

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2011-XXXX  
FOR  
LAKE OROVILLE MARINA, LLC  
AND  
STATE OF CALIFORNIA  
DEPARTMENT OF PARKS AND RECREATION  
AND  
STATE OF CALIFORNIA DEPARTMENT OF WATER RESOURCES  
FOR  
OPERATION OF LAKE OROVILLE MARINA  
BUTTE COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for the marina holding tanks, recirculating packed-bed filter treatment system, evaporation pond, groundwater and surface water monitoring, and a reporting schedule.

The Discharger shall submit **quarterly monitoring reports** to the Central Valley Water Board Office, which includes the information stipulated below. **Quarterly monitoring reports shall be submitted to the Central Valley Water Board by the end of the month following the reporting period in which samples were collected and/or observations made by State of California Department of Parks and Recreation (State DPR) and Lake Oroville Marina LLC.**

**State DPR Monitoring**

**MARINA HOLDING TANK MONITORING**

Septic tank maintenance inspections shall be performed at least **annually**. Information concerning inspections and maintenance activities (including, but not limited to, pumping, replacement, and repairs) shall be reported in the corresponding monthly monitoring report.

The contents from marina septic tanks shall be periodically removed. The last date of service of each septic tank and holding tank and the quantity of sewage removed shall also be reported.

In addition, the Discharger shall record the quantity of sewage pumped from the marina to the holding tank on a **daily** basis and report the results **quarterly**.

## WASTEWATER TREATMENT SYSTEM AND EVAPORATION POND MONITORING

Wastewater samples shall be obtained from the treatment system prior to discharge to the evaporation pond annually and analyzed for the parameters outlined in Table 1. In addition, the Discharger shall report the volume of wastewater discharged to the pond, freeboard, solids accumulation, and vegetative growth.

**Table 1 Summary of treated effluent monitoring**

PARAMETER	UNITS	FREQUENCY
Total Nitrogen	mg/L	Quarterly
Kjeldahl-Nitrogen	mg/L	Annually
Nitrate-Nitrogen	mg/L	Annually
Formaldehyde	µg/L	Annually
Biological Oxygen Demand (5-day)	mg/L	Monthly
Total Suspended Solids (TSS)	mg/L	Monthly
Flow to pond	Gallons	Daily
Freeboard	Feet	Weekly
Accumulated solids and vegetation	narrative	Monthly

### **Lake Oroville Marina LLC Monitoring**

#### **SURFACE WATER MONITORING**

Surface water samples shall be collected around the marina each month from May through September, in the general areas depicted in Attachment B, and analyzed for fecal coliform (Standard Method 9221 or 9222). Samples shall be collected, even if the dock configuration changes.

If any fecal coliform analysis exceeds 400 CFU/100 mL or if the geometric mean of fecal coliform analyses taken within any 30 day period exceed 200 CFU/100 mL, the Discharger shall immediately report the results, dye test the sewage collection system, and re-analyze all receiving water stations. Sampling shall continue daily until compliance is achieved.

#### **STANDARD OBSERVATIONS**

The moorage area shall be visually inspected, at least **monthly**, to determine if boats are discharging gray water while moored at the facility. If gray water discharges are occurring, the vessel identification number and moorage area shall be noted and reported to the Central

Valley Water Board. Visual observation and inspection notes shall be included in the monthly monitoring report. A log shall be kept of the water conditions with attention given to the presence or absence of:

- Floating or suspended matter
- Oil sheen or slick
- Discoloration
- Scum or foam
- Aquatic life

### REPORTING

The Discharger shall arrange monitoring data in tabular form so that the date, sample type, and analytical result for each sample area readily discernible. The data shall be summarized in such a manner to illustrate clearly compliance with waste discharge requirements. The results of any monitoring done more frequently than required at the locations specified in the MRP shall be reported to the Central Valley Water Board.

**Table 3 Monitoring reporting schedule**

<b>Monitoring Type</b>	<b>Responsible Party</b>	<b>Performance Schedule</b>	<b>Reporting Schedule</b>
Wastewater Treatment System Effluent	State DPR	Daily	Quarterly
Evaporation Pond	State DPR	Daily	Quarterly
Septic Tank	State DPR	Annually	Annually
Surface Water	Lake Oroville Marina LLC	monthly (May - September)	Quarterly
Standard Observations	Lake Oroville Marina LLC	monthly	Quarterly

The Discharger shall implement the above monitoring program as of the date of this Order. The Discharger shall comply with the MRP until a revised MRP is issued by the Executive Officer.

Ordered by: \_\_\_\_\_  
 PAMELA C. CREEDON, Executive Officer

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 (Date)