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Alcohol and Marijuana Control Office
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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:	The Fireweed Factory LLC	**MJ License #:**	4a-10266		
License Type:	Standard Cultivation				
Doing Business As:	The Fireweed Factory LLC				
Premises Address:	8415 Airport Blvd Space B				
City:	Juneau	**State:**	Alaska	**ZIP:**	99801

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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:

We start our immature plantings from seeds and clones in our vegetation room. Once big enough, plants then receive Metrc tags. When the plants are ready, they are moved into our flowering rooms. After the plants are finished flowering they will be harvested, weighed and moved into our drying room. Once dry, the harvest batches are weighed, tagged and then put into labeled buckets for curing. They are then placed into our product storage room. Random samples from each harvest batch are taken and sent to a testing lab. After the harvest batches have passed testing the plant material is then trimmed, packaged and tagged. When the product is ready to be transfered, a manifest is created and transporter then delivers the product to a licensed location.

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;** P.V.D.

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** P.V.D.

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.** P.V.D.

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 overall size of the cultivation facility is 44' x 49' with a total of 2156 sq. ft. We have four 190 sq. ft. flowering grow rooms, each one measuring 10' x 19' for a total of 760 sq. feet.
We have one vegetative/mother plant grow room totaling 328 sq. ft. and an extra 7ft x12ft, 84 sq. ft mother plant space.

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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. F.U.P.

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:

Our cultivation facility is located away from the public right-of- away. It has only one entrance door, no windows and faces private property. No cannabis is visible from the entrance when the door is open.

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

We will use organic soil, coco coir, rockwool and peat based planting plugs.

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:

Regalia Organic Biofungicide by Marrone Bio EPA# 84059-3

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

Products used for cultivation will be Veg+Bloom, General Hydroponics Cal-mag, Tidal Vision High Tide, Epsom Salt, Elite 91 Roots, Mammoth Microbials, Organic Vitazyme, SLF100 Enzymes, Great White Mycorrhizae, Power Si, General Hydroponics PH Up and PH Down, Wilt Pruf Anti Wilt Spray, Elite 91 Clones Rooting Compound and EZ Clone Rooting Gel.

Each grow room will contain a computer controlled CO2 system to keep CO2 at the desired levels while the lights are on. CO2 systems will use 50 lb. tanks located outside each grow room. Each system will have a manual shutoff valve and will be connected to a computer controlled CO2 monitor located in each room.

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

Our plants will be irrigated either by hand or with an automated hydroponic system consisting of drip lines. There will be no fertilizer runoff and will have no leftover or residual fertilizers to dispose of. Waste water from the shop sink and condensate from the dehumidifiers will go into the city sewer system.

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. [illegible]

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:

After plant waste has been weighed, recorded and reported it will be stored in a freezer located in a storage room for at least three days. The plant waste will be ground with an industrial grade grinder and mixed 50:50 with non-plant waste, it will be disposed of at either the Juneau landfill or composted at a designated private residence. Non-plant waste will be disposed at the Juneau landfill. Waste water from dehumidifiers will be drained into the city sewer system. Any hazardous waste will be disposed of at the Juneau hazardous waste disposal location.

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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:

Each room in the facility that contains cannabis will have an activated charcoal filter system connected to an inline fan with the proper cfm rating for the volume of the room. Each filter will continuously clean the air of odor particles and be replaced at least once a year. All grow rooms will be sealed, with no air coming in or out, except when the doors are opened for access by employees. The drying room and trimming rooms will also have charcoal filter systems running at all times.

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.	[illegible]
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.	[illegible]

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

Harvested cannabis will be segregated into batches of individual strains and then a random sample will be collected by a designated employee from each batch in an amount required by the testing facility. The designated employee who collects each sample will prepare a signed statement showing that each sample has been randomly selected for testing and provide the signed statement to the testing facility. The employee will create a copy as a business record under 3 AAC 306.755 and then transport the sample to the testing facility in compliance with 3 AAC 306.750.
The entire batch from which the sample was taken will be segregated in a secure, cool and dry location until the testing facility reports the results from its tests. All testing results will be kept on file at the cultivation facility.

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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:

After receiving positive test results, the approved batches of dried cannabis will be packaged for retail in quantities not exceeding one ounce. Packages will be child resistant, opaque, resealable and will include company logo, testing results, and necessary warning labels as required under 3AAC306.475.(a) and (d).

See the first provided sample on page 7.

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

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:

After receiving positive test results, the cannabis will be packaged for wholesale to a cannabis retail store in a package not exceeding 10 pounds for repackaging by the cannabis retail store. For wholesale to a manufacturing facility cannabis will be packaged in a package not exceeding 10 pounds and consist of a single strain or a mixture of strains as identified on the label.

See the second provided sample on page 7.

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.

Paul V. Disdier
Signature of licensee

Paul V. Disdier
Printed name of licensee

STATE OF ALASKA
OFFICIAL SEAL
Ashlynn Kay
NOTARY PUBLIC
My Commission Expires 5/6/2023

Notary Public in and for the State of Alaska

My commission expires: 5/6/2023

Subscribed and sworn to before me this 19th day of March, 2021.

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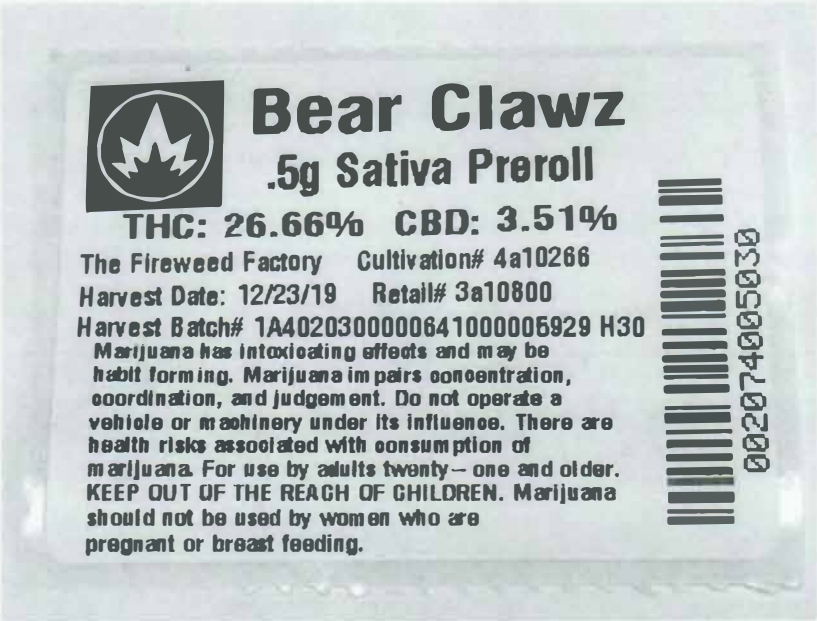
(Additional Space as Needed):



Certificate of Analysis

peak ANALYTICAL

The Fireweed Factory	Bear Clawz	Bud
Date Received	1/15/2020	
Date Analyzed	1/15/20 - 1/18/20	
Date Reported	1/18/2020	
Sample ID	119	
Metric ID	5979	

Cannabinoid Profile

26.66	3.51
Total THC	Total CBD

Cannabinoid	Percent by Weight
CBDa	4.00
CBG	0.00
CBD	0.00
THCV	0.00
CBN	0.00
THC	0.68
THCa	29.62
THC_Total	26.66
CBD_Total	3.51

Terpene Profile

Not Tested

Terpenoid	Percent by Weight
Terpinolene	-
Linalool	-
Camphene	-
δ-3-Carene	-
α-Pinene	-
Ocimene	-
Limonene	-
α-Humulene	-
p-Cymene	-
γ-Terpinene	-
Isopulegol	-
β-Pinene	-
α-Bisabolol	-
Geraniol	-
Nerolidol	-
β-Myrcene	-
α-Terpinene	-
β-Caryophyllene	-

Safety

Pass — Foreign Matter

Pass — Microbials

Not Tested — Residual Solvents

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