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 **Form MJ-01: Marijuana Establishment Operating Plan**, 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 the statutes and 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
- Waste disposal
- Odor control
- Testing procedure and protocols
- Packaging and labeling

This form must be completed and submitted to AMCO's main office before any new or transfer application for a standard marijuana cultivation facility or limited marijuana cultivation facility license 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	**MJ License #:**		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

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Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the flow of marijuana from seed or clone to harvest and transfer from your premises:

Clones will be taken from mother plants. Once roots are seen, clones will be transplanted into small containers. Once plants reach 8" tall, they will be tagged and logged into METRC, as vegetative plants. Plants will then be grown for 1-2 weeks, and then transplanted into one gallon pots. Plants will then be grown for 1-2 weeks, and then transplanted into 2-3 gallon pots. They will then be put into a trellis. After a few days in the trellis, they will be switched to flowering phase and logged into METRC as flowering plants. They will also be lightly defoliated at this time, and all waste will be logged into METRC. They will then be grown for three weeks, at which time they will be defoliated again. Another trellis will be dropped in place to support the buds. After flowering is deemed complete, plants will be individually cut down and weighed wet on an approved scale. They will then be trimmed and all waste logged into METRC. The plant stalks will be hung to dry in a secure climate controlled environment. After one to two weeks, depending on cola size, plants will be cut from stalks and put into a harvest batch, labeled in bins and left to cure for 3-6 weeks. Once curing is complete, the product will be put into 5 pound packages, labeled per METRC guidelines, and stored in a secure area until a sale is initiated. During this time, a sample will be sent to a licensed testing facility for review. Once the test is passed, it will be logged into METRC. Once a sale is initiated, a manifest will be created contains all required driver, vehicle information, route, time and date as well as the facility/retail store number the product will be transported/sold to. The product will then be transported in a secure fashion exactly as described in the manifest. Upon arrival to the buyer, the product will be reweighed on a certified scale, and logged as accepted into METRC.

Section 3 – Prohibitions

Review the requirements under 3 AAC 306.405 and 3 AAC 306.410.

3.1. I certify that the marijuana cultivation facility will not: Initials

a. **sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation;** CW

b. **allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on the licensed premises or within 20 feet of the exterior of any building or outdoor cultivation facility; or** CW

c. **treat or otherwise adulterate marijuana with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana.** CW

Section 4 – Cultivation Plan

Review the requirements under 3 AAC 306.420 and 3 AAC 306.430.

4.1. 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 the entire facility are 24x88 totaling 2112sqft. Each of the three cultivation rooms is 25x24 totaling 600sqft each. Each room will have 8 4x8 tables for growing on totaling 768sqft of growing space in all the rooms combined.

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Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.2. The proposed area(s) for cultivation are clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application. [CW]

Answer "Yes" or "No" to the following question: Yes No

4.3. Will the marijuana cultivation facility include outdoor production? [ ] [✓]

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground and how it is fully-enclosed by a physical barrier:

4.4. Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility, whether indoors or outdoors, cannot be observed by the public from outside the facility:

The building is located deep within the private property and surrounded by woods, blocking all views from the public areas. There also is a locked entry gate at the entrance to the entire property. Only authorized personal will be allowed on the property.

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

ProMix Bx Soil

4.6. Provide the complete product name and EPA registration # (if applicable) for each of the cultivation facility's pesticide and pest control product to be used. All proposed products must be on DEC's list of approved pesticides in the state of Alaska:

Venerate XC Bioinsecticide 84059-14, Grendevo WDG 84059-27

4.7. Describe all other fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used at the marijuana cultivation facility:

GBF will use a sump pump and watering hose to water plants out of an RO supplied reservoir in each grow room. The macro nutrients and micro nutrients will all be logged into METRC upon use, including application rates and dates of application. These nutrients include, FloraFlex Base Nutrient, Aptus Fascilitor Silica and Botanicare CalMag as well as VegBloom for flower. We will also use UC Roots for root health. We will not be using CO2 enrichment in our facility.

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

Water will enter the facility via the city tap water source and filter through a HydroLogic Evolution 1000GPD RO filter. it will then be distributed to reservoirs in each room, where nutrients will be added as needed and water then applied to the plants. Waste water from the plants will be diverted via 4x8 spill trays into a reservoir and then transferred into a truck tank for transportation to be disposed of in the local wastewater treatment system. The RO wastewater will be sent down the facility drains into the DEC approved grey water tank.

Section 5 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

5.1. The marijuana cultivation facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it. CW

5.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including wastewater generated during marijuana cultivation, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown:

Our facility will only have plant waste. We will give the required notice to the board before disposing of marijuana waste. Once weighed and logged into METRC, all waste will be ground and mixed in bins with a combination of food scraps/natural top soil mix, in clear view of the camera. Once this waste is deemed unusable, it will be transported out of the facility and dumped into a compost pile in front of the facility, and this process will be recorded.

The final mix of compost/marijuana will not be more than 50% marijuana.

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Section 6 – Odor Control

Review the requirements under 3 AAC 306.430.

Answer "Yes" or "No" to the following question:	Yes	No
6.1. Have you received an exemption from your local government for the odor control requirement set forth in 3 AAC 306.430(c)(2)?	☐	☑

If "Yes", you must be able to certify the statement below. Read the following and then sign your initials in the box:	Initials
I am attaching to this form documentation of my odor control exemption from the local government.	

If "No" to question 6.1., 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:

GBF will utilize carbon scrubber to control odor in the facility. The location of the buildings is deep within private property and surrounded by trees, adding even more smell control. Also, an employee will conduct a weekly smell test, going to the edges of the property and doing a "smell test". If an odor is detected, more carbon scrubbers will be added to the facility to get odor to a suitable level.

Section 7 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465.

You must be able to certify each statement below. Read the following and then sign your initials in the corresponding box:	Initials
7.1. I understand and agree that the board or director will, 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.	CW
7.2. I will ensure that any individual responsible for collecting random, homogenous samples for required laboratory testing under 3 AAC 306.455 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755.	CW

7.3. Describe the testing procedures and protocols the marijuana cultivation facility will follow:

BGF 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 with 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 as GBF business records. In addition to providing samples of our product, GBF will comply with 3AAC 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 facility selected by the board director to facilitate the collection.

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Section 8 – Packaging and Labeling

Review the requirements under 3 AAC 306.470 and 3 AAC 306.475.

Answer "Yes" or "No" to the following question:	Yes	No
8.1. Will the marijuana cultivation facility be packaging marijuana for a retail marijuana store to sell to a consumer without repackaging?	☐	☑

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

Answer "Yes" or "No" to the following question:	Yes	No
8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages?	X	☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

Marijuana sold in wholesale packages will not contain more than 5 pounds of usable marijuana. The strain will be clearly labeled on the package. Marijuana will be double sealed in thick vacuum bags to ensure that no smell can be detected during transport. These will then be placed in a locked, sealed, and tamper-evident container for transport. An appropriate label will be placed on the shipping container, and a manifest created to remain with the package at all times. A copy of this manifest will be given to the establishment receiving the package. Every harvest batch of marijuana sold will disclose each soil amendment, fertilizer, pest/herb/fungicide used and the name of the lab where testing was done/results/cannabinoid potency profile. No "organic" labeling will be used. Our label will contain, name/license number, inventory tracking number, weight of dry bud using acceptable standard of measure, list of pesticides, and a statement listing results of any other containments found in the test results. We will not ship untested marijuana.

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 AS 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 unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

Signature of licensee

Notary Public
DONNA M. LAMBERT
State of Alaska
My Commission Expires Jan. 16, 2022

Notary Public in and for the State of Alaska

Carol J. Waldo
Printed name of licensee

My commission expires: 1-16-2022

Subscribed and sworn to before me this 8th day of November, 2019.

License # 12680

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Glacier Bay Farms

License Number: 12680

Inventory Tracking Number: 123456

Strain: Ice Cream Cake

Testing Lab: 12345

Test Results: Passed

Cannabinoid Profile: THC 33.1%, CBD 1.2%, CBN 0.1%

Pesticides Used: Grendevo, Venerate, Regalia

Fertilizers Used: FloraFlex V1,V2 Cali-Magic, UC Roots, VegBloom, Aptus Facilitor, Aptus Starboost

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