

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM No. R1-2004-0051

FOR

CLEO MYERS
BEACON, M&M
67670 DRIVE THRU TREE ROAD
LEGGETT, CALIFORNIA

Mendocino County

MONITORING

1. The depth to groundwater shall be determined to at least 0.01 foot increments, prior to purging, in all groundwater monitoring wells quarterly. The data generated from the elevation readings must be referenced to mean sea level.
2. Water samples shall be collected for analysis semiannually, during the first and third quarters of the year, from monitoring wells MW-2, MW-3, MW-4, and MW-5.
3. Water samples shall be collected for analysis quarterly from monitoring well MW-1, any other monitoring wells associated with the site, and the Posner water supply well. Samples from the water supply well shall be taken before any filtration, treatment, and storage systems, if possible.
4. Water samples shall be collected for analysis quarterly from the following points in the carbon treatment system on the Sutherland water supply well: the influent, between the first and second carbon canisters, between the second and third carbon canisters, and from the effluent.
5. The water samples shall be analyzed for the following constituents: TPH-g; BTEX; and the fuel oxygenates MTBE, ETBE, TAME, TBA, and DIPE. EPA method 8260 shall be used for fuel oxygenate analyses.
6. All laboratory analyses shall be performed at a laboratory certified by the California Department of Health Services.

REPORTING

1. Written notification of all analytical results for all the water supply wells shall be provided to the respective water supply well owners and copied to the Regional Water Quality Control Board within two weeks of receiving the results. If any contaminants are detected in the Posner water supply well or the effluent of the treatment system on the Sutherland water supply well, verbal notification of the analytical results shall be provided within 24 hours of receiving the results to the respective water supply well owner and Regional Water Quality Control Board staff.

2. Quarterly monitoring reports shall be submitted to this office in accordance with the following schedule:

<u>Reporting Period</u>	<u>Due Date</u>
January, February, March	May 1
April, May, June	August 1
July, August, September	November 1
October, November, December	February 1

3. A groundwater elevation contour map shall be included in the quarterly monitoring reports and shall include the following:

- a) location of the facilities;
- b) location of the monitoring wells;
- c) location of the water supply wells;
- d) location of the former and current underground tanks; and
- e) groundwater flow direction.

4. A contamination isogram diagram for each significant pollutant detected during the monitoring events map shall be included in the quarterly monitoring reports and shall include the following:

- a) location of the facilities;
- b) location of the monitoring wells;
- c) location of the water supply wells; and
- d) location of the former and current underground tanks.

5. Current and previous analytical results shall be reported in the quarterly monitoring reports in tables which include the following:

- a) sampling point;
- b) date of sample collection;
- c) constituents and analytical results; and
- d) quantification limits employed for non-detect analytical results.

6. Each report shall contain copies of the well purging and sampling field logs; chain of custody documents showing the time and date of collection and person collecting; signed laboratory sheets including quality control data and explanations of analytical anomalies, if any; and logs of any maintenance performed on the Sutherland water supply well carbon treatment system. These supporting documents may be included as appendices to the report.

7. Monitoring data shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database.

Ordered by _____

Catherine E. Kuhlman
Executive Officer

June 21, 2004

(BeaconM&M0406)