

**California Regional Water Quality Control Board
North Coast Region**

**Monitoring and Reporting Program
Order No. R1-2021-0046
(Rescinds and Replaces Monitoring and Reporting Program No. R1-2021-0014)**

for

**Sierra Pacific Industries
and
JBM Land LLC
Jeffrey Meyer
Becca Meyer**

**Sierra Pacific Industries Arcata Division
2593 Navy Base Road
Arcata**

Case No. 1NHU526

Humboldt County

This Monitoring and Reporting Program Order is issued pursuant to California Water Code (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 pollutant trends at the site, necessitated by the historic discharge of waste to the subsurface. The burden, including costs, of these reports bears a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. The estimated costs associated with the activities outlined in this Order are attached in Table A.

This Monitoring and Reporting Program rescinds and replaces Monitoring and Reporting Program Order No. R1-2021-0014.

The failure to furnish any of the required reports, or the submittal of substantially incomplete reports or false information, is a misdemeanor, and may result in additional enforcement actions being taken against the Dischargers, including issuance of an Administrative Civil Liability (ACL) Complaint pursuant to Water Code section 13268. Liability may be imposed pursuant to Water Code section 13268 in an amount not to exceed one thousand dollars (\$1,000) for each day in which the violation occurs.

Under the authority of Water Code section 13267, the Dischargers named above are required to comply with the following:

MONITORING

1. Prior to purging, the depth to groundwater shall be determined to at least 0.01-foot increments in all groundwater monitoring wells associated with this case during each monitoring event.
2. Beginning in 2022, groundwater samples from monitoring wells shall be collected every five (5) years in May, during the second calendar quarter of each sampling year. The groundwater monitoring wells to be monitored and sampled are identified as MW-7, MW-20, and MW-21.
3. The groundwater monitoring well samples shall be analyzed dioxins and furans.
4. Per Water Code section 13176, all laboratory analyses shall be performed at a California certified laboratory. Analytical methods for sample analyses shall achieve practical quantitation limits that are adequate for evaluating regulatory action levels for each constituent.

REPORTING

1. Monitoring reports shall be submitted to the Regional Water Board in accordance with the following schedule:

Sampling Period	Due Date
Second Quarter – May	August 1 of the same year

2. Monitoring data and reports shall be submitted to the Regional Water Board via the State Water Resources Control Board's Geographic Environmental Information Management System database (GeoTracker) as specified in Title 23, Division 3, Chapter 30, Article 2, Sections 3890-3895 of the California Code of Regulations.
3. Monitoring reports shall be prepared by or under the supervision of a California Professional Civil Engineer or Geologist.
4. The groundwater elevation data calculated from the depth to water measurements shall be referenced to the same elevation datum used for GeoTracker.
5. Each monitoring report shall include the following elements
 - a. A narrative description of the work conducted.
 - b. Field notes and/or sampling logs documenting such activities as well purging, aquifer parameter testing, well recharge prior to sampling.

- c. Chain-of-custody documentation.
- d. Laboratory reports, including QA/QC data.
- e. An accurately scaled site plan showing all sampling points in relation to significant site features.
- f. Groundwater elevation contours plotted at the same scale as the site plan.
- g. Groundwater contaminant concentrations plotted at the same scale as the site plan.
- h. Tabular results of the depth to groundwater measurements indicating the surveyed elevations of each reference point, depth to groundwater from the reference point, and the actual groundwater elevation.
- i. Data tables summarizing all current and historical analytical data for the site constituents of concern for each sampling station.
- j. A discussion of the groundwater analytical results compared with water quality objectives.

Ordered by _____
Matthias St. John
Executive Officer

21_0046_SPIArcataDivision_Groundwater_MRP

TABLE A – SIERRA PACIFIC ARCATA DIVISION MRP COST ESTIMATE

Task	Task Total
Groundwater Monitoring (Per Event)	\$5,000-\$7,000
Groundwater Monitoring Report (Per Report)	\$5,000-\$7,000
TOTAL ESTIMATED COSTS	\$10,000-\$14,000