Alcohol and Marijuana Control Office
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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.

AB 12/17/19

Section 1 – Establishment Information

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

Licensee:	Aleana Beaty; Bradley C Beaty	**MJ License #:**		21822	
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Muggle Organics				
Premises Address:	5910 N. Talgach View Dr.				
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:

marijuana seeds will be sprouted In rapid rooter peat plugs , or peat moss expandable plugs.
Clones will be harvested from pre-existing mom stock , or clones.
Tissue culture will also be utilized hopefully reducing any mom stock.
Cloned in peat plugs. Clones will be housed in in trays with humidity domes.
Tissue Culture is very Complicated and hard to explain but will be used.

Once there are viable roots on cutting , or qualified and approved outside seeds/clones 7-14 days they will be Transferred into one or two gallons pots with Muggle Specific Living Soil Mix.

Plants will stay in growing stage until desired size is reached. 1-6 weeks, Once plant is 8" , it will be entered into Metric.
Plants moved from veg to flower in Metric will flower until harvest timeline is met for ripeness. 7-12 weeks
Plants harvested will be noted in the metric System
updated information after Marijuana is dried in Metric
Harvested Cannabis Will be Dried on Screen in a lockable Cabinet in Cultivation Facility.
Marijuana will be moved and stored in Home Office closet that's locked , and desired quantities need to be fulfilled.
Marijuana will be weighed and logged and every stage of Processing.- SEE ADDITIONAL SPACE-

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;**

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**

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.**

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 spaced being used is a converted garage that is attached to a residence. There is no Structure above the garage roof. IE, house rooms, bonus rooms.

ROOMS-
1 Vegetation room - **93 sqft**
6.5 W x 15.4 L x 9.6 H

#2 Flowering room -**400 sqft** - 12 W x 19 L x 9.6 H
1 tier of raised vertical shelving 172 sqft
(4' wide x 43.0 linear feet around outside perimeter of the flower room wall)

Under vertical Shelving remains the total use-able floor space of 228 sqft. of the original flowering room foot print. 12 W x 19 L

Total area under cultivation Veg	93
Total area under cultivation Flower	400
Total of all Cultivation	493

revised AB/BB 12/20/19

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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.

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:

A.B & B.B 12/10/2019

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:

marijuana grown indoors will be behind multiple doors that allow no visual from outside the facility.
No windows are present in the facility .
Physical barrier described in section 4,3.
long set back to facility From Talgache View Rd.

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

Growing medium - Pro-Mix in House Living Soil
Soil, manure, cocoa, castings, worms, Dry Amendments

4.6. Provide the complete product name and EPA registration # (if applicable) for each of the cultivation facility's pesticide and pest control product to be used. All proposed products must be on DEC's list of approved pesticides in the state of Alaska:

Muggle Organics Will not use any pesticide .
Preventative Neem Oil Solution is sprayed on all plants , all stages of life until Three weeks into flower, once a week.
In the event of a pest that cannot be managed with neem, Predator mites will be used.

Garden Safe Brand Neem Oil Extract concentrate 70%
EPA# 70051-2-39609

4.7. Describe all other fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used at the marijuana cultivation facility:

Muggle Organic uses only OMRI or OIM dry amendments.
Worm casting provided by living worms in Medium.
Muggle made Biochar
Bleach and water will be uses to clean facility 1:10 ratio
No Co2 gas tanks or burners will be used in Muggle Organics facility however, We will seek the boards permission in the future to utilize Co2.

See Additional Information
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4.8. Describe the marijuana cultivation facility's irrigation and waste water systems to be used:

Muggle Organic Operates with zero Run-Off.
Hand watering , and Blu-mat water Delivery system is uses and will be expanded to 100% use throughout the whole facility.
There is a drain in the floor .
H20 , and Tea's will be the only feeding aside from dry amendments given to any plants in the Facility .

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.

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:

Biproduct of marijuana cultivation shall be store in locking freezer, in fresh form, until required time has passed after written notice or accumulation of material requires written notification and required time has passed for disposal .
Marijuana Biproduct will be destroyed after required time has passed with 3 day written notification via Fire Barrel. Ash from Destroyed product will be fed back to plants as Biochar.
or
Feed To Living worms in worm bin.

If and when any waste water needs to be disposed of , MSDS will be used to source proper disposal of waste water based on ingredients.

All Biproduct destroyed Via Fire, after written notice is given and three days has passed.
Muggle Organics is a small operation and will probably on destroy biproduct every other month.

Note: The word is "ON" ,as in what is labeled on the packaging of the ingredients for proper disposal via MSDS Recommendations. however Muggle Organics Hand wanters and has no run off.

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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. ☐

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:

Muggle Organics uses Carbon filter scrubbing , and intake and outro carbon filters for air exchange.
Flower Room will be completely sealed aside from 2x 6" in /out with carbon scrubbing filters.

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. ☑

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. ☑

Muggle Organics Manager will provide homogeneous samples of each harvest batch of marijuana produced at the facility to a marijuana testing facility in a amount set out in the table as described in 3AAC 306.455(a)(1) and may not sell or transport any marijuana until all laboratory testing required under 3 AAC 306.645 has been completed. Manager of Muggle Organics will handle all signed documents/statements and fulfillment of proper handling of documents for transfered marijuana for testing. Muggle Organics will maintain a copy of signed documents for business records under 3 AAC 306.755; and will transport the samples to the marijuana testing facility's licensed premises in compliance with 3 AAC 306.750

Muggle Organics Manager will segregate the entire batch from which the testing samples were selected until the marijuana testing facility reports the results from its tests. During this period of segregation, the marijuana cultivation facility that provided the samples shall maintain the batch in a secure, cool, and dry location to prevent the marijuana from becoming contaminated or losing its efficacy. The marijuana cultivation facility that provided the samples may not sell or transport any marijuana from the segregated batch until the marijuana testing facility has completed its testing and provided those results, in writing, to the marijuana cultivation facility that provided the samples. The marijuana cultivation facility shall maintain the testing results as part of its business books and 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?	☐	X

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:

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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:

Muggle Organics will only source products approved by EMSCO for packaging and will contain no labeling targeting anyone under 21 years of age.
labeling with appropriate information required will be placed with adhesive sticker to all stored and sale products
cross reference match will be performed to make sure bulk transfer into small amounts as required by distributor and packaging re-labeled as EMSCO Requirements and Muggle SOP.

Marijuana will not be packaged in whole sale quantities larger than 5 lbs to be sold to retail store or to marijuana product manufacturing facility. strains/mix of strains will be labeled as required Using Metrc System.
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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

Bradley Beaty

Printed name of licensee

OFFICIAL SEAL
Michael Lawrence
Notary Public-State of Alaska
My Comm. Expires: 08/01/2023

Notary Public in and for the State of Alaska

My commission expires: 08/01/2023

Subscribed and sworn to before me this 13 day of November, 2019.

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(Additional Space as Needed):

2.1- Muggle Organics will use 25 gallon fabric pots
Muggle Organics Will Notify Board When Raised beds and vertical Racking Becomes appropriate.
All Organic input materials.

Stems and stalks and unwanted material will be destroyed after 3 days written notification has been completed, or marketed for sale in use of other cannabis related items. Muggle Organics strives to use 100% cannabis plant.
Non sellable will be mixed in the compost dirt , or fed into worm bin .

Transferred marijuana leaving our facility will follow recommended procedures from the state control board. (3 AAC 306.750)
Marijuana will be prepared previously being stored in odor and light proof food safe bags.

Transferred marijuana will be show in :
Metric
manifested with appropriate required information
expedition schedule with departure and arrival time.

4.3 - There is coral fencing that covers around 30% of the physical barrier requirement , the remainder will have a fence installed around designated perimeter.
Fence will be erected between corner of Facility and carport at driveway parking area . Elevation drop behind this points makes visual from the front impossible .
ground is open facing right of facility , entire location surrounded in trees. Large hill that runs backs the property.

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(Additional Space as Needed):

Cont. 4.7

Muggle will run 25 gallon fabric pots until a time allows for custom raised beds to be ordered and installed.
Medium containers will have a mix of Pro Mix with Myco, organic compost , worm castings, dry amendments OMRI/OIM , worms
Bio-Live
Crab Meal
Alfalfa Meal

Azomite
greensand
Granular Humic Acid
Bone Meal
Fish Bone Meal
Guanos
Myco's
Diatenacious Earth
Insect Frass
Straw will be used on top of the plants to encourage moisture retention saving H20 watering.
H20/ Teas hand watered or delivered through Blu-Mat , zero Run-off .

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License # 21822

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This Label will be placed on the back of all packaging

MUGGLE ORGANICS
LICENSE # 21822
BATCH # 000
STRAIN : OG
METRC#:138475830234LC

Testing Lab: "Testing" Lab
License#: 00000
Testing Date: 10/30/19
Fungicides: None
Herbicides: None
Pesticides: None
Net Weight: 3.5 g (0.124 oz.)
Cannabinoid Profile:
Total THC: XXXX%
Total CBD: XXXX%
THC: XXXX%
CBD: XXXX%
THC-A: XXXX%
CBD-A: XXXX%
CBN: XXXX%

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Alaska Safety 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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