California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM
Order No. R1-2005-0019
WDID No. 1B10148RHUM

For

RICHARDSON GROVE CAMPGROUND AND RV PARK
750 Highway 101
Garberville, California

Humboldt County

This monitoring and reporting program is enforceable under provision D.1.d of State Water Resources Control Board Order No. 97-10-DWQ.

MONITORING

A. Wastewater Volume

The discharger shall determine and record monthly average waste flow in gallons per day discharged to the waste facilities, based on inflow water meter readings.

B. Septic Tank

The sludge and scum levels in the septic tanks shall be measured monthly. Septic tanks shall be pumped clean if the bottom of the scum layer is within three inches of the bottom of the outlet baffle, or if the top of the sludge layer is within eight inches of the bottom of the outlet device, or if the combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment. The following values shall be reported for each monthly observation:

1. Sludge depth in each compartment of the septic tanks.
2. Scum thickness in each compartment of the septic tanks.
3. Distance between the bottom of the scum layer and the bottom of the outlet baffle.
4. Distance between the top of the sludge layer and the bottom of the outlet opening or baffle (whichever is lower.)
5. The discharger shall report the date and waste hauler information whenever a septic tank is pumped. Receipts from the properly licensed waste hauler shall be submitted in conjunction with monthly reports whenever tank pumping occurs.

C. Groundwater Levels

The discharger shall monitor the performance of the leach field by observing and recording the depth to water, once per month, in observation wells located as follows:

1. A total of four trench monitoring wells shall be constructed within the leaching trenches at the north and south ends of the down slope leach line in each of the two disposal fields. The bottom of the wells shall be at the same elevation as the bottom of the leach field trench.

2. An observation monitoring well shall be constructed between leaching trenches near the center of each disposal field. This well shall extend to a depth at least five feet below the bottom of the leach trenches.

D. Well Construction

All wells used for groundwater level determinations shall be surveyed to determine relative elevations, and all elevations shall be reported with respect to both sea level and ground surface at the well. All monitoring wells shall be constructed of three or four-inch diameter plastic pipe (or equivalent) equipped with a locking removable cap and sealed at the ground surface to prevent infiltration of surface water. The trench monitoring wells shall be perforated at an interval that coincides with the depth of the leach field rock or infiltration chambers. Observation monitoring wells shall be perforated beginning at a depth of 36 inches below ground surface and extending to the bottom of the well.

E. Disposal Fields

The Discharger shall inspect each disposal field once per month and shall note and record any odors, evidence of surfacing wastewater, or other signs of malfunction.

REPORTING

A scale map of the property showing the leach field and all well locations shall be submitted upon completion of leach field construction and whenever new wells are installed. The map shall be accompanied by well logs for each well.

Monthly monitoring reports shall be submitted to the Regional Water Board by the first day of the second month following observations (i.e. January monitoring activities shall be reported by March 1). Reports shall be submitted on a form similar to the attached example to clearly illustrate compliance with requirements.

Ordered by _____
Catherine E. Kuhlman
Executive Officer

March 1, 2005