

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2012-0109
(REPLACES MONITORING AND REPORTING PROGRAM NO. R1-2009-0017)

FOR

ALLIANCE MINI-MART

1070 HIGHWAY 101, NORTH
CRESCENT CITY, CALIFORNIA

DEL NORTE COUNTY

MONITORING

1. Prior to purging, the depth to groundwater shall be determined to at least 0.01 foot increments in all groundwater monitoring wells semiannually. The data generated from the elevation readings must be referenced to mean sea level.
2. Water samples shall be collected for analysis on a semiannual schedule, during the first and third quarters of each calendar year from monitoring wells MW-6, MW-7, MW-8, MW-10, MW-11, MW-16, and MW-17.
3. Groundwater samples from wells MW-6, MW-7, MW-8, MW-10 and MW-17 shall be analyzed for total petroleum hydrocarbons as gasoline (TPH-gas), benzene, toluene, ethylbenzene, and xylenes. Groundwater samples from wells MW-11 and MW-16 shall be analyzed for TPH-gas. Field parameters temperature, pH, conductivity, dissolved oxygen and oxidation/reduction potential shall be measured at each monitoring well.
4. Groundwater samples from monitoring well MW-11 shall be sampled for analysis of dissolved hexavalent chromium. The laboratory reporting limit for hexavalent chromium should be no higher than 5 µg/L.
5. All laboratory analyses shall be performed at a laboratory certified by the California Department of Health Services.

REPORTING

1. Annual monitoring reports describing results from the first and third quarters shall be submitted to this office by November 1 of each calendar year.
2. A groundwater elevation contour map shall be included for each set of measurements and shall include the following:

- a) location of onsite facilities;
 - b) location of the monitoring wells;
 - c) location of the former underground tanks; and
 - d) groundwater flow pattern including the direction of the groundwater gradient.
3. A contamination isogram map shall be included for each significant pollutant detected during the monitoring events and shall include the following:
- a) location of the facilities;
 - b) location of the monitoring wells; and
 - c) location of the former underground tanks.
4. Current and previous analytical results shall be reported 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.
5. Current and previous remedial system operation and maintenance activities shall be reported in the monitoring reports.
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, if any. These supporting documents may be included as appendices to the report.
7. Monitoring data and reports shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database. Monitoring data shall be uploaded to Geotracker within thirty days of becoming available.

Ordered by _____

Matthias St. John
Executive Officer

October 10, 2012