



Central Valley Regional Water Quality Control Board

29 June 2020

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NOTICE OF APPLICABILITY

GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS
ORDER WQ 2014-0153-DWQ
FOR
MOUNTAIN RETREAT RESORT
CALAVERAS COUNTY WATER DISTRICT
SEQUOIA WOODS MOUNTAIN RETREAT WASTEWATER TREATMENT FACILITY
CALAVERAS COUNTY

The Calaveras County Water District (CCWD) submitted a Report of Waste Discharge (RWD) dated 2 January 2018 describing Sequoia Woods Mountain Retreat Wastewater Treatment Facility (WWTF) in Calaveras County. Based on the provided information, the proposed domestic wastewater treatment system and discharge is consistent with the requirements of the State Water Resources Control Board (State Water Board) General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems, Order WQ 2014-0153-DWQ (General Order). This Notice of Applicability (NOA) provides notice that the General Order is applicable to the site as described below. You are hereby assigned Order WQ 2014-0153-DWQ-R5319 for the discharge. A copy of the [General Order](#) is enclosed and also available at:

(https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2014/wqo2014_0153_dwq.pdf)

You should familiarize yourself with the entire General Order and its attachments, which describe mandatory discharge and monitoring requirements. The General Order contains operational and reporting requirements by wastewater system type. Sampling, monitoring, and reporting requirements applicable to your treatment and disposal methods must be

KARL E. LONGLEY ScD, P.E., CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

completed in accordance with the appropriate treatment system sections of the General Order and the attached Monitoring and Reporting Program (MRP) WQ 2014-0153-DWQ-R5319.

REGULATORY BACKGROUND

WDRs 95-069, adopted by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 24 March 1995, prescribes requirements for the facility, and allows a monthly average dry weather flow (ADWF) of 6,300 gallons per day (gpd). WDRs Order 95-069 will be rescinded at an upcoming Central Valley Water Board meeting. Effective upon rescission of Order 95-069, the discharge described in this NOA shall be regulated pursuant to the General Order.

EXISTING FACILITY AND DISCHARGE DESCRIPTION

The WWTF is located in the community of Blue Lake Springs approximately one mile east of Arnold in Calaveras County in Section 28, T05N, and R15E, MDB&M as shown in Attachment A, which is incorporated herein. The WWTF was constructed in two phases by the two developers who built Sequoia Woods and Mountain Retreat subdivisions. The wastewater collection, treatment and disposal facilities, which serve Sequoia Woods and Mountain Retreat subdivisions, are referred to as System 1 and 2 in this NOA. The facility in the Sequoia Woods subdivision is referred to as System 1, which was completed in 1974; the facility in the Mountain Retreat subdivision is referred to as System 2, which was constructed in 1984.

System 1 is located at properties with Assessor's Parcel Numbers (APN) 026-058-002 and 026-058-003. System 2 is located at properties with APN 026-060-032. CCWD owns and operates wastewater treatment facilities in both Systems 1 and 2, and operates the leachfields in Mountain Retreat area. The leach fields are owned by Mountain Retreat Resort. Mountain Retreat Resort and CCWD are jointly referred to as "Discharger". The locations of treatment systems (septic tanks) and leachfields are shown in Attachment B, which is incorporated herein.

Systems 1 and 2 treat and dispose domestic wastewater from 47 Equivalent Dwelling Units (EDUs), including 41 condominiums and one lodge equaling six EDUs. System 1 has a septic tank capacity of 8,200 gallons providing treatment for 30 EDUs. System 2 has a septic tank capacity of 7,500 gallons providing treatment for 17 EDUs. Combined effluent from System 1 and 2 septic tanks flows through a distribution manhole, and then infiltrates in the leach fields in Mountain Retreat area by gravity via perforated pipes in separate infiltration trenches. Effluent is metered prior to entering the leach fields. Based on the RWD, the length of leach line is 1,680 feet with a disposal capacity of 6,300 gpd. The process flow diagram is shown in Attachment C, which is incorporated herein.

The effluent had an average dry weather flow (ADWF) of 5,640 gpd between 2015 through 2017 for the existing 47 EDUs. Historical data for influent and effluent quality are unavailable due to no monitoring requirements included in WDRs Order 95-069. The RWD states that influent quality is anticipated to be typical of residential wastewater with highest flow and concentrations in the summer, correspondingly lowest concentration strength in

the winter. Influent BOD5 and total nitrogen concentrations are estimated to be 150 to 250 mg/L and 30 to 50 mg/L, respectively.

Solids managements consists of annual removal of accumulated solids deposited in both septic units. These solids are then transported to the Forest Meadows Wastewater Treatment and Reclamation Plant, which is regulated under WDRs Order 5-00-066.

The potable water supply for the Sequoia Woods and Mountain Retreat subdivisions comes from Hunter Reservoir, which contains water diverted from McKays Point Reservoir located on the North Fork Stanislaus River. Drinking water has a TDS concentration of 35 mg/L based on the CCWD's 2016 Annual Water Quality Report.

The Facility is near, but not in, a Federal Emergency Management Agency (FEMA) one percent flood zone, as shown on Attachment B. Local drainage around the Facility is to Moran Creek, which is tributary to the Stanislaus River.

SITE-SPECIFIC REQUIREMENTS

The Discharger shall comply with all applicable sections in the General Order, including:

1. Requirements A. Prohibitions
2. Requirements B.1.a.

The Discharger shall comply with the following flow limit:

Effluent entering the leachfields shall not exceed **6,300 gpd** as an average dry weather flow defined as the total flow for the months of July through September divided by 92 days.

3. Requirements B.1.b. through B.1.l

For Section B.1.l, the Discharger shall comply with the following setback requirements listed in in Table 3 of the General Order:

Equipment or Activity	Domestic Well	Flowing Stream	Ephemeral Stream Drainage	Property Line	Lake or Reservoir
Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System	150 ft.	50 ft.	50 ft.	5 ft.	200 ft.
Leach Field	100 ft.	100 ft.	50 ft.	5 ft.	200 ft.

4. Requirements B.2. Septic Systems
5. Requirements B.6 Subsurface Disposal Systems

6. Requirements C. Groundwater and Surface Water Limitations
7. Provision E.2 and E.3

MONITORING AND REPORTING PROGRAM

Upon activation of this NOA, the Discharger shall comply with MRP WQ 2014-0153-DWQ-R5319, which is incorporated herein.

ENFORCEMENT

Please review this NOA carefully to ensure that it completely and accurately reflects the discharge. Discharge of wastes other than those described in this NOA is prohibited. Prior to allowing changes to the wastewater strength, generation rate, or to the method of waste disposal, you must contact the Central Valley Water Board to determine if submittal of an RWD is required.

The Discharger generates the waste subject to the terms and conditions of WQ 2014-0153-DWQ-R5319 and maintains exclusive control over the discharge. As such, CCWD is primarily responsible for compliance with this NOA, MRP, and General Order, with all attachments. 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 California Water Code.

DOCUMENT SUBMITTAL

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov .

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: Sequoia Woods Mountain Retreat Wastewater Treatment Facility
Program: Non-15 Compliance
Order: WQ 2014-0153-DWQ-R5319
CIWQS Place ID: CW-256316

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

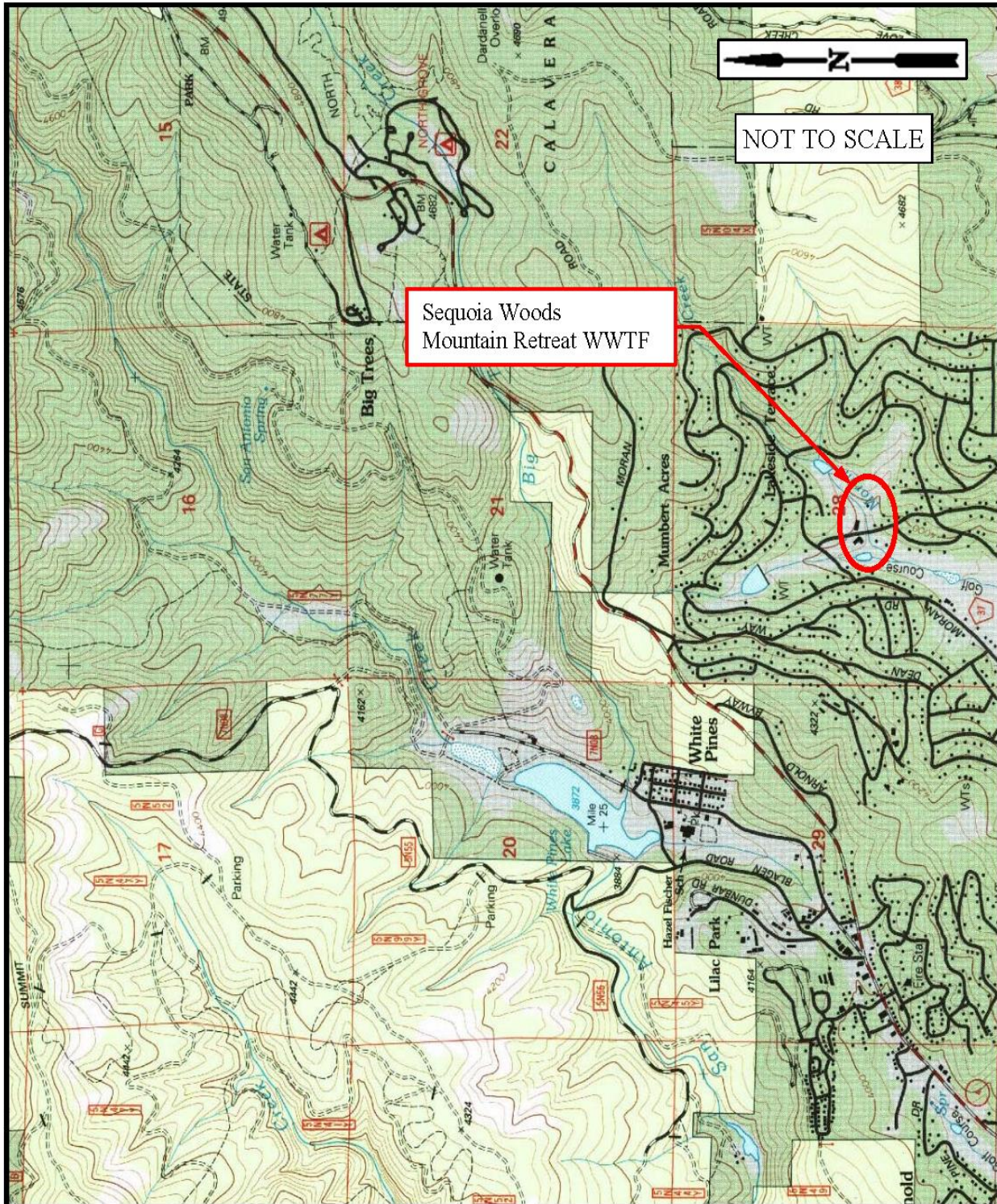
Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Now that the Notice of Applicability has been issued, the Board's Compliance and Enforcement section will take over management of your case. Kenny Croyle is your new point of contact for any questions about the General Order. If you find it necessary to make a change to your permitted operations, Kenny will direct you to the appropriate Permitting staff. You may contact Kenny at (916) 464-4676 or at kcroyle@waterboards.ca.gov.

For Patrick Pulupa, Executive Officer

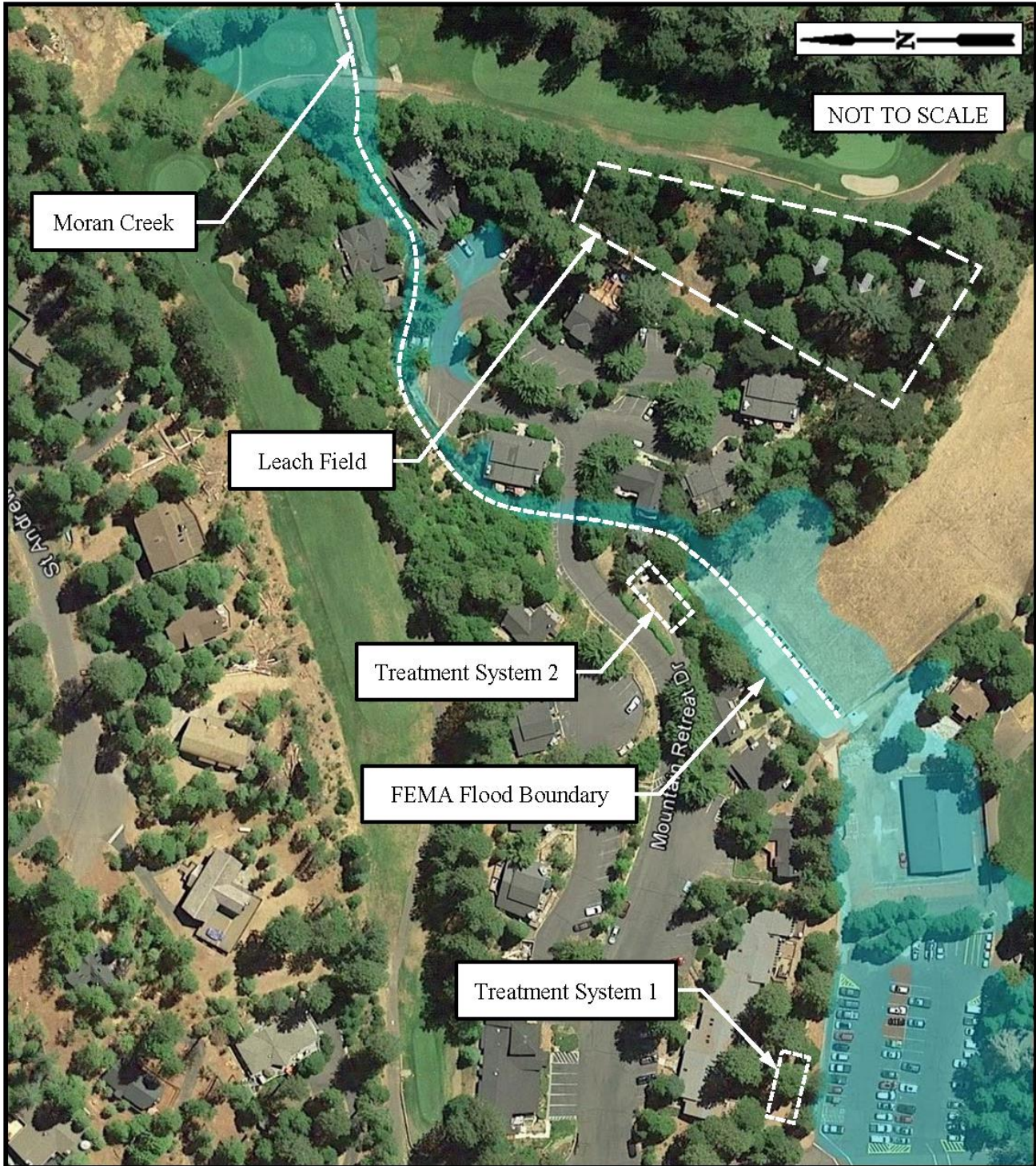
Enclosures: Water Quality Order WQ 2014-0153-DWQ
Monitoring and Reporting Program WQ 2014-0153-DWQ-R5319
Attachment A, Site Location Map
Attachment B, Site Plan
Attachment C, Process Flow Diagram

cc w/out enc: Brian Moss, Calaveras County Environmental Health Department



LOCATION MAP
Sequoia Woods Mountain Retreat
Wastewater Treatment Facility

Reference:
Calaveras County Water District
Report of Waste Discharge
January 2018



SITE PLAN
Sequoia Woods Mountain Retreat
Wastewater Treatment Facility

Reference:
Calaveras County Water District
Report of Waste Discharge
January 2018

