

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2012-0036
(Replaces Monitoring and Reporting Program Order No. R1-2008-0090)
FOR

CHEVRON CORPORATION
AND
RAY BARTOLOMEI

FOR

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 are required to comply with the following:

MONITORING

1. The following monitoring wells associated with this site are 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 must be conducted semiannually, during the months of April and October.
3. The presence of floating product must be evaluated in the monitoring wells as part of each monitoring event. If detected, the thickness must be measured to at least 0.01 foot increments.
4. The depth to groundwater in the monitoring wells must 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 must be sampled as part of each monitoring event. Analyses must be performed for the following constituents:
 - a. For monitoring wells MW-1 and MW-3, dissolved oxygen, oxygen reduction potential (ORP), Total Petroleum Hydrocarbons (TPH) as gasoline, TPH as diesel, TPH as motor oil, and polynuclear aromatic hydrocarbons.
 - b. For monitoring wells MW-2, MW-4, MW-5, and MW-12, dissolved oxygen, ORP, TPH as diesel, TPH as motor oil, and polynuclear aromatic hydrocarbons.
 - c. For monitoring wells MW-6, MW-7, MW-8, and MW-9, dissolved oxygen, ORP, TPH as diesel, and TPH as motor oil.
 - d. For monitoring wells installed after the date of this M&RP, dissolved oxygen, ORP, TPH as gasoline, TPH as diesel, TPH as motor oil, benzene, toluene, ethylbenzene, xylenes, and polynuclear aromatic hydrocarbons.
6. Dissolved oxygen and ORP must be measured in the field.
7. A reporting limit no greater than 0.1 µg/L (for samples without interferences) must 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 must be reported.
8. All laboratory analyses must 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, must 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 must be submitted for each set of measurements and must 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, if performed, must be reported in the monitoring reports.
4. Each report must 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 must 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 and monitoring data must 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 Original Signed By: Luis G. Rivera
Catherine Kuhlman
Executive Officer

February 9, 2012

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