



# OPERATIONS PLAN (INDOOR CULTIVATION) FOR: APN: 308-081-020 3003 TABLE BLUFF RD. LOLETA, CA

Applicant: MATT ALLEN

**Prepared by:**

Adram Darwish  
Darwish Building & Consulting  
PO BOX 7 Fortuna, CA 95540  
adram.darwish@gmail.com  
707-599-0082

## TABLE OF CONTENTS

Eligibility: Project SCOPE OF ACTIVITIES AND PERMITS REQUESTED .....	2
1.1 Project Location and Property Description/ Zoning .....	2
1.2 Setbacks of Cultivation Area .....	2
1.3 Project Access and Sensitive Receptors.....	2
1.4 Property Slope and Grading.....	2
1.5 Existing Structures.....	3
1.6 Plan for Adaptive Reuse of Site.....	4
1.7 Parking Plan.....	5
1.8 Energy Plan.....	5
1.9 Security Plan.....	5
1.10 Sewage Disposal Plan.....	5
1.11 Soils Management .....	5
1.12 Noise Mitigation Plan.....	6
Indoor Cultivation and Operations Plan .....	6
2.1 Water Source, Storage, Irrigation, and Estimated Use .....	6
2.2 Wastewater and SWRCB Compliance Measures .....	7
2.3 Stormwater Management.....	8
2.4 Invasive Species Control Plan.....	9
2.5 Materials Management .....	9
2.6 Hazardous Waste Statement/ Site Assessment.....	9
2.7 Harvesting/ Drying / Processing Plan.....	9
2.8 Light/Smell Pollution Control Plan .....	9
2.9 Employee Plan.....	10
3.0 Schedule of Operations.....	10

## ELIGIBILITY: PROJECT SCOPE OF ACTIVITIES AND PERMITS REQUESTED

The applicant is seeking a Zoning Clearance Certificate, and a Coastal Development Permit for the following Cannabis Activity.

1. Indoor cultivation of **1,000 sq-ft total**. Proposed project consists of 840 square-feet flower production area, and 160 sq-ft of ancillary nursery space.

### 1.1 Project Location and Property Description/ Zoning

Project is located at 3003 Table Bluff Rd. Loleta, CA.

Property zoning is classified as AEG.

### 1.2 Setbacks of Cultivation Area

Cultivation and cultivation activities will be set back at minimum,

- 30.5' from nearest property boundary.

- 358' from nearest separately owned residence.

\* See attached setback map.

### 1.3 Project Access and Sensitive Receptors

The project will be accessed from Table bluff road.

There are no schools, school bus stops, state parks, places of worship or impacted Tribal Cultural Resources within 600 feet of the project site.

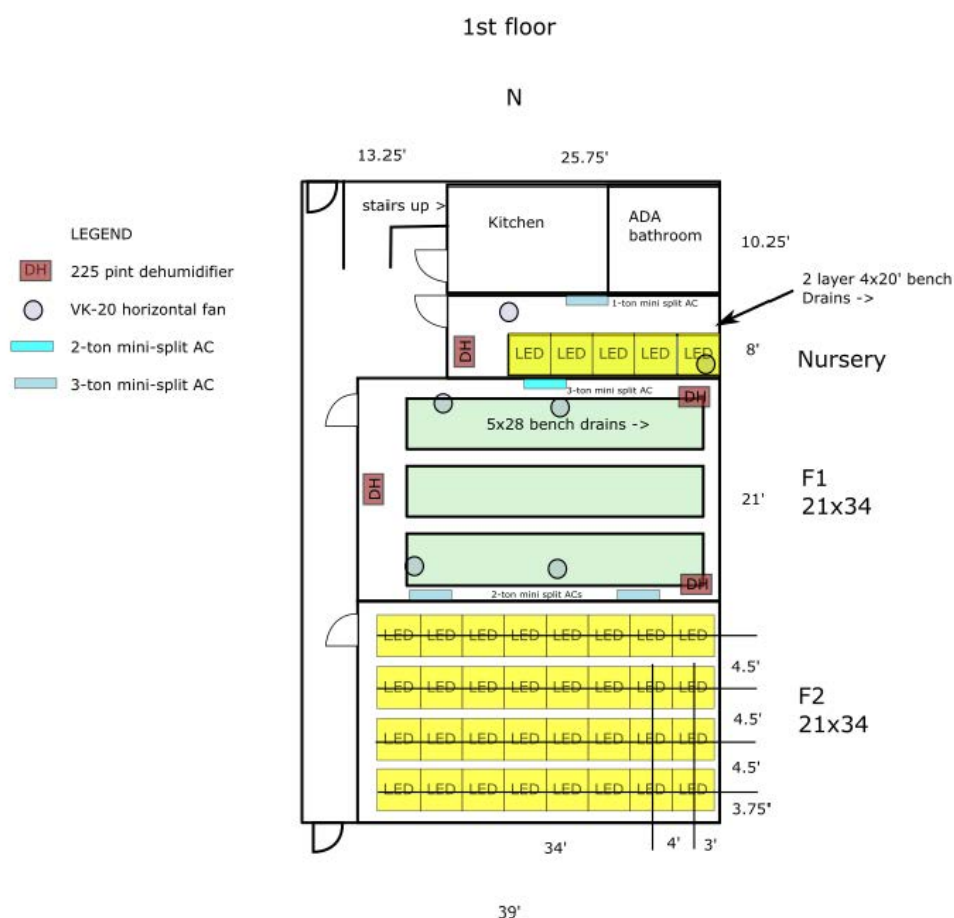
### 1.4 Property Slope and Grading

The subject property is situated within an area of gently sloping terrain. All proposed cultivation and cannabis activity is located within the existing permitted structure. Access road and driveway do not exceed 3% slope. There is no proposed grading for this project.

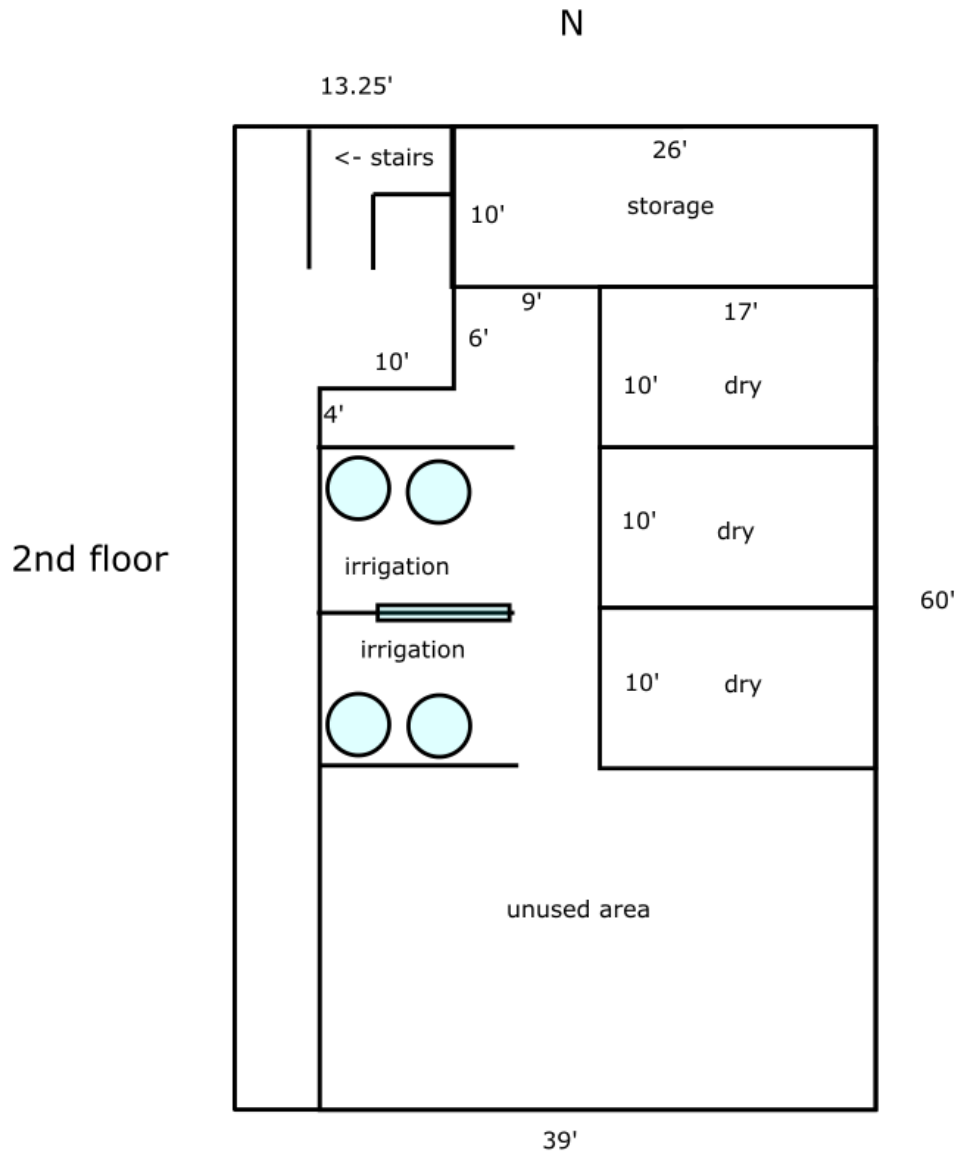
## 1.5 Existing Structures

There are three significant existing structures on the property described as follows. One house, owner occupied and unrelated to cultivation activities. The second is the ag-permitted horse barn, currently utilized for farm tools and equipment. Also, not used for cannabis related activities.

The third structure (40'x60') has been previously permitted for commercial use and will be utilized for the proposed project. The building was previously used as a public event space.



**Figure 1: Commercial building, first floor layout.**



**Figure 2: Commercial building, second floor layout.**

## 1.6 Plan for Adaptive Reuse of Site

The proposed activities will incorporate the footprint of the existing structure. No substantial changes are proposed for the existing onsite structure. All proposed activities will utilize either existing spaces or will add partition walls within to segment spaces.

## 1.7 Parking Plan

There is one established paved handicap parking space. Additional parking will be in front on the building next to the handicap space.

## 1.8 Energy Plan

Electrical power is provided by PG&E, and by the permitted grid-tied 10.2kW PV array on the structure. Applicant will utilize a renewable energy plan for 100% of power utilized that is required beyond site generated power. The commercial structure has an **existing 200-amp, 1-ph electrical service that will not require changes or upgrades from PG&E.**

## 1.9 Security Plan

Access to the property will be restricted by use of existing of locking gates at the driveway. The perimeter of the property is security fenced. Access to the proposed cannabis facility will be restricted by locking doors, only accessible with keys provided to authorized personnel. Motion activated cameras and alarm system will monitor and record activities in all secured areas and entry and exit of vehicles and persons. Within the Commercial Building there will be an adequately sized secure storage room that will accommodate all dried cannabis material. Protocols will be implemented to ensure that cannabis is removed from the facility by a licensed party (transporter/ distributor) in a timely manner.

## 1.10 Sewage Disposal Plan

Sewage will be stored and processed in the existing septic system. The building has a permit for a dedicated wastewater treatment system. In accordance with HumCo Department of Environmental Health requirements, applicant will maintain inspections and regular servicing of the wastewater treatment system.

## 1.11 Soils Management

There will be no soil used in conjunction with the proposed activities.

## 1.12 Noise Mitigation Plan

Noise emanating from proposed activities will result in noise levels equaling less than 3 dB from all property line locations. There is no proposed generator use or other substantial noise generating activities proposed.

## INDOOR CULTIVATION AND OPERATIONS PLAN

Applicant seeks to cultivate 1,000 square feet of commercial cannabis. The project will include approximately 160 sq-ft onsite nursery space, and two (2) flowering rooms that together will contain six (6) hydroponics tables which measure 5' x 28' each.

The project will utilize high-efficiency LED lighting and soilless hydroponic media.

## 2.1 Water Source, Storage, Irrigation, and Estimated Use

Irrigation supply will be provided for by use of 100% rainwater catchment and storage. Local historical records indicate that Loleta receives between 40-50 inches of precipitation annually (<https://water.weather.gov/precip/#>). The commercial building that the project is located within has a total footprint of 2,400 square-feet and its rooftop can collect up to 59,000 gallons annually.

The proposed cultivation operation will require approximately .05 gallons/square-ft/ day of area cultivated, or approximately **50-gallons irrigation water per day (18,250 gallons/year)**. The proposed operation will operate year-round with lighting and climate-controlled space. Water use will be consistent month to month.

Drip irrigation systems will provide added efficiency and reduced water usage. Water will be used at agronomic rates and irrigation runoff will not exceed 1-3%. All runoffs will be captured and stored for treatment/ reuse and hauled by licensed wastewater handler.

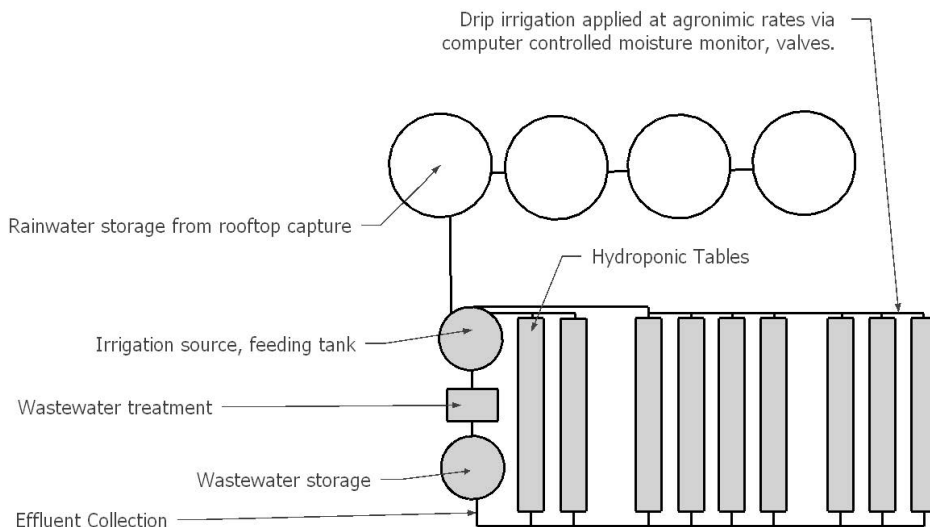
The applicant for this project **proposes to install four (4) ea., 5,000-gallon rainwater storage water tanks** that will be connected to the existing gutter system. The resulting rainwater catchment system will have,

20,000 gallons, or 110% required storage capacity and will be filled annually even if annual precipitation falls to 30% of historical levels.

## 2.2 Wastewater and SWRCB Compliance Measures

According to the document titled, “Principles and Guidelines for Cannabis Cultivation”, 2019 released by the SWRCB, the proposed project is considered low risk for causing water quality degradation. Upon approval for the proposed activities applicant will enroll with SWRCB as required under the General Order and will likely qualify for exempt status due to the permanent roof system and the non-permeable interior floor of the growing and use spaces.

It is understood that the existing permitted wastewater treatment system is not designed for use or disposal of irrigation effluent waste. Due to the reduced scale of the project 100% recycling is cost prohibitive. We will be able to process wastewater with a 2:1 (wastewater: clean water) efficiency.



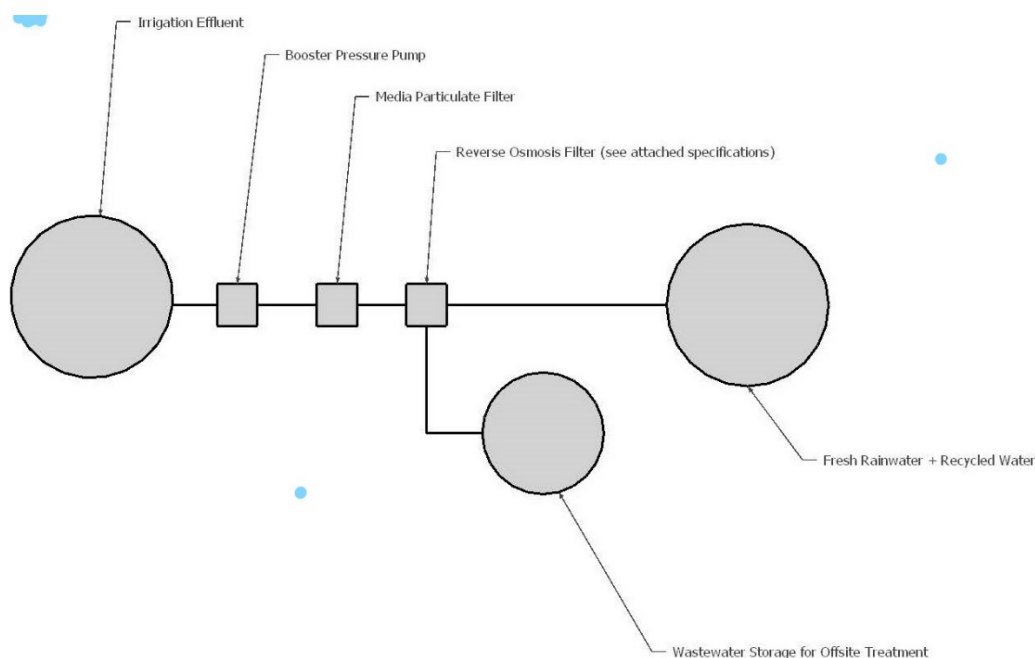
**Figure 3: Line diagram for proposed plumbing. \*Not to scale.**

The proposed project will utilize drip irrigation. Irrigation water will be administered by use of computer-controlled valves. Moisture levels sensors will signal the valving system to deliver water at agronomic rates. Effluent will be between 1-3% and will result in daily volume of less than 3 gallons. The effluent will



be filtered and then recycled back into the input feeding tank. A reduced and concentrated volume of wastewater will be stored and hauled for offsite treatment (see figure 2). All wastewater produced from cultivation activities will be included within the stored and hauled tank. Including wastewater produced from cleaning or otherwise.

The irrigation effluent will be pressurized, media filtered, reverse osmosis treated (<https://www.hydrologicsystems.com/collections/reverse-osmosis/products/stealth-ro-300>) , and recycled/ stored for hauling.



**Figure 4: Detailed View of Wastewater Treatment System**

We anticipate a maximum of 2 gallons of ‘too-cost-prohibitive-to-process’ wastewater per day. We will utilize a 500-gallon holding tank to store wastewater to be hauled monthly by a local company (Steve’s Septic, McKinleyville CA).

## 2.3 Stormwater Management

The project will utilize an existing structure. No modifications are proposed that will result in net additions to the existing stormwater system. The subject property downhill from the existing structure has an average slope of 1-3% and is entirely well-draining.

## **2.4 Invasive Species Control Plan**

Applicants will follow all rules and standards that are regulated by the California Department of Pesticide Regulations. An Integrated Pest Management Plan has been established and will account for the various substances and practices utilized for pest management.

## **2.5 Materials Management**

All fertilizers and pesticides will be stored and labeled in secured cabinets located in the building. Any potentially hazardous substances will be labeled and stored as required by OSHA regulations. Applicants will follow guidelines set forth by State of California Agricultural Department Personnel Pesticide Application License. Hazard Communication and all SDS (Safety Data Sheets) will be maintained and kept onsite. HumCo Department of Health and Human Services worksheet is attached to the application packet.

## **2.6 Hazardous Waste Statement/ Site Assessment**

Garbage will be collected daily and removed from the site weekly by garbage service. Cannabis refuse will be sequestered and composted until unrecognizable, or removed by an authorized service, as required by State Cannabis Regulations. Recyclables will be separated from non-recyclables and disposed of appropriately. All refuse will be stored in covered water and pest resistant containers located and inside the building.

## **2.7 Harvesting/ Drying / Processing Plan**

Harvested plants will be cut at the base and will switch place with plants in the nursery room. Cut plants will be inverted and hung on drying racks. The nursery/drying room will be equipped with dehumidifiers and fans to reduce the occurrence of molds and assist with the drying process. After plants are dried, the stems will be removed and the dried flower will be transferred to a licensed processing facility to be trimmed, weighed, and packaged for sale.

## **2.8 Light/Smell Pollution Control Plan**

Any light produced from cultivation will be contained within the building. Any security lighting will be shielded and aimed so that no direct light is diverted onto neighboring properties.

Odor will be treated inside the building by use of carbon filters and air recycling. No significant cannabis odor will be detectable from the street or neighboring properties.

## 2.9 Employee Plan

The cultivation operation will be staffed by one (1) manager and (1) gardener. The manager will oversee the facility, provide training, and coordinate cultivation related operations. The gardener will be responsible for watering, trellising, transplanting, and harvesting. All employees will be required to read the Operations Manual and the Facility Standard Operating Procedures.

All employees will be trained for proper safety procedures and will be informed of the Emergency Procedures Plan. Contact information for: 911, Fortuna FIRE, CAL FIRE, Humboldt County Sheriff, and Poison Control will be posted in a conspicuous place. Additionally, phone numbers for facility management will be posted for emergency contact.

## 3.0 Schedule of Operations

The proposed operation will operate annually. There will be harvests scheduled every four-five weeks, followed by immediate cleaning and transplanting of the harvested space.

(End of document)



## State Water Resources Control Board

Sent by email. No hard copy to follow.

Effective Date: 10/28/2021

WDID: 1\_12CC437152

Allen, Matt  
Attn: Matt Allen  
Email: mattallen707@gmail.com

**FACILITY ADDRESS:**  
3003 Table Bluff Road  
Loleta CA, 95551  
Humboldt County

### NOTICE OF APPLICABILITY – CONDITIONAL WAIVER OF WASTE DISCHARGE REQUIREMENTS, WATER QUALITY ORDER WQ 2019-0001-DWQ

This Notice of Applicability (NOA) provides notice that the requirements of the State Water Resources Control Board (State Water Board) *Cannabis Cultivation Policy- Principles and Guidelines for Cannabis Cultivation* (Policy), and Order WQ 2019-0001-DWQ (General Order), are applicable to the site as described below.

**DISCHARGER:** ALLEN, MATT

<b>WDID:</b> 1_12CC437152	<b>ORDER:</b> WQ 2019-0001-DWQ
<b>Enrollment – Type</b>	Enrollee - Waiver
<b>Tier and Risk</b>	Not Applicable
<b>Wastewater Disposal</b>	Waste Hauler
<b>Disturbed Area (SqFt)</b>	Not Applicable
<b>Cultivation Area (SqFt)</b>	Not Applicable

**FACILITY APNs:**

308-081-020-000

Additional site-specific requirements are contained in this NOA. The Discharger is responsible for all the applicable requirements in the Policy, General Order, and this NOA.

If you have any further question, please contact North Coast Regional Cannabis Unit at [northcoast.cannabis@waterboards.ca.gov](mailto:northcoast.cannabis@waterboards.ca.gov).

### APPROVED BY

Karen Mogus  
Deputy Director  
Division of Water Quality

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

1001 I Street, Sacramento, CA 95814 | Mailing Address: P.O. Box 100, Sacramento, CA 95812-0100 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

The *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 WQ 2019-0001-DWQ (General Order) are available at <<http://www.waterboards.ca.gov/cannabis>>. The Discharger shall ensure that all site operating personnel know, understand, and comply with the requirements contained in the Policy, General Order, and this Notice of Applicability (NOA). Note that the General Order contains standard provisions, general requirements, and prohibitions that apply to all cannabis cultivation activities (Attachment A of the General Order).

Please direct submittals, discharge notifications, and questions regarding compliance and enforcement to the North Coast Regional Cannabis Unit, at (707) 576-2676 or [northcoast.cannabis@waterboards.ca.gov](mailto:northcoast.cannabis@waterboards.ca.gov) unless otherwise directed in this document.

## CONTENTS:

1. **ENROLLMENT RESPONSIBILITIES**
2. **FACILITY AND DISCHARGE DESCRIPTION**
3. **PROJECTS AND MAINTANCE OCCURING IN STREAMS AND WETLANDS**
4. **GENERAL REQUIREMENTS**
5. **TECHNICAL REPORT REQUIREMENTS**
6. **MONITORING AND REPORTING PROGRAM**
7. **ANNUAL FEE**
8. **TERMINATION OF COVERAGE UNDER THE GENERAL ORDER**
9. **REGION SPECIFIC REQUIREMENTS**

## Additional Cannabis Water Quality Resources

*The links below are available on the last page of this document*

<a href="#">Water Boards' Cannabis Cultivation Webpage</a>	<a href="#">Water Quality Fees Webpage</a>
<a href="#">Cannabis Policy</a>	<a href="#">Water Quality Annual Fee Invoice Lookup</a>
<a href="#">Cannabis General Order</a>	<a href="#">Facility-At-A-Glance Report</a>
<a href="#">Rural Roads Handbook</a>	<a href="#">Cultivation Permitting Agency Webinar</a>

**For translation assistance, please contact the following:**

**Spanish:** Para obtener más información en español por favor contáctenos al teléfono (916) 341-5265 o vía email a: [OPP-LanguageServices@Waterboards.ca.gov](mailto:OPP-LanguageServices@Waterboards.ca.gov).

**Hmong:** Rau kev npaub ntxiv ua lus Hmoob, thov txuas lus nrog peb ntawm xov tooj (916)-341-5265 los sis email: [OPP-LanguageServices@Waterboards.ca.gov](mailto:OPP-LanguageServices@Waterboards.ca.gov).

## **1. ENROLLMENT RESPONSIBILITIES**

Allen, Matt (hereafter “Discharger”) submitted information, or updated enrollment information, for discharges of waste associated with cannabis cultivation at or near 3003 Table Bluff Road Loleta CA, 95551. The Discharger’s cannabis cultivation activities are in compliance, will be in compliance with, or the Discharger will contact the Regional Board if they cannot be in compliance with the requirements of the State Water Board’s Policy and General Order before the winter period. You are hereby assigned waste discharger identification (WDID) number 1\_12CC437152.

The Discharger is responsible for all applicable requirements in the Policy, General Order, and this 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 tier and risk designation; and terminate regulatory coverage. The Discharger may designate a third-party representative/agent to represent them in issues related to the General Order but must do so in writing. The Regional Water Quality Control Board (Regional Water Board) or the State Water Board (collectively Water Boards) will hold the Discharger liable for any noncompliance with the Policy, General Order, or this NOA. Pursuant to the General Order, if the Discharger is not the landowner, the Discharger must have express written permission of the landowner authorizing the cannabis cultivation activities. If the landowner contests this NOA and the Discharger cannot obtain consent, the Discharger will be required to submit a request for termination of coverage under the General Order, as described in Section 5 below.

This NOA does not provide authorization to cultivate cannabis; such authorization is provided through a license from the California Department of Cannabis Control, required permits from your local jurisdiction (city or county), and an agreement or exemption from agreement from the California Department of Fish and Wildlife. The Policy and General Order, and by reference this NOA, require that you obtain all appropriate permits from other agencies prior to cultivating cannabis.

## **2. FACILITY AND DISCHARGE DESCRIPTION**

The information submitted by the Discharger indicates that the cannabis cultivation activities:

1. occur within a structure with
  - a. a permanent roof and
  - b. permanent, relatively impermeable floor (e.g., concrete or asphalt paved)
2. comply with all applicable requirements in Attachment A of the Policy and General Order
3. all irrigation tailwater, hydroponic or industrial wastewaters, or other miscellaneous industrial wastewaters are discharged to an appropriate collection tank
4. the wastewater in the collection tank is regularly collected by an authorized waste hauler that disposes of the wastewater to a community sewer system in compliance with sewer system requirements

Therefore, the cultivation activities are appropriately regulated by the General Order’s waiver of waste discharge requirements.

If site conditions described above change, you must contact the North Coast Regional Cannabis Unit listed at the top of page 2.

## **3. PROJECTS AND MAINTANCE OCCURING IN STREAMS AND WETLANDS**

The Policy and General Order require that, prior to conducting any work in streams or wetlands, the

Discharger obtain water quality certification from the Water Boards and other required permits from other agencies (e.g., a Clean Water Act section 404 permit from the United States Army Corps of Engineers, a Lake and Streambed Alteration Agreement from the California Department of Fish and Wildlife, and other local permits). Enrollment in the General Order requires that the Discharger obtain water quality certification for any such work, but this NOA does not provide the necessary certification. If the Discharger proposes or requires work in streams or wetlands, they must apply for water quality certification by filling out and submitting a separate application for that work. Additional application and monitoring fees will apply. Please contact the North Coast Regional Cannabis Unit for application forms, fee information, and instructions.

#### **4. GENERAL REQUIREMENTS**

The General Order requires that all applicable best practicable treatment or control (BPTC) measures listed in Attachment A of the General Order be implemented before the onset of the winter period November 15 to April 1. Dischargers that cannot implement all applicable BPTC measures by the onset of the winter period shall submit to the Regional Water Board a Site Management Plan that includes a time schedule and scope of work for use by the Regional Water Board in developing a compliance schedule as described in General Requirement No. 33 in Attachment A of the General Order.

The Discharger shall notify the Regional Water Board in writing of any proposed change in the method of waste disposal for irrigation tailwater, hydroponic wastewater, or other miscellaneous industrial wastewaters. Note the following:

- i. Discharge to a permitted wastewater treatment collection system and facility that accepts cannabis cultivation wastewater is permissible under the General Order. A will-serve letter (or equivalent) from the sewer agency is sufficient to demonstrate that the discharge is in compliance with wastewater system requirements and shall be made available to the Water Boards upon request.
- ii. The Discharger shall retain, for a minimum of five years, appropriate documentation for any industrial wastewater collected to a storage tank for disposal at a permitted wastewater facility that accepts cannabis cultivation wastewater. Documentation shall be made available to the Water Boards upon request.
- iii. The Discharger must obtain separate regulatory authorization (e.g., site-specific Waste Discharge Requirements (WDRs), conditional waiver of WDRs, or other permit mechanism) from the Regional Water Board prior to implementing alternative waste disposal methods, such as onsite wastewater treatment systems, including, but not limited to, a septic/leach field system, evaporation ponds, or onsite landscape irrigation using treated wastewater. Additional monitoring and reporting requirements may be necessary to demonstrate compliance with the General Order and the Regional Water Board's Basin Plan.

During reasonable hours, the Discharger shall allow the Water Boards, California Department of Fish and Wildlife, CAL FIRE, and any other authorized representatives of the Water Boards, upon presentation of a badge, employee identification card, or similar credentials, to:

- i. enter premises and facilities where cannabis is cultivated; where water is diverted, stored, or used; where wastes are treated, stored, or disposed; or in which any records are kept;

- ii. access and copy any records required to be kept under the terms and conditions of the Policy and General Order;
- iii. record audio and video, inspect, and/or photograph any cannabis cultivation sites, and associated premises, facilities, monitoring equipment or device, practices, or operations regulated or required by the Policy and General Order; and
- iv. sample, monitor, photograph, and record audio and video of site conditions, any discharge, waste material substances, or water quality parameters at any location for the purpose of ensuring compliance with the Policy and General Order.

## 5. TECHNICAL REPORT REQUIREMENTS

Technical reporting prior to requesting termination of enrollment in the Cannabis General Order is not required for dischargers subject to the General Order's waiver of waste discharge requirements. See Section 8 for required reporting before termination of General Order coverage.

## 6. MONITORING AND REPORTING PROGRAM

Annual monitoring and reporting is not required for dischargers subject to the General Order's waiver of waste discharge requirements.

## 7. ANNUAL FEE

If applicable you will receive an invoice annually until coverage under this General Order is formally terminated. Please visit <[http://www.waterboards.ca.gov/resources/fees/water\\_quality/](http://www.waterboards.ca.gov/resources/fees/water_quality/)> and click on the latest Water Quality Fee Schedule (for example, for fiscal year 2020-2021, the fee schedule is called 'FY 2020-2021 Water Quality Fee Schedule'). California Code of Regulation Title 23 Division 3 Chapter 9 Article 1 Section 2200.7, 'Annual Fee Schedule for Cannabis Cultivation.' Please note that the Fee Schedule is reviewed annually and future fees may be invoiced at different rates.

Annual fees are assessed on a fiscal year basis (July 1 through June 30). Invoices are sent by the State Water Board roughly midway through each fiscal year, usually in January. Please do not submit payments without receiving an invoice. If you have questions or concerns about your fees please contact the Water Boards Fee Branch at [FeeBranch@waterboards.ca.gov](mailto:FeeBranch@waterboards.ca.gov) or (916) 341-5247. The fee is due and payable on an annual basis until coverage under the General Order is formally terminated. Instructions for requesting termination of coverage appear in Section 8.

To terminate coverage, the Discharger must submit a Notice of Termination, including a Site Closure Report, at least 90 days prior to termination of activities. See Termination of Coverage Under the General Order section below.

## 8. TERMINATION OF COVERAGE UNDER THE GENERAL ORDER

Dischargers who wish to terminate coverage under the General Order must submit a Notice of Termination and Site Closure Report. The Notice of Termination and Site Closure Report shall be submitted through the Water Boards Cannabis Cultivation Programs Portal <<https://public2.waterboards.ca.gov/cgo>> by completing a *Cannabis General Order Termination Request Form* survey.

The Regional Water Board reserves the right to inspect the site before approving a request for termination of coverage. Attachment C of the General Order includes the *NOT* form and Attachment D of the General Order provides guidance on the contents of the *Site Closure Report*.



## 9. REGION SPECIFIC REQUIREMENTS

Dischargers shall comply with all applicable federal, state, and local laws, regulations, and permitting requirements. This includes any applicable Regional Water Board Orders or Regional Water Quality Control Plan (Basin Plan) requirements, including prohibitions and/or water quality objectives governing the discharge. In the event of duplicate or conflicting requirements, the most stringent requirement shall apply.

You can access your regions Basin Plan by visiting your local Regional Water Board's website at <https://www.waterboards.ca.gov/northcoast/>.

The Discharger shall also comply with the provisions of the North Coast Regional Water Board's Supplement to the General Order Annual Monitoring and Reporting Program (Regional Supplement), which independently appears as Investigative Order No. R1-2019-0023, issued by the Regional Water Board Executive Officer on March 22, 2019. The information required by Order No. R1-2019-0023 will be submitted while completing the *Online Cannabis Water Quality Monitoring & Reporting Program* survey

**Individuals Notified of Notice of Applicability Issuance**

Cannabis Regulatory Unit  
State Water Resources Control Board  
dwq.cannabis@waterboards.ca.gov

North Coast Water Quality Control Board  
Northcoast.Cannabis@Waterboards.Ca.Gov

Cliff Johnson, Senior Planner  
Humboldt County  
Cjohnson@Co.Humboldt.Ca.Us

211028\_Waste Hauler\_1\_12CC437152\_3003\_Table\_Bluff\_Rd\_NOA\_BTM;APPROVAL#559

### **Additional Cannabis Water Quality Resources**

**Water Boards' Cannabis Cultivation Webpage:**

[https://www.waterboards.ca.gov/water\\_issues/programs/cannabis/cannabis\\_outreach.html](https://www.waterboards.ca.gov/water_issues/programs/cannabis/cannabis_outreach.html)

**Cannabis Policy:**

[https://www.waterboards.ca.gov/water\\_issues/programs/cannabis/docs/policy/final\\_cannabis\\_policy\\_with\\_attach\\_a.pdf](https://www.waterboards.ca.gov/water_issues/programs/cannabis/docs/policy/final_cannabis_policy_with_attach_a.pdf)

**Cannabis General Order:**

[https://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2019/wqo2019\\_0001\\_dwq.pdf](https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2019/wqo2019_0001_dwq.pdf)

**Rural Roads Handbook:**

[http://www.pacificwatershed.com/sites/default/files/handbook\\_chapter\\_download\\_page.pdf](http://www.pacificwatershed.com/sites/default/files/handbook_chapter_download_page.pdf)

**Cultivation Permitting Agency Webinar:** <https://youtu.be/kVbIKnFRZy8>

**Water Quality Fees Webpage:** [https://www.waterboards.ca.gov/resources/fees/water\\_quality/](https://www.waterboards.ca.gov/resources/fees/water_quality/)

**Water Quality Annual Fee Invoice Lookup:**

<http://infofees.waterboards.ca.gov/FeeInfo/DischargerInvoice.aspx>

**Facility-At-A-Glance Report:**

<https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/CiwqsReportServlet?reportName=facilityAtAGlance&inCommand=reset>

Ambient Pre-Cultivation Noise Levels and Noise Mitigation Plan

Noise emanating from proposed activities will result in added noise levels equaling less than 3 dB above ambient pre-cultivating levels from all property line locations. There is no proposed generator use or other substantial noise generating activities proposed. Additionally, there are no forested or sensitive receptors located near the proposed project location.

Figure 1 below illustrates the pre-operation ambient noise levels. Readings were recorded over 24-hour periods from November 27-29<sup>th</sup>, 2021. Reading locations are recorded from the North, East, and West property lines in closest proximity from the project location. The reported reading values are max values during normal conditions and no precipitation or significant weather events. Additional images can be found at the end of this document that illustrate the sound meter used and photos of the readings taken.

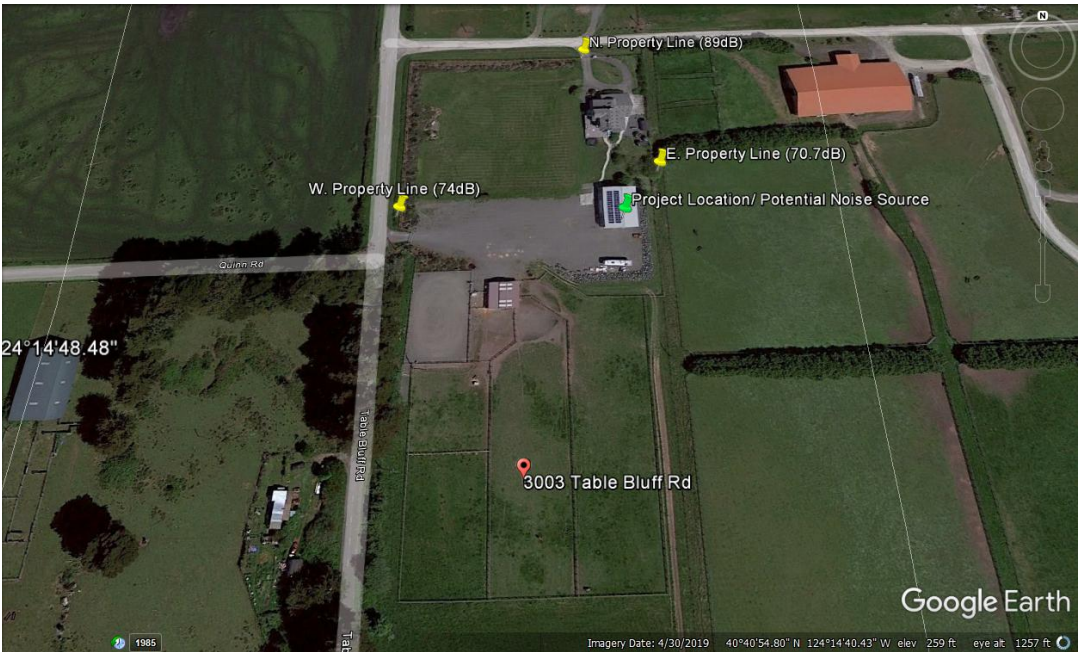


Figure 1: Site Overview. Includes ambient noise levels and location of readings.

Anticipated noise from cultivation activities will emanate from the compressor component of the HVAC air conditioning units that will be used. The noise from these units will be shielded by both the building

and the earth and rock berm that is existing and located behind the commercial building. The HVAC units are rated for residential use and designed to minimize sound signature.



Figure 2: Meter used to collect ambient noise levels.



Figure 3: W. Property Line max ambient noise level.

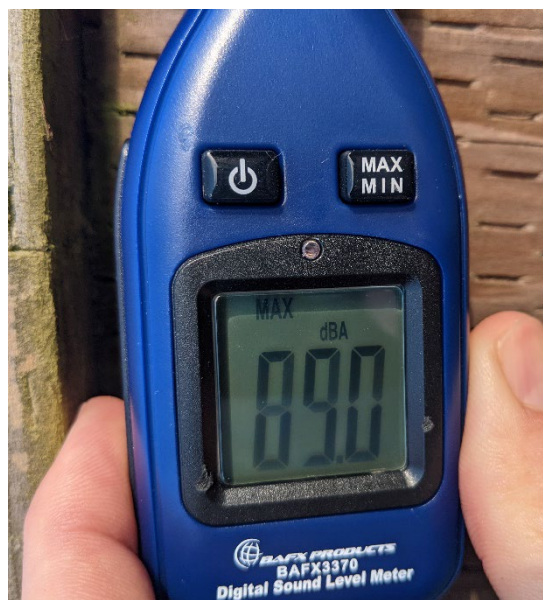


Figure 4: N. Property Line max ambient noise level.



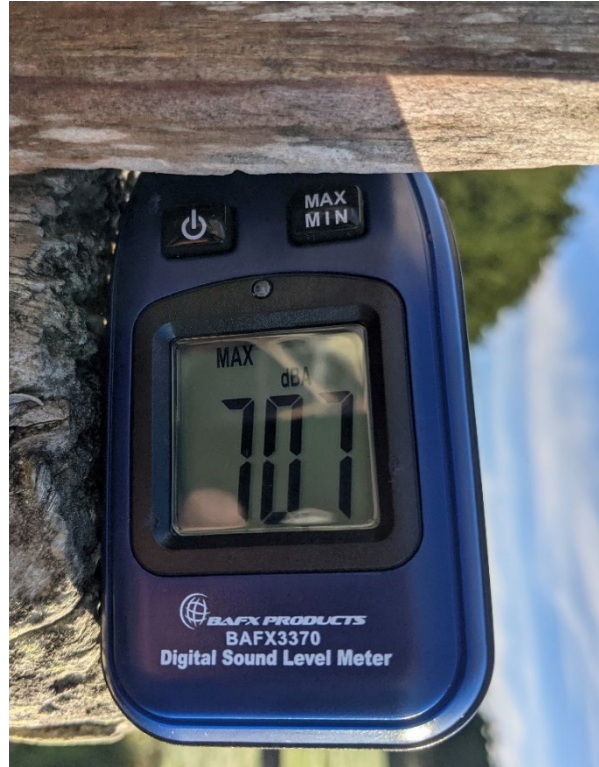


Figure 5: E. Property Line max ambient noise level.