California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2003-0103

FOR

ANCHOR BAY ASSOCIATES
AND
MR. ROBERT JOEKEL

ANCHOR BAY STATION
35500 HIGHWAY 1, SOUTH
ANCHOR BAY, CA
CASE NO. 1TMC350

Mendocino County

MONITORING

1. All monitoring wells (MWs) shall be checked for the presence or absence of free product prior to the collection of groundwater samples. If free product is present, all surrounding soil vapor extraction wells (SVEs) shall also be checked for free product. The thickness of the product shall be measured to at least 0.01 foot increments.

2. The depth to groundwater in MWs 1, 2, 3, 4, 5, 6, 7, 8 and 9 shall be determined to at least 0.01 foot increments, prior to purging, on a quarterly basis. The data generated from the elevation readings must be referenced to mean sea level.

SAMPLING

1. Quarterly groundwater samples shall be collected from MWs 1, 2, 3, 4, 5, 6, 7, 8 and 9.

2. Quarterly surface water samples shall be collected from locations SRFW-Station, Culvert Drng. 2 and SRFW-Beach.

LABORATORY ANALYSIS

1. All testing shall be performed at a laboratory certified by the California Department of Health Services.

2. All water samples shall be analyzed for:
   a) TPH as gasoline
   b) BTEX
   c) Oxygenates. The oxygenate testing shall be performed using EPA test method 8260 modified and shall include the complete spectrum of constituents specified by this test method with the addition of MtBE, TBA, DIPE, ETBE and TAME.

REPORTING

1. A surface water sampling location map shall be submitted with each quarterly monitoring report and shall include the:
   a) ground surface elevations
   b) location of facilities
   c) surface water sampling locations
   d) location of former underground storage tanks
   e) location of underground utility lines and culverts

2. A groundwater elevation contour map shall be submitted for the most recent set of measurements and shall include the:
   a) groundwater elevation contours
   b) location of facilities
   c) location of the monitoring wells
   d) location of the former underground fuel storage tanks
   e) location of underground utility lines
   f) current groundwater flow pattern including the direction of the groundwater gradient
   g) historical groundwater flow directions for the four previous monitoring events.

3. A concentration isogram map shall be submitted for each constituent of concern detected during each sampling event and shall include the:
   a) lines of equal constituent concentrations
   b) location of facilities
   c) location of the monitoring wells
   d) location of the former underground fuel storage tanks
   e) location of underground utility lines.

4. Current and previous analytical results shall be reported in tables which include the following:
   a) monitoring well sampled
   b) sample collection date
   c) thickness of any floating product
   d) constituents and analytical results
   e) method detection limits employed.

5. The table of all past analytical results shall be incorporated with the current results.

6. Each report shall also contain copies of the:
   a) chain of custody documents showing the:
      i) time and date of the sample collected
      ii) name of the person collecting the samples
   b) signed laboratory sheets including quality control data and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.

7. Monitoring reports shall be submitted to this office in accordance with the following schedule:

Sampling Period	**Report Due**
January, February, March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

Ordered by _____
Catherine Kuhlman
Executive Officer

August 25, 2003

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