



Central Valley Regional Water Quality Control Board

19 March 2024

Thomas Pacelli
Skyview Terrace Mobile Home Park
22880 Savi Ranch Parkway
Yorba Linda, CA 92887

CERTIFIED MAIL
9589 0710 5270 0591 2602 93

NOTICE OF APPLICABILITY

GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS
ORDER WQ 2014-0153-DWQ
FOR
SKYVIEW TERRACE MOBILE HOME PARK, LLC
SKYVIEW TERRACE MOBILE HOME PARK
PLACER COUNTY

On 25 May 2021, Skyview Terrace Mobile Home Park, LLC (hereafter Discharger) submitted a Report of Waste Discharge (RWD) describing the Skyview Terrace Mobile Home Park Wastewater Treatment Plant (WWTP) in Placer County. The WWTP is currently regulated by Waste Discharge Requirements (WDR) Order R5-2002-0140, which was adopted by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 19 July 2002. Based on information provided in the RWD, the wastewater treatment system and discharge are 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) serves as formal notice that upon rescission of Order R5-2002-0140 at an upcoming Central Valley Water Board meeting, the discharge shall be regulated pursuant to the General Order and this NOA. You are hereby assigned Order WQ 2014-0153-DWQ-R5408 for the discharge. 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-R5408. The Discharger is responsible for all the applicable requirements that exist in the General Order and this NOA.

EXISTING FACILITY AND DISCHARGE DESCRIPTION

The WWTP provides wastewater treatment and disposal service for the Skyview Terrace Mobile Home Park, which has a capacity for 135 mobile permanent homes. The WWTP is located at 21200 Todd Valley Road, Foresthill in Placer County, in Section 8, T13N, R10E, MDB&M, as shown on Attachment A, which is incorporated herein. The WWTP is comprised of Assessor's Parcel Number 255-010-010-000 totaling approximately 49.2 acres. The WWTP is owned and operated by the Discharger. The waste generated from mobile units is typical domestic wastewater from residential uses. There is no RV dumping station and no special events or high wastewater discharge events at the facility.

The WWTP consists of two septic tanks, three unlined aerated ponds, and a leach field system. The site plan and process schematic are shown on Attachments B and C, respectively, which are incorporated herein.

Wastewater from the mobile units is directed to an underground collection system that gravity drains to two septic tanks. The two septic tanks are located in different sections of the park. The main septic tank has a capacity of 10,000 gallons and the second tank has a capacity of 4,000 gallons and serves a lesser number of homes. The combined outflow from both tanks is measured by a flow meter before discharge to one of two ponds, Pond 1 or Pond 2. Wastewater in Pond 1 gravity drains through a control valve to Pond 2. Wastewater from Pond 2 is transferred to Pond 3. The effluent from Pond 3 is pumped to a leach field for disposal after passing through via an Orenco filter. The leach field has 540 feet of leach lines with a disposal capacity of 1,600 gallons per day (gpd).

The water balance included in the RWD indicates that the maximum capacity of the WWTP is 27,388 gpd as an average day dry weather influent flow (ADWF) based on two feet of freeboard in each pond.

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. Flow Limits

The Discharger shall comply with the following flow limits:

Influent flow entering the treatment ponds shall not exceed **27,388 gpd** as an average dry weather flow. The average dry weather flow is defined as the total flow for the months of July through September divided by 92 days.

The maximum daily flow to the leachfield shall not exceed **1,600 gpd**.

3. Requirements B.1.b. through B.1.I:

Section B.1.b. through B.1.I of the General Order applies in its entirety. 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.
Leach Field	100 ft	100 ft	50 ft	5 ft.	200 ft.
Impoundment	150 ft.	150 ft.	150 ft.	50 ft.	200 ft.

4. Requirements B.2 Septic Systems

The WWTP utilizes a septic system; therefore Section B.2 of the General Order applies in its entirety.

5. Requirements B.5 Pond Systems

The WWTP utilizes a pond system; therefore Section B.5 of the General Order applies in its entirety.

6. Requirements B.6. Subsurface Disposal Systems

The WWTP utilizes a leach field system, therefore Section B.6 of the General Order applies in its entirety.

7. Requirements B.8 Sludge/Solids/Biosolids Disposal

The WWTP generates sludge/solids/biosolids that must be disposed of; therefore Section B.8 of the General Order applies in its entirety.

8. Requirements C. Groundwater and Surface Water Limitations

Section C of the General Order applies in its entirety.

9. Requirements D. Effluent Limitations

Pond effluent discharged to the leach field shall not exceed BOD5 of 40 mg/L as a daily maximum.

10. Provision E.2 and E.3

Section E.2 and E.3 of the General Order applies in its entirety.

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 Resources Control 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).

- a. 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. The Discharger, with CV-SALTS ID 2506, has opted to participate in the Prioritization and Optimization (P&O) Study.
- b. For the Nitrate Control Program, the Facility falls outside of any prioritized Groundwater Basin, so no action is required at this time.

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 Programs are met. 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).

MONITORING AND REPORTING PROGRAM

WDRs Order R5-2002-0140 will be rescinded at an upcoming Central Valley Water Board meeting. Effective upon the first day of the month following rescission of Order R5-2002-0140, the Discharger shall comply with MRP WQ 2014-0153-DWQ-R5408, 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-R5408 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: Skyview Terrace Mobile Home Park
Program: Non-15 Compliance
Order: WQ 2014-0153-DWQ-R5408
CIWQS Place ID: CW-257387

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 Board's Compliance and Enforcement section will take over management of your case. Guy Childs is your point of contact for any questions about the NOA. If you find it necessary to make a change to your permitted operations, Guy will direct you to the appropriate Permitting staff. You may contact Guy at (916) 464-4648 or at Guy.Childs@waterboards.ca.gov.

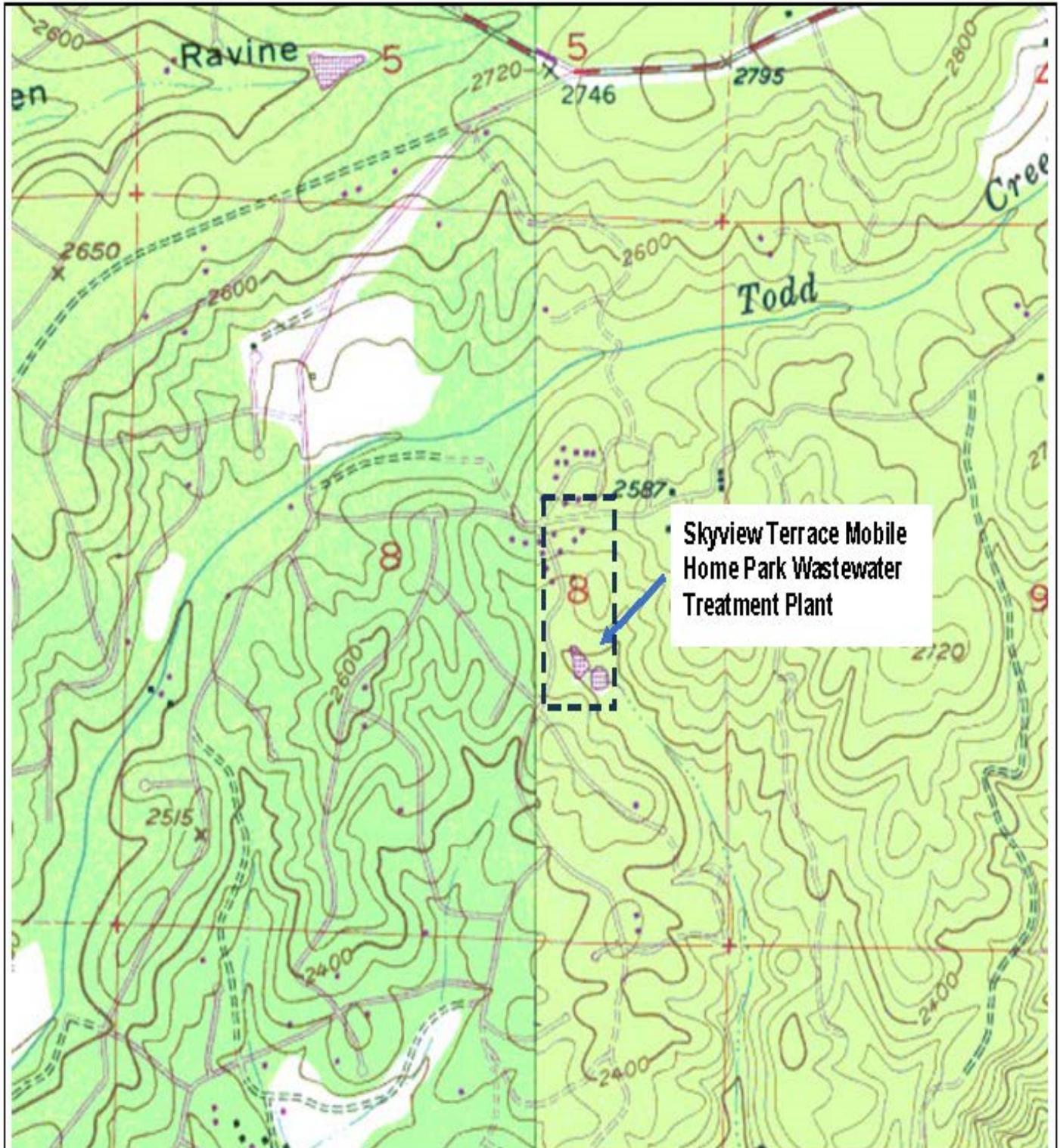
for Patrick Pulupa
Executive Officer

Enclosure: Water Quality Order WQ 2014-0153-DWQ
Monitoring and Reporting Program WQ 2014-0153-DWQ-R5408
Attachment A, Location Map
Attachment B, Site Plan
Attachment C, Process Schematic
Staff Review Memorandum

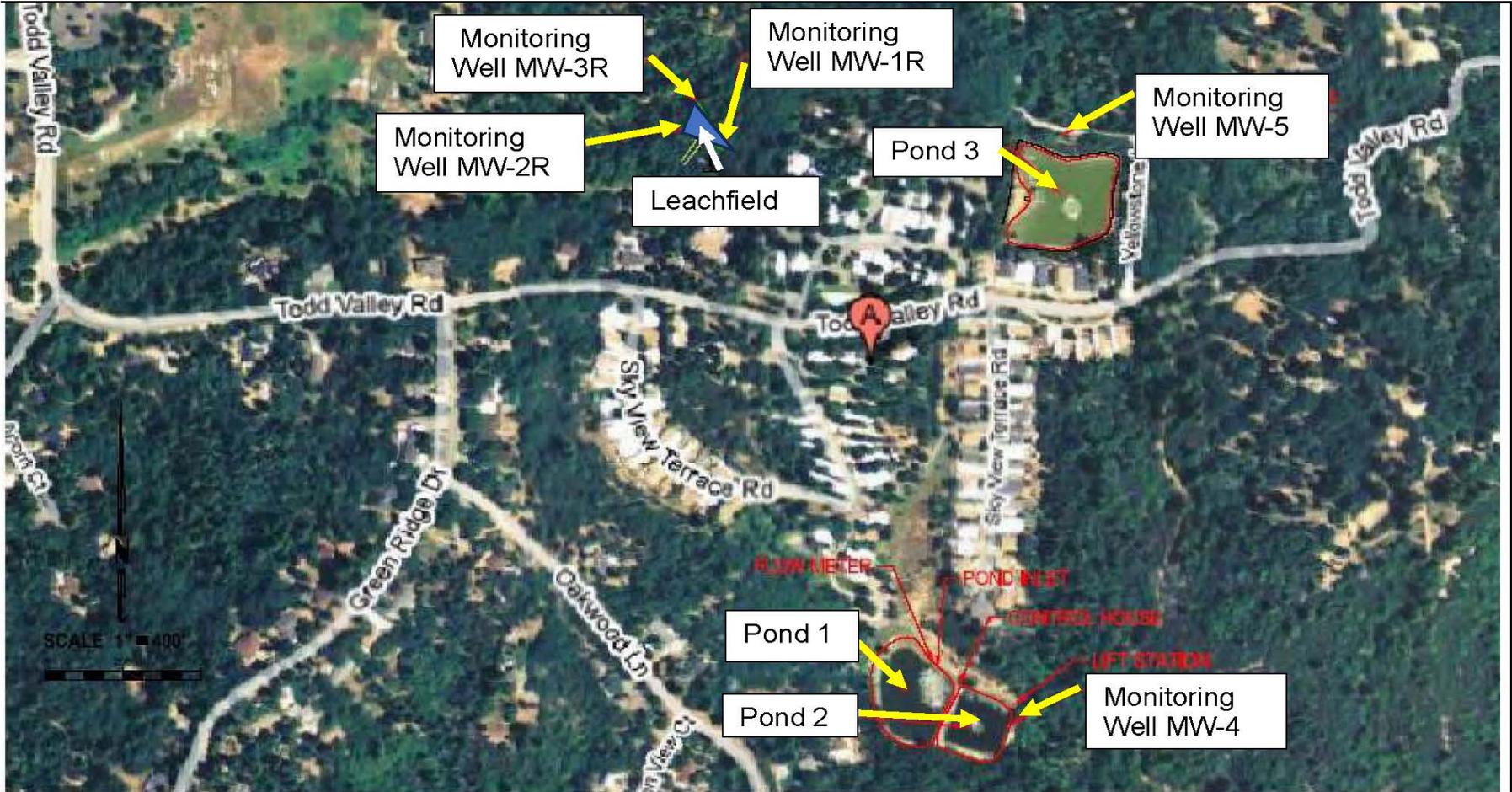
Thomas Pacelli
Skyview Terrace Mobile Home Park

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cc w/out enc: Placer County Environmental Health Department, Auburn
Howard Hold, Central Valley Water Board, Rancho Cordova

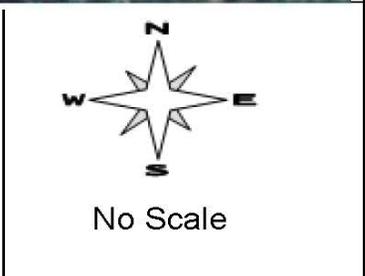


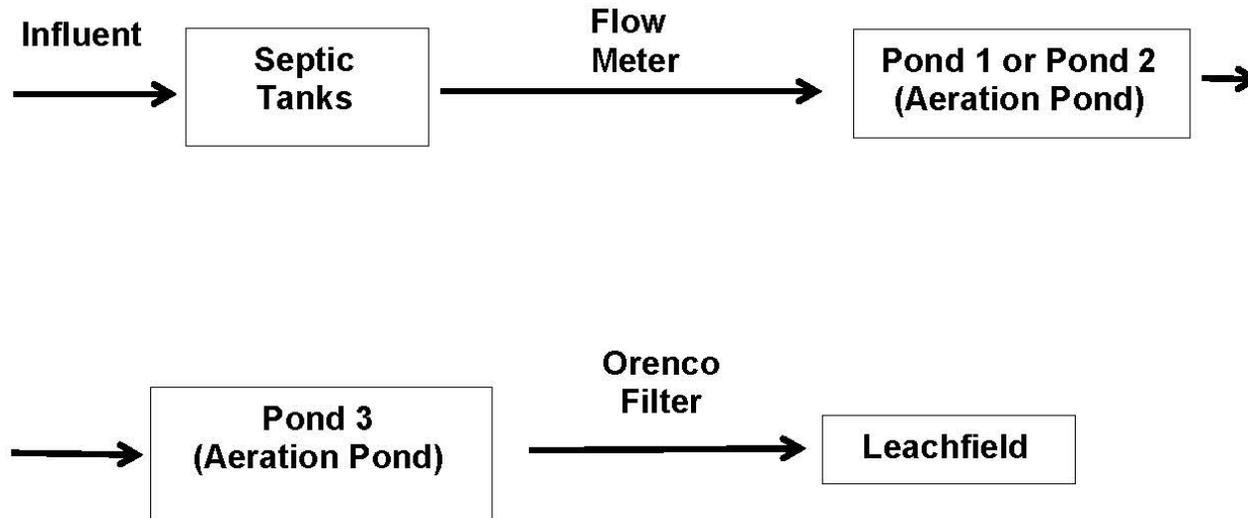
<p>Reference: USGS Georgetown 7.5' Quad</p>	<p>SITE LOCATION MAP SKYVIEW TERRACE MOBILE HOME PARK, LLC SKYVIEW TERRACE MOBILE HOME PARK PLACER COUNTY</p>	<p>No Scale</p>
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Reference:
 Report of Waste Discharge,
 Skyview Terrace Mobile Home Park, LLC,
 14 May 2021

SITE PLAN
SKYVIEW TERRACE MOBILE HOME PARK, LLC
SKYVIEW TERRACE MOBILE HOME PARK
PLACER COUNTY





Reference:

Report of Waste Discharge, Skyview Terrace Mobile Home Park, LLC, 14 May 2021

PROCESS SCHEMATIC

**SKYVIEW TERRACE MOBILE HOME PARK, LLC
SKYVIEW TERRACE MOBILE HOME PARK
PLACER COUNTY**

FROM: Scott Armstrong
Senior Engineering Geologist

DATE: 6 December 2023

APPLICABILITY OF COVERAGE UNDER STATE WATER RESOURCES CONTROL BOARD ORDER WQ 2014-0153-DWQ; GENERAL WASTE DISCHARGE REQUIREMENTS FOR SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS; SKYVIEW TERRACE MOBILE HOME PARK, LLC, SKYVIEW TERRACE MOBILE HOME PARK; PLACER COUNTY

On 25 May 2021, the Skyview Terrace Mobile Home Park, LLC submitted a RWD to obtain coverage under the State Water Resources Control Board General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems, Order WQ 2014-0153-DWQ for Skyview Terrace Mobile Home Park WWTP. This memorandum provides a summary of the applicability of this discharge for coverage under the General Order.

EXISTING FACILITY AND DISCHARGE DESCRIPTION

The WWTP is located at 21200 Todd Valley Road, Foresthill in Place County. Skyview Terrace Mobile Home Park obtains drinking water from Foresthill Public Utility District. Based on the Foresthill Public Utility District's 2022 Consumer Confidence Report, electrical conductivity of drinking water is 73 $\mu\text{mhos/cm}$. The sources of drinking water are from Sugar Pine Reservoir, Mill Creek Spring and two emergency backup supply wells.

The WWTP consists of two septic tanks, three unlined aerated ponds, and a leach field system. Ponds 1, 2 and 3 are unlined ponds and each pond has a surface aerator. Pond 3 is approximately 100 feet higher in elevation than Pond 2. The capacities of Ponds 1, 2 and 3 are 6.38 ac-ft, 2.86 ac-ft and 11.29 ac-ft at two feet of freeboards, respectively.

The following is a summary of the influent flow rates from March 2020 through March 2021. The average dry weather flow (ADWF) in 2020 is 16,200 gpd. The flow rate during the wet season from November 2020 through March 2021 is 21,156 gpd, indicating Inflow and Infiltration occurs during the wet season.

Month	Year	Monthly Average Wastewater Inflow (GPD)
March	2020	18,567
April	2020	18,700
May	2020	16,069
June	2020	15,739
July	2020	16,933
August	2020	16,484
September	2020	15,144
October	2020	15,613
November	2020	19,367
December	2020	19,032
January	2021	20,806

Month	Year	Monthly Average Wastewater Inflow (GPD)
February	2021	24,077
March	2021	22,500

Note: ADWF-an average dry weather flow defined as the total flow for the months of July through September divided by 92 days.

The following table lists some selected constituents for the effluent from Pond 3 (prior discharge to the leach field) based on the recent three monitoring events:

Constituent	BOD (mg/L)	EC (mg/L)	Nitrate as Nitrogen (mg/L)
December 2022	9.5	600	Non-detected
March 2023	9.6	178	2.4
July 2023	45.5	441	Non-detected

The three sets of electrical conductivity (EC) data were 600, 178 and 441µmhos/cm, which are less than the potential Water Quality Objectives (WQOs) of 700 µmhos/cm (agricultural water quality goal) and 900 µmhos/cm (secondary Maximum Contaminant Level (MCL)). The effluent nitrate as nitrogen concentrations are less than the Primary Maximum Contaminant Level (MCL) of 10 mg/L for nitrate as nitrogen.

There are five groundwater monitoring wells (MW1R, MW2R, MW3R, MW4 and MW5) onsite, as shown on Attachment B. The groundwater monitoring wells MW1R, MW2R, and MW3R are the wells surrounding the leachfield and MW4 and MW5 are located near the ponds. Groundwater near leachfield flows to northeast. Based on the Third Quarter 2023 groundwater monitoring report, some selected constituents are listed below.

GROUNDWATER CONDITIONS

Constituents	Unit	Potential Water Quality Objective	Up-gradient Well MW1R	Down-gradient Well MW2R	Down-gradient Well MW3R	Down-gradient Well MW4	Down-gradient Well MW5
Depth to Water (from Top of Casing)	Feet	NA	46.3	20.6	23.8	20.6	5.3
Groundwater Elevation, Water Surface above Mean Sea Level	Feet	NA	2,487	2,485	2,480	2,293	2,416
Electrical Conductivity	µmhos/cm	700/900 (see note No.1)	174	216	227	697	282

Constituents	Unit	Potential Water Quality Objective	Up-gradient Well MW1R	Down-gradient Well MW2R	Down-gradient Well MW3R	Down-gradient Well MW4	Down-gradient Well MW5
Nitrate	mg/L	10 (see note No.2)	Non-detected	0.72	2.01	0.33	Non-detected
Total Coliform	MPN per 100 mL	2.2 (see note No.3)	<1.8	<1.8	<1.8	<1.8	4.0

- 1) Potential Water Quality Objectives for electrical conductivity: 700 µmhos/cm (agricultural water quality goal) and 900 µmhos/cm (recommended secondary Maximum Contaminant Level).
- 2) Primary Maximum Contaminant Level.
- 3) Basin Plan Numeric Water Quality Objective.