocino County

MONITORING

Monitoring of Discharge to the Russian River (Serial No. 001)

Whenever there is a discharge to the Russian River, samples shall be collected downstream from the last connection through which waste can be admitted to the outfall. Composite samples may be taken by a proportional sampling device approved by the Executive Officer or by grab samples composited in proportion to flow. In composite grab samples, the sampling interval shall not exceed one hour. The following shall constitute the monitoring program:

| <u>Constituent</u>         | <u>Units</u>       | <u>Type of Sample</u> | <u>Sampling Frequency</u> |
|----------------------------|--------------------|-----------------------|---------------------------|
| BOD (20°C, 5-Day)          | mg/L               | 24-hour composite     | weekly                    |
| Settleable Solids          | ml/L               | grab                  | weekly                    |
| Suspended Solids           | mg/L               | 24-hour composite     | weekly                    |
| Hydrogen Ion               | pH                 | grab                  | daily                     |
| Average Daily Flow         | MGD                | ---                   | daily                     |
| Grease and Oil             | mg/L               | 24-hour composite     | weekly                    |
| Fish Bioassay <sup>a</sup> | 96-hour % survival | grab                  | monthly                   |
| Phenols                    | mg/L               | grab                  | weekly                    |
| Copper                     | ug/L               | grab                  | monthly                   |
| Nickel                     | ug/L               | grab                  | monthly                   |
| Zinc                       | ug/L               | grab                  | monthly                   |
| Tributyltin                | ng/L               | grab                  | monthly                   |

Monitoring of Discharge to Land (Serial No. 002, 003)

Whenever there is a discharge to land, samples shall be collected downstream from the last connection through which waste can be admitted to the outfall. Composite samples may be taken by a proportional sampling device approved by the Executive Officer or by grab samples composited in proportion to flow. In composite grab samples, the sampling interval shall not exceed one hour. The following shall constitute the monitoring program:

| <u>Constituent</u> | <u>Units</u> | <u>Type of sample</u>    | <u>Sampling Frequency</u> |
|--------------------|--------------|--------------------------|---------------------------|
| BOD (20°C, 5-day)  | mg/L         | 24 hour composite        | weekly                    |
| Settleable Solids  | ml/L         | grab                     | weekly                    |
| Suspended Solids   | mg/L         | 3 grabs per sampling day | weekly                    |

Monitoring of Groundwater in the Land Disposal Area

Samples shall be collected from observation wells NW No. 1, SW No. 1, and SW No. 3. Immediately prior to sampling the wells, the water standing in the casing shall be pumped for 5 minutes or until evacuated. A grab sample shall then be taken from the inflowing water and analyzed for the following constituents:

| <u>Constituent</u>  | <u>Units</u> | <u>Sampling Frequency</u> |
|---------------------|--------------|---------------------------|
| BOD (20°C, 5-day)   | mg/L         | annually <sup>b</sup>     |
| Turbidity           | NTU          | annually <sup>b</sup>     |
| pH                  | pH units     | annually <sup>b</sup>     |
| Lead                | ug/L         | annually <sup>b</sup>     |
| Cadmium             | ug/L         | annually <sup>b</sup>     |
| Hexavalent Chromium | ug/L         | annually <sup>b</sup>     |
| Nitrate N           | mg/L         | annually <sup>b</sup>     |
| Ammonia N           | mg/L         | annually <sup>b</sup>     |
| Total Kjeldahl N    | mg/L         | annually <sup>b</sup>     |

Monitoring Receiving Waters

During periods of discharge to the Russian River samples shall be collected upstream from Discharge Serial No. 001 and samples shall also be collected downstream from Discharge Serial No. 001. Both the upstream and downstream sampling points shall be approved by the Executive Officer. The following shall constitute the receiving waters monitoring program:

<sup>a</sup> The rainbow trout, Oncorhynchus mykiss, shall be used as the test fish and the test temperature shall be maintained between 14° and 17°C.

<sup>b</sup> Samples shall be collected each year during the month of September.

| <u>Constituent</u>            | <u>Units</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> |
|-------------------------------|--------------|-----------------------|---------------------------|
| Dissolved Oxygen              | mg/L         | grab                  | monthly                   |
| BOD (20°C, 5-day)             | mg/L         | grab                  | monthly                   |
| Hydrogen Ion                  | pH           | grab                  | monthly                   |
| Turbidity                     | NTU          | grab                  | monthly                   |
| Temperature                   | °C           | grab                  | monthly                   |
| Hardness (CaCO <sub>3</sub> ) | mg/L         | grab                  | monthly                   |

Fly Ash Monitoring

The following will constitute the ash monitoring program:

| <u>Location</u>       | <u>Units</u> | <u>Reporting Frequency</u> |
|-----------------------|--------------|----------------------------|
| Fly ash stored onsite | tons         | monthly                    |

Monitoring and Reporting  
Program No. R1-2000-06  
Fly ash transported off-site

3

tons

monthly

### REPORTING

Monthly monitoring reports shall be submitted to the Board for each month by the 15th day of the following month. In reporting the monitoring data, the discharger shall arrange the data on an 8 1/2 by 11 inch sheet in tabular form so that the sampling point, the data, the constituents, and the concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly the compliance with waste discharge requirements. During periods of no discharge, the reports shall certify no discharge. Copies of each monitoring report shall be mailed to:

Regional Administrator  
U.S. Environmental Protection Agency, Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

Ordered By \_\_\_\_\_

Lee Michlin  
Executive Officer

January 27, 2000

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