

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program No. R1-2011-0075
(Replaces Monitoring and Reporting Program No. R1-2008-0076)

For

Cross Petroleum

and

Perry Pahlmeyer

1240 South Main Street
Yreka, California

Siskiyou County

This Monitoring and Reporting Program (MRP) 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 an annual basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger 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 presence of floating product shall be evaluated in each monitoring well annually. If detected, the thickness shall be measured to at least 0.01 foot increments annually.
2. The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments annually (and prior to March sampling of MW-2 and MW-6). The groundwater elevation measurements shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
3. Monitoring wells shall be sampled according schedule shown on the table below. The analysis shall be performed at a certified laboratory for Total Petroleum Hydrocarbons as gasoline (TPH-G), Total Petroleum Hydrocarbons as diesel (TPH-D), benzene, toluene, ethylbenzene, xylenes (collectively

BTEX), volatile organic compounds (VOC) by EPA Method 8260, extended list, dissolved hexavalent chromium (CrVI), dissolved vanadium (V), and dissolved molybdenum (Mb), for each respective well. The laboratory reporting limit for hexavalent chromium shall be no higher than 5ug/l.

WELL	September	March
MW-1	VOC, CrVI, V, Mb	
MW-2	TPH-G, TPH-D, BTEX, VOC, CrVI, V, Mb	TPH-G, BTEX, VOC
MW-4, MW-5	CrVI, V, Mb	
MW-6	TPH-G, BTEX, VOC, CrVI, V, Mb	TPH-G, BTEX, VOC
MW-8	VOC, CrVI, V, Mb	

4. Groundwater shall be analyzed prior to sample collection for the following parameters: dissolved oxygen, oxygen reduction potential (ORP), temperature, pH, and electrical conductivity.

REPORTING

A groundwater elevation contour map shall be submitted for each annual set of measurements and include the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured. Annual monitoring reports, including gradient data and sampling data, shall be submitted to this office in accordance with the following schedule:

Monitoring Period

Due Date

March, September

November 1

All data and reports shall be electronically submitted in the proper format to the State Water Resources Control Board's GeoTracker database.

Ordered by _____

Catherine Kuhlman
 Executive Officer

June 21, 2011