

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program Order No R1-2009-0096
(Rescinding and Replacing Monitoring and Reporting Program R1-2005-0101)

for

Ultramar 1-621
18475 N. Highway One
Fort Bragg, California

Mendocino County

GROUNDWATER MONITORING

1. At the time of sampling each monitoring well (MW) and prior to purging the well for sampling, each MW shall be checked for the presence or absence of free product. If free product is present, the thickness shall be measured to at least 0.01-foot increments.
2. At the time of sampling each monitoring well, and prior to purging the well for sampling, the depth to groundwater shall be determined to at least 0.01-foot increments. The data generated from the elevation readings shall be referenced to mean sea level.

GROUNDWATER SAMPLING

1. Monitoring wells MW-1, MW-3, MW-8, MW-9, and MW-10 shall be sampled semi annually during first and third quarters.
2. Monitoring wells MW-5, MW-6, MW-12 and MW-13 shall be sampled annually during the third quarter.
3. The on-site domestic well shall be sampled annually during the third quarter.
4. Monitoring wells MW-2, MW-4, MW-7 and MW-11 which have been historically clean are removed from the sampling program.

LABORATORY ANALYSIS

1. All testing shall be performed at a laboratory certified by the California Department of Health Services.
2. All groundwater samples collected from MWs and domestic wells shall be analyzed quarterly for:
 - Total Petroleum Hydrocarbons (TPH) as gas and diesel
 - Benzene, toluene, ethylbenzene, xylenes (BTEX)
3. Analysis for oxygenates including methyl tertiary butyl ether is no longer required.

REPORTING

1. A groundwater elevation contour map shall be submitted for each monitoring event 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
 - Location of the former underground tanks

2. Current and previous analytical results shall be reported in tables which include the following:
 - Identification of well sampled
 - Date of sample collection.
 - Thickness of any floating product
 - Constituents and analytical results
 - Method detection limits
 - Volume of effluent pumped
 - Rate of pumping from extraction wells

3. Each report shall contain copies of 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 or changes in the groundwater treatment system, if any. These supporting documents may be included as appendices to the report.

4. Domestic well samples shall be placed on a 5-day laboratory turn-around time. All positive results shall be faxed to this agency within 24-hours upon receipt of the results by the consultant.

5. Monitoring reports, including gradient and sampling data, shall be submitted to this office in accordance with the following schedule:

Reporting Period

Due Date

1st Quarter (January, February, March)
 3rd Quarter (July, August, September)

April 15
 October 15

6. The monitoring reports and monitoring data shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database as required by Title 23, Division 3, Chapter 30 of the California Code of Regulations.

Ordered by _____

Catherine Kuhlman
 Executive Officer

August 26, 2009