

California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program Order No. R1-2011-0078  
Replaces Monitoring and Reporting Program Order No. R1-2004-0017

For

George Schmidbauer  
Schmidbauer Arcata Mill  
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Arcata, California

Humboldt County

**MONITORING**

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. All monitoring reports shall be submitted to the Regional Water Board in accordance with the reporting schedule. 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 replaces Monitoring and Reporting Program Order No. R1-2004-0017, issued on February 20, 2004.

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

1. The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments semiannually. The results of elevation measurements shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
2. Monitoring wells shall be sampled in accordance with Table 1, attached to this Monitoring Program Order. The analysis shall be performed at a certified laboratory.
3. Sampling points SDMH1 and MDDI1 shall be sampled in accordance with Table 1 to verify and presence/absence of Pentachlorophenol (PCP) and/or Tetrachlorophenol (TCP).

4. Each monitoring well that contains detectable levels of PCP and/or TCP shall be sampled annually for dioxins and furans.

### **REPORTING**

5. A groundwater elevation contour map shall be submitted for each semiannual set of measurements and include the facility, groundwater flow pattern and the direction of the groundwater gradient, and the location of the wells measures. Semiannual monitoring reports, including gradient data and semiannual sampling data, shall be submitted to this office in accordance with the following schedule:

<u>Reporting Period</u>	<u>Due Date</u>
January through June	July 15
July through December	January 15

6. 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).

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

Catherine Kuhlman  
Executive Officer

July 19, 2011

Table 1

Well No.	Frequency*	PCP TCP	Dioxins and Furans**	Dissolved Arsenic	Intrinsic Parameters pH, temp., E <sub>cw</sub> , ORP and DO
MW-1	Annual	X		X	X
MW-4	Semiannual	X	X	X	X
MW-7	Annual	X			X
MW-10	Annual	X		X	X
OW1	Semiannual	X	X	X	X
OW2	Semiannual	X	X	X	X
SDMH1	Annual	X			
SDDI1	Annual	X			

\* Annual sampling shall be conducted in the first quarter of each year

\*\* Sampling for Dioxins and Furans shall be sampled in all monitoring wells with detectable levels of PCP and/or TCP. Currently, MW-4, OW1, and OW2 have detectable levels of PCP and/or TCP.