

California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program NO. R1-2005-0047

For

Gene Davenport  
R. E. Davenport Incorporated  
34 Waterfront Drive  
Eureka, California

Humboldt County

**MONITORING**

1. The presence of floating product shall be evaluated in each monitoring well quarterly. 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 elevation 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 MW-1, MW-3, and MW-4 shall be sampled quarterly. The analyses shall be performed at a certified laboratory for Total Petroleum Hydrocarbons as gasoline (TPH-G), and benzene, toluene, ethylbenzene, xylene (collectively identified as BTEX), MTBE, TAME, DIPE, ETBE, and TBA.

**REPORTING**

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

<u>Reporting Period</u>	<u>Due Date</u>
January, February, March	April 30
April, May, June	July 30
July, August, September	October 30
October, November, December	January 30

Monitoring data and the monitoring reports shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database.

Ordered by \_\_\_\_\_

Catherine E. Kuhlman  
Executive Officer

May 24, 2005