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:	Green Elephant LLC	**License Number:**	11384		
License Type:	Standard Cultivation				
Doing Business As:	Green Elephant LLC				
Premises Address:	8420 Airport Boulevard, Building B				
City:	Juneau	**State:**	ALASKA	**ZIP:**	99801

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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:

Our facility is 60' x 100' or 6,000 sq. ft.

Curing room 18'x14' or 252 sq. ft.

Trimming/Packaging room 18'x14' or 252 sq. ft.

Electrical/Storage 18'x8' or 144

Security 12'x6' or 72 sq. ft.

Office 20'x6'6" or 130 sq. ft.

The remaining square footage is cultivation and open space.

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

In our garden, we will use the following: soil, perlite, vermiculite, coco coir, peat moss, and hydroponics. Growing medium may be amended with nutrients described in the following answer.

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

Cleaning supplies: bleach, hydrogen peroxide, vinegar, alcohol, and Simple Green.
Nutrients and fertilizers: nitrogen, phosphorus, potassium, calcium, sulfur, magnesium, silicon, boron, chlorine, manganese, iron, zinc, copper, molybdenum, nickel, selenium, sodium, molasses, citric acid, ascorbic acid, maltodextrin, salt, plant-based extracts, guano, composted manure, blood meal, worm castings, mycorrhizae, compost tea, compost, kelp meal. Pest management: plant-based extracts and plant-based pesticides including neem oil, Dawn dish soap, natural extract, pyrethrin. Etc: rooting hormone, cinnamon.

Our facility will use carbon dioxide to enrich the plants. (Cont. on page 8)

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

Plants will be watered and fed using a combination of hand and automated delivery systems. Water from dehumidifiers will be recycled into the plants, minimizing waste. Wastewater will be disposed of in compliance with local laws and regulations. Excess water may be used for outdoor landscaping.

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(Additional Space as Needed):

(Cont. from page 3) The emission of CO_2 gas will be electronically monitored to control ppm throughout the garden to keep it within ideal and safe levels. Our CO_2 use will be in compliance with all applicable regulations.

An MSDS binder will be kept on site with details of all products accessible to employees.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Waste parts from the cannabis plants will be stored for 72 hours after notifying the state in Metrc. It will then be ground and added to a compost tea solution. Any cannabis waste that cannot be recycled into the garden will be securely transported to the local dump. Used soil will be re-amended for further use in the garden. Wastewater will be used to water outdoor landscaping.

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 facility will utilize carbon filters and fans before to exhausting air from the garden. If necessary, we may introduce an ozone generator into the exhaust line after the carbon filters.

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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:

Each batch of cannabis will be tested by a licensed testing facility for potency, microbes, pesticides and any chemicals. Testing samples will be logged into the Metrc system and securely transported to the testing facility.

No cannabis (other than a testing sample which will be tracked in METRC) will be sold or transferred from the facility until testing is complete and satisfactory and packages are labeled in accordance with state regulations.

In accordance with AAC 306.455, a "random, homogenous sample" will be collected from each batch of each strain. The individual designated for collecting the sample with sign a statement verifying compliance with the aforementioned regulation. The statement will be provided to the testing facility and will be kept on file. A transport manifest will also accompany the sample and will be kept on file.

The batch of cannabis to be tested will be segregated to an area with conditions intended to maintain quality.

The testing sample will be transported in accordance with AAC 306.750. Once testing is completed, cannabis to be packaged will be done so in accordance with AAC 306.475.

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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:

There is one ground-level window which is currently secured and covered with metal screening. It is not functional or penetrable, and from the outside offers only a very obscured view of the office.

The owner of the building plans to remodel the outside of the building and will remove the window.

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

Richard Dudas

Printed name

Subscribed and sworn to before me this 19 day of January, 20 17.

STATE OF ALASKA
OFFICIAL SEAL
Elizabeth Parsons
NOTARY PUBLIC
My Commission Expires 08/08/2018

Notary Public in and for the State of Alaska.

My commission expires: 8-8-18