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:	greg miller	**MJ License #:**	30567		
License Type:	standard marijuana cultivation facility				
Doing Business As:	alaska farms				
Premises Address:	12806 s ella louise circle				
City:	wasilla	**State:**	Alaska	**ZIP:**	99623

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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:

Auto Flower seeds will be planted in the ground. They will be grown to maturity, harvested, dried on outside lines, then packaged and transfered to either a retail store or a manufacturing facility. All Alaska Farms marijuana will be tracked from seed or clone to sale or destruction in Metrc. All plants that reach eight inches (8") will be tagged and given a tracking
number. In accordance with current testing regulations, marijuana will be harvested and grouped into batches. All testing batches will be of a single strain and will be assigned a Metrc harvest batch number. Random sample(s) will be gathered from each batch and sent to a licensed testing facility. The rest of the batch will then be segregated in the secured quarantine area until testing results return. A Metrc-generated transport manifest will be sent with each marijuana transfer to another licensed facility. Marijuana will be sealed in no more than ten pound (10 lbs.) containers inside a locked storage compartment with the transport vehicle for wholesale transactions and up to one ounce (1 oz.) containers for re-sale by retailers without re-packaging. Package labels will include Alaska Farms' name and license number; the marijuana harvest date; the marijuana harvest batch number; the marijuana packaging date; the net weight and quantity of usable marijuana packaged in a standard of measure compatible with the inventory tracking system; a complete list of all pesticides, fungicides and herbicides (if any) used in cultivation. All transfers of marijuana to licensed facilities will be done in compliance with state and local regulations.

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;** GM

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** GM

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.** GM

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:

Alaska Farms Operations outdoor grow will be on a 10 acre parcel of land.
The site plan attached to the MJ-02 outlines the proposed outdoor cultivation in three sections Section 1 containing approx. 2,522 plants
Section 2 containing approx. 1,096 plants
Section 3 containing approx. 624 plants.
Total area under cultivation = 10 acres or 435,600 square feet.

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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. GM

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:

The ground will be cleared with a large barrier built with natural debris to stop access for viewing as well as foot and motorized traffic.

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 will be a privacy fence or similar that stands a minimum of 8 feet (8ft.) or more around the whole perimeter around the property. Whenever moving or transporting marijuana, Alaska Farms' biggest priorities will be compliance and discretion. The facility will ensure that no marijuana will be visible to the public from outside the premises or during transport. All growing, processing, curing, packaging and labeling activities will occur away from public view. All marijuana will be organized, securely packaged, labeled and obscured before being placed in the transport vehicle.

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

Alaska Farms will utilize a soil medium based growing method with no harmful chemicals and only containing coconut coir.

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:

Alaska Farms intends to only use predatory bugs and Regalia (a product on DEC's approval list) before budset. If the need arises, Alaska Farms reserves the right to use any of the pesticides approved for use on cannabis by the DEC and listed as such on the DEC's website

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

Alaska Farms intends to use Rainbow Mix Grow and Bloom for fertilizer and nutrients. Dry amendments will be mixed with the medium. There will be no CO2 or other gases used at the cultivation. The only chemicals used will be gentle cleaning chemicals for general sanitation, such as Simple Green or a bleach-water solution.

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

Plants will be watered to reach maximum water capacity by using drip irrigation which will be closely monitored and weather dependent. Drip irrigation will ensure the plants absorb the moisture until they are naturally ready for another watering. Waste water will be limited as staff will be closely monitoring the drip irrigation to prevent over-watering. Most, if not all of the excess water, which should be an extreme minimum, will be absorbed into the ground.

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. GM

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:

Alaska Farms will be disposing of marijuana that is identified as contaminated, infected or is otherwise denied for quality or that fails to meet quality testing; waste from marijuana flower, plant material, and trimmings; run-off water from cultivation and processing; any other materials or containers in contact with marijuana that risks contamination; any other marijuana deemed as waste by AMCO. Marijuana waste will be stored separate from all other marijuana, inside a locked container under video surveillance. A notice will be emailed to AMCO not later than three (3) days prior to rendering any waste unusable. Marijuana waste will be rendered unusable by utilizing a chipper or grinder. Then, the waste will be mixed with compostable and non-compostable material such as dirt, food waste, yard waste, cardboard, paper and other organic compounds until the material dissolves into no more than fifty percent (50%) marijuana waste. A licensee or designated employee will maintain a Metrc log on the status of all marijuana waste, tracking the type, disposal date, disposal reason, rendered unusable date, and final destination. The unusable waste mix will then be transferred to an outdoor waste storage container that will be picked up by a waste truck or an employee and taken to a landfill. This information will be recorded in the disposal log and stored as a business record. Plants will be watered to reach maximum water capacity by using drip irrigation which will be closely monitored and weather dependent. Drip irrigation will ensure the plants absorb the moisture until they are naturally ready for another watering. Waste water will be limited as staff will be closely monitoring the drip irrigation to prevent over-watering. Most, if not all of the excess water, which should be an extreme minimum, will be absorbed into the ground.. All waste transfer records will be kept for no less than five (5) years as a secured business record. All business records will be available for AMCO upon their request.

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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:

Alaska Farms will be an open-air cultivation with patterns of regular summer winds. The area of the outdoor cultivation will be in the open air and more than five hundred feet (500 ft.) from the nearest property line. Additionally, there will be a "buffer zone" for smell mitigation. Within the one hundred foot (100 ft.) buffer zone, Alaska Farms will be planting vegetation that omits a stronger odor than the marijuana. These plants include azores jasmine, marino blue heliotrope, eucalyptus silver drop, lavender bushes, spearmint, and night-blooming jasmine.

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.	GM
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.	GM

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

All harvested marijuana will be processed into harvest batches. Batches will consist of the same strain that was all harvested at the same. A designated employee will collect random testing sample(s) from each batch. That said employee will complete a signed statement attesting that each sample was randomly selected, then provide the statement to the testing facility, and maintain a copy as a business record. Alaska Farms will transport all samples to a licensed testing facility in compliance with state regulations and the company's transportation policies. Alaska Farms will ensure that anyone transporting marijuana adheres to all regulations and possesses a valid AMCO marijuana handler's permit. Until test results are returned, the rest of the harvest batch will be segregated in a secured quarantine area. All testing results will be kept as official business records that will be readily available to AMCO upon request. Alaska Farms will comply with any requests from AMCO for random samples from any growing medium, soil amendment, fertilizer, crop production aid, pesticide or water, and shall bear the expense for all such 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:

All marijuana packaged for sale to a retail marijuana store (that does not require further handling by the store) will be compliant with all regulation packaging requirements. Alaska Farms will ensure that no direct-to-consumer sale package is more than one ounce (1 oz.) of marijuana and that the packages will have room for the retail marijuana store to put their name, logo, and license number. If the direct-to-consumer sale packages are not in opaque and child-resistant containers, Alaska Farms will warn the retail that they must check that all marijuana products are in opaque and child-resistant packaging before exiting the store. All packaging at Alaska Farms will be done in a specific packaging area under continuous video surveillance. Packaging shall be uniform with labels secure and prominently displayed. Alaska Farms will use certified scales (in compliance with the Alaska Weights and Measures Act), and will maintain registration and inspection reports at the facility. Packaged marijuana will go into sanitized, air-tight containers labeled with all compliant labeling information, and then given a bar code for the inventory tracking system. (cont. pg 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:

Wholesale marijua[illegible] other licensed facilities in packages of not more than ten pounds (10 lbs.) with all strain name(s) on the label. Plastic packaging will be heat-sealed without an easy-open flap, tab, dimple, or corner. Packaged marijuana will be stored in a secured area until transport. All packaging will be reviewed, accepted or rejected, and documented in the log. A licensee or designated employee will check all final packages to ensure that they will secure marijuana from contamination and not impart dangerous materials. Wholesale labels will have the final testing date; the cannabinoid potency profile (expressed as a range of percentages that extends from the lowest to highest percentages of concentration for each cannabinoid listed from every test conducted on that marijuana strain from Alaska Farms within the last three months); a statement containing the microbial testing results; a statement containing contaminants for which the marijuana was tested, including molds, mildew, filth, harmful chemicals, herbicides, pesticides and fungicides. A Metrc-generated tracking label will be secured to each package. (cont. pg 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.

Greg Miller
Signature of licensee

Greg Miller
Printed name of licensee

Official Seal
Hunter Mills
Notary Public-State of Alaska
My Comm. Expires 11/18/2023

Notary Public in and for the State of Alaska

My commission expires: 11/18/2023

Subscribed and sworn to before me this 11 day of September, 2021.

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(Additional Space as Needed):

8.1 Continued: ...heat-sealed without an easy-open tab, dimple, flap, or corner. Packaged marijuana will be kept in a secured area until transport. All packaging must be inspected, accepted or denied, and recorded in the log. A licensee or designated employee will review all final packages to ensure that they will secure marijuana from contamination and not impart dangerous substances. Labels will have Outdo's name and license number; room for the retail logo, name, and license number; the five (5) required warnings found in 3 AAC 306.475(a)(1-5); the harvest date; the packaging date; the harvest batch number; the net weight and amount of usable marijuana packaged (in a standard of measure compatible with the inventory tracking system); a complete list of all (if any) pesticides, fungicides and herbicides used in the cultivation.

8.2 Continued: The shipping container will have a label stating a licensed testing facility has tested each batch in the shipment and will list the final testing date; the cannabinoid potency profile (expressed as a range of percentages that extends from the lowest to highest percentages of concentration for each cannabinoid listed from every test conducted on that marijuana strain from Outdo within the last three months); a statement containing the microbial testing results; a statement containing contaminants for which the marijuana was tested, including molds, mildew, filth, harmful chemicals, herbicides, pesticides and fungicides.

Retailer: **License No:**
Cultivator: Alaska Farms **License No:** 30567
Harvest Batch No: **Package No:**
Net MJ Weight: **OZ(** **g)** **Strain:**
Testing Facility: **License No:**
THC: **THCA:** **CBD:** **CBDA:** **CBN:**
Microbial Test: **Fungicides:** **Pesticides:** **Herbicides:**
Fertilizers: **Soil Amendment:**

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.

*Logo to be added

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(Additional Space as Needed):

Front of Package	Back of Package
window to view product *Strain Name* **Indica-Dominant** Net Weight: 3.5 g (0.124 oz.) PLACE HOLDER FOR RETAILER TO PUT RETAILER STICKER LABEL	Cultivator: Alaska Farms License # 30567 HB#: Strain: **METRC #:** 36B875000036451115AB **Testing Lab:** ABC Lab **License #:** **Testing Date:** 02/05/2021 **Fungicides:** None **Herbicides:** None **Pesticides:** None **Cannabinoid Profile:** **Total THC:** XXXX% **Total CBD:** XXXX% **THC:** XXXX% **CBD:** XXXX% **THC-A:** XXXX% **CBD-A:** XXXX% **CBN:** XXXX% **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.

*or similar format and content

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