

California Regional Water Quality Control Board
North Coast Region

Monitoring & Reporting Program No. R1 2005-0061

For

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Willits

Mendocino 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 form indicating the surveyed elevation of each well reference point, depth to groundwater from referenced point, and the actual groundwater elevation. 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, xylenes, and fuel oxygenates (methyl tertiary butyl ether, di-isopropyl ether, ethyl tert butyl ether, tert amyl methyl ether, and tert-butyl alcohol).

REPORTING

1. 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, December (4 th Quarter)	January 15

2. 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 former underground storage tanks;

- d. location of existing underground storage tanks, including associated piping and dispensers.
3. Using the base map, a groundwater elevation contour map shall be included for each set of measurements and shall include the groundwater water flow pattern including the direction of the groundwater gradient.
 4. Using the base map, a contamination isogram map shall be included for each significant pollutant detected during each monitoring event.
 5. 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.
 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; and signed laboratory sheets including quality control data and explanations of analytical anomalies, in any. These supporting documents may be included as appendices to the report.
 7. Monitoring data, including analytical results, depth to water, and the full quarterly monitoring report shall be submitted electronically to the State Water Resources Control Board's GeoTracker database.

Ordered by _____
Catherine E. Kuhlman
Executive Officer

June 10, 2005