California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2003-0058

FOR

BLUE HERON RV PARK WASTEWATER SYSTEM

Siskiyou County

MONITORING

Septic Tank Monitoring

Monitoring of septic tank effluent shall include the following

Parameter	Units	Type of Sample	Sampling Frequency
Flow	gals/day	Estimate*	Monthly

* Flow estimates may be obtained from water meter readings.

Maintenance and Inspection

Septic tanks shall be inspected and pumped as described below. An inspection is not required during the year a septic tank is pumped.

Parameter	Units	Type of Measurement	Minimum Inspection Frequency
Sludge depth and scum thickness in each compartment of each septic tank	Feet	Staff Gauge	Annually (by April of each year)
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Annually (by April of each year)
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Annually (by April of each year)

Septic tanks shall be pumped when any one of the following conditions exist or may occur before the next inspection:

a) The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment; or
b) The scum layer is within three inches of the outlet device; or
c) The sludge layer is within inches of the outlet device.

In lieu of septic tank measuring, the septic tank may be pumped annually.

Waste Monitoring

Effluent shall be monitored for the following constituents:

Constituent	Units	Type of Sample	Sampling Frequency
Formaldehyde	mg/L	grab	quarterly
Zinc	mg/L	grab	quarterly
Phenol	mg/L	grab	quarterly
N as Ammonium	mg/L	grab	quarterly

Samples shall be collected from an accessible location after exiting the septic tank and before distribution to the disposal trenches (i.e. a distribution box).

Groundwater Monitoring

Depth to groundwater, in feet below surveyed well casings, shall be measured at the monitoring wells according to the following schedule.

Minimum Measurement Frequency

Time Period	When Depth>5 feet	When Depth <5 feet
November 1 through April 30	monthly	weekly
May 1 through October 31	quarterly	monthly

Water quality samples shall be collected from one down-gradient monitoring well on a biannually basis. Samples shall be collected during the high occupancy season (October 10 to November 10 of each year) and low occupancy season (February 15 to Marcy 15 of each year).

Constituent	Units	Type of Sample	Sampling Frequency
Nitrate-Nitrogen	mg/L	grab	biannually
Total Kjeldahl Nitrogen	mg/L	grab	biannually
Total Phosphorous	mg/L	grab	biannually
Ortho-Phosphorous	mg/L	grab	biannually
Total Organic Carbon	mg/L	grab	biannually
Ammonia as Nitrogen	mg/L	grab	biannually

Surface Water Monitoring

A sample shall be collected from a location upstream from the facility. Samples shall be collected during the high occupancy season (October 10 to November 10 of each year) and low occupancy season (February 15 to March 15 of each year).

Constituent	Units	Type of Sample	Sampling Frequency
Nitrate-Nitrogen	mg/L	grab	biannually
Total Kjeldahl Nitrogen	mg/L	grab	biannually
Total Phosphorous	mg/L	grab	biannually
Ortho-Phosphorous	mg/L	grab	biannually
Total Organic Carbon	mg/L	grab	biannually
Ammonia as Nitrogen	mg/L	grab	biannually

REPORTING

Monitoring reports shall be submitted to the Regional Water Board quarterly by the last day of the month following the quarterly monitoring period. The results of all water quality monitoring performed shall be submitted in the quarterly monitoring reports. Results from monthly and biannually sampling shall be submitted in the corresponding quarterly report. As an example, biannually sampling done during the high occupancy season corresponds to the quarterly report due in January. Monthly monitoring results collected during the previous months would also be included.

In reporting the monitoring data, the Discharger shall arrange the data in tabular form on an 8 ½ - by 11-inch sheet so that the date, the constituents, and the concentrations and location of the sampling point are readily discernible. The data shall be summarized in such a manner as to illustrate clearly the compliance with waste discharge requirements.

Ordered by _____

Susan A. Warner
Executive Officer
April 24, 2003

MAV:js/Blue Heron M&RP