

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM ORDER NO. R1-2011-0070
STORM WATER

FOR

SIMPSON TIMBER COMPANY
1200 West Del Norte Avenue
Eureka, California
Case No. 1NHU103

Humboldt County

This Monitoring and Reporting Program is issued pursuant to California Water Code (CWC) Section 13267(b) and requires monitoring of stormwater as outlined in the Discharger's *Storm Water Monitoring Plan* and submission of technical reports for stormwater. Reports are required on an annual basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning stormwater quality at the site.

Under the authority of the California Water Code Section 13267, the Discharger named above is required to comply with the following:

MONITORING

1. Stormwater monitoring stations are shown in Attachment 1.
2. Each stormwater monitoring stations SP-1, SP-5, and SP-6, shall be sampled twice per wet season (October 1 through May 31). The stormwater sampling shall occur once during the first storm that generates runoff during scheduled facility operating hours and once during a storm that generates runoff at least one month later. The following parameters shall be analyzed: chemicals shown in Table 1, total suspended solids, pH, and specific conductance.
3. Stormwater monitoring stations SP-2 and SP-7 shall be visually observed during the stormwater sampling episodes and shall be sampled for the parameters and constituents listed in requirement 2 if the stormwater discharge from those points has a different appearance than SP-1 and SP-5, respectively .
4. Stormwater samples shall not be filtered prior to analysis, except that samples for copper and zinc may be filtered in the analytical laboratory, as needed, for analysis of the dissolved fraction.
5. Storm conditions during, and immediately prior to, the sampling episodes shall be recorded and related to the time that samples are collected. The time that

stormwater discharge began prior to the sampling episode also shall be recorded along with the time that samples are collected.

6. All laboratory analyses shall be performed at a laboratory certified by the California Department of Public Health.
7. The Discharger shall conduct an annual comprehensive facility evaluation to identify areas of the facility that contribute pollutants to stormwater discharges and evaluate whether best management practices to reduce pollutant loads that are identified in the Discharger's *Storm Water Monitoring Plan* are adequate and properly operational. The Discharger shall determine whether additional control measures are needed and shall implement any additional measures needed to control stormwater pollutants.

REPORTING

8. An annual stormwater report covering the annual sampling period of October 1 through May 31 shall be submitted in hard copy form to this office by July 15 of each year. In addition, the annual stormwater report, along with the monitoring data shall be submitted electronically to the State Water Resources Control Board GeoTracker database as required by Title 23, Division 3, Chapter 30 of the California Code of Regulations.
9. The annual stormwater monitoring report shall contain current and previous analytical results and field parameter measurements in tabular format. The current results shall also be reported on a site plan, including the following:
 - a. sampling point;
 - b. date of sample collection;
 - c. constituents and analytical results; and
 - d. quantification limits employed for non-detect analytical results.
10. The annual stormwater report shall contain copies of the sampling field logs; chain of custody documents (indicating the time and date of sample collection and the person collecting the samples); any visual observations pertinent to the monitoring event, including visual observations of stormwater discharges conducted during stormwater sampling events; and, signed laboratory sheets including quality control data, reporting limits, and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.
11. The annual stormwater report shall contain the annual comprehensive facility evaluation as required by the Discharger's *Storm Water Monitoring Plan*, along with an evaluation and recommendation(s) about whether additional stormwater control measures are needed.
12. The annual stormwater report shall contain a report of the maintenance of, and any modifications to, the stormwater best management practices used at the site.

13. If one or more requirements of this program cannot be provided, the annual stormwater report shall state the reason for the omission and explain what corrective actions shall be employed to prevent future omissions.

Ordered by _____

Catherine Kuhlman
Executive Officer

June 14, 2011

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Table 1:

Stormwater Monitoring Program

Analyte		Sample Locations	Frequency
TSS	Total Suspended Solids	SP-1, SP-5, SP-6	Two qualifying events per wet season
pH	pH	SP-1, SP-5, SP-6	Two qualifying events per wet season
O&G	Oil and Grease	SP-1, SP-5, SP-6	Two qualifying events per wet season
SC	Specific Conductance	SP-1, SP-5, SP-6	Two qualifying events per wet season
Copper	Dissolved Copper	SP-1, SP-5, SP-6	Two qualifying events per wet season
Dioxins	Dioxin and furan congeners	SP-1, SP-5, SP-6	During first qualifying event only
Zinc	Dissolved Zinc	SP-5, SP-6	Two qualifying events per wet season

Attachment 1: Stormwater Monitoring Points



Monitoring Points
Simpson Timber Company, 1200 West Del Norte Avenue, Eureka, California

○ Stormwater Monitoring Points, locations approximate