

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2001-0109

FOR

KEITH AND REBECCA COULOMBE
AND
REDCREST GROCERY

26452 HIGHWAY 254
REDCREST, CALIFORNIA

Humboldt County

MONITORING

1. The presence of floating product shall be evaluated in each treatment system monitoring well monthly. If detected, the thickness shall be measured to at least 0.01 foot increments monthly.
2. The depth to groundwater in each treatment system monitoring well shall be determined to at least 0.01 foot increments monthly. The results of each month'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 treatment system monitoring well and Seeps #1 through #4 shall be sampled monthly for the first three months of system operation and quarterly thereafter. The creek confluence shall be sampled quarterly. The analyses shall be performed at a certified laboratory for Total Petroleum Hydrocarbons as gasoline, benzene, ethylbenzene, toluene, xylene, methyl-tertiary butyl ether (MTBE), tertiary-amyl methyl ether (TAME), diisopropyl ether (DIPE), ethyl-tertiary-butyl ether (ETBE), tertiary-butyl alcohol (TBA), tertiary-butyl formate (TBF), dissolved oxygen, oxidation/reduction potential, and conductivity.

REPORTING

A groundwater elevation contour map shall be submitted for each monthly 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 monthly gradient data and monthly and/or quarterly 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 30
April, May, June	July 30
July, August, September	October 30
October, November, December	January 30

Ordered by _____

Susan A Warner
Executive Officer

October 3, 2001