Alcohol and Marijuana Control Office
550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

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 the **Marijuana Establishment Operating Plan (Form MJ-01)**, 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 those 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
- Odor control
- Testing procedure and protocols
- Security

This form must be submitted to AMCO's main office before any marijuana cultivation facility license application will be considered complete.

Section 1 – Establishment Information

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

Licensee:	Aaron D. Worthen	**License Number:**	10500		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	FROZEN NORTH FARMS				
Premises Address:	1213 Paige Avenue				
City:	North Pole	**State:**	ALASKA	**ZIP:**	99705

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Section 2 – Prohibitions

Applicants should review 3 AAC 306.405 – 3 AAC 306.410 and be able to answer "Agree" to all items below.

The marijuana cultivation facility will not:	Agree	Disagree
Sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation	■	☐
Allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on its licenses premises or within 20 feet of the exterior of any building or outdoor cultivation facility	■	☐
Treat or otherwise adulterate marijuna with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana	■	☐

Section 3 – Cultivation Plan

Review the requirements under 3 AAC 306.420, and identify how the proposed premises will meet the listed requirements.

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 first flower room will be 134.4 square feet. Its dimensions are 16 feet 10 inches x 8 feet. The second flower room will be 108 square feet. Its dimensions are 13 feet 6.5 inches x 8 feet. The veg room which is the third room is 50.5 square feet. It's dimensions are 6 feet 8 inches x 7 feet 7 inches. There is a lockable room above the mechanical closet that will contain video footage data, 2 feet x 2 feet.

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

Frozen North Farms is going to use a combination of mediums.. We will be using two different mediums: cocoa fiber/pearlite mix and soil. Cocoa/pearlite mix will be mixed on site in a ratio that is needed for water retention. The medium can be reused for up to a year. Then will be recycled into personal outdoor garden use. Soil will be primarily used with mother plants. We will use the same recycle process for soil as we do cocoa pearlite mix.

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

Frozen North Farms plans on using an Advanced Nutrient Base for its cultivation process. We will also use some nutrients from some other nutrient vendors in our mix to achieve the desired plant production. H2O2 will be used for a cleaning product in our facility. CO2 will be utilized in the cultivation of our cannabis. It will be delivered by a regulated pressure system allowing the CO2 to be distributed the a hose network of the canopy area. It will be turned on and off with digital timers and PPM monitors.

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

Frozen North Farms will use a top feed system with pumps and timers to control water irrigation. Waste water will be piped using a gravity fed system to a grey water area outside the cultivation facility.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Non-cannabis refuse will be discarded in an on-site dumpster. An on-site compost pile for unusable cannabis products will also be used.

Section 4 – Odor Control

Review the requirements under 3 AAC 306.430, and identify how the proposed premises will meet the listed requirement.

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:

Charcoal air filters will be utilized, to eliminate odor from cannabis, on both the intake and exhaust air duct work. Air ionizers may be used as well to further eliminate odors.

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Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the item below.

I understand and agree that:	Agree	Disagree
The board will or the director shall 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	■	☐

Describe the testing procedure and protocols the marijuana cultivation facility will follow:

An in-house cannabis test lab will be established to inspect new harvest samples for contaminants, psychoactive potential, smell, and flavor. A trained cannabis handler will perform various tests to establish potency, taste, smell, and overall effects related to individual strands and consumption methods. An individual employee of Frozen North Farms shall be designated to collect a random, homogeneous sample of each harvest batch of marijuana produced at the facility in amount required by the marijuana testing facility. A signed statement, from designated employee, showing sample was selected at random will be provided to the marijuana testing facility as well as a copy maintained as a business record. Entire batch shall be segregated in a secure, cool, dry location until results from testing facility are provided in writing, to be kept as a business record. No marijuana from batch will be sold or transported until results are provided. Samples of growing medium, soil amendments, fertilizers, crop production aids, pesticides, or water will provided to board as necessary.

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Section 6 – Security

Review the requirements under 3 AAC 306.430 and 3 AAC 306.470 – 3 AAC 306.475, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the two items below.

The marijuana cultivation facility applicant has:	Agree	Disagree
Read and understands and agrees to the packaging of marijuana requirements under 3 AAC 306.470	■	☐
Read and understands and agrees to the labeling of marijuana requirements under 3 AAC 306.475	■	☐

Restricted Access Area (3 AAC 306.430):	Yes	No
Will the marijuana cultivation facility include outdoor production?	☐	■

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

N/A

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Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility cannot be observed by the public from outside the facility:

Frozen North Farms will cultivate cannabis indoors, with no windows. No outdoor cannabis will be grown at this facility.

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 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 perjury that I have examined this form, including all accompanying schedules and statements, and to the best of my knowledge and belief find it to be true, correct, and complete.

Signature of licensee

Aaron Worthen

Printed name

Subscribed and sworn to before me this 14th day of July, 2016.

Amanda M. Kelly

Notary Public in and for the State of Alaska.

My commission expires: 1-19-2020

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(Additional Space as Needed):