

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2008-0090

FOR

CHEVRON CORPORATION
AND
RAY BARTOLOMEI

FOR THE SITE

UNOCAL BULK PLANT NO. 0813 (FORMER)
122 LESLIE STREET
UKIAH, CALIFORNIA

Case No. 1NMC047

Mendocino County

This Monitoring and 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 semiannual basis. The objective of monitoring conducted under this monitoring program is to provide the Dischargers and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site.

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

MONITORING

1. The following monitoring wells associated with this site shall be subject to the monitoring requirements of this M&RP: MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, and MW-12, in addition to any monitoring wells installed after the date of this M&RP.
2. Monitoring events shall be conducted semiannually, during the months of April and October.
3. The presence of floating product shall be evaluated in the monitoring wells as part of each monitoring event. If detected, the thickness shall be measured to at least 0.01 foot increments.
4. The depth to groundwater in the monitoring wells shall be determined to at least 0.01 foot increments, prior to purging, as part of each monitoring event. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.
5. Groundwater from the monitoring wells shall be sampled as part of each monitoring event. Analyses shall be performed for the following constituents: dissolved oxygen, oxygen reduction potential (ORP), Total Petroleum

Hydrocarbons (TPH) as gasoline, TPH as diesel, TPH as motor oil, benzene, toluene, ethylbenzene, and xylene, and polynuclear aromatic hydrocarbons. The dissolved oxygen and ORP shall be measured in the field. A reporting limit no greater than 0.1 µg/L (for samples without interferences) shall be used for the polynuclear aromatic hydrocarbons analysis. Detections below the reporting limit and above the method detection limit for the polynuclear aromatic hydrocarbons analysis shall be reported.

6. All laboratory analyses shall be performed at a laboratory certified by the California Department of Health Services.

REPORTING

1. Monitoring reports, including floating product data, groundwater depth data, and sampling data, shall be submitted to this office semiannually, by the first of July subsequent to the April sampling events and by the first of January subsequent to the October sampling events.
2. A groundwater elevation contour map shall be submitted for each set of measurements and shall include the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured.
3. Remedial system operation and maintenance activities shall be reported in the monitoring reports.
4. Each report shall contain copies of the well purging and sampling field logs; chain of custody documents showing the time and date of sample collection and the person collecting the samples; and signed laboratory sheets including quality control data and explanations of analytical anomalies, if any. The laboratory reports shall also contain copies of the chromatograms from the TPH analyses and relevant standards. These supporting documents may be included as appendices to the report.
5. The monitoring reports shall be submitted in hard copy form. In addition, 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 E. Kuhlman
Executive Officer

July 7, 2008