

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2001-25

FOR

UNION PACIFIC RAILROAD COMPANY
LEARNER - EUREKA, INC.
G&R METALS EUREKA, INC.
GEORGE J. RYNECKI
STELLA S. RYNECKI
LEVIN METALS CORPORATION AKA LEVIN ENTERPRISES
G&R METALS, INC.
AND
THE GEORGE J. RYNECKI TRUST

Humboldt County

GROUNDWATER MONITORING

1. The presence of floating product shall be evaluated in each monitoring well. If detected, the thickness shall be measured to at least 0.01 foot increments semi-annually during both high and low groundwater conditions.
2. The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments semi-annually during both high and low groundwater conditions. The results of each semi-annual monitoring event 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.
3. The tidal elevation and cycle shall be recorded and related to the time monitoring well elevation measurements are collected.
4. Each monitoring well shall be sampled semi-annually during both high and low groundwater conditions. The analyses shall be performed at a certified laboratory for total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, total petroleum hydrocarbons as motor oil, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), pesticides, metals including copper, lead, manganese, mercury, nickel, and zinc.

SURFACE WATER MONITORING

5. The presence of floating product or sheen shall be evaluated at each monitoring station identified on attachment A monthly during the period from November to April each year.
6. Surface water monitoring events shall be targeted during periods of intense rainfall.
7. The flow at each monitoring station shall be calculated in gallons per minute during each monitoring event.

8. Each monitoring station shall be sampled monthly during the period from November to April each year. The analyses shall be performed at a certified laboratory for total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, total petroleum hydrocarbons as motor oil, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), pesticides, metals including copper, lead, manganese, mercury, nickel, and zinc. Surface water samples shall not be filtered prior to analyses.

REPORTING

9. An elevation contour map shall be submitted for each semi-annual set of groundwater measurements depicting the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured.
10. A monitoring station map shall be submitted for the wet weather surface water runoff samples depicting, pertinent runoff patterns, onsite features, and receiving surface waters.
11. Monitoring reports, including current and historic gradient, flow, and sampling data for both groundwater and surface water shall be submitted to this office in tabular form in accordance with the following schedule:

<u>Reporting Period</u>	<u>Due Date</u>
February, March, April	May 15
May, June, July	August 15
August, September, October	November 15
November, December, January	February 15

Ordered by _____

Lee A. Michlin
Executive Officer

April 17, 2001