



Central Valley Regional Water Quality Control Board

26 April 2019

WDID: 5A04NC00068

Mr. Scott Bates, Managing Member
Tuscan Ridge Associates, LLC
15032 Little Ron Road
Chico, CA 95973

**CERTIFIED MAIL:
7017 3040 0001 0265 2525**

NOTICE OF APPLICABILITY (NOA), WATER QUALITY ORDER NO. 2014-0153-DWQ-R5309, TUSCAN RIDGE BASE CAMP, WASTEWATER TREATMENT FACILITY, BUTTE COUNTY

Tuscan Ridge Associates (TRA), LLC owns and operates a wastewater treatment and disposal system for the Tuscan Ridge Base Camp WWTF (Facility). This project is separate from existing individual Waste Discharge Requirements (WDRs) Order R5-2002-0035 for the same property. Those WDRs were adopted on 1 March 2002 and remain in effect for the former Golf Clubhouse, currently not in use. TRA, is hereafter referred to as the Discharger for both orders.

Based on the information provided in your 31 March 2019 Report of Waste Discharge (ROWD), and communication with the Facility's operator, the facility will treat and dispose of up to 100,000 gallons of wastewater per day, and is therefore eligible for coverage under the general and specific conditions of State Water Resources Control Board (State Water Board) Water Quality Order 2014-0153-DWQ *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems* (General Order). This letter serves as formal notice that the General Order is applicable to your facility and the wastewater discharge described below. You are hereby assigned General Order 2014-0153-DWQ-R5309 for your facility.

A copy of the General Order is enclosed. You can also find the General Order on the State Water Board's website 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 enclosed with this letter, which prescribes mandatory discharge and monitoring requirements. Sampling, monitoring, and reporting requirements that are applicable to your treatment and disposal methods must be completed in accordance with the sections of the General Order and the attached Monitoring and Reporting Program (MRP). This MRP was developed after consideration of your treatment system infrastructure and site conditions described in the attached Technical Memorandum.

REGULATORY BACKGROUND

This is a new project and the Discharger's wastewater treatment and disposal system will be regulated under State Board Water Board General Order 2014-0153-DWQ *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems*.

FACILITY AND DESCRIPTION

The Facility is located in Section 1, T21N, R2E, MDB&M with surface water drainage to Crouch Ravine and Nance Canyon tributaries to Butte Creek, which are water of the U.S., as shown on Attachment A. TRA has been established as the entity responsible for the operation and maintenance of the wastewater treatment system for the Tuscan Ridge Base Camp Project. The community system consists of gravity flow lines, oil & grease separators, four central septic tanks, four Advanced Enviro-Septic (AES) treatment cells, four UV disinfection tanks, four effluent collection tanks, and two lined evaporative ponds. The wastewater treatment system is designed as a zero discharge system. Based upon design and water balance calculations the system has sufficient treatment and storage capacity to treat wastewater generated at the Facility for the proposed 9-12 month operational period.

This is not an existing facility; however, enrollment under the General Order has been determined to be statutorily exempt from the California Environmental Quality Act (CEQA) pursuant to Public Resources Code Sec. 21080(b)(3) and CEQA Guidelines Section 15269(a). A Notice of Exemption has been submitted by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) to the State Office of Planning and Research.

FACILITY SPECIFIC REQUIREMENTS

The Discharger will maintain exclusive control over the discharge and shall comply with the terms and conditions of this NOA and the General Order 2014-0153-DWQ-R5309, with all attachments.

The General Order states in Section B.1.L that the discharger shall comply with the setbacks as described in Table 3. The following applicable setback requirements from Table 3, for which the Discharger shall comply, are summarized below:

Table 3: Summary of Wastewater System Setbacks

Site Specific Applicable Setback Requirements					
Equipment or Activity	Domestic Well	Flowing Stream ^a	Ephemeral Stream Drainage ^b	Property Line	Lake or Reservoir ^d
Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System ^z	150 ft. ^y	50 ft. ^c	50 ft.	5 ft. ^{c, z}	200 ft. ^w
Impoundment (disinfected sec-2.2 or sec-23 recycled water) ^h	100 ft. ^r	100 ft.	150 ft.	50 ft.	200 ft.

N/A denotes Not Applicable, as the defined feature is not found within the general area of the facility. LAA denotes land Application Area.

- ^a A flowing stream shall be measured from the ordinary high-water mark established by fluctuations of water elevation and indicated by characteristics such as shelving, changes in soil character, vegetation type, presence of litter or debris, or other appropriate means.
- ^b Ephemeral Stream Drainage denotes a surface water drainage feature that flows only after rain or snow-melt and does not have sufficient groundwater seepage (baseflow) to maintain a condition of flowing surface water. The drainage shall be measured from a line that defines the limit of the ordinary high-water mark (described in "a" above). Irrigation canals are not considered ephemeral streams drainage features. The ephemeral stream shall be a "losing stream" (discharging surface water to groundwater) at the proposed wastewater system site.
- ^c Setback established by California Plumbing Code, Table K-1.
- ^d Lake or reservoir boundary measured from the high-water line.
- ^e Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System addresses equipment located below ground or that impedes leak detection by routine visual inspection.
- ^h Disinfected secondary-2.2 recycled water is defined in California Code of Regulations, title 22, section 60301.220. Disinfected secondary-23 recycled water is defined in California Code of Regulations, title 22, section 60301.225.
- ^w Setback established by the Onsite Wastewater Treatment System Policy, section 7.5.5.
- ^z Collection system to property line setback is not applicable.

Failure to comply with the requirements in the documents could result in an enforcement action as authorized by provisions of the California Water Code. Discharge of wastes other than those described in this NOA is prohibited. If the method of waste disposal changes from that described in this NOA, you must submit a new Report of Waste Discharge describing the new operation. This NOA will remain in effect for the proposed 9-12 month period for the base camp operation. However, if requested, an extension may be granted by written approval of the Executive Officer, should base camp operations be required for a longer duration than originally proposed, to complete Camp Fire clean up actions.

The required annual fee specified in the annual billing from the State Water Board shall be paid until this NOA is officially terminated. You must notify this office in writing if the discharge regulated by the General Order ceases, so that we may terminate coverage and avoid unnecessary billing.

The Central Valley Water Board has gone to a Paperless Office System. All regulatory documents, MRPs, submissions, materials, data, monitoring reports, and correspondence should be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to:

centralvalleyredding@waterboards.ca.gov.

Documents that are 50MB or larger should be transferred to a disc and mailed to the appropriate regional water board office, in this case
364 Knollcrest Drive, Suite 205, Redding, CA 96002.

To ensure that your submittals are routed to the appropriate staff, the following information block should be included in any email used to transmit documents to this office:

Program: Non-15

WDID: 5A04NC00068

Facility Name: Tuscan Ridge Base Camp

Order: 2014-0153-DWQ-R5309

Coverage for your facility under this General Order shall become applicable subject to this Notice of Applicability.

If you have any questions regarding submitting an updated report of waste discharge, making changes to your permitted operations, compliance or enforcement please contact Ron S. Falkowski at (530) 224-3227, rsfalkowski@waterboards.ca.gov, or by mail at the footer address on the opening page of this NOA.

Original signed by Bryan Smith

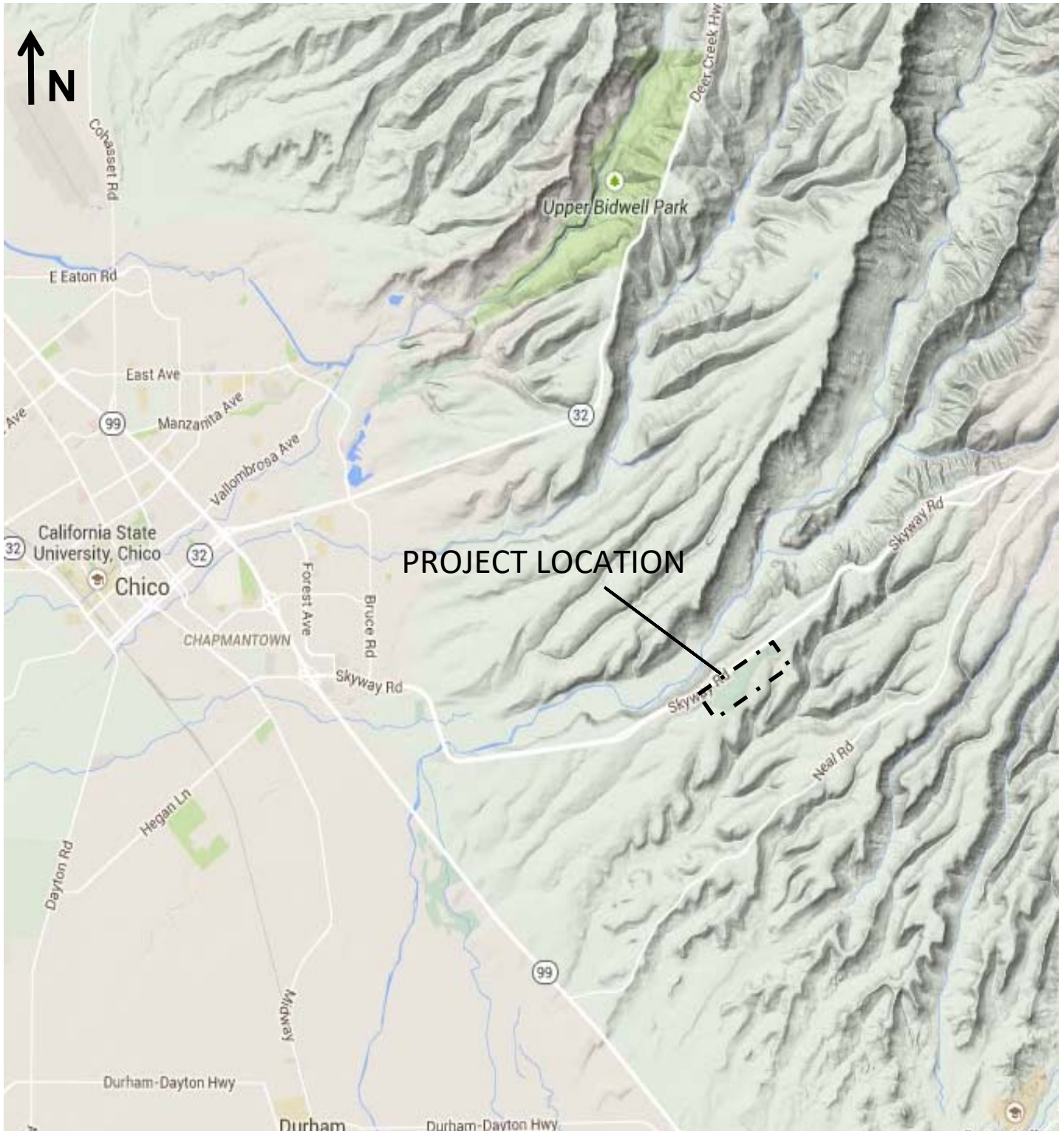
(for) Patrick Pulupa,
Executive Officer

RSF: ck

Attachments: Attachment A – Site Location Map
Attachment B – Facility Map
Technical Memorandum
Monitoring and Reporting Program
Water Quality Order 2014-0153-DWQ (Discharger Only)

cc (w/o enc.): Tim O'Brien, State Water Board, Sacramento
Doug Danz, Butte County Environmental Health Department, Oroville

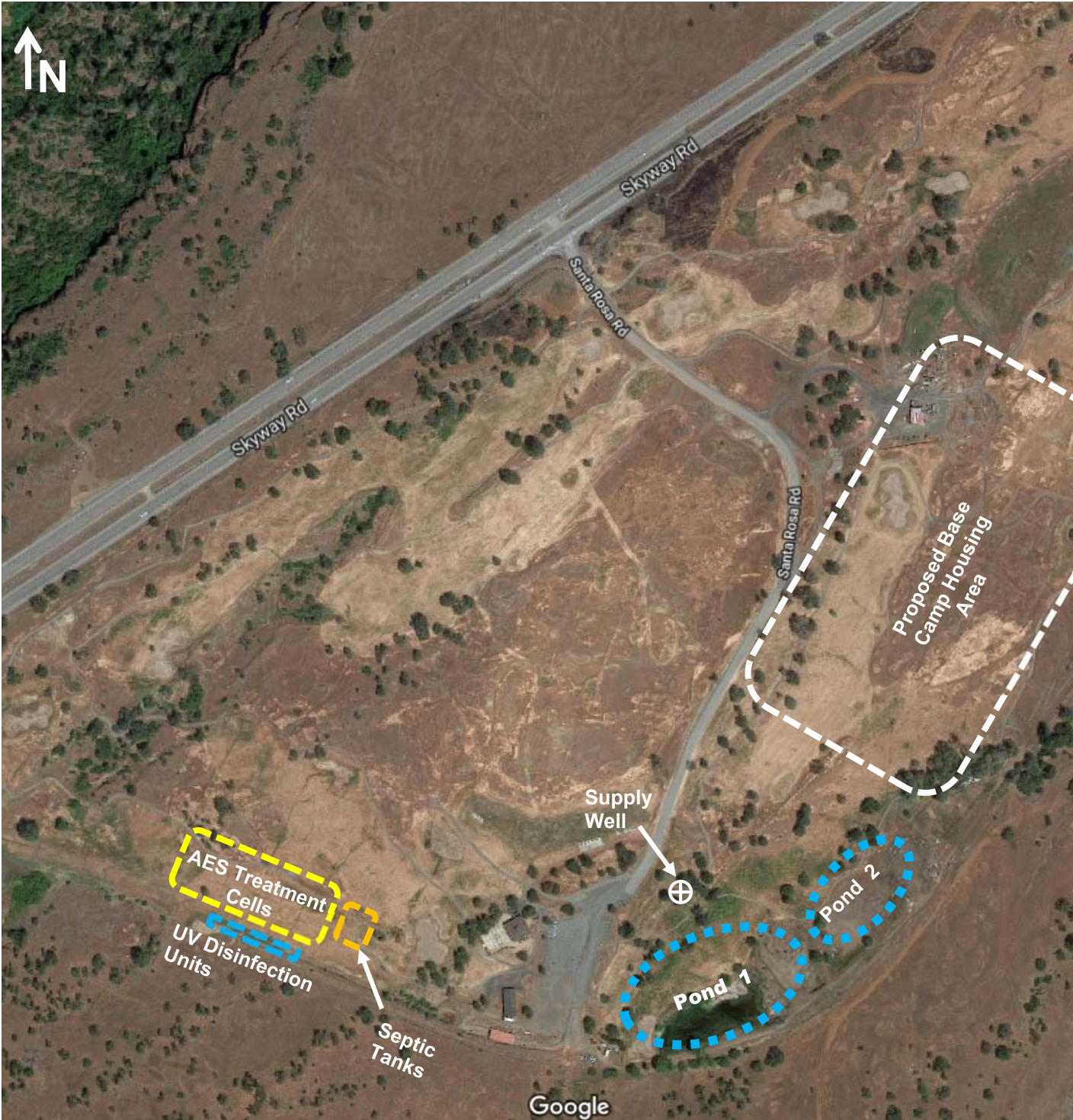
ATTACHMENT A - LOCATION MAP



<p>DRAWING REFERENCE: GOOGLE EARTH MAP DATA: © 2018 GOOGLE NO SCALE</p>	<p>LOCATION MAP TUSCAN RIDGE BASE CAMP WASTEWATER TREATMENT FACILITY BUTTE COUNTY</p>
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ORDER R5-2014-0153-R5309
TUSCAN RIDGE BASE CAMP
WASTEWATER TREATMENT FACILITY
BUTTE COUNTY

ATTACHMENT B – FACILITY MAP



DRAWING REFERENCE:
GOOGLE EARTH
MAP DATA: © 2018 GOOGLE
NO SCALE

FACILITY MAP
TUSCAN RIDGE BASE CAMP
WASTEWATER TREATMENT FACILITY
BUTTE COUNTY

Central Valley Regional Water Quality Control Board

TECHNICAL MEMORANDUM

TO: George Low, PG
Senior Engineering Geologist

FROM: Ron Falkowski
Engineering Geologist

DATE: 26 April 2019

SIGNATURE: Original signed by Ron Falkowski

**SUBJECT: REVIEW OF NITRATE AND SETBACK CONDITIONS FOR TUSCAN RIDGE
BASE CAMP WWTF, GENERAL ORDER 2014-0153-DWQ-R5309
ENROLLMENT, BUTTE COUNTY**

I have reviewed the 31 March 2019 ROWD for Tuscan Ridge Base Camp Project. The document provides general construction and operational details for the proposed Advanced Enviro-Septic wastewater treatment system and land disposal area (Lined Ponds). The Discharger has submitted adequate documentation for the installation of treatment and collection infrastructure. The wastewater treatment facility (WWTF) will serve a temporary workers Base Camp set up to assist with demolition and cleanup activities associated with the Paradise Camp Fire. The Base Camp will consist of modular housing, office trailers, commissary kitchens, restaurants and parking areas.

The base camp system consists of gravity flow lines, oil & grease separators, four central septic tanks, four Advanced Enviro-Septic (AES) treatment cells, four UV disinfection tanks, four effluent collection tanks, and two lined evaporative ponds. The average daily design wastewater flow is less than 100,000 gallons per day. Do to the unique geological setting and lack of proper soil profile no direct disposal will occur at the site.

To ensure that no discharges of wastewater occurs at the Facility AES treatment cells and the evaporative ponds will have leak collection/detection systems. The leak collection/detections systems will be constructed below the liners of the AES treatment cells and evaporative ponds. Any leakage through the line will be collected in subsurface drains and routed to leachate collection vaults. These vaults will be monitored daily for the presence of any free liquids.

The ROWD for the facility also included a Spill Prevention and Emergency Response Plan (SPERP). The SPERP contained contingencies for responding to a number of potential emergencies associated with the WWTF which included but not limited to; power failures, mechanical failures, operational failures, sanitary sewer overflows, and pond capacity exceedances.

Potential Threats to Water Quality

The wastewater treatment system is located off Skyway Road, seven miles east-southeast of Chico, CA. The closest distance from the Land Application Area (LAA) to the nearest property line is greater than 50 feet. The closest potable water well is greater than 200 feet. The closest surface water is greater than 500 feet from LAA. Completion of the Nitrate Checklist in Attachment 1 of Order 2014-0153-DWQ indicates the following flow and rationale:

A1 Exceed 20,000 gpd? YES.

Wastewater flow up to 100,000 gpd. However, no land or subsurface discharge is proposed at the facility as effluent will be contained in lined evaporative ponds.

Conclusion: No nitrogen removal is required. However, for evaluation of the system's performance, nitrate testing will be required.

Monitoring Requirements

To protect water quality, General Order monitoring requirements with slight modifications will be sufficient. In summary, Central Valley Water Board staff recommends monthly reporting of the average daily flow rate; daily leachate collection monitoring, daily pond level monitoring and monthly inspections of the septic tanks. As no discharge to groundwater is proposed, groundwater monitoring will not be necessary. Quarterly monitoring reports will be submitted by the first day of the second month after the monitoring period ends (e.g. January-March report is due by May 1st).

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION**

MONITORING AND REPORTING PROGRAM 2014-0153-DWQ-R5309

FOR

**TUSCAN RIDGE ASSOCIATES, LLC
TUSCAN RIDGE BASE CAMP
WASTEWATER TREATMENT AND EVAPORATIVE POND FACILITY
BUTTE COUNTY**

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater treatment system. This MRP is issued pursuant to Water Code section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Regional Water Quality Control Board (Regional Water Board) Executive Officer.

The State Water Resources Control Board (State Water Board) and Regional Water Boards are transitioning to the paperless office system. In some regions, Dischargers will be directed to submit reports (both technical and monitoring reports) to the State Water Board's Electronic Content Management (ECM) database via email in portable document format (pdf). The email address for the ECM submittal is:

centralvalleyredding@waterboards.ca.gov

Water Code section 13267 states, in part:

"In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports."

Water Code section 13268 states, in part:

"(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of section 13399.2, or falsifying any information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).

(b)(1) Civil liability may be administratively imposed by a regional board in accordance with article 2.5 (commencing with section 13323) of chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs."

The Discharger owns and operates the wastewater system that is subject to the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ. The reports are necessary to ensure that the

Discharger complies with the NOA and General Order. Pursuant to Water Code section 13267, the Discharger shall implement this MRP and shall submit the monitoring reports described herein.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The name of the sampler, sample type (grab or composite), time, date, location, bottle type, and any preservative used for each sample shall be recorded on the sample chain of custody form. The chain of custody form must also contain all custody information including date, time, and to whom samples were relinquished. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Regional Water Board staff.

Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that they are used by a State Water Board California Environmental Laboratory Accreditation Program certified laboratory, or:

1. The user is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are maintained and available for at least three years.

SEPTIC TANK MONITORING

Monitoring of septic tank shall include the following and be taken at a location prior to entering the treatment system:

<u>Parameter</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Flow Rate	gpd	Metered	Continuous	Monthly
Nitrate as N	mg/L	Grab	Monthly	Quarterly
BOD	mg/L	Grab	Monthly	Quarterly
TDS	mg/L	Grab	Monthly	Quarterly
TSS	mg/L	Grab	Monthly	Quarterly

gpd denotes gallons per day.

Septic tanks shall be inspected and/or pumped at least as frequently as described below. Inspections of sludge and scum depth are not required if the tanks are pumped at least annually.

<u>Parameter</u>	<u>Units</u>	<u>Measurement Type</u>	<u>Inspection/Reporting Frequency</u>
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

<u>Parameter</u>	<u>Units</u>	<u>Measurement Type</u>	<u>Inspection/Reporting Frequency</u>
Effluent filter condition (if equipped, clean as needed)	NA	NA	Quarterly

NA denotes not applicable.

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

1. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment.
2. The scum layer is within 3 inches of the outlet device.
3. 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.

SUBSURFACE DISPOSAL AREA

Subsurface disposal areas may be configured different ways (e.g. traditional leach field, pressure-dosed, drip system, mound/at grade, gravel less, etc.). The Advanced Enviro-Septic wastewater treatment cells are a type of subsurface disposal system. In general, monitoring shall be sufficient 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, at a minimum, the following:

<u>Constituent</u>	<u>Inspection Frequency</u>	<u>Reporting Frequency</u>
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
Seepage Pit Condition ^e	Quarterly	Quarterly

- ^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. If a mound system is used, inspect perimeter base for signs of wastewater seepage or saturated soil 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. Seepage pits shall be inspected to ensure they are allowing wastewater to infiltrate as designed. Visual inspection of the water level in the seepage pit is adequate.

DISINFECTION SYSTEM MONITORING

UV disinfection is proposed. Samples shall be collected from immediately downstream of the disinfection system. Disinfection monitoring shall be monitored as specified below:

Constituent	Units	Sample Type	Sample Frequency	Reporting Frequency
Total Coliform Organisms	MPN/100 mL	Grab	Monthly	Quarterly
Turbidity	NTU	Grab/Meter	Monthly	Quarterly

MPN/100 mL denotes most probable number per 100 mL sample. NTU denotes nephelometric turbidity unit.

POND SYSTEM MONITORING

Influent Monitoring

Influent samples shall be taken from a location that provides representative samples of the wastewater and flow rate prior to entering the ponds. At a minimum, influent monitoring shall consist of the following:

<u>Parameter</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Flow Rate	gpd	Metered ^a	Continuous	Quarterly
Nitrate as N	mg/L	Grab	Monthly	Quarterly
BOD	mg/L	Grab	Monthly	Quarterly
TDS	mg/L	Grab	Monthly	Quarterly
TSS	mg/L	Grab	Monthly	Quarterly

gpd denotes gallons per day. mg/L denotes milligrams per liter.

- ^a. At a minimum, the total flow shall be measured monthly to calculate the average daily flow for the month. If wastewater is stored and applied to land, flow rate measurement may also be needed on the effluent flow.

Wastewater Pond Monitoring

All wastewater and treated wastewater storage ponds shall be monitored as specified below:

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sample Frequency</u>	<u>Reporting Frequency</u>
Dissolved Oxygen	mg/L	Grab	Monthly	Quarterly
Nitrate as N	mg/L	Grab	Monthly	Quarterly
BOD	mg/L	Grab	Monthly	Quarterly
TDS	mg/L	Grab	Monthly	Quarterly
TSS	mg/L	Grab	Monthly	Quarterly
Freeboard	0.1 feet	Measurement	Monthly	Quarterly
Odors	--	Observation	Monthly	Quarterly
Berm condition	--	Observation	Monthly	Quarterly

mg/L denotes milligrams per liter.

LEAK DETECTION SYSTEM MONITORING

The leak detection system sumps for both the ponds and the Advanced Enviro-Septic treatment system shall be **visually inspected daily**. Observations will be recorded in a log book kept at the site. Log book entries shall include but not be limited to liquid presence, measured volume/ observed level, odor, color, date, time and the inspectors' initials.

Central Valley Water Board staff shall be notified by phone upon first occurrence of any accumulated liquids. If any liquids are removed or hauled away for disposal the volume of and location of disposal will be recorded.

In addition to visual observation, samples shall be taken to determine whether observed liquids are wastewater or groundwater as indicated in the table below:

<u>Parameter</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sampling Frequency</u> ^a	<u>Reporting Frequency</u>
EC	mg/L	Grab	If observed	Quarterly
TDS	mg/L	Grab	If observed	Quarterly
Total Coliform	MPN/100 mL	Grab	If observed	Quarterly
Fecal Coliform	MPN/100 mL	Grab	If observed	Quarterly

mg/L denotes milligrams per liter.

- a. A sample is required upon first observation of liquids in the collection trench, sampling frequency will be monthly thereafter if liquids remain in the collection system.

SOLIDS DISPOSAL MONITORING

The Discharger shall report the handling and disposal of all solids (e.g., screenings, grit, sludge, biosolids, etc.) generated at the wastewater system. Records shall include the name/contact information for the hauling company, the type and amount of waste transported, the date removed from the wastewater system, the disposal facility name and address, and copies of analytical data required by the entity accepting the waste. These records shall be submitted as part of the annual monitoring report.

REPORTING

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, solids, etc.), and reported analytical or visual inspection results are readily discernible. The data shall be summarized to clearly illustrate compliance with the General Order and NOA as applicable. The results of any monitoring done more frequently than required at the locations specified in the MRP shall be reported in the next regularly scheduled monitoring report and shall be included in calculations as appropriate.

During the life of this General Order, the State Water Board or Regional Water Board may require the Discharger to electronically submit monitoring reports using the State Water Board's California Integrated Water Quality System (CIWQS) program Internet web site or alternative database. Electronic submittal procedures will be provided when directed to begin electronic submittals. Until directed to electronically submit monitoring reports, the Discharger shall submit hard copy monitoring reports.

A. Quarterly Monitoring Reports

Quarterly reports shall be submitted to the Regional Water Board on the **first day of the second month after the quarter ends** (e.g. the January-March Quarterly Report is due by May 1st). The reports shall bear the certification and signature of the Discharger's authorized representative. At a minimum, the quarterly reports shall include:

1. Results of all required monitoring.
2. A comparison of monitoring data to the discharge specifications, applicable effluent limits disclosure of any violations of the NOA and/or General Order, and an explanation of any violation of those requirements. (Data shall be presented in tabular format.)
3. If requested by staff, copies of laboratory analytical report(s) and chain of custody form(s).

Annual Report

An Annual Report/Summary Report shall be submitted to the Regional Water Board within 90 days **following the monitoring year or end of system operations**. The Report shall include the following:

1. Tabular and graphical summaries of all monitoring data collected during the year.
2. An evaluation of the performance of the wastewater treatment facility, including discussion of capacity issues, nuisance conditions, system problems, and a forecast of the flows anticipated in the next year. A flow rate evaluation as described in the General Order (Provision E.2.c) shall also be submitted.
3. A discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into compliance with the NOA and/or General Order.
4. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.
5. The name and contact information for the wastewater operator responsible for operation, maintenance, and system monitoring.
6. The name and contact information for the wastewater operator responsible for operation, maintenance, and system monitoring.
7. A groundwater monitoring report prepared by a California licensed professional. This report may be prepared separately from the rest of the Annual Report. The report shall contain an analysis of groundwater data collected during the year. The analysis shall include a description of the sample events, copies of the field logs, purge method and volume, groundwater elevation and trend, a groundwater elevation map for each sample event, summary tables showing results for parameters measured, comparison of groundwater quality parameters to standards in the NOA, chain-of-custody forms, calibration logs for field equipment used, and a general evaluation of any impacts the wastewater discharge is having on groundwater quality.

A letter transmitting the monitoring reports shall accompany each report. The letter shall report violations found during the reporting period, and actions taken or planned to correct the violations and prevent future violations. The transmittal letter shall contain the following penalty of perjury statement and shall be signed by the Discharger or the Discharger's authorized agent:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

The Discharger shall implement the above monitoring program as of the date of this MRP.

Ordered by:

Original signed by Bryan Smith (for)

PATRICK PULUPA, Executive Officer

26 April 2019

(Date)