

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2013-0074

FOR

CASINI RANCH FAMILY CAMPGROUND

ONSITE WASTEWATER TREATMENT SYSTEMS

WDID No. 1B810160SON

Sonoma County

California Water Code sections 13267 authorize the Regional Water Quality Control Board (Regional Water Board) to require technical and monitoring reports. This monitoring and reporting program (MRP) establishes monitoring and reporting requirements, which implement California regulations. Any person failing to furnish technical or monitoring reports or falsifying any information therein is guilty of a misdemeanor, and may be subject to civil liability. (Water Code section 13268)

The purpose of this monitoring program is to determine compliance with Waste Discharge Requirements (WDRs) Order No. 81-016 and to ensure the proper maintenance and long-term operations of the onsite wastewater treatment systems (OWTS) serving the Casini Ranch Family Campground. The current owner of the Casini Ranch Family Campground (hereinafter Permittee) shall implement this monitoring and reporting program to document that the discharge is consistent with the report of waste discharge or equivalent documentation provided at the time of issuance of WDRs Order No. 81-016.

I. GENERAL MONITORING PROVISIONS

- A.** If the Permittee monitors any pollutant more frequently than required by this Order, using test procedures as specified in this Order, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the quarterly and annual self-monitoring reports.
- B.** Laboratories analyzing monitoring samples shall be certified by the California Department of Public Health (CDPH; formerly the Department of Health Services), in accordance with the provision of Water Code section 13176, and must include quality assurance/quality control data with their reports.

II. MONITORING LOCATIONS

The Permittee shall establish the following monitoring locations to demonstrate compliance with the discharge specifications and other requirements in WDRs Order No. 81-016:

Table 1. Monitoring Station Locations

Monitoring Location Name	Monitoring Location Description
INF-001	Flow Meter No. 1 receiving wastewater flowing from the septic tank-leachfield system No. 8 serving Moscow General Store and the laundry room, and wastewater flowing from the septic tank-leachfield system No. 9 serving the store restroom
INF-002	Flow Meter No. 2 receiving wastewater flowing from the septic tank-leachfield system No. 5 serving the Recreation Building
INF-003	Flow Meter No. 3 receiving wastewater flowing from the septic tank-leachfield system No. 4 serving 28 RV hookups and 1 residence trailer
INF-004	Flow Meter No. 4 receiving wastewater flowing from the septic tank-leachfield system No. 2 serving the Westerly restrooms and 4 RV sewer hookups
INF-005	Flow Meter No. 5 receiving flowing from the septic tank-leachfield system No. 1 serving the Center restrooms and 3 RV sewer hookups
INF-006	Flow Meter No. 6 receiving wastewater flowing from the septic tank-leachfield system No. 3 serving the Easterly restrooms and 4 RV sewer hookups
INF-007	Wastewater flowing from the septic tank-leachfield system No. 6 serving the employee quarters and 2x2 bedroom mobile homes
INF-008	Wastewater flowing from the septic tank-leachfield system No. 7 serving dump station No. 2
INF-009	Wastewater flowing from the septic tank-leachfield system No. 10 serving the entrance office
INF-010	Wastewater flowing from the septic tank-leachfield system No. 11 serving the employee RV sites
INF-011	Wastewater flowing from the septic tank-leachfield system No. 12 serving dump station No. 1
INF-012	Wastewater flowing from the septic tank-leachfield system No. 13 serving Paul's house
MW-1	Groundwater monitoring well No. 1 at Site 109a
MW-2	Groundwater monitoring well No. 2 at Overflow 4
MW-3	Groundwater monitoring well No. 3 at Site 26

III. MONITORING REQUIREMENTS

A. Influent Monitoring

- The Permittee shall monitor influent wastewater at monitoring locations INF-001, INF-002, INF-003, INF-004, INF-005, INF-006, INF-007¹, INF-008¹, INF-009¹, INF-010¹, INF-011¹, and INF-012¹ as follows:

Table C-3. Influent Monitoring

Parameter	Units	Sample Type	Minimum Sampling Frequency	Reporting Frequency
Flow	Gallons Per Day (GPD)	Locations INF-001 through INF-006: Metered reading Locations INF-007 through INF-012: Estimate based on occupancy rate or water use of camping area being served.	Weekly ²	Quarterly

IV. RECEIVING WATER MONITORING REQUIREMENTS

A. Groundwater Monitoring

- The Permittee shall monitor groundwater at monitoring well locations MW-1, MW-2, and MW-3 as follows:

Table C-7. Groundwater Monitoring – Monitoring Wells

Parameter	Units	Sample Type	Minimum Sampling Frequency	Reporting Frequency
Depth to Groundwater	0.01 feet	Calculated	Monthly	Quarterly
Nitrate as Nitrogen	mg/L	Grab	Monthly	Quarterly

¹ These locations do not contain flow meters to read the flow entering these systems. Thus, flow will be estimated to the monitor's best approximation.

² Flow only needs to be recorded weekly for each system during weeks when the system(s) is being operated. It should be stated in the Self-Monitoring Report when the system(s) is not being operated. Samples shall be taken on the same day each week, in order to accurately represent a 7-day period.

Table C-7. Groundwater Monitoring – Monitoring Wells

Parameter	Units	Sample Type	Minimum Sampling Frequency	Reporting Frequency
Total Dissolved Solids	mg/L	Grab	Monthly	Quarterly
Total Coliform Organisms	MPN/100 mL	Grab	Monthly	Quarterly

V. OTHER MONITORING REQUIREMENTS

A. Septic Tanks

1. The sludge and scum levels in all the septic tanks shall be checked at the beginning of each year and reported with each annual report. At a minimum, the tanks shall be cleaned out whenever;
 - a. The bottom of the scum layer is within three inches of the bottom of the outlet device;
 - b. The sludge thickness equals or exceeds 12 inches thick; or
 - c. Visible amounts of grease are present in the tank.
2. Receipts from a licensed septic hauler from the previous 3 month period shall be submitted in conjunction with quarterly monitoring reports.

VI. REPORTING REQUIREMENTS

A. Self-Monitoring Reports (SMRs)

1. At any time during the term of this permit, the State or Regional Water Board may notify the Permittee to electronically submit Self-Monitoring Reports (SMRs) using the State Water Board's California Integrated Water Quality System (CIWQS) Program Web site (<http://www.waterboards.ca.gov/ciwqs/index.html>). Until such notification is given, the Permittee shall submit hard copies of the SMRs to the Regional Water Board.
2. The Permittee shall submit monthly SMRs that include the results for all monitoring specified in this MRP. If the Permittee monitors any pollutant more frequently than required by this Order, the results of this monitoring shall be included in the calculations and reporting of the data submitted in the SMR.

3. All monitoring results shall include complete laboratory data sheets for each analysis and be submitted in conjunction with the quarterly SMR.
4. The sampling frequency shall correspond to the following period of time or monitoring period:

Sampling Frequency	Monitoring Period
Continuous	On-going
Daily	Midnight through 11:59 PM; or any identified 24-hour period that reasonably represents a calendar day for purposes of sampling.
Weekly	Monday through Sunday; or another identified 7-day period
Monthly	1 st day of calendar month through last day of calendar month
Quarterly	January-March April-June July-September October-December
2X / Year	June and November
Annually	January 1 through December 31

5. The Quarterly and Annual Self Monitoring Reports (SMRs) shall be submitted to the Regional Water Board no later than the following dates:

Report	Due Date
Quarter 1	May 1 st
Quarter 2	August 1 st
Quarter 3	November 1 st
Quarter 4	February 1 st
Annual	February 1 st

6. The Permittee shall submit SMRs in accordance with the following requirements:
 - a. The Permittee shall arrange all reported data in a tabular format.
 - b. The Permittee shall attach a cover letter to the SMR. The information contained in the cover letter shall clearly identify:
 - i. Facility name and address;

- ii. WDID number;
 - iii. Applicable period of monitoring and reporting;
 - iv. Violations of the WDRs (identified violations must include a description of the requirement that was violated and a description of the violation);
 - v. Corrective actions taken or planned; and
 - vi. The proposed time schedule for corrective actions.
- c. SMRs must be submitted to the Regional Water Board, signed and certified as required by the General Provisions portion of this Order, to the address listed below:

**Regional Water Quality Control Board
North Coast Region
5550 Skylane Blvd., Suite A
Santa Rosa, CA 95403**

B. Other Reports

1. **Annual Report.** The Permittee shall submit an annual report to the Regional Water Board for each calendar year. The report shall be submitted by February 1st of the following year. The report shall, at a minimum, include the following:
 - a. **Monitoring Data Summaries.** Both tabular and, where appropriate, graphical summaries of the monitoring data and disposal records from the previous year. If the Permittee monitors any pollutant more frequently than required by this Order, the results of this monitoring shall be included in the calculation and report of the data submitted in the SMR.
 - b. **Compliance Reporting.** A comprehensive discussion of the Facility's compliance (or lack thereof) with WDRs Order No. 81-016, and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with WDRs Order No. 81-016.
 - c. **Contact Information.** The names and telephone numbers of persons to contact regarding the Facility for routine and emergency situations.
 - d. **Operation and Maintenance (O&M) Manual and Spill Contingency Plan Review.** A statement certifying whether the current O&M manual and spill contingency plan reflect the wastewater treatment systems as currently constructed and operated, and the dates when those documents were last reviewed and last revised for adequacy.

C. Spills and Overflows Notification

1. For all spills, unauthorized discharges, and sanitary sewer overflows (SSOs) equal to or in excess of 1,000 gallons or any size spill or SSO that result in a discharge to a drainage channel or a surface water the Permittee shall:
 - a. As soon as possible, but not later than **two (2) hours** after becoming aware of the event, notify the California Emergency Management Agency (CalEMA), the local health officer or directors of environmental health with jurisdiction over affected water bodies or land areas, and the Regional Water Board.³

Information to be provided verbally to the Regional Water Board includes:

- i. Name and contact information of caller;
 - ii. Date, time, and location of spill occurrence;
 - iii. Estimates of spill volume, rate of flow, and spill duration;
 - iv. Surface water bodies impacted, if any;
 - v. Cause of spill, unauthorized discharge or SSO;
 - vi. Cleanup actions taken or repairs made; and
 - vii. Responding agencies.
- b. As soon as possible, but not later than **twenty-four (24) hours** after becoming aware of the event, submit to the Regional Water Board a certification that CalEMA and the local health officer or directors of environmental health with jurisdiction over affected water bodies or land areas have been notified of the discharge. For the purpose of this requirement, "certification" means a CalEMA certification number and, for the local health department, name of local health staff, department name, phone number and date and time contacted.
 - c. Within **five (5) business days**, submit a written report to the Regional Water Board office. The report must include information provided in the verbal notification and additional information as follows:
 - i. Other agencies notified by telephone and copies of reports submitted to other agencies;
 - ii. All available details related to the cause of the spill;
 - iii. Detailed description of cleanup actions and repairs taken; and
 - iv. Description of corrective actions that will be taken to minimize or prevent future spills.
 - d. In the cover letter of the quarterly monitoring report succeeding the event, include a brief written summary of the event and any additional details

³ The contact number for spill reporting for the CalEMA is (800) 852-7550. The contact number of the Regional Water Board during normal business hours is (707) 576-2220. After normal business hours, spill reporting to CalEMA will satisfy the 2-hour notification requirement for the Regional Water Board.

related to the cause or resolution of the event, including, but not limited to results of any water quality monitoring conducted.

2. For all spills, unauthorized discharges, and sanitary sewer overflows (SSOs) less than 1,000 gallons that do not reach a drainage channel or a surface water the Permittee shall:
 - a. As soon as possible, but not later than **twenty-four (24) hours** after becoming aware of the discharge, notify the Regional Water Board and provide the applicable information in requirement 1.a of this section.
 - b. In the cover letter of the quarterly monitoring report succeeding the event, include a written description of the event.

Original Signed By David Leland For

Ordered by _____

Matthias St. John
Executive Officer

November 14, 2013