

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program No. R1-2002-0034
(Replaces Monitoring and Reporting Program No. R1-2001-27)

FOR

SIMPSON SAMOA COMPANY
SAMOA, CALIFORNIA

Humboldt County

MONITORING

1. The presence of floating product shall be evaluated in each monitoring well quarterly. The locations of the monitoring wells are shown on Attachment 1 and Attachment 2 to this Monitoring and Reporting Program. If detected, the thickness shall be measured to at least 0.01 foot increments quarterly.
2. The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments quarterly. The results of each quarter's elevation 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.
3. Each monitoring well shall be sampled according to the following schedule. The analyses shall be performed at a certified laboratory for Total Petroleum Hydrocarbons as diesel (TPH-D), Total Petroleum Hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene, xylene (collectively identified as BTEX), the fuel oxygenates that include methyl tert butyl ether (MtBE), pentachlorophenol (PCP), and tetrachlorophenol (TCP).

WELL	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
MW-1	TPH-D, TPH-G, BTEX, MTBE		TPH-D, TPH-G, BTEX, MTBE	
MW-2	TPH-D, TPH-G, BTEX, MTBE			
MW-3	TPH-D, TPH-G, BTEX, MTBE			
MW-4	TPH-D, TPH-G, BTEX, MTBE		TPH-D, TPH-G, BTEX, MTBE	
MW-5	TPH-D, TPH-G, BTEX, MTBE		TPH-D, TPH-G, BTEX, MTBE	
PMW-1	PCP, TCP	PCP, TCP	PCP, TCP	PCP, TCP
PMW-2	PCP, TCP	PCP, TCP	PCP, TCP	PCP, TCP
PMW-3	PCP, TCP	PCP, TCP	PCP, TCP	PCP, TCP
PMW-4	PCP, TCP	PCP, TCP	PCP, TCP	PCP, TCP

4. Any monitoring well with detectable levels of PCP and/or TCP shall be sampled annually for dioxins and furans.
5. All newly installed monitoring wells will be sampled quarterly for the contaminants applicable to the area of well installation.

REPORTING

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

<u>Reporting Period</u>	<u>Due Date</u>
January, February, March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

Ordered by _____
Susan A. Warner
Executive Officer

March 14, 2002