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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:	Cut Above LLC	**MJ License #:**	16815		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Cut Above LLC				
Premises Address:	1520 Raven Lake Street				
City:	Fairbanks	**State:**	Alaska	**ZIP:**	99709

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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:

Our facility consists of several small rooms, each having its own function. The clones or seeds start off in the Mother / Clone room. They are watered in closed loop bays with no additional nutrient until they are big enough to move. They get moved into a Veg room where they will be transplanted into 3 gallon pots and hand watered with a hose. After the Veg room the plants are then moved to a Bloom room where they will be transplanted into 5 gallon pots and hand watered with a hose. Everyday rooms will be cleaned, plants will be watered and groomed and every daily log sheets will be filed. When the plants mature in the bloom rooms they will be cut, weighed, and brought to the dry room. After they are dried they will be moved to the proccessing room where they will be trimmed and all weights will be taken with a state certified scale and entered into METRC. After they are processed, samples will be sent out for testing. Marijuana will then be packged and prepared for transport in accordance with state regulations. All solid waste will be disposed of in accordance with state regulations.

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;** CTS

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** CTS

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.** CTS

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:

Our facility is approximately 4,000 square feet (40'x100') of which there are 10 rooms dedicated to the cultivation process, an office, break room,bathroom, a hallway, security area and a loading/mechanical area.

Bloom #1 - 15' x 20' (300 sq ft)
Bloom #2 - 15' x 20' (300 sq ft)
Veg # 1 - 12' x 20' (240 sq ft)
Bloom #3 - 15' x 20' (300 sq ft)
Veg # 2 - 12' x 20' (240 sq ft)
Bloom #4 - 29.5' x 20' (590 sq ft)
Bloom #5 - 11' x 15' (165 sq ft)
Break Room - 12' x 15' (180 sq ft)
Office - 10' x 15' (150 sq ft)
Security area - 5' x 5' (25 sq ft)
Bathroom - 5' x 10' (50 sq ft)
Clone room - 11' x 15' (150 sq ft)
Drying Room - 16' x 15' (240 sq ft)
Processing room - 12' 15' (180 sq ft)
Hallway - 4' x 100' (400 sq ft)
Loading Zone/Mechanical - 20' x 15' (300 sq ft)

2705 sq ft is dedicated towards marijuana cultivation.
1295 sq ft is for interior walls, office, break room, bathroom, security area, mechanical and a loading zone.

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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. [CJS]

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:

Our facility is fully indoors. We have no windows. All the marijuana will be inside interior rooms that are not visible to the public.

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

The cultivation facility will be using bagged soil and "soil-less" mixes as the growing medium.
Pro mix will be used mostly, and other hydroponic soil-less bagged mixes such as coco.

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

SNS 217 RTU SPIDER MITE CONTROL - exempt-25(b)
NUKE EM - exempt-25(b)
70% NEEM OIL - 70051-2-54705
CLONEX ROOTING GEL - 79664-1

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

The cultivation will use salt based nutrients manufactured mainly by Advanced Nutrients.
The nutrient will be mixed in 55 gallon water drums inside each individual room and plants will be hand watered.
Carbon dioxide will be added to the air inside the bloom rooms. An active air system will be mounted to the CO2 tanks that automatically controls the CO2 ppm. The Carbon dioxide will be stored in 50lbs cylinders/tanks secured to the wall.
CO2 levels will never exceed 1200ppm.

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

Watering will be done by hand with a hose. There are drains located in every room in the facility. Each drain will have a sediment filter and waste water will be disposed in the local industrial leech field. The sediment collected will be added to the solid waste.

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. CKS

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:

Marijuana waste will be stored on-site in heavy duty trash bags in a secure locked room. We will then turn the waste into a mulch and t he solid waste will then be mixed to a 50/50% ratio and made unusable with household garbage consisting of paper and food products, and also fill dirt if needed. It will then be disposed of at the local landfill or used as compost for home gardens. The wastewater will be disposed through drains in each room and directed into our industrial leech field.

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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:

The cultivation will use charcoal filters and UV filters to eliminate unwanted odor from our facility. The filters will be to specification designed for a facility of our size and we will follow the manufacturers maintenance schedule.

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.	CSS
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.	CSS

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

The cultivation will provide a sample of each harvest batch of marijuana produced at the facility to a marijuana testing facility. To do this we will collect a random, homogeneous sample for testing by segregating harvested marijuana into batches of individual strains of bud and flower, then selecting a random sample from each batch in an amount required by the marijuana testing facility.

We will then designate an individual responsible for collecting each sample, that individual will prepare a signed statement showing that each sample has been randomly selected for testing and provide that to the testing facility and maintain a copy as a business record under 3 AAC 306.755 and transport the sample to the marijuana testing facility in compliance with 3 AAC 306.750.

We will segregate the entire batch from which the sample was taken and keep it in a secure, dry, cool room until the testing facility reports the results. We will then maintain the results as part of our 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?	☐	☑

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:

The cultivation facility will package marijuana in packages not exceeding five pounds. The contents will be identified on a label. Each package will have a tracking label generated by our marijuana inventory tracking system. For each batch sold our facility will disclose in writing each soil amendment, fertilizer, and other crop production aid applied to the growing medium or marijuana plant included in the batch, including any pesticide, herbicide, or fungicide that was used and the name of the testing facility used and results.

There will be a label affixed to each package with our name, license number, batch number, net weight of the product, and a complete list of all pesticides, fungicides, and herbicides used in cultivation.

see EMAIL 7 of 7 Attachment sample label.pdf

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

Conrad Schwartz

Printed name of licensee

Notary Public
TABITHA L. CORE
State of Alaska
My Commission Expires Jan. 1, 2022

Notary Public in and for the State of Alaska

My commission expires: Jan 1st 2022

Subscribed and sworn to before me this 8 day of June, 2018.

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(Additional Space as Needed):

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Sample Label Wholsesale

Cut Above LLC

License # 16815

Strain: Cut Above Example Strain

Harvest Batch #: Example Number

Net Weight: Example Weight

No Pesticides, Fungicides, or Herbicides were used in the Cultivation of this Marijuana.

Wholesale Marijuana must be repackaged for resale.

(Test Results) Including: Cannabinoid potency, Microbial, Contaminants of residual Solvents, any additional contaminants

Tested by: Example Test Lab

All nutrients used in the cultivation of this Marijuana were Advanced Nutrients.

This Marijuana was grown in Pro-mix HX soil.

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