

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program Order No. R1-2008-0053
(Rescinding and Replacing Order No. R1-2008-0040)

FOR

RENNER PETROLEUM

Spill on Highway 199 at Mile Post 11.38

DEL NORTE COUNTY

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of surface water, groundwater and soil, and submission of technical reports. The objective of monitoring conducted under this monitoring program is to provide the Renner Petroleum (hereinafter referred to as the Discharger) and the Regional Water Board with information concerning concentrations and the extent of diesel contamination in the Smith River, and at the site of the spill.

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

MONITORING

1. Monitoring of the Smith River and gravel bar shall be conducted at each designated sampling location twice weekly, on Monday and Thursday of each week, until June 2, 2008, and weekly thereafter until either there is no water to sample or until notified by the Regional Water Board to cease sampling. The sampling stations along the Smith River and gravel bar are designated as the North Seep, South Seep Trench, River Upstream, River Adjacent Outside Boom, and River Adjacent Inside Boom. Additional sampling shall be conducted to target areas of visible sheen, odors, or free product in the spill area.
2. In the event of a rainstorm producing one inch or greater precipitation in 24 hours (hereinafter referred to as a "significant storm event"), monitoring and sampling shall occur daily for three consecutive days of the Smith River and gravel bar sampling stations, specified in No. 1 above. For continuing storm events, sampling shall continue for three consecutive days following the last significant storm event. Rainfall measurements shall be determined from the nearest official USGS gage station.
3. Monitoring of the Smith River and gravel bar sampling stations, specified in No. 1 above, shall be conducted twice weekly during all flushing activities along the roadside drainage ditch. The twice weekly timing for sample collection associated with flushing activities shall coincide with observations of increased seepage and increased petroleum hydrocarbon discharges to the Smith River gravel bar trenches and other collection points intercepting the discharge. Sampling locations shall be added, if significant discharges of petroleum hydrocarbon contamination are observed that are not monitored by the established monitoring stations (e.g., observed sheen or free petroleum product in the Smith River).

4. The Discharger shall identify and map the monitoring locations, including the Smith River and associated hillslope areas, upstream, downstream and adjacent site sampling points to ensure comprehensive monitoring of the spill area. The discharger shall provide a scaled map depicting sampling locations.
5. Samples shall be analyzed for total petroleum hydrocarbons (TPH) as diesel, TPH as motor oil, TPH as gasoline; and benzene, toluene, xylene, and ethylbenzene using EPA method 8015B or equivalent, reporting the full analyte list. Analyses shall be performed at a state-certified laboratory. Analytical methods for sample analyses shall achieve practical quantification reporting limits adequate to assess compliance with numeric water quality objectives.

REPORTING

1. The Discharger provided a scaled map depicting the monitoring locations, including the Smith River and associated hillslope areas, upstream, downstream and adjacent site sampling points to ensure comprehensive monitoring of the spill area in a report titled *Water Analytical Results through March 19, 2008, Highway 199 Spill at Mile Post 11.39, Gasquet, California Monitoring and Reporting Order # R1-2008-0040 Per Reporting Provision 3* to the Executive Officer electronically on March 21, 2008 and by hard copy on March 24, 2008. Review of this report by Regional Water Board staff indicates it meets the intent of MRP R1-2008-0040 reporting provisions.
2. All soil, water/groundwater samples analyses collected after March 19, 2008 and through April 25, 2008 shall be submitted to the Executive Officer no later than May 15, 2008, along with the report of field activities. Results will be provided prior to the periodic (e.g. weekly) conference call through June 2, 2008. If results show that target constituents are not detected, the Discharger may request the Executive Officer to approve cessation or reduced frequency of sampling. Monitoring reports shall include sampling methods, locations, photos, field logs, chain of custody, maps, and sampling data for target constituents presented in tabular form.
3. All soil, water/groundwater samples analyses collected after April 26, 2008 and through June 2, 2008 shall be submitted to the Executive Officer no later than June 23, 2008, along with the report of field activities. Results will be provided prior to the periodic (e.g. weekly) conference call through June 2, 2008. If results show that target constituents are not detected, the Discharger may request the Executive Officer to approve cessation or reduced frequency of sampling. Monitoring reports shall include the same type of information required in provision 2 above. All monitoring reports shall be submitted to this office in accordance with the following schedule:

Reporting Period

March 20, 2008 - June 2, 2008

Due Date

Periodic (e.g. Weekly)

Ordered by: _____

Catherine Kuhlman
Executive Officer
April 22, 2008