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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:	Eden Growth Group, LLC	**MJ License #:**	30154		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Alaska Herb Garden				
Premises Address:	209 King Circle, Suite 2				
City:	Anchorage	**State:**	Alaska	**ZIP:**	99515

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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:

All marijuana cultivated at Alaska Herb Garden will be tracked from seed or clone to sale or destruction in Metrc. All plants that reach eight (8) inches will be tagged and assigned a tracking number. Marijuana will be harvested and grouped into batches up to ten (10) pounds of individual strains and will be assigned a Metrc harvest batch number. A random sample will be collected from each batch and sent to a licensed testing facility. The remainder of the batch will be segregated until the testing results are received. 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 (1) ounce containers for re-sale by retailers without re-packaging. Package labels will include; (1) the name and license number of the cultivation facility; (2) the date the marijuana was harvested; (3) the harvest batch number assigned to the marijuana; (4) the date the marijuana was packaged; (5) the net weight and the quality of usable marijuana packaged in a standard of measure compatible with the inventory tracking system; (6) a complete list of all pesticides, fungicides, and herbicides used in the cultivation 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;**	AMS
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**	AMS
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.**	AMS

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 Herb Gardens entire cultivation facility is housed in a 10' x 12' room.
The entire area under cultivation is 120 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. AYS

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:

No signs or advertisements will be placed on the building or its surrounding property which would indicate to the public that marijuana is being grown within the facility. Alaska Herb Garden will only display signs indicating the physical address of the building and "No Trespassing". The facility will have no existing windows. The building will be outfitted with reinforced security walls to separate public areas from the cultivation, processing, storage, and other restricted access areas. All movement, transport, or otherwise ingress or egress of marijuana products will be discrete, utilizing the designated restricted access doorways. Continued on page 7...

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

Alaska Herb Garden will use primarily coco medium, as well as rockwool cubes (or its equivalent) in varying sizes throughout the growth stages of the plant as a growing medium with a combination of materials and substances, including plant food, mold/mildew control, and pesticide control. The facility will be outfitted with an irrigation system designed in conjunction with the nutrient management system to maximize production yield.

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 Herb Garden does not intend to use pesticides in the facility. Alaska Herb Garden reserves the right to utilize any of the pesticides approved for use on cannabis found on DEC's website if the need arises.

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

The facility will use the following non-toxic advanced nutrients such as; Veg Bloom, Athena, Advanced Nutrients, Sensi Grow and Bloom (or equivalent); (1) Nitrogen; (2) Phosphorus; (3) Potassium; (4) Sulfur; (5) Calcium; (6) Magnesium; (7) Iron; (8) Manganese; (9) Boron;(10) Copper; (11) Zinc; (12) Molybdenum; (13) Chlorine; (14) Nickel; and (15) Silicon. The facility will use some amount of gases to increase and optimize growth results such as hydrogen, oxygen and CO2, which will be infused into the flower rooms in a controlled, safe and monitored manner from time to time as management deems necessary.

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

The facility will use hand watering and top drip irrigation methods. There will be little to no water run-off from these watering systems. The facility will use a recirculating top feed automated watering system to recirculate the water and nutrient solution. All waste water will be captured, stored, and disposed of.

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:

Alaska Herb Garden has a disposal plan for all marijuana that does not meet state testing requirements or the company's internal standards due to disease, infestation, mishandling, improper practices, or quality. All marijuana marked for disposal will be stored in a secured bin, separated from all other products, until it can be disposed of. Marijuana waste must be rendered unusable before disposal to ensure that marijuana and marijuana products are safely kept away from the public. The company will ensure that all marijuana rendered unusable prior to leaving the facility by grinding and incorporating the marijuana waste with non-compostable and compostable solid waste so that the resulting mixture is at least fifty percent (50%) non-marijuana waste. Non-compostable solid wastes include paper waste, plastic waste, cardboard waste, and soil. Compostable solid wastes include food waste, yard waste, and vegetable-based grease or oils. Management will ensure that the resulting mixture is composed of no more than fifty percent (50%) marijuana by volume, and will log the composition of the mixture in the disposal log, which will be made available to AMCO and AMCO enforcement upon request. Management will maintain the log on the status of all marijuana waste, tracking the type, date of disposal, date it was rendered unusable, and date that it was picked up by the disposal company. The company will be disposing of: (1) waste from marijuana flower, trim, and solid plant materials; (2) marijuana that is identified as infected, contaminated or fails to meet quality testing; (3) run off water from the plants during cultivation and processing; (4) mediums used for cultivation; (5) any other materials or containers in contact with marijuana that risks contamination; and (6) any other marijuana deemed as waste by the MCB or director. Alaska Herb Garden will notify AMCO on a form prescribed by the board three (3) days prior to rendering waste unusable. Once rendered unusable, marijuana will be securely stored in locked containers located on the premises. All locks will comply with the highest UL standards, and the disposed marijuana will not be stored outside the facility at any time. Once a week, a waste truck will collect the waste and dispose of it. To ensure accurate tracking and that no diversion occurs, the on-site manager will meet with the waste truck driver and collect their signature, printed name, the date, time and the type of marijuana waste being collected. This information will be entered into a disposal log by the manager, which will be securely stored and made available to AMCO and AMCO enforcement 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.	AYS

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 Herb Garden has developed the plans to renovate the present-day building on the premises to minimize odor through the strategic use of climate control, air filtration, ventilation, and exhaust. In each grow and production room there will be a carbon filter and recirculating commercial fan filtering the air for particulates and odor. The ambient air conditioner will also filter for particulates and odor while maintaining the building's air temperatures. The air filtration and circulation systems will be essential to controlling heat buildup and eliminating exhaust odors. Continued on page 7...

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.	AYS
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.	AYS

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

Alaska Herb Garden understands and will comply with all testing regulations to ensure the marijuana propagated at the facility exceeds the testing requirements for the state. The facility will track each plant's life cycle through Metrc with an assigned record number. All flower bud harvested from the numbered plants will be processed into batches of ten (10) pounds. The company will package a sample of each batch produced to a licensed testing facility, and will not sell or transport any marijuana from batch until the testing has been completed. An agent from the QCU will collect a testing sample by segregating harvested marijuana into homogeneous batches of bud and flower, and selecting a random sample from each batch. The individual responsible for collection will prepare a signed statement attesting that each sample was randomly selected, provide that signed statement to the testing facility, and maintain a copy as a business record. The facility will transport all samples to a licensed testing facility in compliance with the state regulations and the company's transportation policies. While awaiting the testing reports, the remainder of the batch will be segregated in a secure, cool, and dry storage to protect from contamination. The facility will maintain all testing results as part of its business books and records, and enter the results in Metrc. Alaska Herb Garden will fully comply with any request from AMCO and AMCO enforcement 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:

Alaska Herb Garden will ensure that any marijuana package for sale to a retailer that will not be repacked by the retail license will meet the retail packaging requirements. To meet direct retail package requirements, Alaska Herb Garden will ensure that no direct consumer sale package exceeds more than one (1) ounce of marijuana and will ensure that the packaging has a space for the retail license to put its name or logo and the the license number. If the packages sold to retailer for direct consumer packaging (with no repackaging) is not packed in an opaque and child resistant container, Alaska Herb Garden will add a warning in the shipment reminding retailers that the marijuana as packaged does not meet the exit packaging requirements and that customers must be provided (or provide their own) exit packaging prior to leaving the retail store. Any packaging done at the facility will be performed in an area specifically set aside for packaging and monitored with 24 hour surveillance. Packaging will be uniform with labels secure and prominently displayed. Continued 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:

Wholesale packages of marijuana will be sold to other licensed facilities in packages up to ten (10) pounds consisting of a single strain or a mixture of strains with strain names 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. A licensee or a 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 be checked for (1) the date of final testing; (2) the cannabinoid potency profile, expressed as a range of percentages that extends from the lowest percentage to highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from the same marijuana cultivation facility within the last three months; Continued 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.

Signature of licensee

Aaron Stiassny
Printed name of licensee

BRENDA BUTLER
My Commission Expires
NOTARY PUBLIC
May 27, 2025
STATE OF ALASKA

Brenda Butler
Notary Public in and for the State of Alaska

My commission expires: May 27, 2025

Subscribed and sworn to before me this 1st day of September, 2021.

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(Additional Space as Needed):

4.4 Continued: All vehicles owned and used by the company agents or third party transport company will be discrete and unmarked, giving no indication that they are traveling to and from a cultivation facility. When being transported, all marijuana products will be securely packaged, labeled, and organized in a discrete manner within the facility before being moved out of the building to be loaded on the transport vehicle. No individuals will be permitted on the premises without checking in with and being escorted by an authorized employee.

6.1 Continued: The air circulation in the facility will be designed in conjunction with the grow lights to counteract heat emission from the lighting system. Exhaust fans and intake manifolds will be mounted to eliminate heat and excess oxygen. Filters will be replaced on a consistent basis; the time, date, employee, and reason for replacing will be logged. A "smell log" will be implemented by having a licensee, manager, or designated employee walk the property perimeter and ensure no odors from the facility are escaping. In any odor is detected, filters will be immediately replaced and additional carbon filters will be added (if necessary) in order to control odors.

8.1 Continued: The shipping container will have a label stating that a licensed testing facility has tested each batch in the shipment and list (1) the final testing date, (2) the cannabinoid potency profile expressed as a range of percentages from lowest to highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from the same cultivation facility within the last three months, (3) microbial testing results, and (4) a statement listing the contaminants for which the marijuana was tested (including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals). 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. After employees package marijuana they will be placed in sanitized, air-tight containers, labeled with all compliant labeling information, and be given a bar code for the inventory control system. Plastic packaging will be heat-sealed without an easy-open 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. The manager or a 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: (1) the name and license number of the cultivation facility, (2) a space for the retail logo/name and license number, (3) the five required warnings found at 3 AAC 306.475(a)(1-5), (4) the date the marijuana was harvested, (5) the harvest batch number assigned to the marijuana, (6) the date the marijuana was packaged, (7) the net weight and the quantity of usable marijuana packaged in a standard of measure compatible with the inventory tracking system, and (8) a complete list of all pesticides, fungicides, and herbicides used in the cultivation of marijuana. Alaska Herb Garden understands that these policies and procedures must be implemented with transfers to the co-located and co-owned retail store.

8.2 Continued: (3) a statement listing the results of microbial testing; and (4) a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals. A Metrc generated 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 list: (1) the date of final testing; (2) the cannabinoid potency profile, expressed as a range of percentages that extends from the lowest percentage to highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from the same marijuana cultivation facility within the last three months; (3) a statement listing the results of microbial testing; and (4) a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals. If a wholesale shipment sold to another licensed facility is from a harvest batch that has not been tested, a label will be affixed identifying such, "has not been tested". Alaska Herb Garden understands that these policies and procedures must be implemented with transfers to the co-located and co-owned retail store.

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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 Herb Garden License # 30154 HB#: northstarvalley252018 Strain: North Star OG **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

Retailer: **License No:**
Cultivator: Alaska Herb Garden **License No: 30154**
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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