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:	7107 Ventures, LLC	**License Number:**	10035		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Arctic Herbery				
Premises Address:	7107 Arctic Blvd				
City:	Anchorage	**State:**	ALASKA	**ZIP:**	99518

Received by AMCO 2.2.18

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

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 square footage of the cultivation facility is approximately 974 square feet with 3 rooms under cultivation.

There are two veg rooms and one flower room.

The smaller veg room is 9' x 13' for a total of 117 square feet.

The larger veg room is 10' x 20' for a total of 200 square feet.

The flower room is 14' x 23' for a total of 322 square feet.

The total area under cultivation is approximately 639 square feet.

Received by AMCO 2.2.18

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

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

The following growing mediums are used:
Natural soil mixture with added perlite and lime for mother plants.
Hydroponic system consisting with 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 are used. The plants are fed with a recirculating timed feeding system that allows for very little liquid waste to be generated. Any liquid waste that cannot be re-used in the hydroponics system is collected and poured down the facility drain.

Chemicals are not used as pesticides, an environment in which the plant grows healthy allows for the plant to fight pests and disease without the use of pesticides.

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

City water 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 (by pouring down the facility floor drain) and the plants are flushed with a fresh water cleanse. This amounts to about 20 gallons of wastewater per week from flowering plants and another 20 gallons every 4 weeks from the young plants as the reservoirs are cleaned and renewed

Received by AMCO 2.2.18

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

Describe the marijuana cultivation facility's waste disposal arrangements:

Arctic Herbery will ensure that all marijuana plant waste is rendered unusable prior to leaving the facility and will maintain a log on the final destination of all marijuana plant waste. All marijuana marked for disposal will be stored in a secured bin, separated from all other marijuana and materials, until it can be rendered unusable. An email will be sent to AMCO Enforcement at least 3 days prior to rendering any marijuana plant waste unusable. Marijuana plant waste is rendered unusable by grinding and mixing with at least 50% other solid non-marijuana wastes. Once rendered unusable, marijuana will be securely stored in locked containers located on the premises until it can be disposed of at the Municipal landfill or composted.
Wastewater generated during cultivation of marijuana will be discarded via the on-site drain connected to the city sewer system.

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:

Commercial grade 8' fans combined with carbon filters are used to scrub all exhausted air and air exchanged within the facility.
The cultivation operation is set up to allow for positive airflow at all times with air being filtered twice before it is exhausted to the exterior of the building.
Dehumidifiers are also used to maintain optimal humidity levels.
The building heating and cooling system also helps to provide a constant and stable atmosphere - this air is also filtered before being vented outside.

Received by AMCO 2.2.18

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

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:

All harvested marijuana is processed into batches. A designated employee/agent from the facility collects a testing sample at random from each batch. That individual prepares a signed statement attesting that each sample was randomly selected, provides a signed statement to the testing facility, and maintains a copy as a business record. The facility transports all samples to a licensed testing facility in compliance with the state regulations and the company's transportation policies. The facility takes care to ensure all individuals transporting marijuana have a valid marijuana handler permit issued by AMCO. While awaiting the testing results, the remainder of the batch is segregated in the secured quarantine area. Arctic Herbery maintains all testing results as part of its official business records, and enters the results in METRC. Arctic Herbery will comply with any request from AMCO for a random sample from any growing medium, soil amendment, fertilizer, crop production aid, pesticide, or water and shall bear the expense for all such requests.

Received by AMCO 2.2.18

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

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:

Received by AMCO 2.2.18

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

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 are no windows in the cultivation facility and only one exterior door. The exterior door is equipped with self closing hinges to ensure it is not left open.
All growing processing, curing/drying/trimming, packaging and labeling activities take place inside the facility, not visible from the outside. When marijuana is moved to the transportation vehicle it is done discreetly and always packaged in opaque packaging before being moved outside the facility. Vehicles used by Arctic Herbery for transport are not marked in any way to give any indication to the public that marijuana is on-board.

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.

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

Signature of licensee

Bryant Thorp
Printed name

Subscribed and sworn to before me this 11th day of December, 2017.

Christina Thibodeaux
Notary Public in and for the State of Alaska.

My commission expires: March 31, 2021

Received by AMCO 2.2.18

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

(Additional Space as Needed):

Cultivator: Arctic Herbery **License No:** 10035
Harvest Batch No: ECBD12.8.17 **Package No:** 1A405030001B5000000789
Net Weight: 454g Flower **Strain:** Wino
Testing Facility: CannTest **License No:** 10009
THC: 12.87% **THCA:** 13.94% **CBD:** 0.1% **CBDA:** 0.03% **CBN:** 0.01%
Microbial Test: Passed **Fungicides:** None **Pesticides:** None **Herbicides:** None
Fertilizers: Ancient Earth Organic OIM, FloraGro **Soil Amendment:** None
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.

*Arctic Herbery only sells in wholesale packages and does not use their logo on labels or packaging at this time, but may do so in the future - see logo below

Arctic Herbery
ALASKA'S ORIGINAL HERBERY

Received by AMCO 2.2.18