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:	John Collette	**License Number:**	10489		
License Type:	Limited Cultivation				
Doing Business As:	Ester Horticulture and Research				
Premises Address:	2960 Ester Dome Road				
City:	Fairbanks	**State:**	ALASKA	**ZIP:**	99709

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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 area under cultivation will be will be 480 square feet divided into area for flowering and areas for plant propagation. The remaining building area of approx. 960 sq. ft. is devoted to support, including storage, office hallways, prep areas, harvest and heating equipment.
The area under cultivation is 20 feet by 24 feet (20x25=480). This space is divided into one space for the main flowering area and another area of 6 feet by 16 feet for propagation, for a total of 96 square feet. (6 x16=96). The main flowering area is 20 feet by 20 feet, 20x20=400). (96 ft. + 400 ft. = 496), less 16 sq. ft for a hallway for the doorway to the propagation area. (96 ft. + 400 ft - 16 ft.= 480) JC

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

local peat moss with local sand and a bit of local loess. Amended with garden lime and perlite with added potting soils to specifications. This will be contained in raised beds. JC

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

No carbon dioxide enhancement system in currently planned. The raised beds will be watered using drip irrigation from an interior water tank for temperature adjustment. No water recycling is planned.
The fertilizers used will be common greenhouse soluble fertilizers derived from calcium nitrate, potassium nitrate, ammonium nitrate, potassium phosphate, magnesium sulfate, Iron EDTA and trace elements. JC

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

Water will be transported to the site from a municipal water supply and stored in interior tanks for temperature control, and distributed via drip irrigation. Since the system will not recycle water, the small amount of runoff from the necessary occasional over-watering will be drained to an underground drainage system, or weather permitting, pumped to outdoor gardens. The expected amount of run off will be under 300 gallons per year of mildly nitrogen rich water. The site's water table is at 190 feet and the ground is composed entirely of glacial loess. Pollution of ground water from fertilizer run off is quite impossible under these conditions. Surface run off, due to the small amount of water used, is not a consideration. JC

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Describe the marijuana cultivation facility's waste disposal arrangements:

All plant waste will be dried, accumulated, and weighed. Prior to disposal the MCB will be notified through MTRC and a 3 day waiting period will start. The waste will be ground into potting soil, kitchen waste, grass clippings and other compostable items, and added to the on site compost pile. JC

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:

The outgoing air will be filtered, first with particle filters, and then, during the final stages of growth, carbon filters. The closet neighbor is 800 feet away, so an obnoxious odors will not be a problem. The site is located out of town on 3.5 acres.
The facility is entirely indoors with a single door and no windows. No outdoor growing is expected.
JC

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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:

We will provide a sample of each harvest batch of marijuana to a testing facility and will not sell or transport any marijuana until all testing has been completed.
We will collect a random, homogeneous sample for testing by segregating harvested product into batches of separate strains, then selecting random samples of each batch for testing. We will designate an individual responsible for sample collection and make a record, with a signed statement, showing that each sample has been randomly selected, provide a a signed statement to the testing facility, maintain a copy as a business record, and then, transport the sample to the testing facility.
JC

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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:

All activities will be inside a locked building. No outdoor growing is expected. The building is behind a locked gate and protected by cameras, motion detectors and security alarms.
JC

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

_____
Printed name

Subscribed and sworn to before me this _____ day of _____, 20_____.

_____
Notary Public in and for the State of Alaska.

My commission expires: _____

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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:

Entirely enclosed facility, with one door.

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 AS43.61.010 and 43.61.020 on all marijuana sold or provided as a sample to a marijuana establishment, as required under 3 AAC306.480.

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

John Colletti

Printed name

Subscribed and sworn to before me this 18 day of August, 2016.

State of Alaska
NOTARY PUBLIC
Samantha Ahlstrom
My Commission Expires Jul 5, 2020

Notary Public in and for the State of Alaska.

My commission expires: July 5, 2020

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(Additional Space as Needed):