

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2005-0056

FOR

CASH OIL (UKIAH)
130 CHERRY STREET
UKIAH, CALIFORNIA

MENDOCINO COUNTY

MONITORING

1. Prior to purging, each monitoring well shall be checked for the presence or absence of free product. If free product is present, the thickness shall be measured to a specificity of at least 0.01-foot increments.
2. Prior to purging, the depth to groundwater shall be determined to at least 0.01 foot increments in all groundwater monitoring wells quarterly. The data generated from the elevation readings must be referenced to mean sea level.

SAMPLING AND LABORATORY ANALYSIS

1. Water samples shall be collected for analysis on a quarterly schedule from all monitoring wells.
2. All testing shall be performed at a laboratory certified by the California Department of Health Services.
3. All water samples shall be analyzed for:
 - Total Petroleum Hydrocarbons (TPH) as gas and diesel
 - Benzene, toluene, ethylbenzene, xylenes (BTEX)
 - Oxygenates including MTBE by EPA Method 8260, with all peaks reported and a maximum detection limit of 0.5 parts per billion.

REPORTING

1. A groundwater elevation contour map shall be submitted for each quarterly set of measurements and include:
 - Location of all applicable facilities and residences,
 - Groundwater flow pattern including groundwater gradient contour lines,
 - Location of the monitoring wells and domestic wells, and
 - Location of the former underground tanks.

2. A contamination isogram map shall be included for each significant pollutant detected during the monitoring events and shall include the following:
 - Location of the facilities;
 - Location of the monitoring wells; and
 - Location of the former underground storage tank system.
3. Current and previous analytical results shall be reported in tables which include the following:
 - Identification of sampling point,
 - Date of sample collection,
 - Thickness of any floating product,
 - Constituents and analytical results, and
 - Quantification limits employed for non-detect analytical results.
4. 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, if any. These supporting documents may be included as appendices to the report.
5. Monitoring reports, including quarterly gradient and 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 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

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

Ordered by _____

Catherine E. Kuhlman
Executive Officer

June 3, 2005