

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program No. R1-2011-0101
(Rescinding and Replacing Monitoring and Reporting Program No. 94-43)

Union Pacific Railroad Company
West Coast Welders Supply
West Coast Metals, Inc.
99 Frances Street
Santa Rosa, California

Sonoma County

This Monitoring and Reporting Program is issued pursuant to California Water Code section 13267 (b) and requires monitoring of groundwater and submission of technical reports. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site. Monitoring and Reporting Program Order No. R1-2011-0087 exists for the discharge of treated water to surface water and remains in effect.

Under the authority of the California Water Code section 13267, the Discharger named above is required to comply with the following:

MONITORING

1. Prior to purging and sampling, the depth to groundwater shall be determined to at least 0.01 foot increments in all groundwater monitoring wells at a semi-annual frequency during the 1st and 3rd quarters of each year. The data generated from the elevation readings must be referenced to the same elevation datum used for the electronic GeoTracker survey values.
2. Groundwater samples shall be collected from groundwater monitoring wells and analyzed for halogenated volatile organic compounds as specified in Table 1 (attached).
3. All laboratory analyses shall be performed at a laboratory certified by the California Department of Public Health.
4. Newly installed groundwater monitoring wells shall be gauged and sampled at a quarterly frequency for at least four consecutive quarters. Additionally, the initial sample from all newly installed monitoring wells must include analysis for lead and 1,4-dioxane.

REPORTING

5. Monitoring reports shall be submitted to the Regional Water Board at a semi-annual frequency. Monitoring reports shall be prepared by or under the

supervision of a California Registered Engineer or Geologist. Monitoring reports shall be submitted to this office in accordance with the following schedule:

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

6. Groundwater elevation contour maps for the A-zone, B-zone, C-zone, and D-zone shall be included for each set of depth to water measurements collected. The maps shall include the direction of the calculated groundwater gradient in each zone and the location of all monitoring wells.
7. Contamination isoconcentration counter maps shall be included for each significant pollutant detected during each monitoring event and shall be displayed for the A-zone, B-zone, and C-zone.
8. Each report shall include well purging and sampling field logs, chain of custody documents and signed laboratory sheets including quality control data and explanation of analytical anomalies, if any. These supporting documents may be submitted as appendices to the report.
9. The results of each groundwater elevation measurement shall be reported in tabular form providing the surveyed elevations of each reference point, depth to groundwater from the reference point and the actual groundwater elevation.
10. Current and previous analytical results shall be reported in tabular form.
11. Monitoring reports, data and depth to water measurements shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database.

Ordered by _____

Catherine Kuhlman
Executive Officer

September 26, 2011