

California Regional Water Quality Control Board
North Coast Region

Monitoring And Reporting Program No. R1-2010-0098

FOR

LEO BLEIER

FOR THE SITE AT

999 SCHOOL WAY
REDWOOD VALLEY, CALIFORNIA

Case No. 1TMC344

Mendocino County

This Monitoring and Reporting Program is issued pursuant to California Water Code (CWC) Section 13267(b) and requires monitoring of groundwater and submission of technical reports. Reports are required on a quarterly basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Quality Control Board with information concerning groundwater quality and contaminant trends at the site.

Under the authority of CWC Section 13267, the Discharger named above is required to comply with the following:

MONITORING

1. The monitoring wells MW-1 through MW-12 (the locations shown on the attached figure, excerpted from the April 18, 2008 Jim Glomb Geotechnical and Environmental Consulting, Inc. document *Groundwater Well Monitoring - March 2008, Redwood Valley Shopping Center*) shall be sampled semiannually, during the first and third quarters (i.e., January-March and July-September) of each year.
2. All newly installed monitoring wells associated with this site shall be sampled quarterly for at least one year.
3. The depth to groundwater in each of the monitoring wells associated with this site shall be determined to at least 0.01 foot increments, prior to purging, as part of each semiannual monitoring well sampling event. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.
4. Water samples shall be collected quarterly, from the domestic water supply wells referred to as DM-951, DM-981, and DM-991 on the attached figure. Water samples shall also be collected after the first filter and after the second filter on domestic well DM-981.

5. The water samples collected per Monitoring items 1, 2, and 4 shall be analyzed for the following constituents: Total Petroleum Hydrocarbons as gasoline (TPH-g); benzene, toluene, ethylbenzene, and xylene (BTEX); the fuel oxygenates MTBE, ETBE, TAME, TBA, and DIPE; and the lead scavengers 1,2-dichloroethane and 1,2-dibromoethane. EPA method 8260B shall be used for fuel oxygenate and lead scavenger analysis.
6. All laboratory analyses shall be performed at a laboratory certified by the California Department of Health Services.

REPORTING

1. Written notification of all analytical results for all the domestic water supply wells shall be provided to the respective domestic water supply well owners and copied to the Regional Water Quality Control Board within two weeks of receiving the results. If any contaminants are detected in the domestic water supply wells DM-951 or DM-991, or the effluent of the treatment system on the domestic water supply well DM-981, verbal notification of the analytical results shall be provided within 24 hours of receiving the results to the respective water supply well owner and Regional Water Quality Control Board staff.
2. Quarterly monitoring reports shall be submitted to this office in accordance with the following schedule:

<u>Reporting Period</u>	<u>Due Date</u>
January - March	May 1 st
April - June	August 1 st
July - September	November 1 st
October - December	February 1 st

3. A groundwater elevation contour map shall be included for the semiannual monitoring well sampling report and shall include the following:
 - a. location of the facilities;
 - b. location of the monitoring wells;
 - c. location of the former underground tanks; and
 - d. groundwater flow pattern including the direction of the groundwater gradient.
4. A contamination isogram map shall be included for each significant pollutant detected during the semiannual monitoring well sampling event and shall include the following:
 - a. location of the facilities;
 - b. location of the monitoring wells; and
 - c. location of the former underground tanks.

5. Current and previous analytical results shall be reported in tables which include the following:
 - a. sampling point;
 - b. date of sample collection;
 - c. constituents and analytical results; and
 - d. quantification limits employed for non-detect analytical results.
6. Each report shall contain copies of the well purging and sampling field logs; chain of custody documents indicating the time and date of sample collection and the person collecting the samples; signed laboratory sheets including quality control data and explanations of analytical anomalies, if any; and logs of any maintenance performed on the water supply well treatment system. These supporting documents may be included as appendices to the report.
7. If one or more samples or analyses required by this program cannot be collected, the report shall state the reason for the omission and explain what corrective actions shall be employed to prevent future omissions.
8. The monitoring reports shall be submitted in hard copy form. In addition, the monitoring reports and monitoring data shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database as required by Title 23, Division 3, Chapter 30 of the California Code of Regulations.

Ordered by _____

Catherine Kuhlman
Executive Officer

December 2, 2010

