

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM ORDER NO. R1-2006-0098

[Rescinding and Replacing ORDER NO. R1-2005-0103]

FOR

ROBERT BENSON

PRESTIGE LINCOLN MERCURY

2979 Corby Avenue

Santa Rosa, California

Sonoma County

**GROUNDWATER MONITORING**

1. Prior to purging each monitoring well for sampling, each well shall be checked for the presence or absence of free product. If free product is present, the thickness shall be measured to the nearest 0.01-foot.
2. Prior to purging, the depth to groundwater shall be measured to the nearest 0.01-foot in all monitoring wells. The groundwater elevations for each monitoring event shall be reported in tabular form indicating the top of casing elevation, the groundwater elevation referenced to mean sea level and the actual depth to groundwater.
3. Prior to purging, each monitoring well shall be tested at the depth of the well screen for the following parameters: oxidation-reduction potential, pH, temperature, and dissolved oxygen.
4. Groundwater samples from monitoring wells MW-4 and MW-7 shall be collected quarterly and shall be analyzed for the following constituents:
  - a. Total Petroleum Hydrocarbons (TPH) measured as gasoline and as diesel;
  - b. Volatile Organics Compounds, including: benzene, toluene, ethyl benzene, xylenes (BTEX); and methyl tert-butyl ether (MTBE).
5. During the 4<sup>th</sup> Quarter 2007, all monitoring wells at the site shall be sampled and analyzed for the constituents specified in Item # 4 above.
6. The 4<sup>th</sup> Quarter 2007 monitoring report shall include the following information needed to assess the site for investigation closure requirements:
  - a. A summary of historical land uses, including information describing the petroleum releases;
  - b. A summary of investigative and remedial activities conducted at the site;
  - c. A remedial effectiveness evaluation.

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7. Chemical analyses must be performed by a laboratory certified by the State of California Department of Health Services.
8. Analytical methods for sample analyses shall achieve practical quantification reporting limits that are adequate for evaluating regulatory action levels for each constituent. A table containing water quality objectives and common laboratory reporting limits for the constituents of concern is incorporated in this Order as Appendix A.<sup>1</sup>

**REPORTING**

9. Groundwater monitoring reports shall be submitted to the North Coast Regional Water Quality Control Board at 5550 Skylane Boulevard, Suite A, Santa Rosa, California, 95403 according to the following schedule:
 

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>
10. Groundwater monitoring data and reports shall also be submitted electronically to the State Water Resources Control Board's Geographic Environmental Information Management System database (GeoTracker) as required by Title 23, Division 3, Chapter 30, Article 2, Sections 3890-3895 of the California Code of Regulations).
11. Groundwater monitoring reports shall include the following elements:
  - a. A narrative description of the work conducted;
  - b. A groundwater elevation map for each sampling event;
  - c. A contaminant distribution map showing isograms for constituents of concern detected in groundwater during the monitoring event;
  - d. For each monitoring well at the site, a table of current and historical analytical data for both organic and inorganic constituents of concern; and
  - e. Copies of the well purging and sampling field logs; chain of custody documents; 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.

Ordered by

  
Catherine E. Kuhlman  
Executive Officer

September 21, 2006

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<sup>1</sup> Appendix A contains several constituents that are not regulated by this Order and are not required to be monitored.