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:** | Jacob Nyman | **License Number:** | 11556 | | |
| **License Type:** | Limited Marijuana Cultivation Facility | | | | |
| **Doing Business As:** | Green Thumb Solutions | | | | |
| **Premises Address:** | 47375 Aries Ct | | | | |
| **City:** | Soldotna | **State:** | ALASKA | **ZIP:** | 99669 |

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

## 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 overall cultivation facility is 14x14 ft or 196 sq. ft. Within the overall facility the area that will be used for actual cultivation will be approximately 10 x 14 or 140 sq. ft.

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

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

Growing mediums will consist of a combination of traditional soils, rock wool, coco based, and pearlite. Variations of the above listed mediums will be determined by species of plants and overall plant health.

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

Fertilizers used at this facility will consist of a variety of products from Humboldt nutrients and Advanced Nutrients. I will also be using PH adjusting chemicals as needed. Delivery of these nutrients will be distributed during determined scheduled waterings as needed. Carbon Dioxide will be used only as needed and delivery system will only be used and present when additional Co2 is needed. The delivery system will consist of a commercial Co2 propane burner, connected to a standard portable LP tank, this will be stored within the cultivation facility. Occasionally when necessary I will use Safer brand pesticides and mildew preventer.

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

The irrigation to be used will be a table with water reservoir system. Waste water is recirculated back into a storage tank to be reclaimed and reused.

Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

**Describe the marijuana cultivation facility's waste disposal arrangements:**

My plan is to generate very little waste throughout the operation. Plant matter should be mostly used through sale of the flower and the trim and other products generally considered waste will be sold to a marijuana product manufacturing facility to be used in edible product and or concentrates. What plant matter that is unusable will be destroyed by grinding the plant material and mixed with compositble food waste, yard waste and or other organic compostible materials. I do not anticipate much waste from water as I plan on reusing runoff as much as possible. What little water waste is generated will be reclaimed to be used on my outside residential non marijuana garden. Any wasted growing mediums will be taken to the Kenai Borough Waste facility for proper disposal.

## 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:**

I do not expect there to be a large issue with odor control as the facility is in an underground sealed location. I will use a ozone generator if necessary to control the odor from emitting to a detectable level to the public.

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

## 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:**

Testing procedures will follow 3 AAC 306.455. Required laboratory testing.
During standard testing for product intended for sale. I will randomly select a sample of product as described in AAC 306.455. Product will be segregated into batches and strains. A prepared signed statement will be provided by me authenticating the random selection of the product. Copies will be kept and maintained as a part of my business records. I will then transport the product to a designated testing facility in accordance with 3 AAC 306.750.
If and when the board or director require samples of any of the items used in my cultivation facility, I will fully cooperate with the request and segregate requested product and transport the product to the requested location.

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

## 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:**

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

**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:**

The facility is located in an underground bunker only accessible from the inside of my house. There is no way for the public to observe any of the activities on the premises.

**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

Jacob Nyman
Printed name

Subscribed and sworn to before me this 15 day of Feb, 2017.

MADELEINE WILCOX
My Commission Expires
NOTARY PUBLIC
May 12, 2019
STATE OF ALASKA

Notary Public in and for the State of Alaska.

My commission expires: 05/12/19

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

**(Additional Space as Needed):**