California Regional Water Quality Control Board, San Diego Region

July 1, 2016

In reply refer to:
269953: oosibodu

Mr. Mark Kaveney
Water Reclamation Manager
Rancho California Water District
P.O Box 9017
Temecula, CA 92589-9017

Subject: Notice of Applicability for Order WQ 2014-0153-DWQ, Vail Lake RV Resort Onsite Wastewater Treatment System

Mr. Kaveney:

This Notice of Applicability (NOA) enrolls the discharge from the Vail Lake RV Resort onsite wastewater treatment system (OWTS) in Order WQ 2014-0153-DWQ, *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems* (General Order). Rancho California Water District (hereafter RCWD or Discharger) is required to comply with the requirements specified in this NOA and all applicable requirements in the General Order. A copy of the General Order is enclosed with this NOA and is available online at:

http://www.swrcb.ca.gov/board_decisions/adopted_orders/water_quality/2014/wqo2014_0153_dwq.pdf

The discharge from the Vail Lake RV Resort OWTS is currently regulated under Order No. 88-44. With the enrollment of the OWTS in the General Order, however, the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) plans to rescind Order No. 88-44. The discharge from the Vail Lake RV Resort OWTS is eligible for enrollment in the General Order based on information provided in monitoring reports and information obtained during a compliance inspection conducted by Board staff on January 15, 2016.

The San Diego Water Board was informed by RCWD that it acquired the Vail Lake RV Resort on August 24, 2014. RCWD reported that it has terminated illicit connections that were made to the OWTS and has completed upgrades/repairs to the OWTS. The San Diego Water Board is scheduled to consider rescinding Order No. 88-44 at its meeting on August 10, 2016. Enrollment in the General Order will be effective on August 10, 2016 or after rescission of Order No. 88-44 (whichever occurs first).

1. FACILITY AND DISCHARGE DESCRIPTION

Vail Lake RV Resort is located at 36800 Highway 79 in the City of Temecula, California; within the Aguanga Hydrologic Area (Aguanga HA 902.8). The Vail Lake RV Resort is a recreational vehicle (RV) park with accommodation for 470 RVs, all of which have full sewer hookups. The Vail Lake RV Resort OWTS consists of 16 septic tanks and a subsurface disposal system. Prior to entry, RVs are required to empty their holding tank waste into the dump stations. Vail Lake RV Resort also has two onsite dump stations neither of which are connected to a subsurface disposal system. Contents of the dump stations are pumped out periodically and hauled offsite for disposal.

2. CALIFORNIA ENVIRONMENTAL QUALITY ACT

The proposed project is the enrollment of the facility in the General Order, and may involve replacement and reconstruction of existing wastewater treatment facilities. As such, this project is categorically exempt from the requirements of the California Environmental Quality Act (CEQA) pursuant to title 14, California Code of Regulations (Cal. Code Regs.), section 15301, and in compliance with title 14, Cal Code Regs., section 15300.2.

3. SITE SPECIFIC REQUIREMENTS

The operator of the OWTS must be familiar with the requirements contained in the General Order, this Notice of Applicability (NOA), and the Monitoring and Reporting Program (MRP) in Section 4 below.

The General Order contains prohibitions and specifications that apply to all wastewater systems, and specifications that apply only to specific treatment and/or disposal systems. The RCWD shall comply with the following specific requirements below:

a. Required Technical Reports/Plans

The RCWD shall submit the following plans as described below:

i. A Spill Prevention and Emergency Response Plan consistent with the requirements of General Order Provision E.1.a. to be received by the San Diego Water Board by 5:00 p.m. on November 11, 2016.

ii. A Sampling and Analysis Plan consistent with the requirements of General Order Provision E.1.b to be received by the San Diego Water Board by 5:00 p.m. on November 11, 2016.

iii. A Sludge Management Plan consistent with the requirements of General Order Provision E.1.c to be received by the San Diego Water Board by 5:00 p.m. on November 11, 2016.

Upon approval of the plans by the San Diego Water Board, RCWD shall implement the plans.

b. Applicable Requirements of the General Order (Septic Systems)

RCWD must comply with Section B.2 (Septic Systems) of the General Order, which includes requirements such as preventing the disposal of household hazardous waste and toxic chemicals, minimizing the disposal of brines, phosphates and other inorganic salts to the OWTS; and discouraging the use of holding tank additives/chemicals that may contain formaldehyde, zinc, phenol, and other chemicals (see Attachment B2 of the General Order).

RCWD shall also continue to provide impervious storage tanks/dump stations for RV holding tank waste and require RVs to empty their holding tank waste into the dump stations prior to connecting to the OWTS or subsurface dispersal system. Other measures that may be implemented to ensure that no toxic chemical preservatives are discharged by RVs may include:

i. Educating visitors and providing an information sheet (see Attachment B-2 of the General Order) upon check-in on the potential environmental impacts of using toxic chemical preservatives in RV holding tanks.

ii. Ensuring that toxic chemical preservatives are not sold onsite to RV users.

c. Setback Requirements

New discharges must maintain the applicable setbacks specified in Table 3 of the General Order.

4. MONITORING AND REPORTING PROGRAM

RCWD shall comply with the monitoring requirements below which are based on the Monitoring and Reporting Program of the General Order.

a. Submit quarterly and annual monitoring reports as described in Sections A and B of Attachment C of the General Order respectively. The first quarterly report due is the October-December 2016 quarterly report, which must be submitted to the San Diego Water Board by 5:00 p.m. February 1, 2017. The first annual report due is the October-December 2016 annual report, which must be submitted to the San Diego Water Board by March 1, 2017.

b. A liquid grab sample shall be collected from at least two septic tanks and combined in equivalent amounts for a single analysis. RCWD shall implement a schedule for sampling the septic tanks so that all of the septic tanks are sampled within an eight year period. The septic tank effluent samples shall be collected as close to the outlet pipe as

practical. The samples shall be analyzed and results reported as described in Table 1 below:

Table 1. Septic Tank Effluent Monitoring

Constituent	Units[a]	Sample Type	Sample Frequency[b]	Reporting Frequency[b]
Total Nitrogen	mg/L	Grab	Annually	Annually
Nitrate (as N)	mg/L	Grab	Annually	Annually
Zinc	mg/L	Grab	Annually	Annually
Phenol	mg/L	Grab	Annually	Annually
Formaldehyde	mg/L	Grab	Annually	Annually

Table Notes:

a. mg/L denotes milligrams per liter.
b. Annually is defined as a period of 12 consecutive calendar months beginning on January 1.

c. Monitoring of the septic tanks shall include the following:

Table 2. Septic Tank Monitoring

Parameter	Units	Measurement Type	Inspection/Reporting Frequency[a]
Sludge depth and scum thickness in each compartment of each tank	Feet	Staff Gauge	Quarterly
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Quarterly
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Quarterly
Effluent filter condition (if equipped, clean as needed)	Not Applicable	Not Applicable	Quarterly

Table Notes:

a. Quarterly is defined as a period of three consecutive calendar months beginning on January 1, April 1, July 1, or October 1.

Septic tanks shall be pumped when any one of the following conditions exists:

i. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment.

ii. The scum layer is within 3 inches of the outlet device.

iii. The sludge layer is within 8 inches of the outlet device.

If a septic tank is pumped during the year, the pumping report shall be submitted with the annual report. All pumping reports shall be submitted with the next regularly scheduled monitoring report. At a minimum, the record shall include the date, nature of service, service company name, and service company license number.

d. Monitoring of the subsurface disposal area is required to determine if wastewater is evenly applied, the disposal area is not saturated, burrowing animals and/or deep rooted plants are not present, and odors are not present. Inspection of dosing pump controllers, automatic distribution valves, etc. is required to maintain optimum treatment in the disposal area (and any sand or media filter if present). Monitoring shall include the following at a minimum:

Table 3. Subsurface Disposal Area Monitoring

Constituent	Inspection Frequency[e]	Inspection/Reporting Frequency[e]
Pump Controllers, Automatic Valves, etc[a]	Quarterly	Quarterly
Nuisance Odor Condition	Quarterly	Quarterly
Saturated Soil Conditions[b]	Quarterly	Quarterly
Plant Growth[c]	Quarterly	Quarterly
Vectors or Animal Burrowing[d]	Quarterly	Quarterly

Table Notes:

a. All pump controllers and automatic distribution valves shall be inspected for proper operation as recommended by the manufacturer.
b. Inspect a disposal area for saturated conditions.
c. Shallow-rooted plants are generally desirable, deep-rooted plants such as trees shall be removed as necessary.
d. Evidence of animals burrowing shall be immediately investigated and burrowing animal populations controlled as necessary.
e. Quarterly is defined as a period of three consecutive calendar months beginning on January 1, April 1, July 1, or October 1.

e. RCWD shall collect provide analysis results of groundwater samples collected from the onsite groundwater well as described in Table 4 below:

Table 4. Groundwater Monitoring

Constituent	Units[a]	Sample Type	Sample Frequency[b]	Reporting Frequency[b]
Total Nitrogen	mg/L	Grab	Annually	Annually
Nitrate (as N)	mg/L	Grab	Annually	Annually

Constituent	Units[a]	Sample Type	Sample Frequency[b]	Reporting Frequency[b]
Sulfate	mg/L	Grab	Annually	Annually
Chloride	mg/L	Grab	Annually	Annually
Total Dissolved Solids	mg/L	Grab	Annually	Annually

Table Notes:

a. mg/L denotes milligrams per liter.
b. Annually is defined as a period of 12 consecutive calendar months beginning on January 1.

5. ENFORCEMENT

Please review this NOA carefully to ensure that it completely and accurately reflects the discharge. If the Discharger violates the terms or conditions listed in the NOA or the General Order, the San Diego Water Board may take enforcement action, including assessment of administrative civil liability. Prior to allowing changes to the wastewater strength, generation rate, or changes to the method of waste disposal, you must contact the San Diego Water Board to determine if submittal of a Report of Waste Discharge is required.

RCWD is primarily responsible for compliance with the General Order and this NOA. Failure to comply with the requirements in the General Order or this NOA could result in an enforcement action as authorized by provisions of the Water Code. Discharges of wastes other than domestic wastewater or RV holding tank waste are prohibited.

6. ANNUAL FEES AND SAN DIEGO WATER BOARD CONTACT INFORMATION

The discharge has a threat to water quality and complexity rating of 3-C. The annual fee corresponding to a threat to water quality and complexity of 3-C can be found using the current fee schedule;[1] however, based on the flow rate, the discharge qualifies for the 50-percent fee discount. The first annual fee for this discharge is therefore $1,709.50. The fee is due and payable on an annual basis until enrollment in the General Order is formally terminated. If the wastewater discharge ceases, you must provide written notice to enable the San Diego Water Board to terminate enrollment and billing.

Please review the conditions specified in this NOA and applicable sections of the General Order and notify the San Diego Water Board if for any reason you are not able to comply with any of the conditions specified in this NOA or the General Order.

Please submit all future monitoring reports and documents required by the General Order to the San Diego Water Board by email. The email submittals must include a signed cover/transmittal letter with the facility name, facility contact information, and reference code **269953:oosibodu**. Monitoring reports, documents, and other email submittals must

[1] http://www.waterboards.ca.gov/resources/fees/water_quality/

be sent to sandiego@waterboards.ca.gov. Routine email correspondence may be sent directly to individual San Diego Water Board staff members.

Documents that are 50 megabytes or larger should be transferred to a disk and mailed to the San Diego Water Board. For more extensive information provided in larger documents, the San Diego Water Board staff may request that specific individual items such as appendices to large/complex technical reports and/or large drawings, grading plans, or maps continue to be provided in paper format. If you have specific questions about email submittal procedures, please contact Ms. Cleo Muniz of our Mission Support Services Unit at 619-521-3384, or via email at Cleo.Muniz@waterboards.ca.gov.

Please contact Mr. Fisayo Osibodu at 619-521-8036 or via email at Olufisayo.Osibodu@waterboards.ca.gov if you have any questions or comments.

Respectfully,

David W. Gibson
Executive Officer

DG:jgs:jac:jro:oo

Enclosure:

Order WQ 2014-0153-DWQ, *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems*

CIWQS INFO	
Place ID	269953
Party ID	274891
Regulatory Measure ID	398403