

California Regional Water Quality Control Board
North Coast Region

Revised Monitoring and Reporting Program R1-2003-0124

for

Jackson Family Estates I, LCC
Olivet Ranch
3739 Piner Road
Santa Rosa, California

Sonoma County

MONITORING

1. 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.
2. Groundwater in monitoring wells MW-2, MW-5, MW-6 and MW-7 shall be monitored quarterly for dissolved oxygen, oxidation-reduction potential, pH, temperature, and specific conductivity.
3. Monitoring wells MW-2, MW-5, MW-6 and MW-7 shall be sampled quarterly. The analyses shall be performed at a certified laboratory for total petroleum hydrocarbon as Coleman Fuel, total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylene, and iodide.

REPORTING

4. A groundwater elevation contour map shall be submitted for each set of measurements and shall include the following:
 - Location of the facilities;
 - Location of the monitoring wells; and
 - Groundwater flow pattern including the direction of the groundwater gradient.
5. A contamination isogram map shall be submitted for each significant pollutant detected during the monitoring events and shall include the following:
 - Location of the facilities or structures;
 - Location of the monitoring wells; and
 - Concentration of pollutant detected at each sample point.
6. Current and previous analytical results shall be reported in tables which include the following:
 - Identification of the sampling point;
 - Date of sample collection;

- Constituents and analytical results; and
 - Method detection limits.
7. Each report shall contain 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 sheets including quality control data and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.
8. Quarterly monitoring reports shall be submitted to this office in accordance with the following schedule:

<u>Reporting Period</u>	<u>Date Due</u>
January, February, March (1 st Quarter)	April 15
April, May, June (2 nd Quarter)	July 15
July, August, September (3 rd Quarter)	October 15
October, November, December (4 th Quarter)	January 15

Ordered by _____

Catherine E. Kuhlman
Executive Officer

March 23, 2005