

California Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM R1-2001-104

FOR

MURRISH AND ASSOCIATES
OLD WOOLEN MILL SITE
1400 BROADWAY
EUREKA, CALIFORNIA

Humboldt County

MONITORING

1. The depth to groundwater in all monitoring wells shall be determined to at least 0.01 foot increments quarterly. Elevations shall be reported in tabular format indicating the surveyed elevation of each well reference point, depth to groundwater from referenced point, and actual groundwater elevation. Elevation readings must be referenced to mean sea level.
2. Contour maps shall be developed showing groundwater table elevations at each well along with the determination of the groundwater gradient.
3. The detection and thickness of floating product in all monitoring wells shall be determined and reported quarterly.
4. All monitoring wells shall be sampled quarterly for total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, total petroleum hydrocarbons as motor oil, benzene, toluene, ethyl benzene, xylenes, methyl tertiary-butyl ether, tertiary-butyl alcohol, ethyl tertiary-butyl ether, tertiary-amyl methyl ether, and di-isopropyl ether; and California Assessment Manual (CAM) 7 metals consisting of arsenic, barium, cadmium, chromium, lead, nickel and zinc. The analyses shall be performed at a certified laboratory using EPA approved methodology. Samples shall be collected within 100 days of the last quarterly sampling.

REPORTING

Reports shall be submitted to the Regional Water Quality Control Board according to the following schedule:

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

Reports shall include groundwater elevation contour maps, signed laboratory sheets, interpretations of the data, and tabular summary of past analytical results. In reporting monitoring data, the discharger shall arrange the data in tabular form so that the date, constituents, concentrations, the person collecting the sample and the method detection limit are readily discernable. The data shall be summarized in such a manner to clearly illustrate compliance with the monitoring and reporting program.

Ordered by _____

Susan A. Warner
Executive Officer

August 23, 2001