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:	Alaskan Mountain Trails, LLC	**License Number:**	13396		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	High Flower Farms				
Premises Address:	9525 King Street, Suite 2				
City:	Anchorage	**State:**	ALASKA	**ZIP:**	99515

Received by AMCO 04.23.18

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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 approximate space of the cultivation facility is 4,929 s/f with the bloom and mother/clone vegetation rooms measuring approximately 2,762 s/f with the following dimensions.

Bloom Room 1: 24'-6" x 47'-4" = 1,114 sq ft (minus the electrical room)
Bloom Room 2: 20'-8" x 47'-4" = 930 sq ft (minus the nutrients & supplies room)
Mother/Clone Vegetation Room: 26'-6" x 28'-3" = 718 sq ft (minus the doorway area)

Approximate sq ft under cultivation = 2,762 sq ft

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

Alaska High Flower will use Rockwool growing cubes, coco and soil as growing mediums with a combination of materials and substances. The cultivation facility will also have a system installed that will provide automatic drip irrigation in conjunction with a nutrient dispensing system.
Hand watering will be used for clones and for other plants as necessary.

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

High Flower Farms will use the following fertilizers and plant nutrients from Advanced Nutrients pH perfect technology which is a three part base nutrient which includes Grow, Micro and Bloom or comprable products on the market. The nturients added as fertilizer include: Nitrogen; Calcium; Potassium; Manganese; Magnesium; Sulphur; Zinc; Iron;

A Dosatron fertigation system for water powered proportional nutrient dispensers and dilution equipment will be used.

For Co2 enrichment, propane burners will be used and controlled by automatic sensors so that they operate at maximum efficiency and infuse Co2 into the flower rooms. Alarm sensors will be used to detect any unsafe levels of CO2 within the facility.

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

High Flower Farms will use a drip irrigation system for all growing cycles and potentially hand watering for specific maintenance reasons and for clones. There will be little to no water runoff from these watering systems. The facility will use a closed loop system at which point any water run off will be captured and reused if possible. Wastewater that is not reused will be stored in a large storage tank for disposal in compliance with Anchorage Waste Management Systems requirements.

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Describe the marijuana cultivation facility's waste disposal arrangements:

All waste products will be handled and disposed of in compliance with city and state ordinances. Marijuana waste will be stored in locked containers until it can be rendered unusable and disposed of. A notice will be sent to AMCO enforcement, via email, not later than three days prior to rendering waste unusable. All marijuana waste will be ground and mixed with clean fill soils, food waste, yard waste, vegetable oils, paper waste or cardboard as well as packaging waste material at a mix rate of no less than 50/50 and transported by approved transport to the landfill facilities as prescribed by ordinance. The facility will maintain a log on the status of all marijuana waste, tracking the type, date of disposal, date it was rendered unusable, and final destination.

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:

Our method of odor control will be to utilize Odor Reduction Air Carbon Filters. Any of the areas from which any exhaust is emitted will be scrubbed to ensure the elimination of any pass through odors.

In addition, once every week one employee will be tasked with going to each property line of the property to conduct a "smell test". The "smell test" will consist of the employee walking to each edge of the property line and will attempt to smell marijuana from the edge of the property line. If marijuana smell is present at the edge of property line - the facility will replace the charcoal filters (if necessary) or install additional smell controls.

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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:

High Flower Farms will comply with all testing regulations to ensure the marijuana propagated at the facility complies with all legal requirements. To do so we will work with the authorized testing facilities and implement their testing protocols into our testing procedure.

METRC will track every individual plants life cycle with an assigned record number. All flower bud harvested from the numbered plants will be processed into batches of not more than five pounds. A sample of each batch produced shall be packaged and sent to the licensed testing facility. The company will not sell or transport any marijuana from that batch until testing has been completed. The individual responsible for collection will prepare a signed statement attesting that each sample was randomly selected, provide a signed statement to the testing facility and maintain a copy as a business record. The will facility will transport all samples to a licensed testing facility in compliance with the state regulations and the company's transportation policies.
The remainder of the batch being tested will be quarantined in a secured, dry, clean and cool storage container in the drying room to prevent contamination. High Flower Farms will maintain all testing results as part of its business books and records and enter the results in METRC.

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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:

This proposed cultivation facility has no areas that would be considered viewable by the public. All cultivation activities will take place within the facility and any marijuana being transported to another licensed facility will be packaged in opaque packaging prior to being moved to the transport vehicle. Any vehicle used by the facility to transport marijuana will be unmarked and inconspicuous to give no indication that marijuana is being transported.

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

CHRISTINA THIBODEAUX
Notary Public
State of Alaska
My Commission Expires Mar 31, 2021

Catherine Moncrieff

Printed name

Subscribed and sworn to before me this 4 day of October, 2017.

Christina Thibodeaux

Notary Public in and for the State of Alaska.

My commission expires: March 31, 2021

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(Additional Space as Needed):

Sample cultivation label:

Business Name: High Flower Farms

License Number: 13396

Batch/Lot Number:

Gross Weight: Net MJ Weight:

Packaging Date: Best By Date:

Strain:

Tested By: License Number:

Total THC: THCA: CBD: CBDA: CBN:

Microbial Test:

Fungicides: Herbicides: Fertilizers: Soil Amendments:

Alaska Safety Warning: Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.

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