

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2004-0063

FOR

(Former) Marlow Center One-Hour Martinizing  
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1791 Marlow Road  
Santa Rosa, California  
Sonoma County

**MONITORING**

The depth to groundwater shall be measured to the nearest 0.01-foot increment quarterly in all groundwater monitoring wells associated with the 1791 Marlow Road site investigation. The results shall be reported in tabular form indicating the surveyed elevation of each well reference point, depth to groundwater from the reference point and the actual groundwater elevation. The data generated from the elevation readings shall be referenced to mean sea level. Elevation contour maps shall be included in all monitoring reports showing the direction of groundwater flow for each monitoring event.

**SAMPLING AND ANALYSIS**

Groundwater samples shall be collected quarterly from all groundwater monitoring wells. The analyses shall be performed by a State of California certified laboratory for all volatile organic compounds detected by EPA Method 8260.

**REPORTING**

Groundwater Monitoring Reports shall be submitted quarterly, and shall include the following elements:

1. A narrative description of the work conducted;
2. A groundwater elevation map for each sampling event. The map shall include:
  - a) Groundwater elevation isograms, the direction of the groundwater, and the groundwater elevation gradient;
  - b) The locations of monitoring wells;
  - c) The locations of former and current underground tanks; and
  - d) The locations of on-site structures and other significant features.

3. A contaminant isogram map for the most significant pollutant or pollutants detected during the monitoring events. The map(s) should be presented at the same scale and display the same Site features as the groundwater elevation map.
4. Analytical data tables, including both current and historical analytical results. The tables shall include the following:
  - a) Sample locations;
  - b) Date of sample collection;
  - c) Constituents and analytical results; and
  - d) Quantification limits employed for non-detect analytical results.
5. Copies of the well purging and sampling field logs; chain of custody documents showing the time and date of collection and person collecting; and signed laboratory reports including quality control data and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.
6. Groundwater monitoring and sampling reports shall be submitted so that they are received by the Regional Water Board on or before the following due dates for each calendar quarter:

First Quarter	=	January, February, March	Report Due April 30 <sup>th</sup>
Second Quarter	=	April, May, June	Report Due July 31 <sup>st</sup>
Third Quarter	=	July, August, September	Report Due October 31 <sup>st</sup>
Fourth Quarter	=	October, November, December	Report Due January 30 <sup>th</sup>

Ordered by \_\_\_\_\_  
Catherine E. Kuhlman  
Executive Officer

July 20, 2004