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:	Carol J Waldo	**License Number:**	12680		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Glacier Bay Farms				
Premises Address:	17 Helms Loop Spur				
City:	Haines	**State:**	ALASKA	**ZIP:**	99827

Received by AMCO 1.29.18

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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 dimensions of each building of the proposed facility will be 24'x88'. Each building will be 2,112 square feet. The two buildings will have a combined square footage of 4,224 square feet. Each building will have a separate rooms designated for vegetating and flowering plants. The room designated for vegetating plants will be 24'x28' and the rooms designated for flowering plants will be 26'x24'. Vegetation rooms will have a combined square footage of 1,344' and flowering rooms will have a combined square footage of 2,496'. In total, the proposed facility will have 3,840 square feet designated for all stages of plant growth.

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

Glacier Bay Farms (GBF) will use a 70/30 blend of coco coir and perlite for its growing medium.

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

The proposed facility will use an automated delivery system to water our plants. All water used in the facility will be purified using a reverse osmosis filtration system. Once water is purified, organic and synthetic fertilizers rich in nitrogen, phosphorous and potassium will be added, along with other micronutrients and beneficial microbes.
Each time plants are fertilized, additives will be recorded into the METRC system. Using its convenient logging system, GBF will log the date, name of the fertilizers used, the application device and total amount applied to specified plants. In addition to recording the 'in facility' information, the EPA regulation number will be noted with each application.
Carbon dioxide will be managed with a CO2 generator that runs on liquid propane. The propane will be burned with safe, certified CO2 burners, that are hooked directly up to a commercially serviced, outdoor propane tank.

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

GBF's irrigation system will consist of well water filtered by a reverse osmosis system. All nutrient run-off generated in the irrigation process will be collected and stored in a collection tank. This tank will be emptied weekly and brought to the local waste water management facility for treatment. All wastewater generated by the reverse osmosis system will be drained into an on-site septic system approved by a licensed environmental/civil engineer.

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Describe the marijuana cultivation facility's waste disposal arrangements:

All plant waste will be weighed and logged through METRC in compliance with AAC 306.740. All plant waste that cannot be sold as usable marijuana will be ground up and stored in sealed containers. Once in containers, water and soil will be added to break down plant matter and render it unuseable. Waste will then be added to a compost pile.

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 facility will eliminate odor by using perpetual in room carbon scrubbers. Carbon scrubbers will force contaminated air over a bed of activated carbon to remove contaminants, impurities and odor.

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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:

GBF will segregate each individual strain of harvested marijuana into batches, then select a random, homogenous sample from each batch. The designated individual will prepare a signed statement certifying that the sample was randomly selected for testing in accordance to 3AAC 306.455. These samples and the prepared documents will be delivered to a licensed independent testing laboratory. A copy of the signed statement will be kept for Glacier Bay Fa rms business records. In addition to providing samples of our product, GBF will comply with 3 AAC 306.465 and provide random samples of growing medium, soil amendments, fertilizers, crop production aids, pesticides and water for random compliance checks. We understand that we will bear the cost of testing. We will cooperate with the licensed testing facilty selected by the board director to facilitate the collection.

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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:

All of GBF's cultivation related activities will take place inside the proposed cultivation facility. The proposed facility will be a windowless inconspicuous set of buildings. The proposed facility is also located over 1,000 feet off the public road and out of clear site.

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.

C. J. Waldo

Signature of licensee

Carol J. Waldo

Printed name

Notary Public
ALEXANDRA P. FULLERTON
State of Alaska
My Commission Expires Oct. 10, 2020

Subscribed and sworn to before me this 26th day of January, 2018.

Alexandra P.

Notary Public in and for the State of Alaska.

My commission expires: 10/10/20

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