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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:	Sharon Thompson	**MJ License #:**	15768		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Aurora Borealis Cannabis Company				
Premises Address:	16756 E Moose Hollow Ave				
City:	Talkeetna	**State:**	Alaska	**ZIP:**	99676

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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:

The proposed facility's operations are rather simple. The proposed facility shall have one to two employees, little to no visitors, and shall be run by owner. Marijuana shall be planted, cloned, and grown in Cultivate 1, and moved to Cultivate 2 for flowering. The flowers once done shall then be harvested, and placed above Cultivate 1/Office in the loft area for curing until packaging and storage in office while awaiting sale/transfer. Paperwork shall be drawn up in the office, and taken with the product before removal from the licensed premises areas.

The plant care, harvesting, paperwork, shall all be completed by Owner and their one to two close employees.

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:

Two Rooms of Cultivation:

C1- 7' 6" x 10" approximately 80 Square Feet, with a 3' x 6' loft for clones which is 18 square feet.

C2- a 14' 11" x 23' room that will have in cultivation 20 - 3.5' x 1.3' tables equaling 4.6 sq ft each
Tables shall be laid out in 5 rows that are 1.3' x 14' Total of 91 square feet of canopy space under cultivation in C2.
No other growing space, no other shelves, no plants on floor.
Whole room square footage is 345 square feet.

Open Loft area above C1 is 4' x 10' minus a 2' x 4' opening for folding ladder,
calculating whole space is 40 square feet.

Total of 362 Square Feet under cultivation
Whole room/loft space one plant layer, no multiple layers or shelves equals 483 square feet

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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:

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:

The proposed cultivation facility shall have no windows for viewing into the cultivation areas. General members of the public, and visitors to the premises and/or residence shall not have access to the private property in which proposed premises resides without prior appointment.
No plants, clones, cuttings, and/or seedlings shall leave the cultivation and restricted access areas.

Processed marijuana shall not exit the building until all tracking and transportation requirements have been completed in compliance with 3 AAC 306.730 and 3 AAC 306.750.

Processed marijuana that leaves the building in compliance with 3 AAC 306.750 shall be in a double padlocked, secure, tamper resistant, weather resistant, sealed, military grade, transport case, further preventing public viewing or access.

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

Peat Mix, Rock wool Cubes

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

Ionic liquid fertilizer, Rooting powder, and Super thrive. No chemicals, co2, and/or gases.

No plans for use of any Pesticides, Herbicides, and/or Fungicides.

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

Ebb and flow irrigation, and hand watering drain to waste system shall reduce waste water.

Any waste water generated shall be first sent to immature plants; secondary to house plants, outdoor gardens, and/or compost pile; finally should all of the above not be available, the waste water shall be sent down the premises' private septic system for disposal.

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:

The water waste, if any, shall be stored in buckets, then disposed of by first being sent to immature plants; secondary to house plants, outdoor gardens, and/or compost pile; finally should all of the above not be available, the waste water, if any, shall be sent down the premises' private septic system for disposal.

The solid wastes shall be stored in lawn bags, totes, and/or buckets.

(1). The growing medium waste shall have its root cube removed, left over mixture is a rich soil and is ready for immediate use by gardens and flower beds. This non-plant waste shall be placed into licensee's gardens and flower beds to raise them above ground level and improve their performance.

(a). In the event the gardens are in no need for solid fill, the waste shall be mixed into a dirt and manure compost pile with the plant waste as described below.

(2). The solid marijuana waste in compliance with 3 AAC 306.740 (c) (1) shall be placed into the marijuana inventory tracking system for three days before it shall:

(a). in compliance with 3 AAC 306.740 (d) the waste shall be sent through an electric shredder/chipper for grinding, the ground marijuana shall then be mixed with used vegetable oil if available and/or waste Pro-Mix, this process shall be under video surveillance in accordance with 3 AAC 306.720 (a) and (c).

(1). The waste shall then be placed directly into a dirt and manure compost pile that is on the premises' property.

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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 areas of the proposed premises shall have its temperature and humidity atmospherically controlled. The air shall be exchanged with both an intake and an exhaust system until desired temperature and humidity is achieved.

Exhaust air shall be filtered through large carbon filters. In compliance with AAC 306.430 (c) (2) the carbon filters remove any odor particles in the air as it passes through so that the exhaust air does not emit an odor that is detectable from outside of the proposed licensed premises.

The proposed premises resides on approximately five acres of rural private property, with no unauthorized members of the public allowed near 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.

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.

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

Licensee shall designate an individual responsible for collecting each sample for testing by a licensed marijuana testing facility in compliance with 3 AAC 306. 455 (b) (2).

In compliance with 3 AAC 306.455 (b) (1) the designated individual shall segregate harvested marijuana into batches of bud and flower of individual strains. The designated individual shall then collect a random homogenous sample for testing in an amount required by the testing facility.

The designated individual shall then sign a prepared statement in compliance with 3 AAC 306.455 (b) (2) (A) indicating each sample has been randomly selected for testing.

The statement shall be provided to the testing facility in compliance with 3 AAC 306.455 (b) (2) (B), a copy of this statement shall be kept at the establishment's office in compliance with 3 AAC 306.455 (b) (2) (C) for records retention in compliance with 3 AAC 306.755.

The designated individual responsible for collecting the random sample for testing shall then transport the collected sample to a licensed marijuana testing facility in compliance with 3 AAC 306.750.

The proposed licensed cultivation facility shall keep the entire batch of harvested marijuana from which the the sample was selected segregated, until the marijuana testing facility reports the completed results from its tests in compliance with 3 AAC 306.645.

In accordance with 3 AAC 306.405 (a) (4) and 3 AAC 306.730 the segregated batch of marijuana shall be tracked in the proposed facility's marijuana inventory tracking system (metrc) and kept in the restricted access office in the secure, cool, dry, and dark storage to prevent the marijuana from becoming contaminated or losing its efficacy while awaiting test results.

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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:

In compliance with 3 AAC 306.470 (a)(1)(B)(2)(A)(B)(c)(d)(2), and 3 AAC 306.475 (e) (1)-(4) (A)-(C):

The proposed facility shall package marijuana flower to a retail store in a wholesale package not exceeding five pounds. For repackaging by the retail store for resale to the consumer. Or to a product manufacturing facility in a wholesale package not exceeding five pounds, consisting of one or more strains as identified on it's label.

When the wholesale product(s) is/are preparing for shipment, a label shall be affixed to the shipping container/package setting out all required test results.

Aurora Borealis Cannabis Company
License #15768

Net. Weight
16 OZ

Harvest Batch(es): Tootie Fruity-1

Strain(s): Tootie Fruity

THC 20.9% THCA 22.1% CBD .06% CBDA .04%

Microbials: Passed Residual Solvent: Not Required

No Pesticides, Herbicides, or Fungicides, Ionic Fertilizer

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.

Sharon Thompson
Signature of licensee

Notary Public
KRYSTAL L. DIETRICH
State of Alaska
My Commission Expires 10.31.2022

Notary Public in and for the State of Alaska

Sharon Thompson
Printed name of licensee

My commission expires: 10.31.2022

Subscribed and sworn to before me this 30th day of November, 2018.

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(Additional Space as Needed):

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