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:** | HAPPY TREES, LLC. | **License Number:** | 13416 | | |
| **License Type:** | STANDARD MARIJUANA CULTIVATION FACILITY | | | | |
| **Doing Business As:** | HAPPY TREES, LLC. | | | | |
| **Premises Address:** | 2750 PICKET PLACE | | | | |
| **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:**

Total size to be under cultivation is: 4,236.19 sq ft.

• Cloning and starters will be done in lower of two mezzanine which is 387.39 square feet. Length 34'9" X width 11'1"

• Vegetative and flowering stages will take place in large open space on ground level 3,848.8 square feet.
Length 80' X width 48'11". Once started the plants will be planted in large planters and go through whole process in that same space.

Total Under Cultivation: 4,236.19 SQ. FT.



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

Growing medium:
Ground up Alaska peat from Great Northwest on college
Premier Pro mix BX - Canadian Sphagnum peat moss (75-85 % / volume) Perlite -horticultural grade Vermiculite horticultural grade Dolomitic and Calcitic limestone (pH adjuster) Wetting Agent Mycorrhizae - endomycorrhizal fungi (Glomus intraradices).

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

Nutreints:
Gringo Rastas liquid fertilizer line
Foxfarm liquid fertilizer line
Tiger Bloom liquid fertilizer line
Necter of the gods liquid fertilizer line
Speedyveg organic growth accelerator
Boogie brew compost tea

Cloning:
Clone X cloning gel

Soil Amendments:
SLF 100
PH up PH down

Insect Control:
Fox Farm don't bug me premix
Bush Doctor Force of Nature line
Captian Jacks Dead Bug Brew
Flying Skull Nuke Em organic
Neem oil

Cleaners:
Windex, Simple Green, bleach, Dawn dishsoap, rubbing alcohol

No $CO_2$.

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

Plants will be watered by means of hand watering, water can, or by means of a reservoir fed, timer controlled, metered drip emitter style system. The irrigation system to be used in the proposed cultivation facility is designed to minimize waste. All excess run off from plants will be collected in collection containers, reused and any remainder will be allowed to evaporate.

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

All marijuana waste will be mixed and mulched with household garbage consisting of paper and food products in a 50/50% ratio and made unusable. Once this is done, the mulched material will be reused again in home gardens etc. The Fairbanks Landfill is also willing to take the mulched product once the material has been rendered unusable per statute.

## 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:**

Canister style, activated carbon filters will be utilized in conjunction with ducted fans within the proposed cultivation facility to prevent any marijuana odor from being detected by the public. Ozone generators may be utilized if determined necessary near exits to mitigate any unwanted smell from exiting the facility that may/could exist.



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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:**

Upon notification that the board or the director require samples for random compliance checks of the proposed facility, a licensee or an authorized agent of the proposed facility will notify an independent testing laboratory (of the states' choice if applicable) to send a representative to collect the required samples. This way, a chain of custody is established, and the possibility of unintentional contamination due to improper sample collection practices is minimized.

All marijuana product batches will be tested for a battery of state required impurities and/or contaminants by a state licensed lab in accordance with 3 AAC 306.455. The facility will collect random samples from homogeneous batches of individual strains of bud or flower in the amount required by the selected testing facility. Harvested marijuana will be segregated in five pound lots. While results are pending, batch will be "quarantined" until it is deemed acceptable by the testing facility.

We will further select homogeneous samples from our cultivation facility for random testing during our growing cycles in order to ensure the highest of quality of standards are met.



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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:**

The proposed facility is designed to be a completely indoor growing cultivation facility. There will be no direct outside access from the designated growing area. No marijuana will ever be visible to the public.

**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.

Ryan C
Signature of licensee

Ryan Castle
Printed name

Subscribed and sworn to before me this 31 day of July, 2017.

JESSE WIDRIG NOTARY PUBLIC STATE OF ALASKA

Notary Public in and for the State of Alaska.

My commission expires: 08/16/2020

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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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**(Additional Space as Needed):**

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