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:	AKfunding LLC	**License Number:**	15388		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	AKfunding LLC				
Premises Address:	12975 W. Horizon Way				
City:	Houston	**State:**	ALASKA	**ZIP:**	99694

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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 size and space intended to be under cultivation
824 square feet of growing space, which is located in a restricted-access area
Mother Room, Approx. 172 Sq Ft, 28'x6'
used for mothers, clones and vegetative growth of young plants
mothers will be kept in a natural soil mixture and young plants will be grown in a hydroponic system using natural clay pellets and a return watering system that provides for very little waste of either solid or liquid form
Flowering Rooms
2 adjoining rooms totaling 648 Sq ft of space. 11'x28' and 11'x28'
These rooms have a door between them but will be used in unison.
flowering plants will be grown in hydroponics using natural clay as the medium with a return water system that limits waste

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

Growing mediums to be used:
Natural soil mixture with added perlite and lime for mother plants
Hydroponic system for all plants intended for cultivation consisting of a natural clay medium
Clones will be started in Root Riot sponges made of organic composted materials

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

A light nutrient solution based with both "Advanced Nutrients" and "General Hydroponics" line of plant nutrients. The plants will be fed with a recirculating timed feeding system that allows for very little liquid waste
Chemicals are not used as pesticides, an environment in which the plant grows healthy allows for the plant to fight pests and disease without pesticides.
A dehumidifier will be used to control humidity.

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

A private well is used to fill the feed reservoirs and is mixed with the nutrient solution. This solution is then used and reused and fresh water is added throughout the plants life. At the end of the plants feeding cycle (6-7 weeks into its flowering life) the reservoir is allowed to run low and the remainder of the solution is discarded and the plants are flushed with a fresh water cleanse. This amounts to about 20 gallons of waste a week from flowering plants and another 20 gallons every 4 weeks from the young plants as the reservoirs are cleaned and renewed This minimal amount of waste water is discharged into the private on site septic system.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Root balls will be greatly disassembled and the clay medium will be removed and recycled. The remainder of the root ball and any other waste from the plant will be weighed, tagged, and added to the compost piles made up of leftover landscaping materials on site from clearing and construction as well as yard clippings and reduced to mulch.

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:

We will use an HRV (heat recovery ventilation) system along with carbon filters for scrubbing all exhausted air and air exchanged within the facility.
A collection of lights will be cooled with air that is also scrubbed with charcoal filters.
The operation will be set up in a way that allows for positive airflow at all times and all air is filtered before it is exhausted to the exterior.
Dehumidifiers will be used to maintain optimal humidity levels to promote healthy growth.
The buildings normal heating and cooling systems will be used to provide a constant and stable atmosphere.

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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:

AKfunding LLC intends on having weekly harvests of "crops" of one strain weighing less than 5 pounds.
When a crop of marijuana is harvested a random sample of up to 7 grams will be packaged and transported as defined above to a state licensed testing facility.
The testing lab will test it using accepted methods.
Marijuana or byproducts will not be sold until testing has been done and the product has passed the minimum requirements of the state.
If a lot of tested marijuana fails, the entire lot, with the approval of the MCB will be sold off to a licensed manufacturing facility to be reduced to a usable product by way of a solvent-based extract.

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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:

The facility was specifically designed for Marijuana cultivation and has no exterior windows, There is a double door entranceway and beyond that all cultivation areas are behind their own closed doors as shown in the premises plan. The interior doors are equipped with self closing hinges to insure that they are not left open.

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.

James Hess
Signature of licensee

James Hess
Printed name

Subscribed and sworn to before me this 20 day of September, 2017.

OFFICIAL SEAL
Vickimari Horton
Notary Public-State of Alaska
My Comm. Expires: 03/18/2018

Notary Public in and for the State of Alaska.

My commission expires: 03/18/2018

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(Additional Space as Needed):