

Odor Control Plan

Honeydew Ranch LLC
App 12256
APN# 107-272-005
License # CCL18-0003046

1. Cultivator Information

- a. Cultivator: Honeydew Ranch LLC
- b. Owner: Dany Avi-David
Phone: (415) 846-9950
Email: honeydewranchllc@hsomfarm.com
- c. Address: 665 Old Hindley Ranch Road, Honeydew, CA 95545
- d. Mailing Address: 160 Graystone Terrace. Apt #5, San Francisco, CA 95114
- e. Facility type: Mixed-light Commercial Cannabis Cultivation
Current: 16,175 square feet
Proposed: 206,435 square feet (4.733 acres) cannabis cultivation site.
- f. Hours of operations: 6am-8pm
- g. Facility operations: Honeydew Ranch is currently a 16,175 square foot commercial cannabis farm which will be a receiving site for nine Retirement, Remediation, and Relocation (RRR) sites totaling 4.733 acres of mixed-light cannabis cultivation.
- h. Emergency contact: Elevated Solutions, LLC
Phone number: (707) 798-6388
Email: info@elevsolutions.com
- i. CDFA Provisional License Number: CCL18-0003046
(2) Additional CDFA licenses located on the same parcel will follow the same protocol
 - o Mossy Stone Creek Farms LLC – CCL18-0005637
 - o Natural Ascent LLC – CCL18-0005638

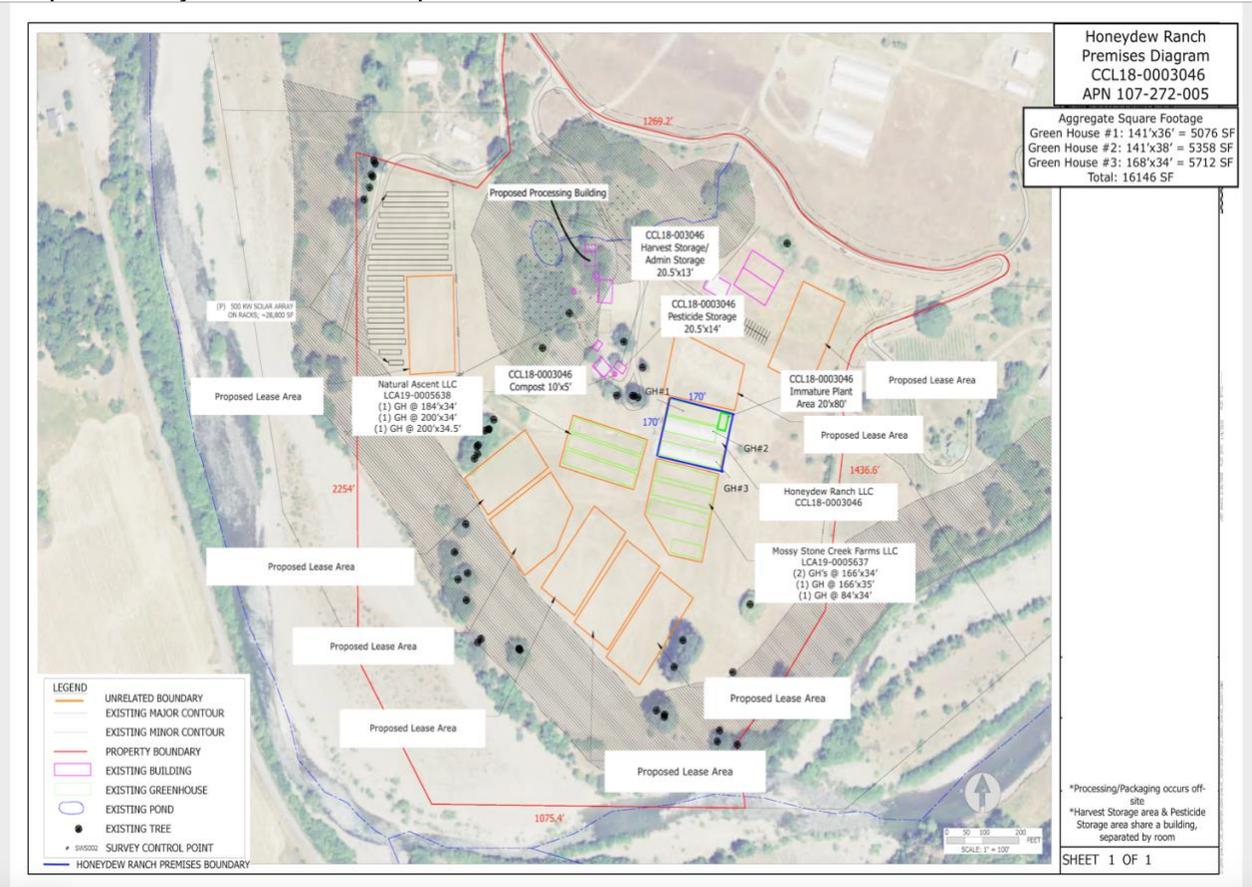
1. Cultivator Odor Emissions Information

- a. Map A shows the current location of the odor emitting activities. The Honeydew Ranch area is comprised of (3) greenhouses measuring 36'x141', 38'x141', and 34'x168' with one opening in the front and rear end of the structures. Connected to the structures are intake and outtake fans used to circulate air within the structures.

Mossy Stone Creek Farms, LLC (Permit Application # 11950) Natural Ascent, LLC (Permit Application # 11954) and all other leased areas will adhere to identical protocol

Map A also displays the proposed, fully built out project totaling 4.733 acres of cannabis cultivation. The odor emitting locations are labeled Greenhouses 1-3. Proposed greenhouses will also be comprised of two openings on the front and rear ends of the structures with adjoining intake and outtake fans to circulate air in and out of the structures. A total of .70 acres is non-odor emitting and will be dedicated to the proposed plant nursery.

Map A: Honeydew RRR Development Plan



b. Specific Odor-Emitting Activities

The Honeydew Ranch project will cultivate adolescent to mature plants in the greenhouses from the months of March to the end of October. The peak odor levels will be in the months of July and October. These two time periods are when the cannabis plants will reach peak maturity, emitting the strongest odors most likely to affect the air quality.

Post-harvest, cannabis plants are dried and cured in the proposed processing facility. Odor mitigation will be required within this building as well.

- c. Phases (timing, length etc.) Of Odor Emitting Activities
The Honeydew Ranch project will have a staggered harvest plan when mature plants are ready to be harvested and transferred in order to adequately use the drying facility and utilize its maximum capacity. This staggered harvest plan will start in the month of July during the first harvest and October to end mid-November for the second harvest. These are the times which odor release will be most pertinent and odor mitigation will be required. The odor will emanate from the cultivation greenhouses and the processing facility.

2. Odor Mitigation Practices

a. Odor Overview:

- At cultivation facilities, the natural growth of cannabis plants and other processes emit terpenes, which are volatile organic compounds (VOC's) known for their strong odors. Carbon filtration is currently the best control technology for reducing these VOC emissions from cannabis cultivation areas. The carbon filters are relatively simple to install and maintain in order to reliably control VOC emissions. Carbon filtration can remove up to 98% of VOC's. As the filter ages and less surface area is available to trap the VOC's, the filter will need to be replaced. Depending on the filter load, a typical filter can last 6-12 months in a commercial cannabis environment. Honeydew Ranch will incorporate carbon filtration in order to mitigate the odors produced during the cultivation processes.

b. Additional Odor Mitigation

- Honeydew Ranch is in contract with Native Ecosystems, Inc. to install a native, living plant fence to assist in odor mitigation.

c. Administrative Controls:

- Staff training & procedural activities:
 - Honeydew Ranch staff will be trained to close doors when walking in and out of the cultivation areas. They will regularly check intake and outtake fans to ensure there is proper air circulation and isolate any openings that would hinder odor control. Staff will also be familiarized with the carbon filters and be required to keep an up to date filter replacement schedule. Filter replacement schedules will begin in early May, the beginning of the ozone season to ensure that peak performance is achieved by the carbon filtration system.
- Training will be provided by the head cultivator/manager at Honeydew Ranch. Training will include:

- Familiarization with carbon filtration and pre-filter buffers according to manufacturer specifications
 - Knowledge to detect when filter lifespan is low
 - How to properly replace filtration filters
 - How to inspect and maintain intake and outtake fans to ensure proper filtration of VOC's
 - VOC minimal escape measures ie. closing & opening doors
 - Knowledge to detect when VOC's are in peak emissions ie. Harvest time
 - Keeping an accurate maintenance log of fans, exhausts, etc.
- d. Recordkeeping systems and forms:
- e. The farm manager will keep and update logs and forms for the following:
- Record of purchases and replacement of carbon
 - Performed maintenance tracking of intake and outtake fans as well as filtration
 - Documentation and notification of malfunctions
 - Scheduled and performed training schedules
 - Monitoring of administrative and engineering controls

In Conclusion:

Honeydew Ranch, LLC will monitor the effectiveness of the Odor Control Plan and make necessary modification as needed.