

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM NO. CI8316**

**for**

**UNITED ROCK PRODUCTS CORPORATION**

**(Pit No. 1 Inert Landfill)**

**(Order No. 01-179)**

**(File No. 01-084)**

United Rock Products Corporation (URP or Discharger) shall implement this Monitoring and Reporting Program (MRP) at the first quarter immediately following adoption of this Order. The first monitoring report under this program is due by January 15, 2002.

**I. Reporting**

- A. All monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit. The reporting period and the compliance file number (CI 8316) must be clearly displayed on the title page to facilitate routing to the appropriate staff and file.
- B. Monitoring reports shall be submitted by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

The quarterly reports shall include both groundwater monitoring data as required in Section II and the waste disposal information as required in Section III of this MRP. The results of the facility's load-checking program shall also be reported in each monitoring report. The October-December report shall include a summary of the data obtained during the year.

- C. The Discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
- D. In the event that hazardous or other unacceptable wastes are detected, the Regional Board shall be notified by telephone or facsimile within 24 hours and by writing within 7 days. The type, source, and final disposition of those wastes shall also be reported.
- E. The Regional Board is developing a database management system that, when it becomes fully operational, may require the discharger to submit the monitoring reports electronically.
- F. If the Discharger performs analyses for any parameter more frequently than required by this MRP, using approved analytical methods, the results shall be included in the monitoring report.

- G. The Discharger may submit additional data to the Regional Board that are not required by this MRP in order to simplify reporting to other agencies.
- H. The Discharger shall retain records of all monitoring information, including all calibration and maintenance records regarding monitoring instrumentation, and copies of all data submitted to regulatory agencies, for a period of at least five years. This period may be extended by request of the Regional Board at any time, and shall be extended during the course of any unresolved litigation regarding all or any part of the entire disposal site.

## II. Groundwater Monitoring

- A. The Discharger shall submit a groundwater monitoring plans to the Regional Board as required in Provision No. D.1. of Order No. 01-179.
- B. All groundwater monitoring stations must be sampled, quarterly during the first year of monitoring and semi-annually thereafter, for the following indicator parameters:

<u>Parameter</u>	<u>Units</u>
pH	pH units
Electrical conductivity	umhos/cm
Alkalinity	mg/l
Bicarbonate (as HCO <sub>3</sub> )	mg/l
Carbonate (as CO <sub>3</sub> )	mg/l
Carbon dioxide	mg/l
Chemical oxygen demand	mg/l
Total hardness (as CaCO <sub>3</sub> )	mg/l
Total dissolved solids	mg/l
Nitrates	mg/l
Chloride	mg/l
Sulfate	mg/l
Boron	mg/l
Cadmium	µg/l
Chromium	µg/l
Lead	µg/l
Nickel	µg/l
Benzene	µg/l
PCE (perchloroethylene)	µg/l
TCE (trichloroethylene)	µg/l
MTBE(Methyl t-butyl ether)	µg/l
Vinyl chloride	µg/l

In addition, the first quarter's analyses shall include determinations for all U.S. EPA Appendix I and II Constituents (Attachment 1).

- C. Quarterly sampling shall be performed during the months of January, April, July, and October. Semi-annual sampling shall be performed during the months of April and October. In the event sampling is not performed as above because of unforeseen circumstances, substitute sampling shall be performed as soon as possible after these times, and the reason for the delay shall also be given
- D. The groundwater-monitoring program, once started, is to be continued even during periods when no wastes are deposited at the site, and throughout the active life of the disposal site.
- E. All chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services Environmental Laboratory Accreditation Program, or approved by the Executive Officer. Laboratory analyses must follow methods approved by the United States Environmental Protection Agency (EPA), and the laboratory must meet EPA Quality Assurance/Quality Control criteria.
- F. For any analyses performed for which no procedure is specified in the EPA guidelines, or in this Order, the constituent or parameter analyzed, and the method or procedure used, must be specified in the report.
- G. Analytical data reported as "less than" shall be reported as less than a numeric value, or below the limit of detection, for that particular analytical method.
- H. All analytical samples obtained for this MRP shall be grab samples.
- I. The monitoring report must also include the following:
  - 1. Sampling protocol and analytical methods used;
  - 2. If any required samples were omitted during the reporting period, a statement to that effect shall be made and reasons given for any omission;
  - 3. Groundwater elevations measured to the nearest 0.01 foot relative to mean sea level. The velocity and direction of ground water flow under the disposal site shall be determined after each monitoring event and reported;
  - 4. For any monitored waste parameter which is listed as such by the EPA or by the State of California, the discharger shall compare such data to the most stringent allowable concentrations under all existing Federal and State regulations;
  - 5. An evaluation of the results of the testing signed by a California registered geologist or professional engineer.

**III. Waste Disposal Reporting**

- A. The first report to the Regional Board shall include a map of the site indicating the areas that are currently being filled.
- B. A report containing the following information shall be filed with this Regional Board for each calendar quarter:
  - 1. A tabular list of the estimated average monthly quantities (in cubic yards) and types of materials deposited each month (including native geological materials generated by mining activities).
  - 2. The areas of the site where wastes were deposited. If a new area has been started, submit another map of the site and indicate the new areas being filled and any recently completed areas.
  - 3. An estimate of the remaining life of the site in years and months.
  - 4. A certification that all wastes deposited were in compliance with the Regional Board's requirements and that no wastes have been deposited outside of the boundaries of the site as specified in the Regional Board's requirements.
  - 5. If purged groundwater from the monitoring wells is used at the site, the total volume, and areas of usage shall also be reported.

Ordered by: \_\_\_\_\_  
Dennis A. Dickerson  
Executive Officer

Date: December 13, 2001