



Central Valley Regional Water Quality Control Board

29 June 2021

Adam Evans
Evans Management Services
871 38th Avenue
Santa Cruz
California 95062

CERTIFIED MAIL
7020-1810-0002-0569-0234

NOTICE OF APPLICABILITY

GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS
ORDER WQ 2014-0153-DWQ
FOR
PIONEER CREEK MOBILE HOME COMMUNITY
WASTEWATER TREATMENT FACILITY
AMADOR COUNTY

On 1 September 2017, the Pioneer Creek Mobile Home Community (hereafter Discharger) submitted a Report of Waste Discharge (RWD) for its Wastewater Treatment Facility (WWTF) requesting to obtain coverage under the State Water Resources Control Board's (State Water Board's) General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems, Order WQ 2014-0153-DWQ (General Order). Currently, the Pioneer Creek Mobile Home Community is under management of Evans Management Services. This Notice of Applicability (NOA) provides notice that the General Order is applicable to the WWTF as described below. You are hereby assigned Order WQ 2014-0153-DWQ-R5359 for the discharge. After Waste Discharge Requirements (WDRs) Order 88-109 has been rescinded, coverage under General Order 2014-0153-DWQ will become effective. A copy of the [General Order](#) is enclosed and also available at:

http://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 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-R5359. The Discharger is responsible for all the applicable requirements that exist in the General Order

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

11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | www.waterboards.ca.gov/centralvalley

and this NOA.

EXISTING FACILITY AND DISCHARGE DESCRIPTION

The WWTF is located at 16565 Prospect Place, Pioneer, in Amador County as shown on attachment A, which is incorporated herein. The WWTF is operated by Evans Management Services.

The WWTF provides wastewater treatment and disposal service for Pioneer Creek Mobile Home Community. The maximum capacity of the community is 63 mobile home units. Currently there are approximately 56 mobile home units connected to the sewer collection system. There is no flow meter onsite. The RWD estimates that the domestic wastewater generated from the community is approximately 5,000 gallons per day (gpd) based on population. The existing WDRs Order 88-109 contains a flow limit of 7,000 gpd as a dry weather monthly average discharge rate.

The WWTF consists of two 5,000-gallon steel septic tanks and three evaporation/percolation ponds. Septic tank effluent is directed into one or more of the evaporation/percolation ponds for disposal. The operator directs effluent to one pond or another depending upon pond level, maintenance needs, or other factors that affect disposal efficiency. Approximate surface areas of three ponds at two feet of freeboard are 4,500 square feet for Pond 1, 5,800 square feet for Pond 2, and 5,700 square feet for Pond 3. The depths of the ponds are four feet for Pond 1 and 2, and five feet for Pond 3 based on two-feet of free board. The site plan is shown on Attachments B, which is incorporated herein.

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: The treated wastewater entering the storage pond shall not exceed 7,000 gallon as a monthly average.

3. Requirements B.1.b. through B.1.i

For Section B.1.i, 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.
Impoundment	150 ft.	150 ft.	150 ft.	50 ft.	200 ft.

4. Requirements B.2 Septic Systems
5. Requirements B.5 Pond Systems
6. Requirements B.8 Sludge/Solids/Biosolids Disposal
7. Requirements C. Groundwater and Surface Water Limitations
8. Provision E.2 and E.3

On 31 May 2018, the Central Valley Water Board adopted Basin Plan amendments incorporating new strategies for addressing ongoing salt and nitrate accumulation in the Central Valley as part of the Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS) initiative. Further details of these strategies are discussed in the enclosed memorandum. As these strategies are implemented, the Central Valley Water Board may find it necessary to modify the requirements of this NOA to ensure the goals of the Salt and Nitrate Control Program are met.

MONITORING AND REPORTING PROGRAM

WDRs Order 88-109 will be rescinded at an upcoming Central Valley Regional Water Quality Control Board (Central Valley Water Board) meeting. Effective upon rescission of WDRs Order 88-109, the Discharger shall comply with MRP WQ 2014-0153-DWQ-R5359, 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 a Report Waste Discharge is required.

The Discharger generates the waste subject to the terms and conditions of Water Quality Order WQ 2014-0153-DWQ-R5359 and maintains exclusive control over the discharge. As such, the Discharger 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: Pioneer Creek Mobile Home Wastewater Treatment Facility
Program: Non-15 Compliance
Order: WQ 2014-0153-DWQ-R5359
CIWQS Place ID: CW- 248476

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 NOA has been issued, the Central Valley Water 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 section staff. You may contact Kenny at (916) 464-4676 or at kcroyle@waterboards.ca.gov .



for Patrick Pulupa
Executive Officer

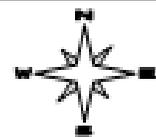
Enclosures: Water Quality Order WQ 2014-0153-DWQ
Monitoring and Reporting Program WQ 2014-0153-DWQ-R5359
Attachment A, Location Map
Attachment B, Site Plan
Staff Review Memorandum for Pioneer Creek Mobile Home Community WWTF

cc w/out enc: Michelle Opalenik, Amador County Environmental Health Department
Debbie Webster, CVCWA (via email)
David Lancaster, State Water Resources Control Board, Sacramento (via email)
Laurel Warddrip, State Water Resources Control Board, Sacramento (via email)
Howard Hold, Central Valley Water Board, Rancho Cordova (via email)

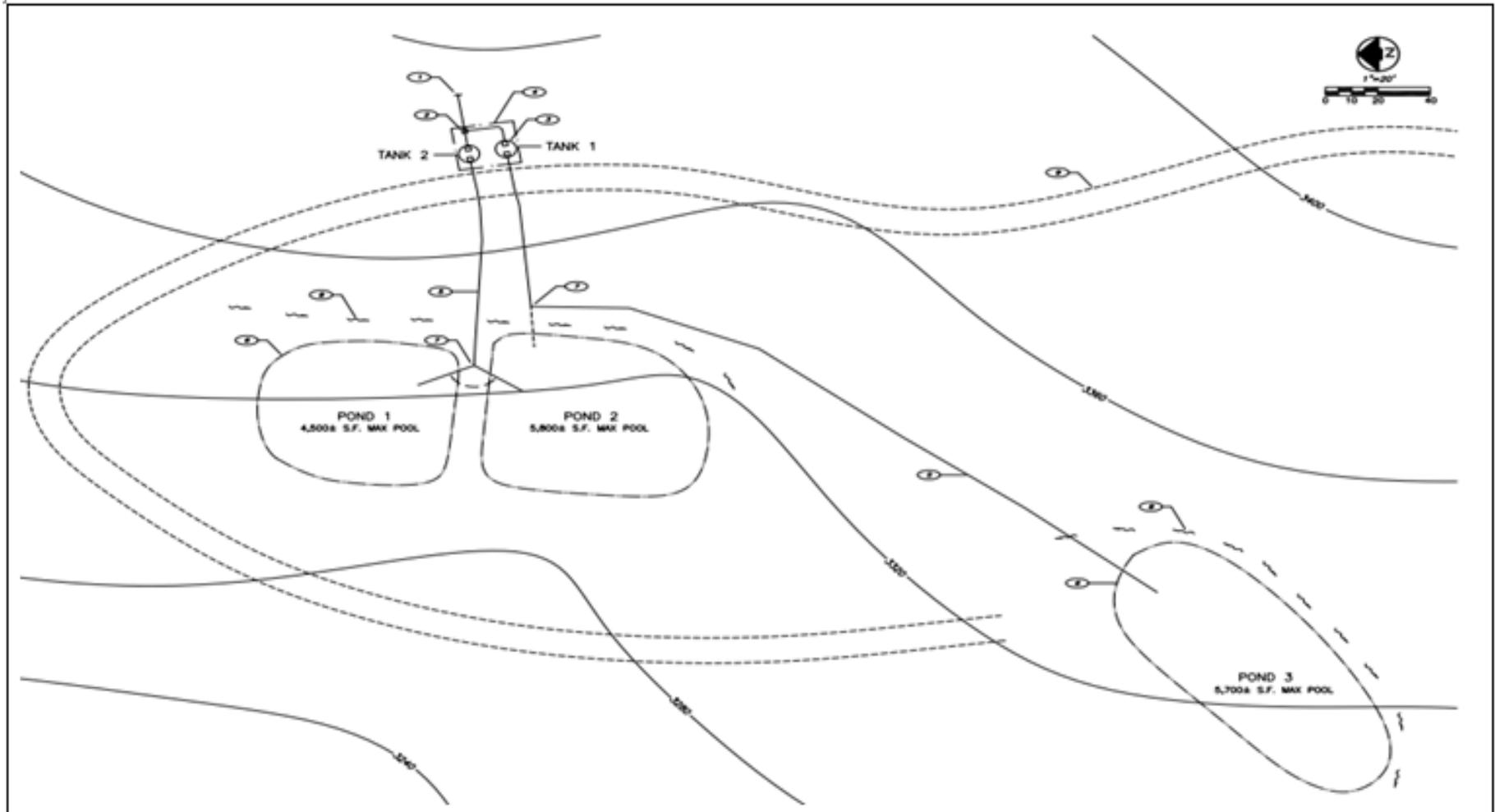


Reference:
Google Map

**LOCATION MAP
PIONEER CREEK MOBILE HOME COMMUNITY
WASTEWATER TREATMENT FACILITY
AMADOR COUNTY**



No Scale



Drawing Reference:

RWD, Pioneer Creek Mobile Home Community
September 2017

**SITE PLAN
PIONEER CREEK MOBILE HOME COMMUNITY
WASTEWATER TREATMENT FACILITY
AMADOR COUNTY**

TO: Robert Busby
Supervising Engineering Geologist

FROM: Scott Armstrong
Senior Engineering Geologist

Lixin Fu
Water Resource Control Engineer

DATE: 7 June 2021

APPLICABILITY OF COVERAGE UNDER STATE WATER RESOURCES CONTROL BOARD ORDER WQ 2014-0153-DWQ; GENERAL WASTE DISCHARGE REQUIREMENTS FOR SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS; PIONEER CREEK MOBILE HOME COMMUNITY WASTEWATER TREATMENT FACILITY; AMADOR COUNTY

On 1 September 2017, the Pioneer Creek Mobile Home Community (hereafter Discharger) submitted a Report of Waste Discharge for requesting to obtain coverage under 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). Evans Management Services operates the WWTF. This memorandum provides a summary of the applicability of this discharge for coverage under the General Order.

REGULATORY BACKGROUND

Waste Discharge Requirements (WDRs) 88-109, adopted by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 24 June 1988, prescribes requirements for Pioneer Creek Mobile Home Community Wastewater Treatment Facility (WWTF), and allows a 30-day average dry weather discharge flow of 7,000 gallons per day (gpd). WDRs Order 88-109 will be rescinded at an upcoming Central Valley Water Board meeting. Effective upon rescission of Order 88-109, the discharge described in this NOA shall be regulated pursuant to the General Order.

EXISTING FACILITY AND DISCHARGE DESCRIPTION

The WWTF is located at 16565 Prospect Place, Pioneer, in Amador County. The community is situated within Section 21, Township 7N, Range 13E, MDB&M with assessor's parcel numbers 023-070-024 and 023-070-075. Currently there are 56 units with a population of 78. There are no commercial uses in the community and the wastewater system does not accept wastewater from outside of the community.

The community is served by municipal water supplied by the Amador Water Agency (AWA). The source water from Tiger Creek Reservoir is treated by Buckhorn Water Treatment Plant. Based on a sampling event conducted on 28 May 2020 by the AWA, the treated water supply has a TDS concentration of 27 mg/L.

The WWTF consists of a conventional collection system, two 5,000-gallon steel septic tanks, and three unlined evaporation/percolation ponds. During routine operation, collected wastewater is directed into one of the two septic tanks for primary settling, clarification and

treatment. Septic tank effluent is then directed into one or more of the evaporation/percolation ponds for disposal.

The contents of each of the septic tanks are pumped out every year when the tank is seasonally rotated out of service. Evacuations are conducted by a licensed septic tank inspection contractor. Evacuated materials (solids and liquids) are delivered to a licensed treatment and disposal facility.

There are no monitoring wells onsite and depth to groundwater beneath the by the community has not been determined directly. However, the RWD states that monitoring well data have been obtained from Mace Meadows Community Leachfield System, which is located approximately 3,500 feet north of the Pioneer Creek Mobile Home Community at a similar elevation. The first semi-annual 2017 monitoring report for the Mace Meadows Community Leachfield System indicates that the ground water depth was approximately 88 feet below ground surface. The RWD states that the depth to ground water beneath the Pioneer Creek Mobile Home Community may be roughly 80-90 feet below ground surface.

Wastewater generation rates are not currently measured at the community. Because MRP 88-109 does not contain monitoring requirements for effluent quality, there are no effluent data available. MRP WQ 2014-0153-DWQ-R5359 will include monitoring requirements for effluent quality and flow rate.

MONITORING REQUIREMENTS

Monitoring requirements included in the following sections from Attachment C of the General Order are appropriate for this discharge:

- Septic Tank Monitoring
- Effluent Monitoring
- Pond System Monitoring
- Solids Disposal Monitoring

SALT AND NITRATE CONTROL PROGRAMS

The Central Valley Water Board adopted Basin Plan amendments incorporating new programs for addressing ongoing salt and nitrate accumulation in the Central Valley at its 31 May 2018 Board Meeting. The Basin Plan amendments were conditionally approved by the State Water Board on 16 October 2019 (Resolution 2019-0057) and by the Office of Administrative Law on 15 January 2020 (OAL Matter No. 2019-1203-03).

For nitrate, dischargers that are unable to comply with stringent nitrate requirements will be required to take on alternate compliance approaches that involve providing replacement drinking water to persons whose drinking water is affected by nitrates. Dischargers may comply with the new nitrate program either individually or collectively with other dischargers. For the Nitrate Control Program, the facility falls within Non-Prioritized Groundwater Basins. Notices to Comply for Non-Prioritized Basins will be issued within two to four years after the effective date of the Nitrate Control Program.

For salinity, dischargers that are unable to comply with stringent salinity requirements will instead need to meet performance-based requirements and participate in a basin-wide effort to develop a long-term salinity strategy for the Central Valley. Dischargers received a Notice to Comply with instructions and obligations for the Salt Control Program within one year of 17 January 2020, the effective date of the amendments. Upon receipt of the Notice to Comply, the discharger had no more than six months to inform the Central Valley Water Board of their choice between Option 1 (Conservative Option for Salt Permitting) or Option 2 (Alternative Option for Salt Permitting).

As these strategies are implemented, the Central Valley Water Board may find it necessary to modify the requirements of this Order to ensure the goals of the Salt and Nitrate Control Programs are met. This order may be amended or modified to incorporate newly applicable requirements. More information regarding this regulatory planning process can be found on the Central Valley Water Board CV-SALTS website (https://www.waterboards.ca.gov/centralvalley/water_issues/salinity).