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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:** | Denali Cultivation, LLC | **MJ License #:** | | 28617 | |
| **License Type:** | Standard Marijuana Cultivation Facility | | | | |
| **Doing Business As:** | Denali Farms | | | | |
| **Premises Address:** | 23161 W. Ayrshire Avenue | | | | |
| **City:** | Big Lake | **State:** | Alaska | **ZIP:** | 99652 |



Received by AMCO 10.8.21

# 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:**

All Denali Farms marijuana will be tracked from seed or clone to sale or destruction in Metrc, a marijuana inventory tracking system. All plants that reach eight inches (8") will be tagged and assigned a tracking number. Marijuana will be harvested and grouped into batches, in accordance with current testing regulations. All testing batches will be of one single strain and will be assigned a Metrc harvest batch number. Random sample(s) will be collected from each batch and sent to a licensed testing facility. The remainder of the batch will be segregated until testing results are received in the secured quarantine area. A transport manifest generated from Metrc will be sent with each transfer of marijuana to another licensed facility. Marijuana will be sealed in not more than ten (10) pound containers inside a locked storage compartment within the vehicle for wholesale transactions and up to one ounce containers for re-sale by retailers without re-packaging. Package labels will include: the name and license number of Denali Farms; the date the marijuana was harvested; the harvest batch number assigned to the marijuana; the date the marijuana was packaged; 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 the cultivation of the marijuana. 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;** | BSB |
| **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** | BSB |
| **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.** | BSB |

## 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:**

Denali Farms' Cultivation area will consist of:
Propagation/Mother Room - 205 Square Feet
Bloom Room 1 - 760 Square Feet
Bloom Room 2 - 760 Square Feet
& a Veg Room - 972 Square Feet

totaling 2,697 Square Feet under cultivation.



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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.** BJB

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:**

Whenever moving or transporting marijuana, Denali Farms' highest priorities will be compliance and discretion. Denali Farms will ensure that no marijuana will be visible to the public from outside the facility, or during transport. All growing, processing, curing, packaging and labeling activities will occur inside the facility, away from public view. All marijuana will be organized, securely packaged, labeled and obscured before being moved to the transport vehicle.

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

Denali Farms will be using a soil medium based growing method with no harmful chemicals or pesticides. The soil will contain perlite, vermiculite, worm castings, bark mulch, humidified compost and black gold, Rockwool, Hydrothon, clay pellets, Coco, promix and DWC (Deep Water Culture)

**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:**

Denali Farms does not intend to use pesticides at its facility, however, if the need arises, Denali 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:**

Denali Farms intends to use the following fertilizers and nutrients from the FloraFlex product line: Veg Parts 1 & 2, Bloom Parts 1 &2, Veg Foliar, Bloom Foliar, and Full Tilt. They will also use Ph Up and Ph Down.

Denali Farms does not intend to use CO2, or other gases, in the facility however, Denali Farms may use CO2 in the facility if approved by the Fire Marshal.
Other 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:**

Denali Farms will be hand-watering all plants. Waste water will be limited because the close monitoring of water usage during hand-watering prevents the over-watering of plants. Most excess water that percolates into planter drip trays will naturally evaporate into the air, and any water that does not evaporate will be re-used to water marijuana plants or will be composted.

## 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.** BJB

**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:**

Denali Farms will be disposing of: marijuana that is identified as contaminated, infected, or is otherwise rejected 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 away from all other marijuana, in a locked container and under video surveillance. A notice, via email, will be sent to AMCO no later than three (3) days prior to rendering any waste unusable. Marijuana waste will be rendered unusable by grinding and then mixing it with other compostable or non-compostable material such as, food waste, yard waste, cardboard, paper or soil; until the resulting mixture is no more than fifty percent (50%) marijuana waste. Denali Farms licensees or a designated employee will maintain a log in Metrc on the status of all marijuana waste, tracking the type, date of disposal, reason for disposal, date it was rendered unusable, and final destination. The unusable waste will then be transferring to an outdoor waste storage container, which will be picked up by a waste truck and taken to a landfill. Alternatively, an employee may take the waste to a landfill. This information will be recorded in the disposal log and securely stored as a business record.

Denali Farms does not anticipate much liquid waste as watering of plants will be monitored to prevent over-watering, and most water in drip trays will naturally evaporate into the air. If there is any excess water, it will be reused or composted. Records of all waste transfers will be kept for a minimum of five (5) years as a secured business record.

All business records will be made available to AMCO upon 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:**

Multiple commercial-grade, activated carbon filters will be used throughout the cultivation areas to filter all air before air is vented outside. The carbon filters will be regularly replaced to ensure no odor escapes the property. A designated Denali Farms employee will regularly perform 'smell checks' around the perimeter of the property to ensure that no smell is present. The smell log will be maintained as a business record. If odor is detected, the filters will be replaced. If replacing the carbon filters does not eliminate the odor, additional odor control methods will be utilized.

## 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.** | BSB |
| **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.** | BSB |

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

All harvested marijuana will be processed into harvest batches. All batches will consist of the same strain, which was harvested at the same time. A designated Denali Farms employee will collect random testing sample(s) from each harvest batch. The individual responsible for collection will prepare a signed statement attesting that each sample was randomly selected, provide a signed statement to the testing facility, and maintain a copy as a business record. Denali Farms will transport all samples to a licensed testing facility in compliance with the state regulations and the company's transportation policies. Denali Farms will ensure that any individual transporting marijuana complies with all regulations and has a valid AMCO marijuana handler permit.
While awaiting the testing results, the remainder of the harvest batch will be segregated in the secured quarantine area. All testing results will be maintained as official business records, available to AMCO upon request.

Denali Farms will comply with any request from AMCO for a random sample 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 marijuana retail store (that does not require further handling by the retail store) will meet all regulation packaging requirements. In order to do so, the facility will ensure that no direct-to-consumer sale package exceeds more than one ounce of marijuana & the packages will have space for the marijuana retail store to put its retail license name, logo and license number. If the direct-to-consumer sale packages are not in opaque & child-resistant containers, the retail facility will be warned that they must ensure that all marijuana products are in opaque & child resistant packaging before leaving the retail store. Any packaging at the facility will be done in an area specifically set aside for packaging & monitored with 24-hour video surveillance. Packaging will be uniform with labels secure & prominently displayed. The facility 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 be placed in sanitized, air-tight containers, labeled with all compliant labeling information, and given a bar code... (Cont. on 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 marijuana will be sold to other licensed facilities in packages of up to ten pounds (10lbs) with all strain name (s) identified on the label. Plastic packaging will be heat-sealed without an easy-open tab, dimple, corner, or flap. Packaged marijuana will be stored in a secured area until ready for transport. All packaging will be inspected, accepted or rejected, and recorded in the log, and a Licensee or designated employee will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances. Wholesale labels will contain: the date of final testing; the cannabinoid potency profile (expressed as a range of percentages that extends from the lowest percentage to the highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from Denali Farms within the last three months); a statement listing the results of microbial testing; a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, harmful chemicals, herbicides, pesticides and fungicides. A Metrc generated... (Cont. on 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.

Signature of licensee

STATE OF ALASKA
NOTARY PUBLIC
Mercedes Curran
My Commission Expires Dec 20, 2023

Notary Public in and for the State of Alaska

Branden Bartlett

Printed name of licensee

My commission expires: 12/20/2023

Subscribed and sworn to before me this 2nd day of March, 2021.



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**(Additional Space as Needed):**

8.1 Continued: .... for the inventory tracking system. Plastic packaging will be heat-sealed without an easy-open tab, dimple, corner, or flap. Packaged marijuana will be stored in a secured area until ready for transport. All packaging will be inspected, accepted or rejected, and recorded in the log, and a Licensee or designated employee will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances. Labels will include: Denali Farms' name and license number; a space for the retail logo/name/license number; the five required warnings found in 3 AAC 306.475(a)(1-5); the harvest date; the date of packaging; the harvest batch number; the net weight and the quantity 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 of the marijuana.

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

**Retailer:** **License No:**
**Cultivator:** Denali Farms **License No: 28617**
**Harvest Batch No:** **Package No:**
**Net MJ Weight:** **OZ( g)** **Strain:**
**Testing Facility:** **License No:**
**THC:** **THCA:** **CBD:** **CBD. A:** **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

Front 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

Back of Package

Cultivator: Denali Farms
License #28617
HB#:
Strain:

**METRC #:** 36B875000036451115AB
**Testing Lab:** ABC Lab **License #:**
**Testing Date:** 02/05/2018
**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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