RS GREENERY LLC
PROPERTY MANAGEMENT PLAN

Project Location
6233 Eickhoff Road
Lakeport, CA 95453

Project Parcel
Lake County APNs 003-046-02

Project Property
Lake County APN 003-046-02 & 78

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PROJECT DESCRIPTION

RS Greenery, LLC (RSG) is seeking a Major Use Permit from the County of Lake for a proposed Outdoor Commercial Cannabis Cultivation Operation at 6243 Eickhoff Road near Lakeport, CA on Lake County APNs 003-046-02 (Project Parcel). RSG's proposed cultivation operation will be composed of two (2) A-Type 3 Medium Outdoor cultivation/canopy areas, with a total combined cultivation/canopy area of 84,848 ft^2. Additionally, RSG is applying for an Early Activation of Use Permit for the proposed 84,848 ft^2 cultivation/canopy area. The total cultivation area of the proposed cannabis cultivation operation (as defined in Chapter 21, Article 27 of the Lake County Code), including the combined cultivation/canopy areas, two 160 ft^2 metal shipping/storage containers (proposed Harvest Storage Areas), and two 120 ft^2 wooden sheds (proposed Pesticide & Agricultural Chemicals Storage Area and Security Center) is 85,408 ft^2. The Project Parcel has been enrolled for coverage under the State Water Resources Control Board's Cannabis General Order (WQ-2019-0001-DWQ) since October 30th, 2020.

The Project Property is composed of two parcels totaling approximately 80 acres (Lake County APNs 003-046-02 & 78), both of which are owned by the KMHR Trust. The Trustee of the KMHR Trust has given RSG permission to establish the proposed cultivation operation and conduct the proposed cannabis cultivation activities, once the appropriate permits and licenses have been obtained. The Project Parcel is located approximately two miles west of the City of Lakeport, on the southern slopes of Poe Mountain, and is accessed via a shared private gravel and native soil surfaced access road off of Eickhoff Road. Metal gates control access to the private gravel and native soil surfaced access road and the Project Property from Eickhoff Road.

The Project Property has been improved with a groundwater well, two heavy-duty plastic water storage tanks, and two 20-foot metal shipping/storage containers. An unnamed intermittent Class II watercourse (NHD/DFG Water ID 116954856), flows from north to south through the Project Property. Five ephemeral Class III watercourses form on the Project Parcel and flow into the unnamed intermittent watercourse. The existing onsite groundwater well located at Latitude: 39.11728° and Longitude: -122.94968° will serve as the sole water source for the proposed cultivation operation.

The cultivation season for RSG's proposed outdoor cultivation operation will begin on April 15th and end on November 15th of each year. The proposed outdoor cultivation areas will be enclosed with 6-foot tall galvanized woven wire fences, covered with privacy screen/mesh where necessary to screen the cultivation/canopy areas from public view. Locking metal gates will control access to the proposed cultivation/canopy areas, and the metal gates will be locked whenever RSG's cultivation personnel are not present. The growing medium of the proposed outdoor cultivation/canopy areas will be an imported organic soilless growing medium (composed mostly of composted forest material) in aboveground fabric pots. RSG will use drip and micro-spray irrigation systems to deliver irrigation water to the aboveground fabric pots, and to conserve water resources. All cannabis waste generated from the proposed cultivation operation will be chipped and composted onsite. Composted cannabis waste will be stored in the

designated composting area, until it is incorporated into the soilless growing medium of the cultivation areas, as an organic soil amendment. All agricultural chemicals (fertilizers, amendments, pesticides, and petroleum products) will be stored within the proposed Pesticide & Agricultural Chemicals Storage Area (wooden shed).

Biological Assessment

A Biological Resources Assessment was prepared by Natural Investigations Co. and completed on February 14, 2020, for the proposed cultivation operation (the Biological Assessment has been included in this Use Permit Application package). The Biological Resources Assessment provides a detailed description of the habitats found on the Project Property, as well as information on special-status plant and animal species that might inhabit the Project Property. The Biological Resources Assessment also provides Impact Analysis and recommended Mitigation Measures that RSG will implement to prevent/reduce impacts to special-status species and their habitats. An initial Botanical Survey was performed by Natural Investigations Co. of the Project Property on March 12th, 2021. An additional Botanical Survey will be performed of the Project Property in May of 2021. Results of the Botanical Surveys will be summarized in a letter report that should be available before the end of May 2021.

Cultural Resource Evaluation

In February of 2020, a Cultural Resources Assessment was completed for the area of the proposed cultivation operation by Registered Professional Archaeologist Tim Spillane (the Cultural Resources Assessment has been included in this Use Permit Application package). The purpose of the investigation was to locate, describe, and evaluate any archaeological or historical resources that may be present in the area. Additionally, the Archaeologist was to assess the impact that might occur as a result of ground disturbing activities associated with cannabis production. No historic or prehistoric cultural materials were observed during the field inspection. As no "significant" historic resources were discovered within the project area, it is recommended that the proposed project be approved as planned.

If any cultural, historical, archaeological, or paleontological resources are discovered, RSG will halt all activity in the vicinity of the “find” and will immediately notify a qualified archaeologist. If necessary, mitigation measures/procedures will be implemented as prescribed by a qualified archaeologist. Should any human remains be encountered, they will be treated in accordance with Public Resources Code Section 5097.98.

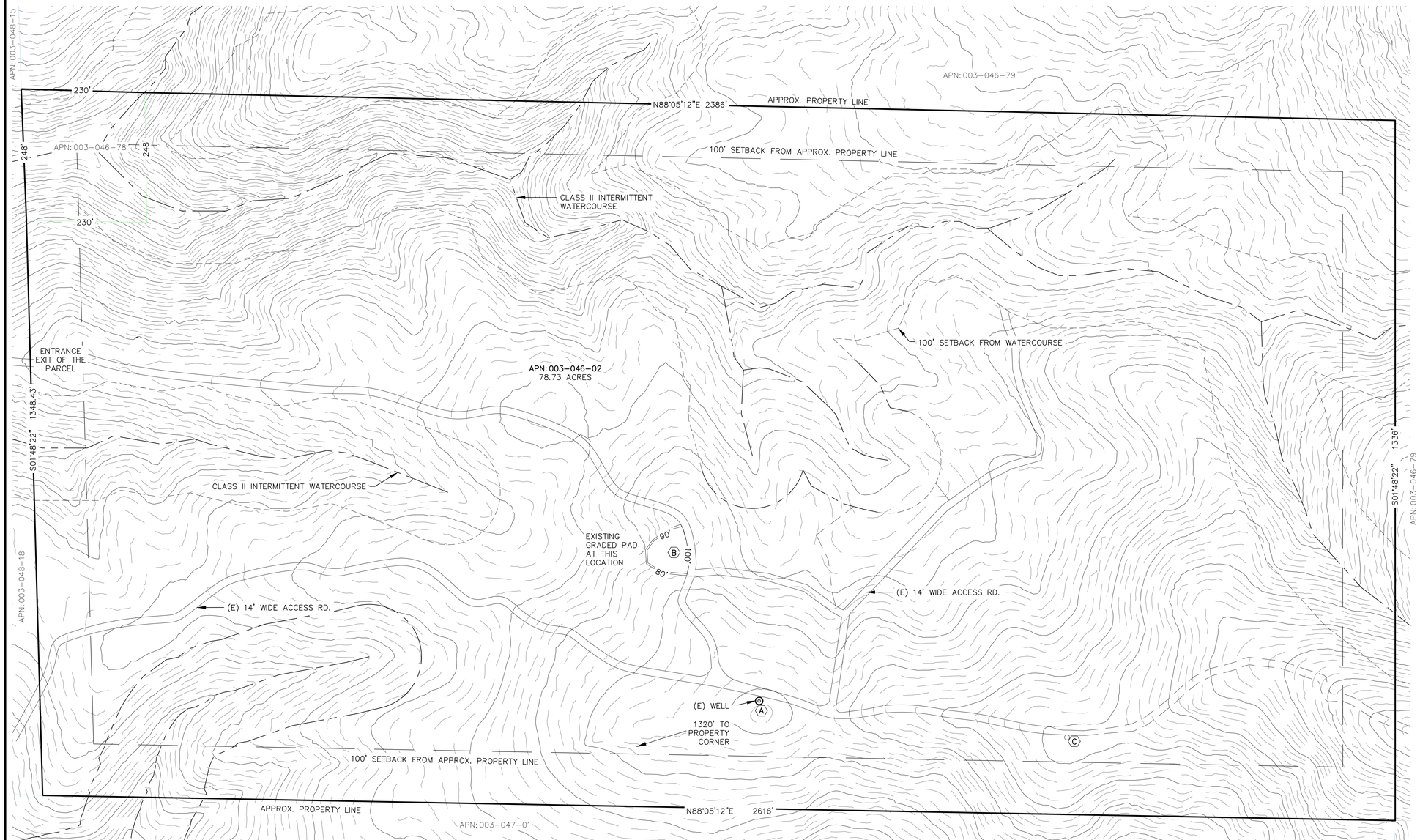
Self-Distribution and Track-and-Trace

RS Greenery, LLC (RSG) is seeking to obtain a Type 13 Cannabis Distributor Transport Only, Self-Distribution license, so that they may transport cannabis from their cultivation operation to licensed cannabis processing, distribution, and manufacturing facilities throughout the State of California. RSG will utilize an unmarked, registered, and insured enclosed trailer to transport cannabis from their cultivation operation. The distribution trailer will only travel from the Project Property to the premises of licensed cannabis processing, manufacturing, and distribution facilities, and back to the Project Property. The trailer will be locked and secured whenever it is not being loaded or unloaded, and it will never be left unattended while transporting cannabis.

RSG will adhere to the inventory tracking and recording requirements of the California Cannabis Track-and-Trace (CCTT) system, to record and report all cannabis transfers and movements. All staff will be trained in the requirements of the CCTT system, and a member of RSG's managerial staff will be the designated track-and-trace system administrator. The designated track-and-trace system administrator will complete an initial training provided by the California Department of Food and Agriculture and will participate in ongoing training as required. All cannabis transfers/movement will be reported through the CCTT system, and a track-and-trace system administrator will supervise all tasks with high potential for diversion/theft.

Planting Timeline Schedule

The proposed cultivation methods are all above ground in full sun. If RSG is able to obtain an Early Activation of Use Permit for the 84,848 ft^2 of outdoor cultivation/canopy area planned under Phase I prior to June 1st, 2021: then they will begin preparing for planting on June 15th, 2021 (after the appropriate State Cultivation Licenses have been obtained).



KELLY HUNTER
6243 EICKHOFF RD.
LAKEPORT, CA 95453
APN:003-046-02

LEGEND:

1530	CONTOUR ELEVATION
	FENCE
	ASPHALT
	GRAVEL
	EARTH
	WATERCOURSE / SWALE
	EXISTING POWER POLE
	TREES
	PONDED SPRING
APN	ASSESSOR'S PARCEL NUMBER
APPROX	APPROXIMATELY
DWY	DRIVEWAY
(E)	EXISTING
(P)	PROPOSED
RD	ROAD
SF	SQUARE FEET
OH	OVER HEAD POWER LINES

NOTES:
1. CONTOUR INTERVAL IS 5'

(E) GROUNDWATER WELL
LAT: 39.1728
(A) LONG: -122.94968
BENEFICIAL USES: IRRIGATION & FIRE PROTECTION

(B) EXISTING FLATTENED OUT AREA

(C) (E) 5,000 SF WATER TANK

EXISTING CONDITIONS SITE PLAN

GRAPHIC SCALE

100 0 50 100
(IN FEET)
1 inch = 100 ft.

Revisions:

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE c
REDDING, CA. 96001
530-526-7493

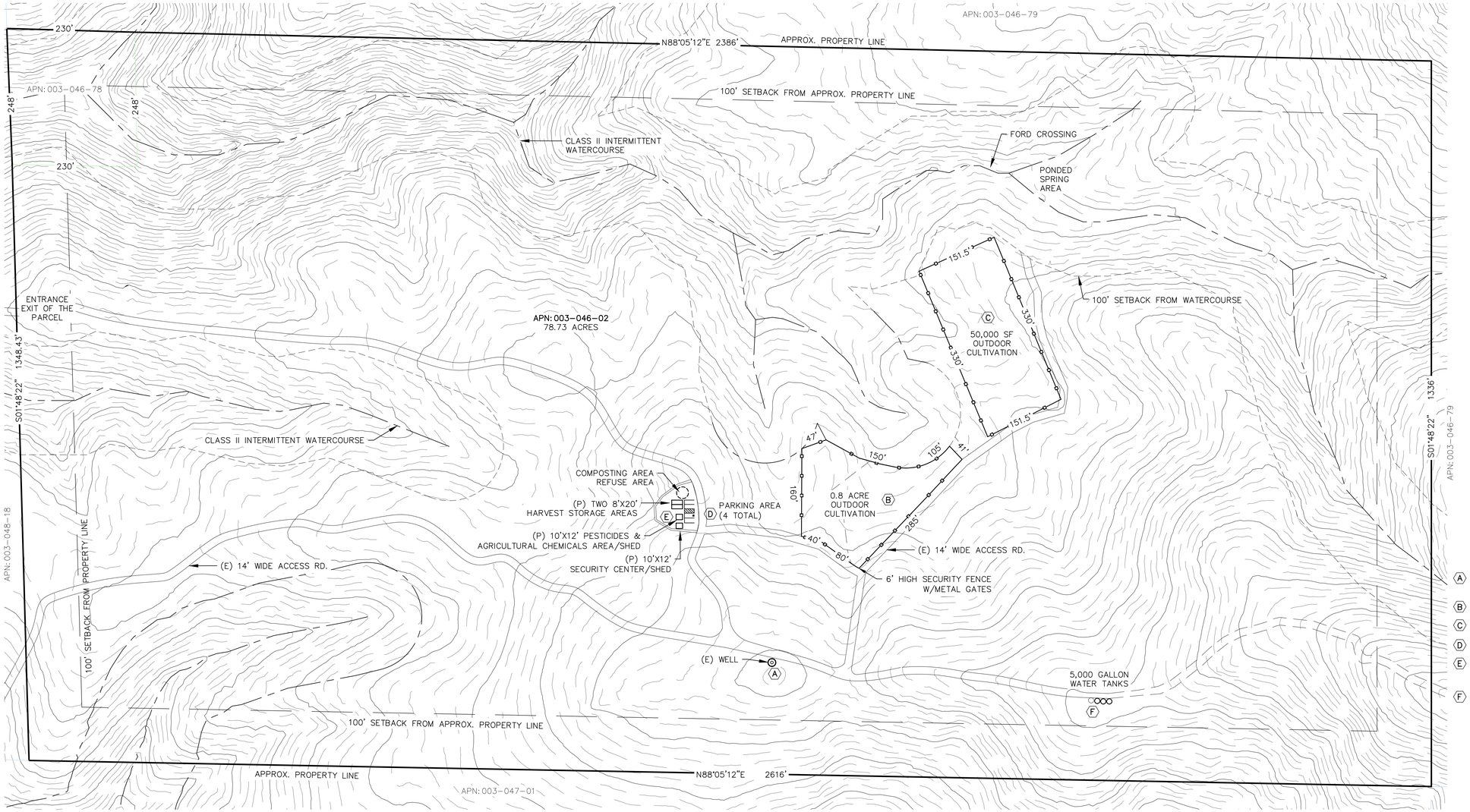
PLANS PREPARED UNDER THE SUPERVISION OF:

REGISTERED PROFESSIONAL ENGINEER
JASON B. VINE
No. 67800
EXP. 06/30/21
CIVIL
STATE OF CALIFORNIA

EXISTING CONDITIONS SITE PLAN
LAKE COUNTY - KELLY HUNTER

RS GREENERY, LLC.
6243 EICKHOFF ROAD
LAKEPORT, CA 95453
LAKE COUNTY APN#003-046-02

PLOTTED BY: ---
DATE PLOTTED: 1/10/21
SCALE OF DRAWING: SEE PLAN
JOB NUMBER:
CADD FILE:
SHEET: 1



KELLY HUNTER
6243 EICKHOFF RD.
LAKEPORT, CA 95453
APN:003-046-02

LEGEND:

1530	CONTOUR ELEVATION
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BENEFICIAL USES: IRRIGATION & FIRE PROTECTION

(B) (P) 0.8 ACRE-34,848 SF CULTIVATION/CANOPY AREA

(C) (P) 1.1 ACRE-50,000 SF CULTIVATION/CANOPY AREA

(D) (P) 1 ADA AND 3 NORMAL PARKING SPACES (4 TOTAL

(E) (P) 10'x12' PESTICIDES & AGRICULTURE CHEMICALS STORAGE AREA. (WOODEN SHED)

(F) (E) 1-EXISTING 5,000 GALLON WATER STORAGE TANKS
(P) 3-NEW 5,000 GALLON WATER STORAGE TANKS

PROPOSED CONDITIONS SITE PLAN

GRAPHIC SCALE

100 0 50 100

(IN FEET)
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PROPOSED CONDITIONS SITE PLAN
LAKE COUNTY - KELLY HUNTER

RS GREENERY, LLC.
6243 EICKHOFF ROAD
LAKEPORT, CA 95453
LAKE COUNTY APN#003-046-02

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SHEET: 1

AIR QUALITY

(a) Intent: All cannabis permittees shall not degrade the County's air quality as determined by the Lake County Air Quality Management District (LCAQMD).
(b) In this section, permittees shall identify any equipment or activity that may cause, or potentially cause the issuance of air contaminates including odor and shall identify measures to be taken to reduce, control or eliminate the issuance of air contaminants, including odors.
(c) All cannabis permittees shall obtain an Authority to Construct permit, if necessary, pursuant to LCAQMD Rules and Regulations, prior to the construction of the facility described in the Property Management Plan.
(d) All cannabis permittees shall obtain Authority to Construct Permit pursuant to LCAQMD Rules and Regulations, if applicable, to operate any article, machine, equipment or other contrivance which causes or may cause the issuance of an air contaminant.
(e) All permittees shall maintain an Authority to Construct or Permit to Operate for the life of the project, until the operation is closed and equipment is removed.
(f) The applicant shall prepare an odor response program that includes (but is not limited to):
    a. Designating an individual(s) who is/are responsible for responding to odor complaints 24 hours per day/seven (7) days a week, including holidays.
    b. Providing property owners and residents of property within a 1,000 foot radius of the cannabis facility, with the contact information of the individual responsible for responding to odor complaints.
    c. Policies and procedures describing the actions to be taken when an odor complaint is received, including the training provided to the responsible party on how to respond to an odor complaint.
    d. The description of potential mitigation methods to be implemented for reducing odors, including add-on air pollution control equipment.
    e. Contingency measures to mitigate/curtail odor and other emissions in the event the methods described above are inadequate to fully prevent offsite nuisance conditions.

Air Quality Management Plan

Purpose and Overview

RS Greenery, LLC (RSG) is seeking a Major Use Permit and an Early Activation of Use Permit from the County of Lake, for a proposed commercial cannabis cultivation operation at 6233 Eickhoff Road near Lakeport, CA on Lake County APN 003-046-02 (Project Parcel). RSG's proposed cannabis cultivation operation will be composed of two (2) A-Type 3 "Medium Outdoor" cultivation/canopy areas totaling 84,848 ft^2, a 120 ft^2 Pesticides and Agricultural Chemicals Storage Area (proposed wooden shed), a 120 ft^2 Security Center (proposed wooden shed), and two 160 ft^2 Harvest Storage Areas (proposed 20-foot metal shipping container). The proposed outdoor cultivation/canopy area will be composed of an above grade imported organic soil mixture in 200-gallon round fabric pots, with drip and micro-spray irrigation systems, surrounded by a 6-foot tall galvanized woven wire fence.

This Air Quality Management Plan (AQMP) is designed to promote the health, safety, welfare and environmental quality of the community, operational staff, and the Project Property. In-line with the directives of the Lake County Air Quality Management District, this AQMP includes measures to monitor and evaluate the performance of the plan, as well as ensure that all data and information is reported to Lake County and the proper local agencies. This AQMP identifies equipment and activities that may cause odor, contaminates, or other air quality hazards, and measures that operational staff will be required to follow to mitigate/minimize the amount of air pollution and particulates generated from the proposed cultivation operation. This AQMP also includes an Odor Response Program that establishes responsible parties and procedures for operational staff to follow in the event of an odor complaint.

Equipment or Activities that May or Potentially Cause the Issuance of Air Contaminants

The following sources are anticipated to be the most significant emitters of odor, air pollutants, and particles from the proposed cultivation operation. However, no single source or combined sources are anticipated to be harmful or detrimental to neighboring residences or the community of Lake County.

Gasoline Powered Generator: The proposed cannabis cultivation operation will utilize a small solar array as its primary power source, with a gasoline powered generator to be used as a backup power source. RSG will use a lightweight, low noise, compact, and fuel-efficient Honda Generator as their backup power source, to supply power when it is not available from the solar array.

Gasoline and Diesel-Powered Equipment: The proposed cultivation operation will generate small amounts of carbon dioxide from the operation of small gasoline engines (tillers, weed eaters, lawnmowers, etc.), a utility tractor (diesel engine), and from vehicular traffic associated with staff commuting. The generation of carbon dioxide will be partially offset by the cultivation of plants, which remove carbon dioxide in the air for photosynthesis.

Fugitive Dust: The proposed cultivation operation may generate fugitive dust emissions through ground-disturbing activities, uncovered soil or compost piles, and vehicle or truck trips on unpaved roads. Fugitive dust will be controlled by wetting soils with a mobile water tank and hose, or by delaying ground disturbing activities until site conditions are not windy, and by eliminating soil stockpiles. All access roads where vehicular travel is anticipated will also be layered with 6 inches of gravel. Fugitive dust may also be generated temporarily during the construction period.

Odors: Cannabis cultivation can generate objectionable odors, particularly when the plants are mature/flowering in the cultivation area(s) or when being processed (drying, curing, trimming, and grading) after harvest. No significant odor impacts are anticipated from the proposed cultivation, due to the limited population in the area and the generous setbacks provided from public roads, property lines, and neighboring residences/outdoor activity areas.

Odor Response Program/Procedures

A Community Liaison/Emergency Contact will be made available to Lake County Officials/Staff and the Lake County Sheriff's Office at all times to address any needs or issues that may arise. The Community Liaison/Emergency Contact will be responsible for responding to odor complaints 24 hours a day, seven days a week, including holidays. RSG will provide the name, cell phone number, and email address of the Community Liaison/Emergency Contact to all interested County Departments, Law Enforcement Officials, and neighboring property owners and residents. RSG will encourage neighboring residents to contact the Community Liaison/Emergency Contact to resolve any operating problems before contacting County Officials/Staff.

When an odor complaint is received, the Community Liaison/Emergency Contact will immediately take action to determine the source of the odor for which the complaint was received. Then mitigation methods will be immediately implemented to reduce/eliminate odors from emanating from the source. Depending on the source, mitigation measures include erecting windscreens and/or the installation of air pollution/odor control equipment/systems.

Community Liaison/Emergency Contact Information

The Community Liaison/Emergency Contact for RSG's cultivation operation is Mr. Kelly Hunter. Mr. Hunter's cell phone number is (714) 321-4819 and his email address is rsgreenery1@gmail.com. All residences within 1,000 feet of the property boundaries will receive this contact information prior to the start of cultivation activities.

Grounds

Intent: To describe the grounds of the commercial cannabis cultivation site to ensure compliance with the use permit, protect the public health, safety and welfare, as well as the natural environment of Lake County.

This section shall include the following:

a. The permittee shall establish and implement written procedures to ensure that the grounds of the premises controlled by the permittee are kept in a condition that prevents the contamination of components and cannabis products. The methods for adequate maintenance of the grounds shall include at minimum:
    i. The proper storage of equipment, removal of litter and waste, and cutting of weeds or grass so that the premises shall not constitute an attractant, breeding place, or harborage for pests.
    ii. The proper maintenance of roads, yards, and parking lots so that these areas shall not constitute a source of contamination in areas where cannabis products are handled or transported.
    iii. The provision of adequate draining areas in order to prevent contamination by seepage, foot-borne filth, or the breeding of pests due to unsanitary conditions.
b. The provision and maintenance of waste treatment systems so as to prevent contamination in areas where cannabis products may be exposed to such a system's waste or waste by-products.
   If the lot of record is bordered by grounds outside the applicant's control that are not maintained in the manner described in subsections (i) through (iv) of this section, inspection, extermination, and other reasonable care shall be exercised within the lot of record in order to eliminate any pests, dirt, and/or filth that pose a source of cannabis product contamination.
c. Any other information as may be requested by the Director and/or by the Planning Commission.

Grounds

Purpose and Overview

RS Greenery, LLC (RSG) is seeking a Major Use Permit and an Early Activation of Use Permit from the County of Lake, for a proposed commercial cannabis cultivation operation at 6233 Eickhoff Road near Lakeport, CA on Lake County APN 003-046-02 (Project Parcel). RSG's proposed cannabis cultivation operation will be composed of two (2) A-Type 3 "Medium Outdoor" cultivation/canopy areas totaling 84,848 ft^2, a 120 ft^2 Pesticides and Agricultural Chemicals Storage Area (proposed wooden shed), a 120 ft^2 Security Center (proposed wooden shed), and two 160 ft^2 Harvest Storage Areas (proposed 20-foot metal shipping container). The proposed outdoor cultivation/canopy area will be composed of an above grade imported organic soil mixture in 200-gallon round fabric pots, with drip and micro-spray irrigation systems, surrounded by a 6-foot tall galvanized woven wire fence.

The Grounds section is designed to outline the operating procedures for the proposed commercial cannabis cultivation operations to ensure compliance with the use permit(s), protect the public health, safety and welfare, as well as the natural environment of Lake County. This section provides information on adequate maintenance of the property, roads, waste, drainage, as well as the storage of chemicals stored and used onsite.

Chemicals Storage and Effluent

Chemicals stored and used at/by the proposed cultivation operation include fertilizers/nutrients, pesticides, and petroleum products (Agricultural Chemicals). All fertilizers/nutrients and pesticides, when not in use, will be stored in their manufacturer's original containers/packaging and undercover inside the secure proposed Pesticides and Agricultural Chemicals Storage Area (proposed 120 ft^2 wooden shed). Petroleum products will be stored at least 100 feet from surface water bodies, under cover and in State of California-approved containers with secondary containment and separate from pesticides and fertilizers within the proposed Pesticides & Agricultural Chemicals Storage Area. Spill containment and cleanup equipment will be maintained within the proposed Pesticides & Agricultural Chemicals Storage Area. No effluent is expected to be produced by the proposed cultivation operation.

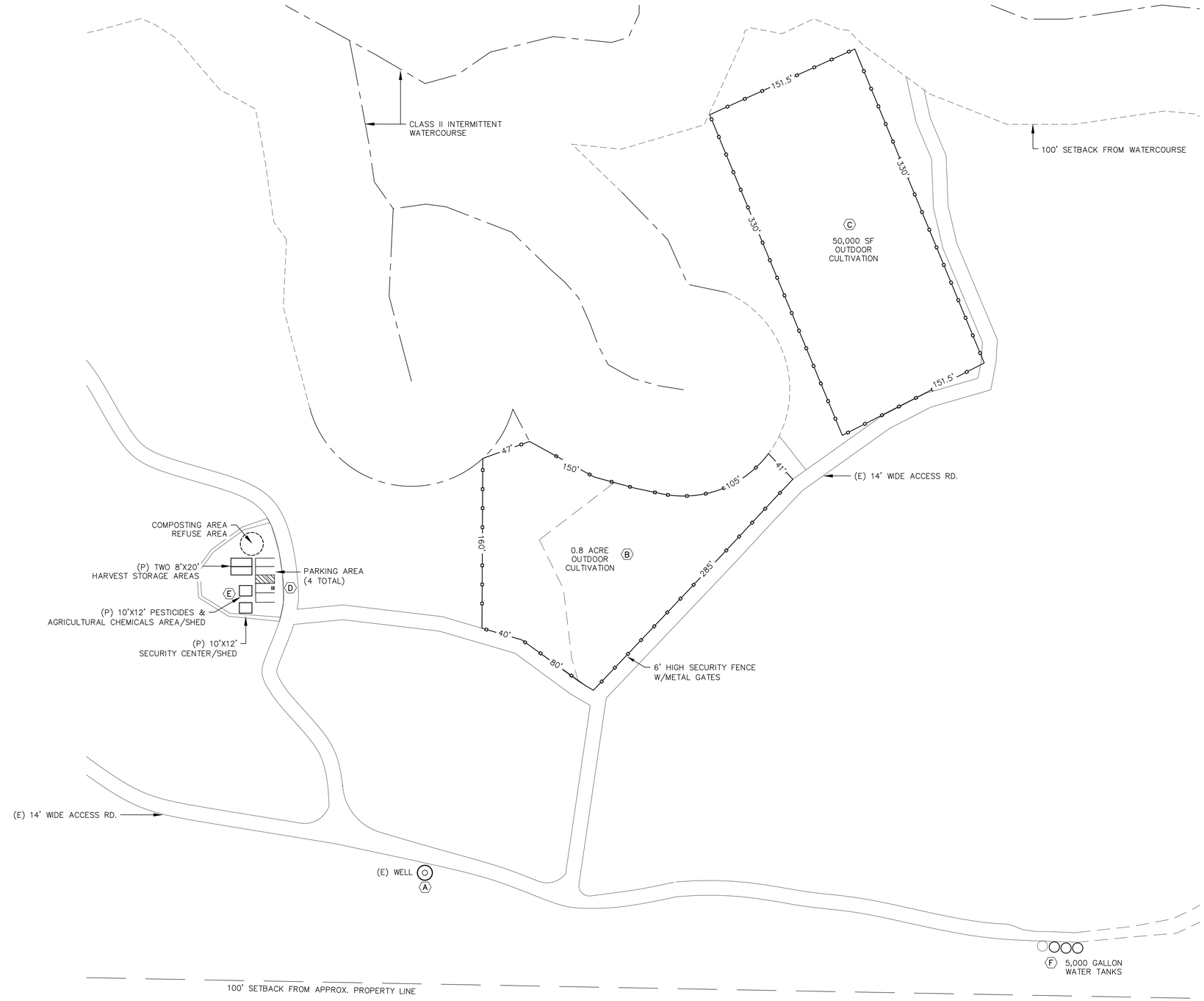
Solid Waste Management

The types of solid waste that will be generated from the proposed commercial cannabis cultivation operation include gardening materials and wastes (such as used plastic seedling pots and spent plastic fertilizer/pesticide bags and bottles) and general litter from staff/personnel. All solid waste will be stored in bins with secure fitting lids, located directly adjacent to the proposed cultivation area and Pesticides and Agricultural Chemicals Storage Area. At no time should the bins be filled to a point that their lids cannot fit securely. Solid waste from the bins will be deposited into a trailer ("dump trailer"), then hauled away to a Lake County Integrated

Waste Management facility, at least every seven (7) days/weekly during the cultivation season. The closest Lake County Integrated Waste Management facility to the proposed cultivation operation is the Lake County Integrated Waste Solutions Transfer Station and Recycling Center. Most, if not all, of the solid waste generated by proposed commercial cannabis cultivation operation can and will be deposited there.

Site Maintenance

When not in use, all equipment will be stored in their proper designated area upon completion of the task for which the equipment was needed. Any refuse created during the workday will be placed in the proper waste disposal receptacle at the end of each shift, or at a minimum upon completion of the task assigned. Any refuse which poses a risk for contamination or personal injury will be disposed of immediately. Areas of the Project Property around the proposed cultivation operation will be mowed and trimmed regularly to ensure safe and sanitary working conditions. Access roads and parking areas will be graveled to prevent the generation of fugitive dust, and vegetative ground cover will be preserved throughout the entire site to filter and infiltrate stormwater runoff from the access roads, parking areas, and the proposed cultivation operation.



CULTIVATION SITE PLAN WITH CANOPY

GRAPHIC SCALE

100 0 50 100

(IN FEET)
1 inch = 100 ft.

KELLY HUNTER
6243 EICKHOFF RD.
LAKEPORT, CA 95453
APN:003-046-02

LEGEND:

1530	CONTOUR ELEVATION
	FENCE
	ASPHALT
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	WATERCOURSE / SWALE
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	TREES
APN	ASSESSOR'S PARCEL NUMBER
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PLANS PREPARED UNDER THE SUPERVISION OF:

REGISTERED PROFESSIONAL ENGINEER
JASON B. VINE
No. 67800
EXP.06/30/21
CIVIL
STATE OF CALIFORNIA

CULTIVATION SITE PLAN WITH CANOPY
LAKE COUNTY - KELLY HUNTER
RS GREENERY, LLC.
6243 EICKHOFF ROAD
LAKEPORT, CA 95453
LAKE COUNTY APN#003-046-02

PLOTTED BY: ---
DATE PLOTTED: 1/10/21
SCALE OF DRAWING: SEE PLAN
JOB NUMBER:
CADD FILE:
SHEET: 1

SECURITY

To minimize criminal activity, provide for safe and secure working environments, protect private property, and to prevent damage to the environment. The Applicant shall provide adequate security on the premises, as approved by the Sheriff and pursuant to this section, including lighting and alarms, to ensure the safety of persons and to protect the premises from theft.

This section shall include at a minimum:

a. A description of the security measures to be taken to:

1. Prevent access to the cultivation site by unauthorized personnel and protect the physical safety of employees. This includes, but is not limited to:
    i. Establishing physical barriers to secure perimeter access and all points of entry (such as locking primary entrances with commercial- grade, nonresidential door locks, or providing fencing around the grounds, driveway, and any secondary entrances including windows, roofs, or ventilation systems);
    ii. Installing a security alarm system to notify and record incident(s) where physical barriers have been breached;
    iii. Establishing an identification and sign-in/sign-out procedure for authorized personnel, suppliers, and/or visitors;
    iv. Maintaining the premises such that visibility and security monitoring of the premises is possible; and
    v. Establishing procedures for the investigation of suspicious activities.
2. Prevent theft or loss of cannabis and cannabis products. This includes but is not limited to:
    i. Establishing an inventory system to track cannabis material and the personnel responsible for processing it throughout the cultivation process;
    ii. Limiting access of personnel within the premises to those areas necessary to complete job duties, and to those timeframes specifically scheduled for completion of job duties;
    iii. Supervising tasks or processes with high potential for diversion (including the loading and unloading of cannabis transportation vehicles); and
    iv. Providing designated areas in which personnel may store and access personal items.
3. Identification of emergency contact(s) that is/are available 24 hours/seven (7) days a week including holidays. The plan shall include the name, phone number and facsimile number or email address of an individual working on the commercial cultivation premises, to whom notice of problems associated with the operation of the commercial cultivation establishment can be provided. The commercial cultivation establishment shall keep this information current at all times. The applicant shall make every good faith effort to encourage neighborhood residents to call this designated person to resolve operating problems, if any, before any calls or complaints are made to the County.
4. The permittee shall maintain a record of all complaints and resolution of complaints and provide a tally and summary of issues in the annual Performance Review Report.
5. A description of fences, location of access points, and how access is controlled.
6. Video Surveillance.

i. At a minimum, permitted premises shall have a complete digital video surveillance system with a minimum camera resolution of 1080 pixel. The video surveillance system shall be capable of recording all predetermined surveillance areas in any lighting conditions.
ii. The video surveillance system shall be capable of supporting remote access by the permittee.
iii. To the extent reasonably possible, all video surveillance cameras shall be installed in a manner that prevents intentional obstruction, tampering with, and/or disabling
iv. Areas that shall be recorded on the video surveillance system include, but are not limited to, the following:
    a. The perimeter of the cannabis cultivation site and cannabis nursery,
    b. Areas where cannabis or cannabis products are weighed, packed, stored, quarantined, loaded and/or unloaded for transportation, prepared, or moved within the premises;
    c. Areas where cannabis is destroyed;
    d. Limited-access areas;
    e. Security rooms;
    f. Areas containing surveillance-system storage devices, in which case, at least one camera shall record the access points to such an area; and
    g. The interior and exterior of all entrances and exits to the cannabis cultivation sites and cannabis nursery including all buildings where cannabis or cannabis products are weighed, packed, stored, quarantined, loaded and/or unloaded for transportation, prepared, or moved within the premises.
v. The surveillance system shall operate continuously 24 hours per day and at a minimum of 30 frames per second.
vi. All exterior cameras shall be waterproof, I-66 minimum.
vii. All interior cameras shall be moisture proof.
viii. Cameras shall be color capable.
ix. Video management software shall be capable of integrating cameras with door alarms.
x. Video recordings shall be digital.
xi. Thermal technology shall be used for perimeter fencing.
xii. All cameras shall include motion sensors that activates the camera when motion is detected.
xiii. In areas with inadequate lighting for the cameras being used, sufficient lighting shall be provided to illuminate the camera’s field of vision.
xiv. All recording shall be located in secure rooms or areas of the premises in an access and environment-controlled environment which is separate from the room where the computer and monitoring equipment is located.
xv. All surveillance recordings shall be kept on the applicant's recording device or other approved location for a minimum of 30 days.

xvi. All video surveillance recordings are subject to inspection by the Department and shall be copied and sent, or otherwise provided, to the Department upon request.

xvii. The video recordings shall display the current date and time of recorded events. Time is to be measured in accordance with the U.S. National Institute Standards and Technology standards. The displayed date and time shall not significantly obstruct the view of recorded images

7. Fences

i. Any commercial cannabis cultivation site shall be enclosed by a fence. The fence shall include, at a minimum, the following: Posts set into the ground. The posts may be steel tubing, timber or concrete and may be driven into the 27-136 ground or set in concrete. End, corner or gate posts, commonly referred to as "terminal posts", must be set in concrete footing or otherwise anchored to prevent leaning under the tension of a stretched fence. Posts set between the terminal posts shall be set at intervals not to exceed 10 feet. A top horizontal rail is required between all posts. The fence shall be attached to the posts and top horizontal rail.

ii. No barbed wire, razor wire or similar design shall be used.

iii. The cultivation area shall be screened from public view. Methods of screening may include, but are not limited to, topographic barriers, vegetation, or solid (opaque) fences.

Security Management Plan

Purpose and Overview

RS Greenery, LLC (RSG) is seeking a Major Use Permit and an Early Activation of Use Permit from the County of Lake, for a proposed commercial cannabis cultivation operation at 6233 Eickhoff Road near Lakeport, CA on Lake County APN 003-046-02 (Project Parcel). RSG's proposed cannabis cultivation operation will be composed of two (2) A-Type 3 "Medium Outdoor" cultivation/canopy areas totaling 84,848 ft^2, a 120 ft^2 Pesticides and Agricultural Chemicals Storage Area (proposed wooden shed), a 120 ft^2 Security Center (proposed wooden shed), and two 160 ft^2 Harvest Storage Areas (proposed 20-foot metal shipping container). The proposed outdoor cultivation/canopy area will be composed of an above grade imported organic soil mixture in 200-gallon round fabric pots, with drip and micro-spray irrigation systems, surrounded by a 6-foot tall galvanized woven wire fence.

The purpose of this Security Management Plan (SMP) is to minimize criminal activity, provide for safe and secure working environments, protect private property and prevent damage to the environment. This SMP includes a description of the security measures that will be implemented at the proposed cultivation operation to prevent unauthorized access and theft or diversion of cannabis, a description of the proposed video surveillance system, and protocols that RSG will follow to ensure overall site security.

Secured Entry and Access

The Project Property is accessed via a shared private gravel and native soil surfaced access road off of Eickhoff Road. Metal gates control access to the private gravel and native soil surfaced access road and the Project Property from Eickhoff Road. The gates will be closed and locked outside of core operating/business hours (8am to 6pm) and whenever RSG personnel are not present. The gate will also be installed with a commercial grade padlock and a Knox Box to allow 24/7 access for emergency services.

6-foot woven galvanized wire fences will be erected around the proposed cultivation area(s). Privacy Screen/Cloth will be installed on the fences where necessary to screen the cultivation area from public view. Posts will be set into the ground at not more than 10-foot intervals, and terminal posts will be set into concrete footings. Secured entry and access to the cultivation area(s) will be controlled via locking gates that will be locked whenever RSG personnel are not present. All gates will be secured with heavy duty chains and commercial grade padlocks.

100 feet of defensible space (vegetation management) will be established and maintained around the proposed cultivation operation for fire protection and to provide for visibility and security monitoring. Motion-sensing alarms will be installed at the main entrance to the Project Parcel, to alert personnel when someone/something has entered onto the premises. Motion-sensing security lights will be installed on all external corners of the proposed cultivation area(s), and at the main

entrance to the Project Parcel. All lighting will be fully shielded, downward casting and will not spill over onto other properties or the night sky.

Personnel will be instructed to notify RSG's managerial staff immediately if/when suspicious activity is detected. RSG's managerial staff will investigate all suspicious activity for potential threats, issues, or concerns. RSG's managerial staff will contact the Lake County Sheriff's Office immediately if/when a threat is detected. When a visitor arrives at the proposed cultivation operation via the main entrance during core operating/business hours, they will be immediately greeted by a member of RSG's staff. The staff member will verify the visitor's identification and appropriate documentation/credentials. They will then be assigned an escort to show the visitor to the appropriate area(s), in accordance to their approved itinerary. No visitors will ever be left unattended.

Diversion/Theft Prevention

All personnel that work at RSG's proposed cultivation operation will be required to undergo a criminal background check. Visitors and personnel will be required to sign-in and sign-out each day and record the areas in which they worked and the tasks they were assigned. RSG will adhere to the inventory tracking and recording requirements of the California Cannabis Track-and-Trace (CCTT) system. All personnel will be trained in the requirements of the CCTT system, and all cannabis transfers/movement will be reported through the CCTT system. A member of RSG's managerial staff will be the designated track-and-trace system administrator for the proposed cultivation operation. The track-and-trace system administrator will supervise all tasks with high potential for diversion/theft, and will document which personnel took part in the task(s). In the event of any diversion/theft, law enforcement and the appropriate licensing authority will be notified within 24 hours of discovery.

Community Liaison and Emergency Contact

A Community Liaison/Emergency Contact will be made available to Lake County Officials/Staff and the Lake County Sheriff's Office at all times to address any needs or issues that may arise. RSG will provide the name, cell phone number, and email address of the Community Liaison/Emergency Contact to all interested County Departments, Law Enforcement Officials, and neighboring property owners and residents. RSG will encourage neighboring residents to contact the Community Liaison/Emergency Contact to resolve any problems before contacting County Officials. When a complaint is received, the Community Liaison/Emergency Contact will document the complainant and the reason for the complaint, then take action to resolve the issue (see the Odor Response Program in the Air Quality section of this Property Management Plan for odor related complaints/issues). A tally and summary of complaints/issues will be provided in RSG's annual Performance Review Report.

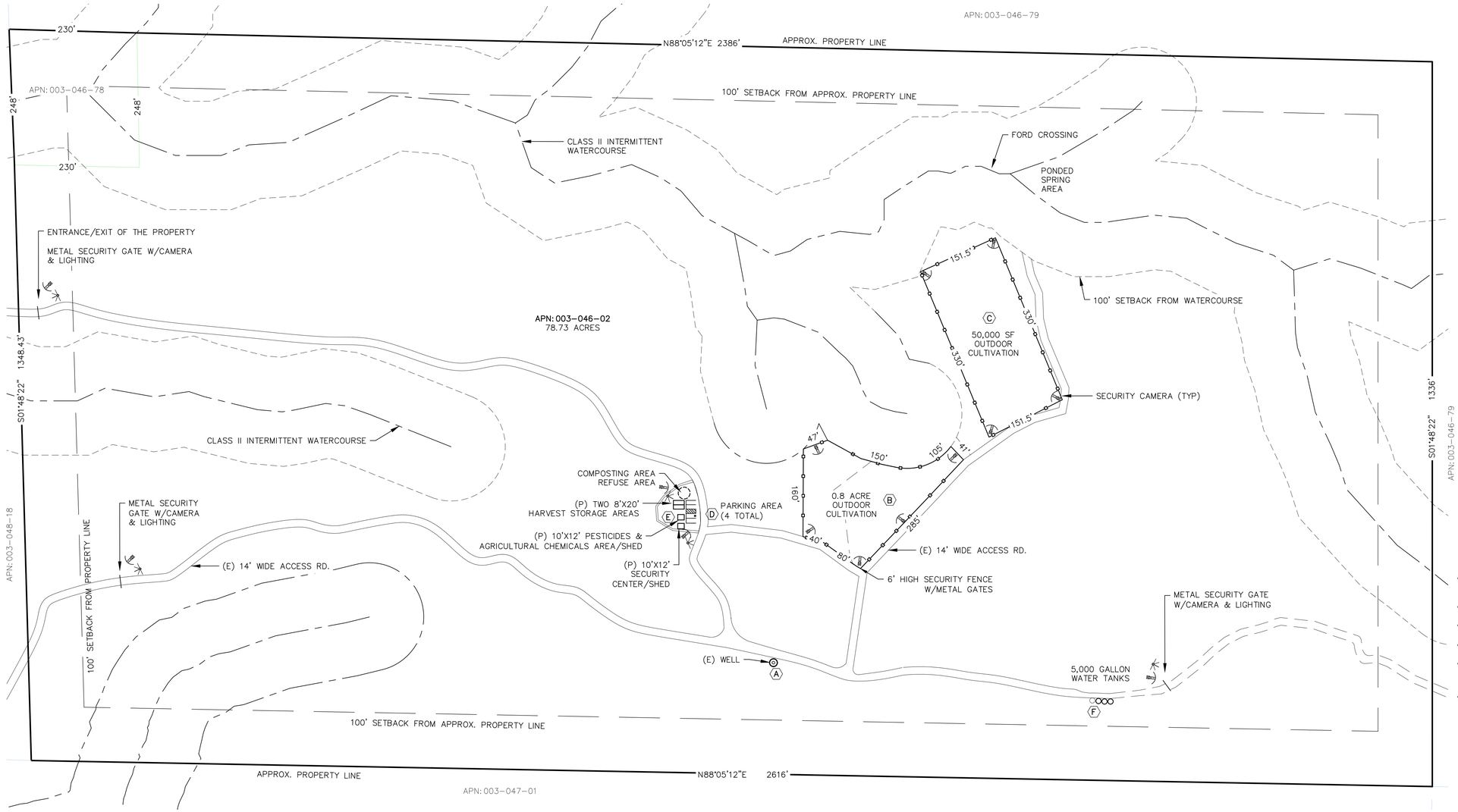
The Community Liaison/Emergency Contact for RSG's cultivation operation is Mr. Kelly Hunter. Mr. Hunter's cell phone number is (714) 321-4819 and his email address is rsgreenery1@gmail.com. All residences within 1,000 feet of the property boundaries will receive this contact information prior to the start of cultivation activities.

Video Surveillance

RSG will use a closed-circuit television (CCTV) system with a minimum camera resolution of 1080p at a minimum of 30 frames per second to record activity in all sensitive areas. All cameras will be color capable. All exterior cameras will be waterproof and all interior cameras are moisture proof. Cameras monitoring the perimeter of the cultivation/canopy areas will be equipped with thermal technology. The CCTV system will feed into a monitoring and recording station within the proposed Security Center, where video from the CCTV system will be digitally recorded. Video management software of the monitoring and recording station will be capable of integrating cameras of the CCTV system with door alarms, and will be equipped with a failure notification system that immediately notifies RSG's managerial staff of any interruptions or failures. All cameras of the CCTV system will operate continuously 24 hours a day, 7 days a week, recording current date and time on the feed. All recordings will be kept a minimum of 90 days, and 7 years for any corresponding reported incidents caught on tape. The Security Center will remain locked at all times and only be accessible by RSG's managerial staff.

Proposed camera placements can be found on the accompanying Security Site Plan and Security Center Layout. Areas that will be covered by the CCTV system include:

- Entrances to the property, cultivation areas, and Security Center;
- Perimeter of the cultivation/canopy area; and
- The monitoring and recording station (within the proposed Security Center).



KELLY HUNTER
6243 EICKHOFF RD.
LAKEPORT, CA 95453
APN:003-046-02

LEGEND:

1530	CONTOUR ELEVATION
	FENCE
	ASPHALT
	GRAVEL
	EARTH
	WATERCOURSE / SWALE
	EXISTING POWER POLE
	PROPOSED SECURITY CAMERAS
	PROPOSED SECURITY LIGHTING
APN	ASSESSOR'S PARCEL NUMBER
APPROX	APPROXIMATELY
DWY	DRIVEWAY
(E)	EXISTING
(P)	PROPOSED
RD	ROAD
SF	SQUARE FEET
OH	OVER HEAD POWER LINES

NOTES:
1. CONTOUR INTERVAL IS 5'

(A) (E) GROUNDWATER WELL
LAT: 39.1728
LONG: -122.94968
BENEFICIAL USES: IRRIGATION & FIRE PROTECTION

(B) (P) 0.8 ACRE-34,848 SF CULTIVATION/CANOPY AREA

(C) (P) 1.1 ACRE-50,000 SF CULTIVATION/CANOPY AREA

(D) (P) 1 ADA AND 3 NORMAL PARKING SPACES (4 TOTAL

(E) (P) 10'x12' PESTICIDES & AGRICULTURE CHEMICALS STORAGE AREA. (WOODEN SHED)

(F) (E) 1-EXISTING 5,000 GALLON WATER STORAGE TANKS
(P) 3-NEW 5,000 GALLON WATER STORAGE TANKS

SECURITY SITE PLAN

GRAPHIC SCALE

100 0 50 100
(IN FEET)
1 inch = 100 ft.

Revisions:

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE c
REDDING, CA. 96001
530-526-7493

PLANS PREPARED UNDER THE SUPERVISION OF:

REGISTERED PROFESSIONAL ENGINEER
JASON B. VINE
No. 67800
EXP. 06/30/21
CIVIL
STATE OF CALIFORNIA

SECURITY SITE PLAN
LAKE COUNTY - KELLY HUNTER

RS GREENERY, LLC.
6243 EICKHOFF ROAD
LAKEPORT, CA 95453
LAKE COUNTY APN#003-046-02

PLOTTED BY: ---
DATE PLOTTED: 1/10/21
SCALE OF DRAWING: SEE PLAN
JOB NUMBER:
CADD FILE:
SHEET: 1

STORM WATER MANAGEMENT

Intent: To protect the water quality of the surface water and the stormwater management systems managed by Lake County and to evaluate the impact on downstream property owners. All permittees shall manage storm water runoff to protect downstream receiving water bodies from water quality degradation.

This section shall include at a minimum:

a. Identification of any Lake County maintained drainage or conveyance system that the stormwater is discharged into and documentation that the stormwater discharge is in compliance with the design parameters of those structures;
b. Identification of any public roads and bridges that are downstream of the discharge point and documentation that the stormwater discharge is in compliance with the design parameters of any such bridges;
c. Documentation that the discharge of stormwater from the site will not increase the volume of water that historically has flow onto adjacent properties;
d. Documentation that the discharge of stormwater will not increase flood elevations downstream of the discharge point;
e. Documentation that the discharge of stormwater will not degrade water quality of any water body;
f. Documentation of compliance with the requirements of Chapter 29, Storm Water Management Ordinance of the Lake County Ordinance Code;
g. Describe the proposed grading of the property;
h. Describe the storm water management system;
i. Describe the best management practices (BMPs) that will be used during construction and those that will be used post-construction. Post-construction BMPs shall be maintained through the life of the permit; and
j. Describe what parameters will be monitored and the methodology of the monitoring program.
k. Cannabis Vegetative Material Waste Management

    The cannabis vegetative material waste management section shall include:

    1. Provide an estimate of the type and amount of cannabis vegetative waste that will be generated on an annual basis;
    2. Describe how the permittee will minimize cannabis vegetative waste generation; 27-138
    3. Describe how solid waste will be disposed; and
    4. Describe the methodology on how the amount of cannabis vegetative waste that is generated on the site, the amount that is recycled, and the amount and where cannabis vegetative waste is disposed of is measured.

l. Growing Medium Management

    The cannabis vegetative material waste management section shall include:

    1. Provide an estimate of the type and amount of new growing medium that will be used and amount of growing medium will be disposed of on an annual basis;

2. Describe how the permittee will minimize growing medium waste generation;
3. Describe any non-organic content in the growing medium used (such as vermiculite, silica gel, or other non-organic additives;
4. Describe how growing medium waste will be disposed;
5. Describe the methodology on how the amount of growing medium waste that is generated on the site, the amount that is recycled, and the amount and where growing medium waste is disposed of, is measured.

Storm Water Management Plan

Purpose and Overview

RS Greenery, LLC (RSG) is seeking a Major Use Permit and an Early Activation of Use Permit from the County of Lake, for a proposed commercial cannabis cultivation operation at 6233 Eickhoff Road near Lakeport, CA on Lake County APN 003-046-02 (Project Parcel). RSG's proposed cannabis cultivation operation will be composed of two (2) A-Type 3 "Medium Outdoor" cultivation/canopy areas totaling 84,848 ft^2, a 120 ft^2 Pesticides and Agricultural Chemicals Storage Area (proposed wooden shed), a 120 ft^2 Security Center (proposed wooden shed), and two 160 ft^2 Harvest Storage Areas (proposed 20-foot metal shipping container). The proposed outdoor cultivation/canopy area will be composed of an above grade imported organic soil mixture in 200-gallon round fabric pots, with drip and micro-spray irrigation systems, surrounded by a 6-foot tall galvanized woven wire fence.

The purpose of this Storm Water Management Plan is to protect the water quality of the surface water and stormwater management systems managed by Lake County. RSG will focus on low impact development (LID) and "green" stormwater management infrastructure to achieve permanent stabilization post site development as quickly as possible. LID practices utilizing "green" infrastructure will manage stormwater by minimizing impervious surfaces, maintaining, preserving, and enhancing existing vegetation, and by using natural systems to filter and infiltrate stormwater into the ground. LID with "green" storm water infrastructure is cost competitive with traditional storm water management infrastructure/practices, while providing numerous other long-term benefits, such as improved water quality, ecosystem enhancement, and preserved/improved aesthetics.

Stormwater Management Measures

The Project Property is located within the Middle Scotts Creek Watershed (HUC 12). An unnamed intermittent Class II watercourse flows from north to south through the Project Property. Five ephemeral Class III watercourses form on the Project Property and flow into the unnamed intermittent Class II watercourse. The proposed cultivation operation will be located more than 100 feet from all surface water bodies.

The proposed cultivation operation will increase the impervious surface area of the Project Parcel by ~600 ft^2, through the installation of two proposed 120 ft^2 wooden buildings (proposed Security Center and Pesticides & Agricultural Chemicals Storage Area), two proposed 160 ft^2 Harvest Storage Areas (20-foot metal shipping/storage containers), and four 5,000-gallon heavy-duty plastic water storage tanks. All structures will be located more than 100 feet from surface water bodies, and stormwater runoff from the structures will be discharged to the well-vegetated buffers surrounding the proposed cultivation operation, to filter pollutants and to promote stormwater retention and infiltration.

The proposed outdoor cultivation/canopy areas will not increase the impervious surface area of the Project Parcel, nor the amount of stormwater runoff generated from the Project Property. Well-vegetated buffers (minimum 100 feet) will be maintained around the proposed cultivation areas to filter and/or remove any sediment, nutrients, and/or pesticides mobilized by stormwater runoff, and prevent those pollutants from reaching nearby surface water bodies.

Erosion and Sediment Control Measures

Well-vegetated buffers will be maintained around the proposed cultivation operation. Established vegetation within and around the proposed cultivation operation will be maintained/protected to the extent possible, as a permanent erosion and sediment control measure. A native grass seed mixture and certified weed-free straw mulch will be applied to all areas of the exposed soil prior to November 15th of each year at a rate of two tons per acre, until permanent stabilization has been achieved. Straw wattles will be installed and maintained throughout the proposed cultivation operation, until permanent stabilization has been achieved. If areas of concentrated stormwater runoff begin to develop, additional erosion and sediment control measures will be implemented to protect those areas and their outfalls. RSG will conduct monthly monitoring inspections to confirm that this operation is in compliance with California Water Code.

During Construction the following BMP's will be implemented and maintained throughout the life of the project:

- Straw wattles will be installed and maintained throughout the entire life of the proposed cultivation operation along the west, south and east borders of both the cultivation areas.
- Piled topsoil that is exposed will be covered with a tarp while not in use to maintain sediment control and reduce dust impacts.
- Gravel will be placed along all access roads to reduce exposed dirt.

Regulatory Compliance

The Project Property is enrolled for coverage under the State Water Resources Control Board's Cannabis General Order since October 30th, 2020 (WDID: 5S17CC429585).

The stormwater management measures outlined above meet or exceed the requirements of the Lake County Storm Water Management Ordinance (Chapter 29 of the Lake County Ordinance Code). Stormwater runoff from the proposed cultivation operation will not discharge into any Lake County maintained drainage or conveyance system, and there are no public bridges or culverted watercourse crossings downstream from the proposed cultivation operation. Development of the proposed cultivation operation, with the implementation of the LID practices and erosion and sediment control measures outlined above, will not increase the volume of stormwater discharges from the Project Property onto adjacent properties or flood elevations downstream.

Monitoring and Reporting Program

The following are the Monitoring and Reporting Requirements for RSG's proposed cannabis cultivation operation from the Cannabis General Order:

- Winterization Measures Implementation
- Tier Status Confirmation
- Third Party Identification (if applicable)
- Nitrogen Application (Monthly and Total Annual)

An Annual Report shall be submitted to the State Water Quality Control Board by March 1st of each year. The Annual Report shall include the following:

1. Facility Status, Site Maintenance Status, and Storm Water Runoff Monitoring.
2. The name and contact information of the person responsible for operation, maintenance, and monitoring.

A letter transmitting the annual report shall accompany each report. The letter shall summarize the numbers and severity of 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."

RSG will adhere to these monitoring requirements to maintain compliance with the Cannabis General Order and will be happy to provide a copy of their Annual Monitoring Report to Lake County Officials if requested.

Cannabis Vegetative Material Waste Management

Cannabis Waste Overview

"Cannabis waste" is an organic waste, as defined in Section 42649.8(c) of the Public Resources Code. Anticipated cannabis waste generated from the proposed cannabis cultivation operation is limited to cannabis plant stems. It is anticipated that all other parts of cannabis plants cultivated at this site will be transferred to a State of California-licensed Distributor for distribution to State of California-licensed Processors, Manufacturers, and Retailers. The proposed cannabis cultivation operation is anticipated to generate less than 500 pounds of dried cannabis waste each year.

Cannabis Waste Composting

All cannabis waste generated from the proposed cultivation operation will be composted on-site and in compliance with Title 14 of the California Code of Regulations at Division 7, Chapter 3.1. Cannabis waste will be stored/composted in the designated composting area of the proposed commercial cannabis cultivation operation, until it is incorporated into the soils of the cultivation areas as an organic soil amendment.

Cannabis Waste Records/Documentation

Cannabis waste generated from the proposed cannabis cultivation operation will be identified, weighed, and tracked while onsite. All required information pertaining to cannabis waste will be entered into the State of California Cannabis Track-and-Trace (CCTT) system. RSG will maintain accurate and comprehensive records regarding cannabis waste generation that will account for, reconcile, and evidence all activity related to the generation or disposition of cannabis waste. All records will be kept on-site for seven (7) years and will be made available during inspections.

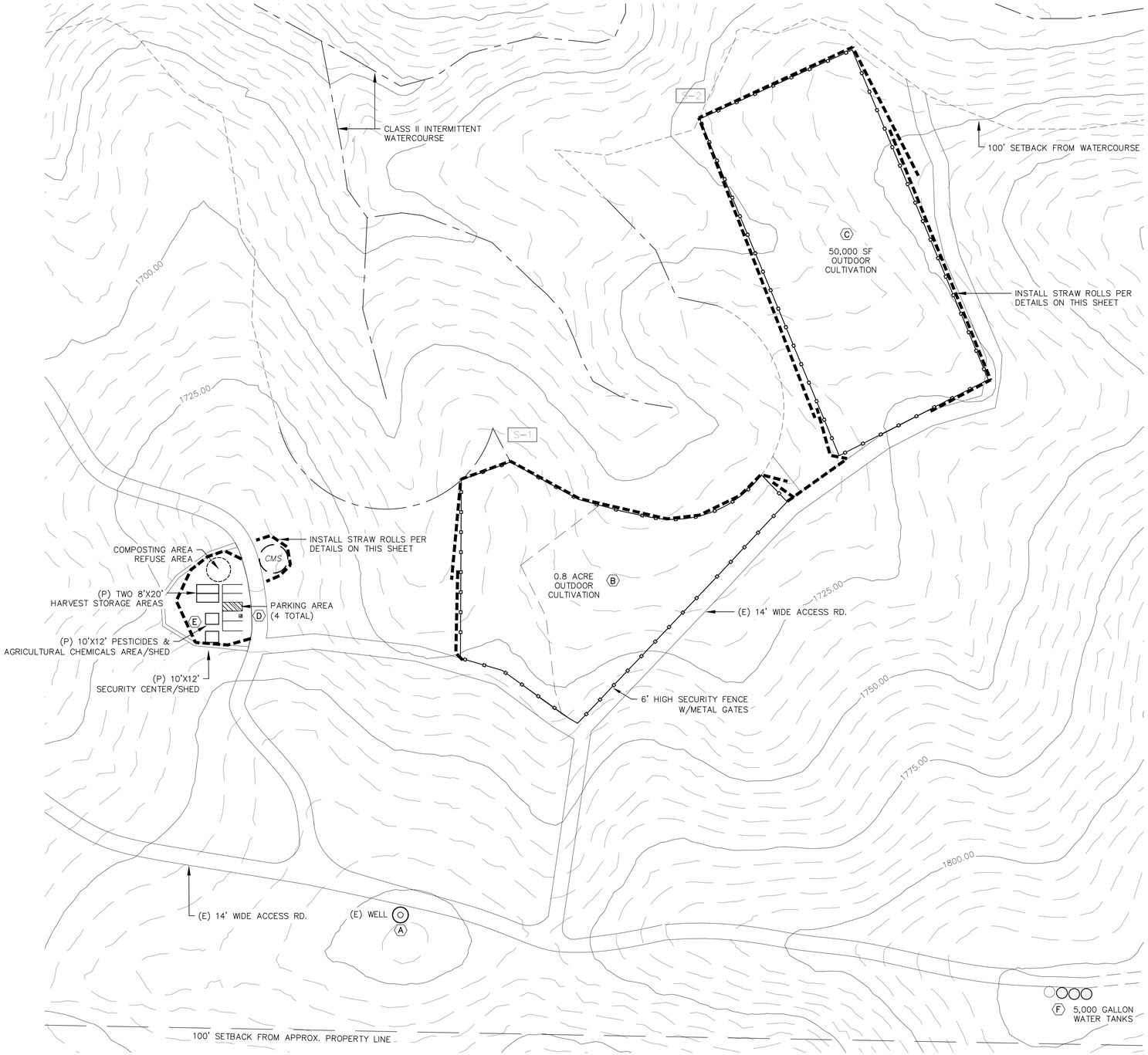
Growing Medium Management

Growing Medium Overview

The growing medium of the proposed cannabis cultivation area(s) will be an above grade organic soil mixture in fabric pots. Each year the organic soil mixture of the proposed cultivation area(s) will be amended with composted cannabis waste/plant material and reused. Only low salt fertilizers will be used by the proposed cultivation operation, so that salts do not accumulate within the organic soil mixture of the proposed cultivation area(s), rendering the organic soil mixture unusable.

Growing Medium Waste

Ideally, the organic soil mixture of the cultivation area will be amended and reused each year/cultivation season. In the event of a root and/or soil born pest infestation, the infested soil will be removed from the cultivation area, quarantined and treated with a pesticide that targets the infestation and that is approved for use in cannabis cultivation by the California Department of Food and Agriculture and/or California Department of Pesticide Regulation, then incorporated with compost in the designated composting area. After composting, the treated soil will be reintroduced into the fabric pots of the proposed cultivation/canopy area as a soil amendment. No growing medium waste should be generated from the proposed cultivation operation (all growing medium should be recycled/reused).



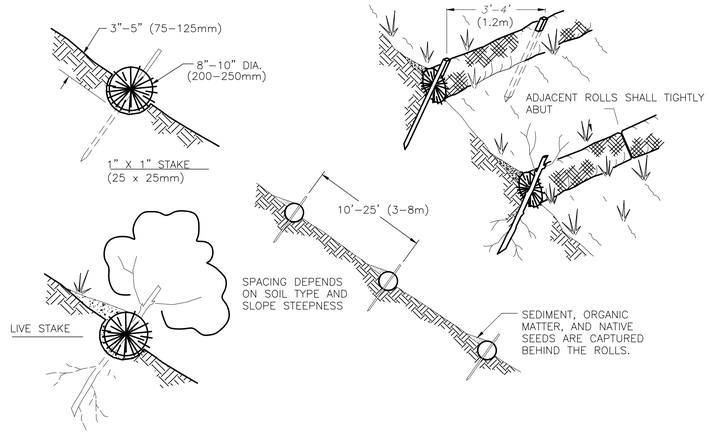
EROSION & SEDIMENT CONTROL PLAN

GRAPHIC SCALE

100 0 50 100

(IN FEET)

1 inch = 100 ft.



STRAW ROLL DETAILS

1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" (75-125mm) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
2. STRAW ROLLS MUST BE PLACED ALONG SLOPE CONTOURS

EROSION & SEDIMENT CONTROL NOTES:

1. CONTRACTOR IS TO IMPLEMENT BEST MANAGEMENT PRACTICES (BMPS) TO CONTROL EROSION CONTROL AND REDUCE THE OFF-SITE DISCHARGE OF SEDIMENT TO THE MAXIMUM EXTENT PRACTICABLE.
2. EROSION CONTROL BMPS SHALL BE IN PLACE AND MAINTAINED ALL YEAR ROUND.
3. HE CONTRACTOR SHALL FOLLOW THE GUIDELINES FROM THE "CALIFORNIA STORMWATER BMP HANDBOOK" FOR THE MEASURES SHOWN OR STATED ON THESE PLANS.
4. CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE QUALIFIED SWPPP PRACTITIONER (QSP).
6. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO ANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF LAKE COUNTY.
7. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
8. CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPS, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPS OR EROSION AND SEDIMENT CONTROL PLAN.
9. THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE.
10. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY OR AS NECESSARY.
11. ANY LOOSE GROUND FROM EXCAVATING GRADING OPERATIONS SHALL BE SECURED PRIOR TO ANY RAIN EVENT. STRAW OR TARP ALL DISTURBED OR EXCAVATED GROUND.
12. CONTRACTOR SHALL PLACE GRAVEL BAGS AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE GRAVEL BAGS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
13. AS A MINIMUM, ALL GRADED AREAS AND EXPOSED SOIL WITHIN THE PROJECT SHALL BE SEEDED PER THE REQUIREMENTS OF LAKE COUNTY.
14. DUST GENERATION MUST BE MINIMIZED AND A WATER TRUCK MUST BE AVAILABLE ON-SITE FOR ADEQUATE DUST CONTROL.

STRAW ROLLS

DRAINAGE PATTERNS

DISCHARGE POINT

S-1 SAMPLING LOCATION

CMS CONSTRUCTION MATERIALS STORAGE AREA

LEGEND:

1530	CONTOUR ELEVATION
	FENCE
	ASPHALT
	GRAVEL
	EARTH
	WATERCOURSE / SWALE
	EXISTING POWER POLE
	TREES
APN	ASSESSOR'S PARCEL NUMBER
APPROX	APPROXIMATELY
DWY	DRIVEWAY
(E)	EXISTING
(P)	PROPOSED
RD	ROAD
SF	SQUARE FEET
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NOTES:
1. CONTOUR INTERVAL IS 5'

(E) GROUNDWATER WELL
LAT: 39.1728
A LONG: -122.94968
BENEFICIAL USES: IRRIGATION & FIRE PROTECTION

B (P) 0.8 ACRE-34,848 SF CULTIVATION/CANOPY AREA

C (P) 1.1 ACRE-50,000 SF CULTIVATION/CANOPY AREA

D (P) 1 ADA AND 3 NORMAL PARKING SPACES (4 TOTAL

E (P) 10'x12' PESTICIDES & AGRICULTURE CHEMICALS STORAGE AREA. (WOODEN SHED)

F (E) 1-EXISTING 5,000 GALLON WATER STORAGE TANKS
(P) 3-NEW 5,000 GALLON WATER STORAGE TANKS

Revisions:

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE c
REDDING, CA. 96001
530-526-7493

PLANS PREPARED UNDER THE SUPERVISION OF:

REGISTERED PROFESSIONAL ENGINEER
JASON B. KING
No. 67800
EXP. 06/30/21
CIVIL
STATE OF CALIFORNIA

EROSION & SEDIMENT CONTROL PLAN
LAKE COUNTY - KELLY HUNTER

RS GREENERY, LLC.
6243 EICKHOFF ROAD
LAKEPORT, CA 95453
LAKE COUNTY APN#003-046-02

PLOTTED BY: ---
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SCALE OF DRAWING: SEE PLAN
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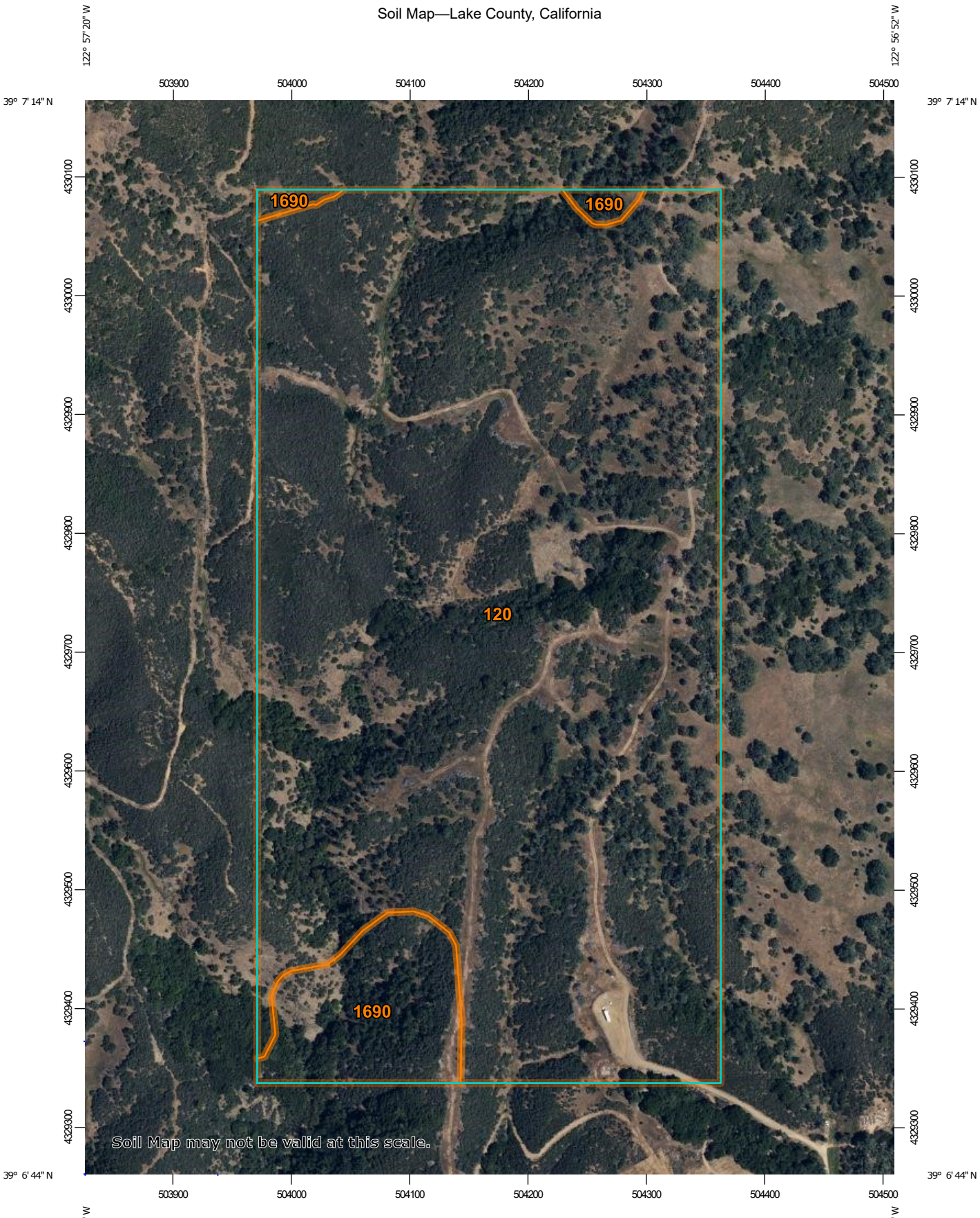

Map Scale: 1:4,410 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lake County, California
Survey Area Data: Version 17, Jun 1, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 8, 2019—May 10, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
120	Bressa-Millsholm loams, 15 to 30 percent slopes	67.7	92.6%
1690	Maymen-Etsel-Snook complex, 30 to 75 percent slopes, low ffd	5.4	7.4%
Totals for Area of Interest		**73.1**	**100.0%**

Central Valley Regional Water Quality Control Board

30 October 2020

WDID: 5S17CC429585

DISCHARGER
Kelly Hunter
PO Box 41
Lower Lake, CA 95457

LANDOWNER
Leah Bradle
PO Box 138
Santa Rosa, CA 95402

NOTICE OF APPLICABILITY, WATER QUALITY ORDER WQ-2019-0001-DWQ, KELLY HUNTER, APNs 003-046-020-000, 003-046-780-000, LAKE COUNTY

Kelly Hunter (hereafter "Discharger") submitted information through the State Water Resources Control Board's (State Water Board's) online portal on 27 October 2020, for discharges of waste associated with cannabis cultivation related activities. Based on the information provided, the Discharger self-certifies the cannabis cultivation activities are consistent with the requirements of the State Water Board *Cannabis Cultivation Policy-Principles and Guidelines for Cannabis Cultivation* (Policy), and the *General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities*, Order No. WQ-2019-0001-DWQ (General Order). This letter provides notice that the Policy and General Order are applicable to the site as described below. You are hereby assigned waste discharge identification (WDID) number **5S17CC429585**.

The Discharger is responsible for all applicable requirements in the Policy, General Order, and this Notice of Applicability (NOA), including submittal of all required reports. The Discharger is the sole person with legal authority to, among other things, change information submitted to obtain regulatory coverage under the General Order; request changes to enrollment status, including risk designation; and terminate regulatory coverage. The Central Valley Regional Water Quality Control Board (Central Valley Water Board) will hold the Discharger liable for any noncompliance with the Policy, General Order, and this NOA, including non-payment of annual fees.

Pursuant to the General Order and Policy, Leah Bradle (hereafter "Landowner") is ultimately responsible for any water quality degradation that occurs on or emanates from the property and for unauthorized water diversions. Accordingly, the Landowner, in addition to the Discharger, may be held responsible for correcting non-compliance.

1. FACILITY AND DISCHARGE DESCRIPTION

The information submitted by the Discharger states the disturbed area is equal to or greater than 1 acre (43,560 square feet), no portion of the disturbed area is within the setback requirements, no portion of the disturbed area is located on a slope greater than 30 percent, and the cannabis cultivation area is greater than 1 acre.

Based on the information submitted by the Discharger, the cannabis cultivation activities are classified as Tier 2, low risk.

2. SITE-SPECIFIC REQUIREMENTS

The Policy and General Order are available on the Internet at (http://www.waterboards.ca.gov/water_issues/programs/cannabis/). The Discharger shall ensure that all site operating personnel know, understand, and comply with the requirements contained in the Policy, General Order, this NOA, and the Monitoring and Reporting Program (MRP, Attachment B of the General Order). Note that the General Order contains standard provisions, general requirements, and prohibitions that apply to all cannabis cultivation activities.

The application requires the Discharger to self-certify that all applicable Best Practicable Treatment or Control (BPTC) measures are being implemented, or will be implemented by the onset of the winter period (November 15 - April 1), following the enrollment date.

3. TECHNICAL REPORT REQUIREMENTS

The following technical report(s) shall be submitted by the Discharger as described below:

1. A *Site Management Plan* must be submitted within 90 days of applying for enrollment in the General Order; this deadline falls on **25 January 2021**. For more information on the requirements to submit a *Site Management Plan*, see General Order Provision C.1.a, and Attachment A, Section 5. Attachment D of the General Order provides guidance on the contents of a *Site Management Plan*. For more information on the requirements to submit a *Site Management Plan*, see General Order Provision C.1.a, and Attachment A, Section 5. Attachment D of the General Order provides guidance on the contents of a *Site Management Plan*. Dischargers that cannot implement all applicable BPTC measures by the onset of the winter period, following their enrollment date, shall submit to the appropriate Central Valley Water Board a *Site Management Plan* that includes a time schedule and scope of work for use by the Central Valley Water Board in developing a compliance schedule as described in Attachment A of the General Order. You are not required to use a Qualified Professional for developing the *Site Management Plan*. However, you are required to submit the *Site Management Plan* to Central Valley Water Board staff for approval prior to any site development.

2. A *Nitrogen Management Plan* must be submitted within 90 days of applying for enrollment in the General Order; this deadline falls on **25 January 2021**, consistent with the requirements of General Order Provision C.1.d., and Attachment A, Section 5. Attachment D of the General Order provides guidance on the contents of the *Nitrogen Management Plan.*
3. *A Site Closure Report* must be submitted 90 days prior to permanently ending cannabis cultivation activities and seeking to rescind coverage under the Conditional Waiver. The *Site Closure Report* must be consistent with the requirements of General Order Provision C.1.e., and Attachment A, Section 5. Attachment D of the General Order provides guidance on the contents of the *Site Closure Report.*

4. MONITORING AND REPORTING PROGRAM

The Discharger shall comply with the Monitoring and Reporting Program (MRP). Attachment B of the General Order provides guidance on the contents for the annual reporting requirement. Annual reports shall be submitted to the Central Valley Water Board by March 1 following the year being monitored. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Central Valley Water Board's Executive Officer or the State Water Board's Chief Deputy Director, or Deputy Director.

5. ANNUAL FEE

According to the information submitted, the discharge is classified as Tier 2, low risk with the current annual fee assessed at $1000. The fee is due and payable on an annual basis until coverage under this General Order is formally rescinded. To rescind coverage, the Discharger must submit a Notice of Termination, including a *Site Closure Report* at least 90 days prior to termination of activities and include a final MRP report.

6. TERMINATION OF COVERAGE UNDER THE GENERAL ORDER & REGIONAL WATER BOARD CONTACT INFORMATION

Cannabis cultivators that propose to terminate coverage under the Conditional Waiver or General Order must submit a Notice of Termination (NOT). The NOT must include a *Site Closure Report* (see Technical Report Requirements above), and Dischargers enrolled under the General Order must also submit a final monitoring report. The Central Valley Water Board reserves the right to inspect the site before approving a NOT. Attachment C includes the NOT form and Attachment D of the General Order provides guidance on the contents of the *Site Closure Report.*

If the Discharger cannot comply with the General Order, or will be unable to implement an applicable BPTC measure contained in Attachment A by the onset of the winter period each year, the Discharger shall notify Central Valley Water Board staff by telephone at 530-224-4845 so that a site-specific compliance schedule can be developed.

All monitoring reports, submittals, discharge notifications, and questions regarding compliance and enforcement should be directed to centralvalleyredding@waterboards.ca.gov or 530-224-4845.

(for) Patrick Pulupa,
Executive Officer

JF: mp

cc via email: Kevin Porzio, State Water Resources Control Board, Sacramento
Mark Roberts, Lake County Planning Department, Lakeport

WATER USE

Intent: To conserve the County's water resources by minimizing the use of water.

a) Intent: To conserve the County's water resources by minimizing the use of water.
b) All permitted activities shall have a legal water source on the premises, and have all local, state, and federal permits required to utilize the water source. If the permitted activity utilizes a shared source of water from another site, such source shall be a legal source, have all local, state, and federal permit required to utilize the water source, and have a written agreement between the property owner of the site where the source is located and the permitted activity agreeing to the use of the water source and all terms and conditions of that use.
c) Permittees shall not engage in unlawful or unpermitted drawing of surface water.
d) The use of water provided by a public water supply, unlawful water diversions, transported by a water hauler, bottled water, a water-vending machine, or a retail water facility is prohibited.
e) Where a well is used, the well must be located on the premises, an adjacent parcel or piped through a dedicated easement. The production well shall have a meter to measure the amount of water pumped. The production wells shall have continuous water level monitors. The methodology of the monitoring program shall be described. A monitoring well of equal depth within the cone of influence of the production well may be substituted for the water level monitoring of the production well. The monitoring wells shall be constructed, and monitoring begun at least three months prior to the use of the supply well. An applicant shall maintain a record of all data collected and shall provide a report of the data collected to the County annually.
f) Water may be supplied by a licensed retail water supplier, as defined in Section 13575 of the Water Code, on an emergency basis. The application shall notify the Department within 7 days of the emergency and provide the following information:
    a. A description of the emergency.
    b. Identification of the retail water supplier including license number.
    c. The volume of water supplied.
    d. Actions taken to prevent the emergency in the future.
g) All permittees shall prepare a Water Use/water availability analysis prepared by qualified individual Said plan shall:
    a. Identify the source of water, including location, capacity, and documentation that it is a legal source.
    b. Describe the proposed irrigation system and methodology.
    c. Describe the amount of water projected to be used on a monthly basis for irrigation and separately for all other uses of water and the amount of water to be withdrawn from each source of water on a monthly basis.

Water Use Management Plan

Purpose and Overview

RS Greenery, LLC (RSG) is seeking a Major Use Permit and an Early Activation of Use Permit from the County of Lake, for a proposed commercial cannabis cultivation operation at 6233 Eickhoff Road near Lakeport, CA on Lake County APN 003-046-02 (Project Parcel). RSG's proposed cannabis cultivation operation will be composed of two (2) A-Type 3 "Medium Outdoor" cultivation/canopy areas totaling 84,848 ft^2, a 120 ft^2 Pesticides and Agricultural Chemicals Storage Area (proposed wooden shed), a 120 ft^2 Security Center (proposed wooden shed), and two 160 ft^2 Harvest Storage Areas (proposed 20-foot metal shipping container). The proposed outdoor cultivation/canopy area will be composed of an above grade imported organic soil mixture in 200-gallon round fabric pots, with drip and micro-spray irrigation systems, surrounded by a 6-foot tall galvanized woven wire fence.

This Water Use Management Plan is designed to conserve Lake County's water resources and to ensure that the proposed cultivation operation's water use practices are in compliance with applicable County, State, and Federal regulations at all times. This Water Use Management Plan focuses on designing a water efficient delivery system and irrigation practices, and the appropriate and accurate monitoring and reporting of water use practices.

Description of Water Resources

The Project Property is located in the Middle Scotts Creek Watershed (HUC 12), and ~1.5 miles north of the Scotts Valley Groundwater Basin/Management Plan Area. An unnamed intermittent Class II watercourse flows from north to south through the Project Property. Five unnamed ephemeral Class III watercourses form on the Project Property and flow into the unnamed intermittent Class II watercourse.

The Project Property is not located within any of the Groundwater Management Plan Areas/Basins outlined in the 2006 Lake County Groundwater Management Plan. A groundwater well was drilled on the Project Property in August of 2018, through "brown rocky soil", shale, and sandstone, to a depth of 140 feet below ground surface (please see attached Well Completion Report). The groundwater well had an estimated yield of 50 gallons per minute at the time it was drilled. A recent pump test of the groundwater well concluded that it can produce at least 15.5 gallons per minute.

Water Source

All water for the proposed cultivation operation will come from the existing onsite groundwater well located at Latitude 39.1728° and Longitude -122.94968°.

Water Resources Protection

RSG will maintain existing, naturally occurring, riparian vegetative cover (e.g., trees, shrubs, and grasses) in aquatic habitat areas to the maximum extent possible to maintain riparian areas for streambank stabilization, erosion control, stream shading and temperature control, sediment and chemical filtration, aquatic life support, wildlife support, and to minimize waste discharges. Access roads and parking areas are/will be graveled to prevent the generation of fugitive dust, and vegetative ground cover will be preserved and/or re-established as soon as possible throughout the entire site to filter and infiltrate stormwater runoff from the access roads, parking areas, and the proposed cultivation operation.

Throughout the cultivation season, portable toilets and handwashing stations will be established adjacent to the proposed cultivation areas and at least 100 feet from any surface water body. The portable toilets and handwashing facilities will be serviced regularly, and personnel will have access to them whenever they are onsite. The Project Property has been enrolled for coverage under and maintained compliance with the State Water Resources Control Board's Cannabis General Order since October 30th, 2020, and RSG will continue to comply with all requirements of the Cannabis General Order to protect water resources.

Irrigation

From the CalCannabis Cultivation Licensing Program's Final Programmatic Environmental Impact Report (PEIR):

"According to Hammon et al. (2015), water use requirements for outdoor cannabis production (25-35 inches per year) are generally in line with water use for other agricultural crops, such as corn (20-25 inches per year), alfalfa (30-40 inches per year), tomatoes (15-25 inches per year), peaches (30-40 inches per year), and hops (20-30 inches per year). In a study of cannabis cultivation in Humboldt County, approximate water use for an outdoor cultivation site was 27,470 gallons (0.08 acre-feet) per year on average and ranged from approximately 1,220 to 462,000 gallons per year (0.004 to 1.4 acre-feet), with the size of the operation being a major factor in this range. Annual water uses for a greenhouse operation averaged approximately 52,300 gallons (0.16 acre-feet) and ranged from approximately 610 to 586,000 gallons (0.002 to 1.8 acre-feet) annually (Butsic and Brenner 2016). During a field visit conducted by technical staff to an outdoor cultivation site, one cultivator reported using approximately 75,000 gallons (0.23 acre-feet) for 1 year's entire cannabis crop (approximately 66 plants), or approximately 1,140 gallons per plant per year."

RSG's proposed cultivation practices are most similar to commercial tomato or hops production, with an estimated water use requirement of up to 25 inches per year. RSG's total proposed cannabis canopy area is 84,848 ft^2, with an expected total annual water use requirement of up to 4.1 acre-feet or 1,336,000 gallons. The cultivation season for the proposed outdoor cannabis cultivation operation begins in May and ends in November of each year. The following table presents the expected water use of the proposed cultivation operation by month during the cultivation season in gallons and acre-feet.

May	June	July	Aug	Sept	Oct	Nov
97,760	162,930	228,100	260,680	260,680	260,680	65,170
0.3	0.5	0.7	0.8	0.8	0.8	0.2

RSG will install four 5,000-gallon heavy-duty plastic water storage tanks on the Project Property to provide additional stored water for irrigation purposes/uses. One of the 5,000-gallon heavy-duty plastic water storage tanks will be equipped with 2 ½" brass male fire connects and a pressure gauge for emergency fire use. RSG may develop additional water storage on the Project Property should it be needed to support the irrigation and fire suppression needs of the proposed cultivation operation. The water storage tanks will be equipped with float valves to shut off the flow water from the well and prevent the overflow and runoff of irrigation water when full. HDPE water supply lines will feed irrigation water from the water storage tanks to the irrigation systems of the proposed cultivation areas. The water supply lines will be equipped with safety valves, capable of shutting off the flow of water so that waste of water and runoff is prevented/minimized when leaks occur and the system needs repair, and inline water meters compliant with California Code of Regulations, Title 23, Division 3, Chapter 2.7. RSG will maintain daily water meter readings records for a minimum of five years, and will make those records available to Water Boards, CDFW, and Lake County staff upon request. The irrigation systems of the proposed cultivation areas will be composed of PVC piping, black poly tubing, and drip tapes/lines.

Water Availability Analysis

Water will be provided to the proposed cultivation operation from an existing onsite groundwater well located at Latitude 39.1728° and Longitude -122.94968°. A pump test of the groundwater well, conducted on December 18th, 2020, concluded that it can produce at least 15.5 gallons per minute. RSG's peak anticipated daily demand for water is ~8,690 gallons per day, which equates to a need for their well to produce approximately 6 gallons per minute over a 24-hour period. There is no doubt that the existing onsite groundwater well, with the four proposed 5,000-gallon water storage tanks, will be able to supply enough water for the proposed cultivation operation on the hottest driest days in the latest part of the summer when irrigation water is needed most.

Water Conservation

Per the Water Conservation and Use requirements outlined in the SWRCB's Cannabis General Order, RSG will implement the following Best Practical Treatment and Control (BPTC) measures to conserve water resources:

- Regularly inspect the entire water delivery system for leaks and immediately repair any leaky faucets, pipes, connectors, or other leaks.
- Apply weed-free mulch in cultivation areas that do not have ground cover to conserve soil moisture and minimize evaporative loss.
- Implement water conserving irrigation methods (drip or trickle and micro-spray irrigation).
- Maintain daily records of all water used for irrigation of cannabis. Daily records will be calculated by using a measuring device (inline water meter) installed on the main irrigation supply line between the water storage area and cultivation area(s).

Monitoring and Reporting

A NSF/ANSI 61 compliant positive displacement mechanical brass totalizing meter, and a Well Watch 670 sonic water level meter equipped with data logging capabilities, have been installed on the existing onsite groundwater well. Inline water meters compliant with California Code of Regulations, Title 23, Division 3, Chapter 2.7 will be installed on the main water supply lines running between the groundwater well and the proposed water storage. RSG's staff will record daily water meter readings, and will maintain those records onsite for a minimum of five years. RSG will make those records available to Water Boards, CDFW, and Lake County staff upon request.

File Original with DWR

State of California

Well Completion Report

Page 1 of 1

Owner's Well Number Well #1

No. e0371091

Date Work Began 08/22/2018 Date Work Ended 8/27/2018

Local Permit Agency Lake County Environmental Health Division

Permit Number WE-5048 Permit Date 6/6/18

Click to Get a New Log Number

Geologic Log

Orientation (•) Vertical ( ) Horizontal ( ) Angle Specify

Drilling Method Air Drilling Drilling Fluid

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	82	Brown rocky soil
82	106	Black shale and sandstone
106	140	Shale

Total Depth of Boring 140 Feet

Total Depth of Completed Well 120 Feet

Well Owner

Name Leah Bradle

Mailing Address P.O. Box 138

City Santa Rosa State Ca Zip 95402

Well Location

Address 6243 Eickhoff Road

City Lakeport County Lake

Latitude 39 Deg. 7 Min. 3 Sec. N Longitude 122 Deg. 56 Min. 59 Sec. W

Datum Decimal Lat. Decimal Long.

APN Book 003 Page 046 Parcel 02

Township 15N Range 10W Section 27

Location Sketch

(Sketch must be drawn by hand after form is printed.)

North

West East

South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

(•) New Well

( ) Modification/Repair

( ) Deepen

( ) Other

( ) Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

(•) Water Supply

[x] Domestic [ ] Public

[x] Irrigation [ ] Industrial

( ) Cathodic Protection

( ) Dewatering

( ) Heat Exchange

( ) Injection

( ) Monitoring

( ) Remediation

( ) Sparging

( ) Test Well

( ) Vapor Extraction

( ) Other

Water Level and Yield of Completed Well

Depth to first water 87 (Feet below surface)

Depth to Static Water Level 60 (Feet) Date Measured 08/27/2018

Estimated Yield * 50 (GPM) Test Type Air Lift

Test Length 2.0 (Hours) Total Drawdown 120 (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
0	20	11						
20	140	8						
2 +	80		Blank	PVC Sch. 40	SDR21	5		
80	120		Screen	PVC Sch. 40	SDR21	5	Milled Slots	0.032

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	25	Bentonite	
25	120	Filter Pack	3/8 Pea Gravel
120	140	Fill	Native

Attachments

[ ] Geologic Log

[ ] Well Construction Diagram

[ ] Geophysical Log(s)

[ ] Soil/Water Chemical Analyses

[x] Other Site Map

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Weeks Drilling & Pump Company (Person, Firm or Corporation)

P.O. Box 176 (Address) Sebastopol (City) CA (State) 95473 (Zip)

Signed (C-57 Licensed Water Well Contractor) 10/17/18 (Date Signed) 177681 (C-57 License Number)

DWR 188 REV. 1/2006

Reset Form

JAK Drilling & Pump

Well Drilling Pumps Water Treatment

Hole to Home

WELL PERFORMANCE TEST REPORT

Client Name: Kelly Hunter
Property Location: 6243 Eickhoff Road, Lakeport, CA
Parcel Number: 003-046-02
Number of Wells Evaluated: One
Well Performance Test Completion Date: December 18, 2020
Water Samples Collected: No
Pump Technician: Jim Jackson

Location Description: (approximately) 39.11750, -122.949722
Total Depth: 120-feet below top of casing
Depth to Static Water Level: 90.0-feet below the top of casing
Diameter of well: 5-inches
Casing type: PVC
Test Duration: 6-hours
Test Type: Pump
Pumping Rate: 15.5 Gallons Per Minute (GPM)

Observations: The well is located on the east side of the unpaved access road through the property (see attached Well Location Map). The existing submersible pump, a 1-horse 10-GPMP Flowtech brand powered with a generator, appears to be operational.

Well Performance Pump Test:
The six-hour pump test was conducted on December 18 2020, using the existing submersible pump set in accordance with industry standards. The static water level within the well was measured prior to the start of the test. Once the performance test began, the depth-to-water or pumping level was measured manually with a Powers Water Meter in the well every five minutes during the first half hour of the test and then every 10-minutes for the next hour of the test. The measurement interval was then increased to every 30-minutes for the remainder of the six-hour test. The pumping rate was measured by timing the flow through a newly installed totalizing flow meter. The pumping rate was measured at the same intervals as the pumping level. Both the depth-to-water/pumping level and pumping rate measurements are summarized in the attached table.

The static water level was measured at 90.0-feet below the top of casing at the start of the performance test. The pumping level slowly decreased over the course of the test, for example the maximum drawdown of 1.17-feet was observed after 3.5-hours of the test at 91.17-feet below the top of casing. The pumping level remained at 91.17-feet below the top of casing for the duration of the test. The pumping rate, measured by timing the flow through the totalizing

flow meter, measured at 15.5-GPM and remained constant for the duration of the test. After six hours of pumping, the well produced 5,818-gallons which averages out to a pumping rate of 16.166-GPM. The well pump was shut off and the well was then allowed to rest and recharge. The depth-to-water was measured in the well after 10-minutes at 90.92-feet and then again in the well after 30-minutes at 90.67 indicating a recharge rate of approximately 43%. Based on this recharge rate, the well would be fully recharged in less than 24-hours.

Continuous Compliance Monitoring: Prior to the start of the well performance test, JAK installed a new totalizing flow meter that measures the total amount of water produced from the well through positive displacement. JAK also installed a datalogging sonic depth sounding meter called a Well Watch™670 at the well head. When powered, the Well Watch™670 measures the water level within the well utilizing low frequency sound waves and the depth to water is measured continuously while the internal datalogger logs/records the measurement every minute.

Water Quality: During the course of the performance test, JAK collected a water sample for the purpose of a field quality test with the following results:

Parameter	Concentration	Discussion
Hardness	12-Grains per gallon	Moderately hard, a softener is recommended when the hardness is greater than 7-gpg
Iron (ferrous)	2-part per million	EPA suggests a concentration of less than 0.3ppm for public drinking water system, higher concentrations can cause rust staining over time
pH	7.4	A pH of 7.0 is considered neutral
Total Dissolved Solids	348-part per million	Less than 500-ppm is acceptable, the higher the concentration the harder the water typically

Disclaimer:
Observations made of the well(s) are strictly limited to the date and time that the test(s) was conducted and are in no way a guarantee of future conditions, including but not limited to the quantity and/or quality of the water produced by this well.

Please feel free to contact our office if there are any questions regarding the well test and/or well test report.

Sincerely,

Jessica Moreno
JAK Drilling & Pump

Attachments:
Well Location Map
Table 1: Well Performance Test Data

WELL LOCATION MAP

6243 Eickhoff Road

Lakeport, CA

TABLE 1
WELL PERFORMANCE TEST DATA
6243 Eickhoff Road, Lakeport, CA
December 18, 2020

Time	Gallons Per Minute	Depth to Water In Feet Below Top of Casing
10:25	Static	90.00
10:30	15.50	90.17
10:35	15.50	90.17
10:40	15.50	90.17
10:45	15.50	90.25
10:50	15.50	90.25
10:55	15.50	90.25
11:05	15.50	90.25
11:15	15.50	90.33
11:25	15.50	90.33
11:35	15.50	90.33
11:45	15.50	90.33
11:55	15.50	90.42
12:25	15.50	90.67
12:55	15.50	90.83
13:25	15.50	91.00
13:55	15.50	91.00
14:25	15.50	91.17
14:55	15.50	91.17
15:25	15.50	91.17
15:55	15.50	91.17
16:25	15.50	91.17
16:35	RECHARGE	90.92
17:05	RECHARGE	90.67

Flow rate measured by timing flow through totalizing flow meter.
Flow rate measured by timing flow into a volume confirmed 5-gallon bucket.