

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2014-0814
FOR
COLONEL ALLENSWORTH STATE HISTORIC PARK
WASTEWATER TREATMENT FACILITY
TULARE COUNTY

This Monitoring and Reporting Program (MRP) is required pursuant to California Water Code section 13267.

The Discharger shall not implement any changes to this MRP unless and until the Central Valley Water Board adopts or the Executive Officer issues a revised MRP. Changes to sample locations shall be established with concurrence of Central Valley Water Board staff, and a description of the revised stations shall be submitted for approval by the Executive Officer. All samples shall be representative of the volume and nature of the discharge sampled. All analyses submitted in response to this program shall be performed in accordance with Standard Provision B.1, under *Water Quality Order No. 97-10-DWQ, General Waste Discharge Requirements for Discharges to Land by Small Domestic Wastewater Treatment Systems* (General Order).

EFFLUENT MONITORING

Monitoring of septic tank effluent shall include the following:

<u>Frequency</u>	<u>Constituent/Parameter</u>	<u>Units</u>	<u>Sample Type</u>
Monthly ¹	Flow	mgd	Estimate

¹ Estimates of monthly average daily flow to evaporation pond.

POND MONITORING

Samples shall be taken when water reaches the one foot level. Samples shall be collected opposite the inlet and between 0800 and 0900 hours. The freeboard shall be monitored on the evaporation pond to the nearest tenth of a foot. Permanent markers shall be placed in the pond with calibration marks indicating the water level at design capacity and available operational freeboard.

Monitoring of pond shall include at least the following:

<u>Frequency</u>	<u>Constituent/Parameter</u>	<u>Units</u>	<u>Sample Type</u>
Monthly	pH	pH Units	Grab
Monthly	Dissolved Oxygen	mg/L	Grab
Monthly	Nitrate as NO ₃ -N	mg/L	Grab
Monthly	Freeboard	Feet	Measurement

In addition, the Discharger shall inspect the condition of the pond once per week and write visual observations in a bound log book. Notations shall include observations of whether weeds are developing in the water or along the banks, and their locations; whether dead algae, vegetation, scum, or debris are accumulating on the aeration basins and evaporation/percolation pond surfaces and their location; whether burrowing animals or insects are present; and a description of the color of the ponds (e.g. dark green, dull green, yellow, gray, tan, brown, etc.). A copy of the entries made in the log each month shall be submitted along with the monitoring report of the following month. Where the O&M manual indicates remedial action is necessary, the Discharger shall briefly explain in the report what action has been taken or is scheduled to be completed.

SEPTIC TANK MONITORING

The septic tanks shall be inspected at least annually, and pumped when appropriate. An inspection is not required during the year a septic tank is pumped. The dates and nature of inspections and maintenance shall be included in the annual report.

SPILL MONITORING

All spills or overflows from the evaporation pond shall be reported to the Board within 24 hours.

REPORTING

All monitoring results shall be reported in **Quarterly Monitoring Reports** which are due by the first day of the second month after the calendar quarter. Therefore, monitoring reports are due as follows:

First Quarter Monitoring Report:	1 May
Second Quarter Monitoring Report:	1 August
Third Quarter Monitoring Report:	1 November
Fourth Quarter Monitoring Report:	1 February

In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date and the constituents are readily discernible. The data shall be summarized in such a manner to illustrate clearly whether the Discharger complies with WDRs, including calculations of all averages, etc.

If the Discharger monitors any pollutant more frequently than is required by this Order, the results of such monitoring shall be included in the quarterly report.

Records of monitoring information shall include:

- The date, exact place, and time of sampling or measurement(s);
- The individual(s) who performed the sampling or measurement(s);
- The date(s) analysis was performed;
- The individual(s) who performed the analysis;
- The analytical techniques or method used; and
- The results of such analysis.

The Discharger shall submit an annual report to the Board by 1 February of each year. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the facility into full compliance with the general WDRs.

All reports submitted in response to this program shall comply with the signatory requirements of standard Provision B.2, under *Water Quality Order No. 97-10-DWQ, General Waste Discharge Requirements for Discharges to Land by Small Domestic Wastewater Treatment Systems* (General Order).

At any time henceforth, the State Water Board or Central Valley Water Board may notify the Discharger to electronically submit monitoring reports using the State Water Board's California Integrated Water Quality System (CIWQS) program website at <http://www.waterboards.ca.gov/ciwqs/index.html>. Until such notification is given, the Discharger shall submit hard copy monitoring reports.

Ordered by:

Clay L. Rodgers

for PAMELA C. CREEDON, Executive Officer

5/12/14

(Date)