

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2000-67

FOR

SHELL OIL COMPANY,
HUMBOLDT PETROLEUM, INC.,
ROBERT H. WOTHERSPOON, JOY A. WOTHERSPOON, AND JAMES SEILER
WOTHERSPOON & WOTHERSPOON

AND

ROBERT E. IMPERIALE, JR.
400 EIGHTH STREET
FORTUNA, CALIFORNIA

Humboldt County

MONITORING

1. The presence of floating product shall be evaluated in each monitoring well. If detected, the thickness shall be measured to at least 0.01 foot increments quarterly.
2. The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments quarterly. The results of each quarter's monitoring 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. Each monitoring well shall be sampled quarterly. The analyses shall be performed at a certified laboratory for total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, total petroleum hydrocarbons as motor oil, and EPA method 8260 modified for oxygenates and reporting all peaks.

REPORTING

A scale groundwater elevation contour map shall be submitted for each quarterly set of measurements depicting the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured.

Quarterly monitoring reports, including current and historic quarterly gradient data and quarterly sampling data, shall be submitted to this office in tabular form in accordance with the following schedule:

<u>Reporting Period</u>	<u>Due Date</u>
May, June, July	August 15
August, September, October	November 15
November, December, January	February 15
February, March, April	May 15

Ordered by _____

Lee A. Michlin
Executive Officer
September 8, 2000