California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM ORDER NO. R1-2012-0055
Rescinds Monitoring and Reporting Program Order No. R1-2004-0094
FOR

COAST WOOD PRESERVING
Plant and Taylor drive
Ukiah, California

Mendocino County

This Monitoring and Reporting Program is issued pursuant to California Water Code Section 13267(b) and requires monitoring of storm water and groundwater, and submission of technical reports. Reports are required on a semiannual basis. All monitoring reports shall be submitted to the Regional Water Board in accordance with the reporting schedule. In addition, all monitoring reports shall be submitted to the Department of Toxic Substances Control, and the U.S. Environmental Protection Agency. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site. This Monitoring and Reporting Program rescinds and replaces Monitoring and Reporting Program Order No. R1-2004-0094, issued on November 29, 2004.

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

Stormwater Sampling

Storm water samples shall be collected at the upstream and downstream end of the northern culvert (Points NE and NW) and approximately 100 feet downstream of the confluence of the north and south drainages (Point C-100) during the first storms of the rainy season, not to exceed three storms, and at least monthly with storm events between October 1 and May 1 (Figure 2). The discharger may eliminate this latter monthly monitoring with the consent of the Executive Officer, if previous monitoring data shows that no storm water discharge is occurring. Storm water samples shall be analyzed for total chromium, arsenic, copper, ammonia, and chloride. More comprehensive sampling should commence under the spill plan should any incident occur which causes a discharge, or could cause a storm-generated discharge.

Groundwater Monitoring

Groundwater levels from all monitoring wells shall be measured semiannually. Current and historical data shall be tabulated and provide the following: top of casing elevation, depth to water, and water table elevation above mean sea level. Damage or water intrusion into the well head vault shall be reported and corrected. Groundwater gradient maps shall be prepared. Vertical gradients shall be calculated and presented.

Groundwater samples shall be collected from each monitoring well specified in Table 1 (attached). Table 1 lists the frequency of sampling, and the constituents to be analyzed.

Prior to sampling, the well shall be properly purged. Purging, sampling and decontamination protocols, and field sampling logs shall be submitted. Logs shall include equilibrium measurements, pumping rates, and other pertinent information.

Hexavalent chromium analyses must be performed within 24 hours of sample collection. Sample date and time and analysis date and time shall be reported.

Maintenance

The discharger shall conduct facility inspections and maintenance as specified in the Revised Remedial Action Plan. Records of inspection and maintenance shall be included with the monitoring reports.

Reporting

A comprehensive annual groundwater monitoring report shall be submitted to the Regional Water Board on or before February 28 of each year. Semiannual sampling data shall be submitted on or before August 30 of each year. The groundwater monitoring report shall contain all the information requested under the headings Storm Water Sampling, Groundwater Monitoring, Maintenance, and Reporting. The annual report shall contain isoconcentration maps, groundwater elevation contour maps, depths to groundwater from each sampling event, laboratory results, and interpretation of the data. Reports shall present the data in tabular format, and contain any information from monitoring performed more frequently than required, or at locations not required by this program and shall present the data collected or sampled at the facility.

Groundwater elevation contour maps and isoconcentration maps shall be submitted in the annual report. All concentrations shall be posted on the map and included in the contouring of the data.

Groundwater monitoring data and reports shall also be submitted electronically to the State Water Resources Control Board's Geographic Environmental Information Management System database (GeoTracker) as required by Title 23, Division 3, Chapter 30, Article 2, Sections 3890-3895 of the California Code of Regulations).

Each report shall contain copies of the chain of custody including the date and time of sample collection, the name of the person collecting the samples, and the signed laboratory sheets including QA/QC. All laboratory analyses must be performed by a laboratory certified for those analyses by the State of California Department of Health Services.

Ordered by _____

Catherine Kuhlman
Executive Officer

April 3, 2012

Table 1

Well ID No.	**Sampling Frequency**	**Sampling Parameters** **Total Dissolved Chromium** **Dissolved Arsenic** **Dissolved Manganese, Dissolved Calcium, Dissolved Sulfate** **Ammonia as NH3**
CWP-5	Semiannual Annual	X Hexavalent Chromium
CWP-6	Semiannual	X
CWP-8S*	Quarterly	X
CWP-8D*	Quarterly	X
CWP13	Annual	X
CWP-20	Semiannual	X
CWP-21	Semiannual Annual	X Hexavalent Chromium
CWP-22	Semiannual	X
CWP-101	Semiannual	X
CWP-102	Semiannual	X
		X Hexavalent Chromium
CWP-105	Semiannual Annual	X Hexavalent Chromium
CWP-106	Semiannual Annual	X Hexavalent Chromium
CWP-107	Semiannual	X
CWP-108	Semiannual	X
CWP-111	No Sampling Required. Retain as a backup to CWP-21	
CWP-113	Semiannual	X
CWP-114	Semiannual	X
CWP-115	Semiannual in January & April	X
CWP-116	Semiannual Annual	X Hexavalent Chromium
CWP-118A	Semiannual	X
CWP-118B	Semiannual Annual	X Hexavalent Chromium
CWP-120A	Semiannual	X

Well ID No.	**Sampling Frequency**	**<u>Sampling Parameters</u> Total Dissolved Chromium Dissolved Arsenic Dissolved Manganese, Dissolved Calcium, Dissolved Sulfate Ammonia as NH3**
	Annual	Hexavalent Chromium
CWP120B	Semiannual	X
CWP-121A	Semiannual	X
CWP-121B	Semiannual	
CWP-122*	Quarterly	X
HL-7	Semiannual Annual	X Hexavalent Chromium

* Monitoring Wells CWP-8S, CWP-8D, and CWP-122 shall be sampled quarterly for one year, and semiannually thereafter.

Total Dissolved Chromium, EPA Method 7196
Hexavalent Chromium, EPA Method 7199
Dissolved Arsenic, EPA Method 6020
Dissolved Iron and Manganese, EPA Method 6010
Sulfate, EPA Method 300.0