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:	Ferguson & Smith Enterprise Inc.	**License Number:**	10107		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Arctic Earth				
Premises Address:	151 A Street Loop #1				
City:	Anchorage	**State:**	ALASKA	**ZIP:**	99518

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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:

Total area footage = 4222.59 sq ft

Downstairs = 2,494 sq ft
Upstairs = 1728.59 sq ft

Drying Room = 126.11 sq ft
Vegetation = 676.5 sq ft
Flower Room = 1944.68 sq ft

Total Cultivation being used = 2621.18 sq ft

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

Expanded clay pellets
Recycled glass grow stone rocks
Sphagnum peat moss
Worm castings
Perlite

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

Compost material from product waste.
Worm castings
Botanicare nutrients
Grotek products
Down to Earth

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

Arctic Earth will be using hydroponics grow method with the waste water being cleaned and reused by method of reverse osmosis filtration. One 275 gallon tank for clean water and one 275 gall tank for dirty water that will be cleaned by the osmosis filtration system.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Solid Waste will be placed in a secure storage room during the 3 day notice period. Solid Waste will be rendered unusable by grinding up and mixed with cardboard,top soil, paper and/or food waste at a 1:1 ratio by method of composting with the worm known as the Red Wiggler. The worms in the compost bins will further rendering Solid Waste unusable. The compost will then be used in dirt plants.

Water Waste will be used to water all soil based plants. Any water left over will be cleaned by method of a reverse osmosis filtration system and reused in the grow.

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:

Arctic Earth will be using a charcoal filter exhaust systems to control odor and insure that it is not detectable by the public from outside the facility. Management will monitor the odor and use logs to record how potent the smell is. More charcoal filters will be added as needed.

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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:

Arctic Earth will submit required sample to licensed testing facility per regulation for every 5lb batch of cultivated and cured marijuana. Marijuana will be stored until testing results are received back from testing facility. Once results are received, Marijuana will begin sales process.

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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:

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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:

Arctic Earth's cultivation facility does not have any windows or areas where the public would be able to observe inside the facility from the outside.

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.

Adam Ferguson
Signature of licensee

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STATE OF ALASKA

Adam Ferguson
Printed name

Subscribed and sworn to before me this 6 day of December, 2016.

CHRISTINA E. LAWRENCE NOTARY PUBLIC STATE OF ALASKA My Commission Expires: 2.14.2020

Christina E Lawrence
Notary Public in and for the State of Alaska.

My commission expires: 2.14.2020

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(Additional Space as Needed):