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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

What is this form?

This operating plan supplemental form is required for all applicants seeking a marijuana cultivation facility license and must accompany **Form MJ-01: Marijuana Establishment Operating Plan**, per 3 AAC 306.020(b)(11). Applicants should review **Chapter 306: Article 4** of the **Alaska Administrative Code.** This form will be used to document how an applicant intends to meet the requirements of the statutes and regulations.

If your business has a formal operating plan, you may include a copy of that operating plan with your application, but all fields of this form must still be completed per 3 AAC 306.020 and 3 AAC 306.420(2).

What additional information is required for cultivation facilities?

Applicants must identify how the proposed establishment will comply with applicable regulations regarding the following:

- Prohibitions
- Cultivation plan
- Waste disposal
- Odor control
- Testing procedure and protocols
- Packaging and labeling

This form must be completed and submitted to AMCO's main office before any new or transfer application for a standard marijuana cultivation facility or limited marijuana cultivation facility license will be considered complete.

Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	Mr. Happy Farms LLC.	**MJ License #:**	17692		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Mr. Happy Farms LLC.				
Premises Address:	3900 N. Sierra St.				
City:	Wasilla	**State:**	Alaska	**ZIP:**	99654

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Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the flow of marijuana from seed or clone to harvest and transfer from your premises:

We will begin with 4 established strains in the form of mothers, as well as seeds for future strains to grow to sustain a diverse product line. Our plan is to also have 60 clones that will comply with size standards upon startup. We will take approximately 60 clones every 3-4 weeks, from 1 to no more than 4 strains per 60 plant batch. We will grow the clones for 7-10 days, then repot to 3 gallon containers and move under T5 lights in the vegetation room for up to 14 days. The plants will then be moved to the flower room with double end high pressure sodium light for 6-9 weeks, strain depending. At optimum time, plants will be trimmed and harvested, then transferred to the processing room to be hung and dried until proper moisture level is reached. A final trim and the buds will be sealed in air tight containers for proper curing technique, for 7-14 days. At this point we will follow proper procedure for testing and send out a random sample. We will weigh and package product for delivery, once results come back from testing we will generate lables with all required information. When ready to sell we will generate a manifest and log all info in the tracking system. Product will then be loaded into secure storage in delivery vehicle and transported by the most direct route to the receiving facility.

Section 3 – Prohibitions

Review the requirements under 3 AAC 306.405 and 3 AAC 306.410.

3.1. I certify that the marijuana cultivation facility will not: Initials

a. **sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation;** MS

b. **allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on the licensed premises or within 20 feet of the exterior of any building or outdoor cultivation facility; or** MS

c. **treat or otherwise adulterate marijuana with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana.** MS

Section 4 – Cultivation Plan

Review the requirements under 3 AAC 306.420 and 3 AAC 306.430.

4.1. Describe the size of the space(s) the marijuana cultivation facility intends to be under cultivation, including dimensions and overall square footage. Provide your calculations below:

The building will be 816sqft. A flower/water/storage room will be 560sqft with 320sqft dedicated to canopy. A vegetation room that is 128sqft and fully dedicated to canopy.

flower room, 16' x 20' = 320sqft
vegetation room, 8' x 16' = 128sqft

320sqft + 128sqft = 448 total sqft.

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You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.2. The proposed area(s) for cultivation are clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application. MS

Answer "Yes" or "No" to the following question: Yes No

4.3. Will the marijuana cultivation facility include outdoor production? ☐ ☑

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground and how it is fully-enclosed by a physical barrier:

4.4. Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility, whether indoors or outdoors, cannot be observed by the public from outside the facility:

There will be no exterior windows in the building and solid doors. The between the 200' setback from the road and the natural tree cover the marijuana will not be seen.

4.5. Describe the marijuana cultivation facility's growing medium(s) to be used:

The company will utilize mediums such as buffered coco coir, Rockwool, expanded clay, and perlite along with other types for use in other hydroponic growing applications depending on growth stage, strain and possibly time of year.

4.6. Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used:

We will utilize organic and/or synthetic fertilizers, containing sufficient levels of macronutrients such as nitrogen, phosphorus, and potassium. Our nutrient regimen will also contain supplemental micronutrients such as calcium, magnesium, and silica. We will implement these nutrients through the use of name brand manufacturers such as "Advanced Nutrients" and "Canna". Primary nutrients will be from the Canna brand and will include: Coco A & B for Veg and Flower, Cannaboost, Rhizotonic and Cannazym. Additional products used will include House & Garden Drip Clean and Xtreme Gardening Mykos. For cloning, we will use Clonex Cloning Gel and Olivias Cloning Solution. We will not be using CO2 supplementation at this time. (See continuation page)

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(Additional Space as Needed):

Continued from 4.6:

Additional nutrients from the Advanced Nutrients brand may be used in the future and will include: Big Buds, Bud Ignitor, Overdrive, Sensi Cal-Mag, Revive, Bud Candy, Flawless Finish, Rhino Skin, Bud Factor X, Nirvana, B-52, Voodoo Juice, Piranha, Tarantula, Ph Up and Ph Down.

Neem oil, 3% Hydrogen Peroxide, Diatematious Earth and SM-90 will be used as a fungicide, insecticide and miticide as necessary.

Chlorox bleach, Simple Green and Windex are various cleaning chemicals that will be used in the facility.

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4.7. Describe the marijuana cultivation facility's irrigation and waste water systems to be used:

We will employ a hydroponic drip system in both our rooms. This is a slow application with little runoff, our tables will have a waterproof membrane to catch extra runoff. This runoff will be collected and returned to the water reservoir if still viable. If not, the water will go into the hazardous waste barrel for proper disoposal per waste managment standards.

Section 5 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

5.1. The marijuana cultivation facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it. MS

5.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including wastewater generated during marijuana cultivation, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown:

We will have two 30-gallon sealable drums, both will be labled as "hazardous waste". All waste that can't be processed or recycled will be logged accordingly. Liquid waste will be recorded in our inhouse records to accurately give Waste Management a content and quantity list. All solid waste will be logged in the tracking system and ground by hand or machine prior to going in the drum. Liquids will be placed in their corresponding drum. Once the soild waste drum meets our criteria for disposal we will notify the board at least 3 days prior to taking waste in for disposal, the waste will be weighed and we shall add an equal amount of weight in clean soil, paper waste or cardboard waste. The two will be thoroughly mixed and the drum sealed for transport, liquid waste will be sealed for transportation as well. Once we get board approval to dispose of the waste it will be logged out of the system and transported to prearranged Waste Managment facility and disposed of according to all local and state laws.

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Section 6 – Odor Control

Review the requirements under 3 AAC 306.430.

Answer "Yes" or "No" to the following question:	Yes	No
6.1. Have you received an exemption from your local government for the odor control requirement set forth in 3 AAC 306.430(c)(2)?	☐	☑

If "Yes", you must be able to certify the statement below. Read the following and then sign your initials in the box: Initials

I am attaching to this form documentation of my odor control exemption from the local government. MS

If "No" to question 6.1., describe the odor control method(s) to be used and how the marijuana cultivation facility will ensure that any marijuana at the facility does not emit an odor that is detectable by the public from outside the facility:

The facility will have a fully sealed HVAC system that will recirculate within the building and nothing exhausted to the outside without first passing through filters. This will comply with all guidelines set forth by AMCO, that the facility will not emit an odor detectable outside the building.

Section 7 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465.

You must be able to certify each statement below. Read the following and then sign your initials in the corresponding box: Initials

7.1. I understand and agree that the board or director will, from time to time, require the marijuana cultivation facility to provide samples of the growing medium, soil amendments, fertilizers, crop production aids, pesticides, or water for random compliance checks. MS

7.2. I will ensure that any individual responsible for collecting random, homogenous samples for required laboratory testing under 3 AAC 306.455 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755. MS

7.3. Describe the testing procedures and protocols the marijuana cultivation facility will follow:

Once buds are ready, the designated owner will follow proper sample standards and retrieve a sample and prepare a signed statement to that effect. He will carry the statement with him to the testing facility as well as retain a copy for company records. A transportation manifest will be printed and the sample will be delivered to the testing facility. The batch the sample came from will be stored in a cool dry place to remain in inventory until results come back. The test results will then be added to our secure records.

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Section 8 – Packaging and Labeling

Review the requirements under 3 AAC 306.470 and 3 AAC 306.475.

Answer "Yes" or "No" to the following question:	Yes	No
8.1. Will the marijuana cultivation facility be packaging marijuana for a retail marijuana store to sell to a consumer without repackaging?	☐	☑

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

Answer "Yes" or "No" to the following question:	Yes	No
8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages?	☑	☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

We will sell in a wholesale capacity. All packages will comply with standards, they will be packaged in no more than 5lbs per container with only one strain per container unless otherwise noted on the label, we will use a minimum of 4mil thick heat sealed bags with all required information put on the label and then affixed to the product bag. All product will be put into a tamper evident shipping container and labeled accordingly.

I certify that as a marijuana cultivation facility, I will submit monthly reports to the Department of Revenue and pay the excise tax required under AS 43.61.010 and AS 43.61.020 on all marijuana sold or provided as a sample to a marijuana establishment, as required under 3 AAC 306.480.

I declare under penalty of unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

Signature of licensee

Matthew Shelton

Printed name of licensee

Notary Public
SHARON G. CRUZ
State of Alaska
My Commission Expires Sept . 1, 2020

Notary Public in and for the State of Alaska

My commission expires: 09/01/2020

Subscribed and sworn to before me this 3RD day of MAY, 2018.

Received by AMCO 05.03.18

Application 17692: Sample Wholesale Label

mr. happy farms, llc

Gelato

SALTIVA-DOMINANT CANNABIS

Net Wt. 317 grams

Cultivator: Mr. Happy Farms, LLC. Lic # 17692
Strain: Gelato Harvest Batch # GEL0317
METRC #: 1234567890987654321
Pesticides, Fungicides, Herbicides: None
Testing Facility: ABC Lab Lic # 12345 Test Date: 01/01/2019
Total THC X% Total CBD X%
THC X% CBD X%
THC-A X% CBD-A X% CBN X%
Microbials: Passed Residual Solvents: Not Required
Additional Contaminants: Not Required

WARNING: Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.

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