

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2007-0046

FOR

INTERNATIONAL PAPER COMPANY  
FORMER MASONITE WOOD TREATMENT FACILITY

Sonoma County

This Monitoring and Reporting Program is issued pursuant to California Water Code Section 13267(b) and requires monitoring of groundwater and submission of technical reports. Reports are required on a semiannual basis. 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.

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

Monitoring

1. The depth to groundwater in each monitoring well shall be determined to at least 0.01-foot increments semiannually. The groundwater elevation shall be computed by subtracting the measured depth from the well top elevation reference point, both of which should be reported. The data generated from the elevation readings must be referenced to mean sea level.
2. The following monitoring wells shall be sampled for the constituents in accordance with the schedule described below. Each well shall be measured in the field (or by a certified laboratory) for dissolved oxygen, pH, groundwater temperature, oxidation-reduction potential, and conductivity.

Shallow Overburden Wells

Well ID	Arsenic	PCP	Dissolved Iron	Chloride
MW-6	Semiannual			
MW-12	Semiannual	Semiannual	Semiannual	Semiannual
MW-13		Semiannual		Semiannual
MW-14				Semiannual
MW-23		Semiannual		

3. The following monitoring wells shall be sampled semiannually for the constituents described below. Each well shall be measured in the field (or by a certified laboratory) for pH, and temperature.

#### Bedrock Wells

Well ID	Arsenic Copper Chromium	PCP	TPH Diesel
MW-25	X	X	X
MW-26	X	X	X
MW-27	X	X	X
MW-28	X	X	X
MW-29	X	X	X
MW-30	X	X	X
MW-31	X	X	X
MW-32	X	X	X
MW-33	X	X	X
MW-34	X	X	X
MW-35	X	X	X
Water Supply Well	X	X	X

#### Reporting

1. A groundwater elevation contour map shall be submitted for each set of measurements and include the facility groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured.
2. Groundwater monitoring well sampling shall be submitted semiannually and shall include a map of the facility indicating the groundwater flow direction and the location of all monitoring wells. The analytical data sheets shall be summarized in tabular form illustrating the date, the constituents, the monitoring well elevation, and the concentrations of the constituents.

Ordered by: \_\_\_\_\_

Catherine E. Kuhlman  
Executive Officer

May 29, 2007