Alcohol and Marijuana Control Office
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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:	Fireweed Farm LLC	**MJ License #:**		31938	
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Fireweed Farm				
Premises Address:	2326 N Love Drive				
City:	Palmer	**State:**	Alaska	**ZIP:**	99645

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

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:

Regarding information around the process of operations: The original seeds are gifted to be included in the first juvenile plants for the cultivation. The seeds will be grown in soil through both vegetative and flower cycles using the appropriate amount of approved fertilizers and well water. Harvesting and curing the plants will take place within the cultivation. Transferring the product to dispensaries or other cultivations using the proper forms and documentation. All soil and nutrients will be bought locally and delivered to the premises with a pick-up truck of online purchases are made, USPS, FEDEX and UPS will delivery to the facility.

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;** EW

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** EW

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.** EW

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 mother plants in a vegetative state will be inside an open space measuring 10'x12'. Mother plants will use 120 sq/ft total. The clones from the mother plants in the growing area will be on two tables that are 2' x 5'. The Total clone/ vegitative area will be 120 sq/ft . Five tables measuring 4'x 14' will be used for bloom and one table measuring 4'x10'.. The bloom area will take up 320 sq/ft of space. Total area under cultivation will be 440 sq/ft.

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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. EW

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:

N/A

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:

There are no windows within the facility. Main door is behind secondary locked door. - both under 24 hour surveillance.

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

Soil only

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:

No pesticides will be used.

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

The fertilizers to be used will be Flora Flex, worm tea and molasses concentrate-a pre-mixed nutrients and supplements. PH up/down as need and Botanicare's Cal-h4ag supplement will also be used. Fresh air drawn into the premises through the ventilation system will be the only means of replenishing the carbon dioxide. The nutrients and supplements will be mixed into 55 gallon water drums and applied to the plants by hand using either a watering container or a 12V pump and a watering wand. All soil and nutrients will be bought locally and delivered to the premises with a pick-up truck of online purchases are made, USPS, FEDEX and UPS will delivery to the facility.

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License #_____

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

Well water located at the licensed premises will be used for irrigation purposes, No waste water is expected to be generated. If waste water is generated, the septic system will be used.

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. EW

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:

Solid waste (plant material) will be stored inside the licensed premises and rendered unusable on the day it is created. The board will be given notice not less than 3 days before the waste is rendered unusable. Solid waste (which will be approximately 90% soil and 10% ground plant material) will be mixed together, placed in totes and hauled off to the landfill. No liquid waste is expected to be generated. If liquid waste was generated, the on-site septic system would be used. Records with the date, type of waste and disposal site will be kept onsite.

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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. EW

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:

A 311 cfm airflow exhaust system will be used for drawing fresh air into the licensed premises for cooling the grow room and replenishing CO2 levels. Attached to that exhaust fan will be an activated carbon filter to prevent odors from being detected outside the licensed premises. Another exhaust fan attached to another carbon filter will circulate the air inside the licensed areas. This will eliminate odors inside the licensed premises and thus prevent odors being detected outside when the above mentioned exhaust/intake system is not running.

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. EW

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. EW

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

A random homogenous sample from each harvest, catch of each separate strain will be selected by the licensee. The samples will be in an amount and Back aged as determined by the testing facility. The licensee shall transport the samples to the testing facility as required.

The harvest batch for which a sample has been sent to a testing facility shall remain inside sealed curing jars segregated inside the locked storage cabinet until the testing results reveal the product can be sold.
If random samples of the growing medium. Fertilizers or soil supplements are requested by the control board, the l licensee shall cooperate with the testing facility to comply with the control board's requests.

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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?	☑	☐

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:

All packages of marijuana bud and flower for resale not to exceed 5 pounds and to be untouched until it reaches the retail location. All mixtures will be identified on the label. The packaging will not have any printed images, including cartoon characters, that specifically target persons under 21 years of age. In addition, the packaging will protect the product from contamination and may not impart any toxic or damaging substance to the marijuana. Each package will be prepared in compliance with this section and identified by a tracking label generated for tracking by the marijuana cultivation facility's marijuana inventory tracking system. Including A marijuana cultivation facility shall prepare marijuana for transport or transfer to another marijuana establishment by The cultivation facility's marijuana inventory tracking system; the transport manifest must remain with the marijuana at all times while being transported, and a copy must be given to the licensed marijuana establishment that receives the shipment.

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

Elizabeth Warren
Printed name of licensee

Offical Seal
STATE OF ALASKA
Notary Public
K.Byron
Commission # 210020020 My Commission Expires 09/20/2025

Notary Public in and for the State of Alaska

My Commission expires: 09/20/2025

Subscribed and sworn to before me this 25 day of APRIL, 20 22.

License # 31938

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(Additional Space as Needed):

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

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:

N/A

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:

There are no windows within the facility. Main door is behind secondary locked door. - both under 24 hour surveillance.

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

Soil only

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:

In the event of pests being present inside the licensed premises, Fireweed Farm will use Canncontrol to mitigate any pest issues.The Canncontrol used will be: EPA registration # 25(b) exempt

Dyna-gro neem oil will also be used if needed: EPA registration #87394-6

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

The fertilizers to be used will be Jacks and Flora Flex EPA registrion #: 25(b) exempt. PH down as needed. Fresh air drawn into the premises through the ventilation system will be the only means of replenishing the carbon dioxide. The nutrients and supplements will be mixed into 200 gallon water drums and applied to the plants by hand using either a watering container, a 12V pump and a watering wand or gravity fed system. All soil and nutrients will be bought locally and delivered to the premises with a pick-up truck of online purchases are made, USPS, FEDEX and UPS will delivery to the facility.

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

Well water located at the licensed premises will be used for irrigation purposes, No waste water is expected to be generated. If waste water is generated, the septic system will be used.

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.

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:

Solid waste (plant material) will be stored inside the licensed premises and rendered unusable on the day it is created. The board will be given notice not less than 3 days before the waste is rendered unusable. Solid waste (which will be approximately 90% soil and 10% ground plant material) will be mixed together, placed in totes and hauled off to the landfill. No liquid waste is expected to be generated. If liquid waste was generated, the on-site septic system would be used. Records with the date, type of waste and disposal site will be kept onsite.

Any waste created from harvest, trimming, manicuring defoliating plants: will be stored iside of sealed totes until AMCO has approved for proper disposal. The totes will be stored inside the licensed premises locked, within the mother room.

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:

A 311 cfm airflow exhaust system will be used for drawing fresh air into the licensed premises for cooling the grow room and replenishing CO2 levels. Attached to that exhaust fan will be an activated carbon filter to prevent odors from being detected outside the licensed premises. Another exhaust fan attached to another carbon filter will circulate the air inside the licensed areas. This will eliminate odors inside the licensed premises and thus prevent odors being detected outside when the above mentioned exhaust/intake system is not running.

Section 7 – Testing Procedure and Protocols

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

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The harvest batch for which a sample has been sent to a testing facility shall remain inside sealed curing jars segregated inside the locked storage cabinet until the testing results reveal the product can be sold.
If random samples of the growing medium. Fertilizers or soil supplements are requested by the control board, the l licensee shall cooperate with the testing facility to comply with the control board's requests.

A sample (of predetermined volume dictated by the size of the harvest, per strain) will be submitted to a testing facility for both microbial and potency testing. Each sample will be selected at random and within the quantity needed, dictated by AMCO regulation.