

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2004-0053

FOR
WETHERELL, HARRY
dba
GASQUET MOBILE HOME PARK

Del Norte County

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

MONITORING

1. Wastewater Volume: The discharger shall determine and record the maximum and average waste flow in gallons per day discharged to the waste facilities.
2. Septic Tank: The sludge and scum levels in the septic tank shall be measured quarterly whenever more than 12 months have elapsed since the septic tank was last pumped clean. 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 observation:
 - a. Sludge depth in each compartment of the septic tank.
 - b. Scum thickness in each compartment of the septic tank.
 - c. Distance between the bottom of the scum layer and the bottom of the outlet baffle.
 - d. Distance between the top of the sludge layer and the bottom of the outlet opening or baffle (whichever is lower.)

The discharger shall report the date and disposal site whenever a septic tank is pumped

3. Groundwater Levels: The discharger shall monitor the performance of the leach field by observing and recording the elevation of the free water surface, once per month, in wells located as follows (well locations are shown on the attached map):
 - a. Trench monitoring well T constructed with the bottom of the well at the same elevation as the bottom of the leach field trench.
 - b. Monitoring well F constructed to a depth at least five feet below the bottom of the leach trenches.

- c. Down-gradient monitoring well D shall be constructed near the northern property boundary north of the center of the leach field to a depth adequate to reach groundwater during all seasons.
4. Nitrate concentrations: Samples shall be collected monthly from the down-gradient perimeter well for the first three months that this monitoring program is in effect and quarterly thereafter. Three casing volumes of water should be purged from the well immediately prior to sample collection, and ground water level measurements shall be completed prior to purging. This sample shall be analyzed for nitrogen as nitrate.

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. A screw cap that requires a tool for removal will suffice as a locking cap. The wells located in the leach field shall be perforated at an interval that coincides with the depth of the leach field rock. Remaining wells shall be perforated beginning at a depth of 18 inches below ground surface and extend to the bottom of the well.

REPORTING

Monthly monitoring reports shall be submitted to the Board by the last day of the following month. 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

June 22, 2004