

California Regional Water Quality Control Board
North Coast Region

Monitoring & Reporting Program No. R1-2005-0080

For

Gerald Martyn
Redwood Tree Service Station
859 North State Street
Ukiah, California

Mendocino County

This Monitoring & Reporting Program (M&RP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of groundwater and submission of technical reports. Reports are required on a quarterly basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site.

Under the authority of the CWC Section 13267, the Discharger named above is required to comply with the following:

MONITORING

- 1) The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments quarterly. The results of each event's elevations shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from the reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
- 2) All monitoring wells shall be sampled quarterly for total petroleum hydrocarbons as gasoline (TPH-g), TPH-diesel, TPH-motor oil, benzene, toluene, ethylbenzene, and xylenes. All monitoring shall be sampled annually for fuel oxygenates (methyl tertiary butyl ether, di-isopropyl ether, ethyl tert butyl ether, tert amyl methyl ether, and tert-butyl alcohol) and lead scavengers (1,2-dibromoethane and 1,2-dichloroethane). Annual sampling of fuel oxygenates and lead scavengers is to occur during the second quarter.
- 3) All newly installed monitoring wells shall be sampled quarterly for all analysis listed in the number 2 above.

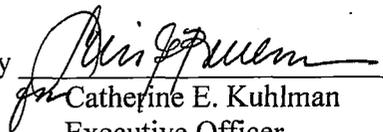
REPORTING

- 4) 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 (1 st Quarter)	April 15
April, May, June (2 nd Quarter)	July 15
July, August, September (3 rd Quarter)	October 15
October, November, and December (4 th Quarter)	January 15

- 5) A base map of the facility shall be included in each report and shall include the following:
 - a) location of facilities;
 - b) location of monitoring wells;
 - c) location of all former and existing underground storage tanks, associated piping and dispensers;
 - d) location of former aboveground storage tanks.
- 6) Using the base map, a groundwater elevation contour map shall be included for each set of measurements and shall include the ground water flow pattern including the direction of the groundwater gradient.
- 7) Using the base map, a contamination contour map shall be included for each significant pollutant detected during each monitoring event.
- 8) Current and previous analytical results shall be reported in tables that 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.
- 9) Each report shall contain copies of the well purging and sampling field logs; chain of custody documents; and signed laboratory sheets including quality control data and explanation of analytical anomalies, if any. These supporting documents may be included as appendices to the report.
- 10) Monitoring data, including analytical results, depth to water measurements, and the full quarterly monitoring reports shall be submitted electronically to the State Water Resources Control Board's GeoTracker database.

Ordered by



Catherine E. Kuhlman
Executive Officer

August 8, 2005