

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM
ORDER NO. R1-2012-0076

FOR

Redwood Coast Petroleum, Inc.

FOR

Spill on Highway 128 at Mile Post 50.90

Case No. 1NMC615

Mendocino County

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of groundwater, surface water, and submission of technical reports. Reports are required on a quarterly basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning water quality, contaminant trends, and migration at the site.

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

MONITORING

1. All monitoring wells associated with this site and the excavation trench must be monitored quarterly.
2. The presence of floating product must be evaluated in the monitoring wells and extraction trench as part of each monitoring event. If detected, the thickness must be measured to at least 0.01 foot increments.
3. The depth to groundwater in the monitoring wells and extraction trench 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.
4. Groundwater in all the monitoring wells associated with the site and in the extraction trench must be sampled, if present, as part of each monitoring event. Analyses must be performed for the following constituents: dissolved oxygen, oxygen reduction potential (ORP), total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, benzene, toluene, ethylbenzene, xylene, and ethanol.

5. Dissolved oxygen and ORP must be measured in the field.
6. The northern and southern stream channels, shown in Figure 1, and any seeps on the hillside between the two channels, must be inspected every two weeks, if water is present, for indications of fuel contamination. At least one water sample from each channel must be collected for analysis, if sufficient water for sampling is present. Analyses must be performed for the following constituents: TPH as gasoline, TPH as diesel, benzene, toluene, ethylbenzene, xylene, and ethanol.
7. All laboratory analyses must be performed at a laboratory certified by the California Department of Health Services.

REPORTING

1. If any indications of fuel contamination in the stream channels or any seeps are found, verbal notification must be made to Regional Water Quality Control Board staff and the property owner within 24 hours. A written report, including steps taken to abate the contamination, must be made within 5 business days.
2. If surface water analytical results indicate the presence of fuel contamination, verbal notification must be made to Regional Water Quality Control Board staff and the property owner within 24 hours of receipt of the analytical report by the sampling contractor. A written report, including steps taken to abate the contamination, must be made within 5 business days.
3. Monitoring reports, including floating product data, groundwater depth data, inspection results, sampling data, and sampling location maps including any analytical detections must be submitted to this office quarterly, according the following schedule:

<u>Monitoring Period</u>	<u>Due Date</u>
January – March	May 1 of the same year
April – June	August 1 of the same year
July – September	November 1 of the same year
October – December	February 1 of the following year

4. Remedial system operation and maintenance activities, if performed, must be reported in the monitoring reports.
5. 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.

6. 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 _____

Matthias St. John
Executive Officer

June 14, 2012



Figure 1: Approximate stream channel locations