

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program NO. R1-2000-69

FOR

H.F. Land Company
Tracy Avenue at Widgeon Court
Santa Rosa, California

Sonoma County

MONITORING

1. The presence of floating product shall be evaluated in each monitoring well quarterly. 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.
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1. Each monitoring well shall be sampled monthly for three months following introduction of oxygen releasing compounds into the subsurface. Thereafter, groundwater monitoring will be conducted quarterly for one year. The analyses shall be performed for the following constituents at a California certified laboratory: Total Petroleum Hydrocarbons as gasoline, benzene, ethylbenzene, toluene, xylene, methyl-tertiary butyl ether, Total Petroleum Hydrocarbons as diesel, Total Petroleum Hydrocarbons as motor oil, dissolved oxygen, dissolved iron, nitrate, sulfate, and magnesium.
 2. Groundwater shall be monitored in the field for the following parameters: oxidation/reduction potential, dissolved oxygen, temperature, pH, and conductivity.

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 sampling data, shall be submitted to this office in accordance with the following schedule:

Reporting Period

Due Date

January, February, March

April 30

April, May, June
July, August, September
October, November, December

July 30
October 30
January 30

Ordered by _____
Lee A. Michlin
Executive Officer

September 14, 2000

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