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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:	Alaska Growth, LLC	**MJ License #:**		13257	
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Alaska Growth				
Premises Address:	49787 Island Lake Road				
City:	Nikiski	**State:**	Alaska	**ZIP:**	99635

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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 Growth will be tracked from seed or clone to sale or destruction in METRC, the marijuana inventory tracking system. All plants that reach eight inches will be tagged and assigned a tracking number. Marijuana will be harvested and grouped into batches up to five 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 five 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: (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 quantity 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 of the marijuana.

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;** ☑

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** ☑

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.** ☑

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 facility consists of two connected conex boxes; outside dimensions of one is 40' x 8' = 320 sq ft and the other is 45' x 8' = 360 sq ft. The overall square footage of the facility is 680 sq ft.

Within the conex boxes are four (4) grow rooms: two at 16' x 8' and one at 13' x 8' and one at 10' x 8' for a total of 440 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. [initials]

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:

Alaska Growth's facility consists of two conex boxes connected along one 40 ft length. There is a single entry/exit door and a small window behind the outer steel doors of the 45 ft box. The outer steel doors of the 40 ft box are welded shut. The cultivation facility has no other windows and will ensure that cultivation and storage areas are not visible by the public. The facility is surrounded by dense woods, further obscuring and mitigating any possibility that the public could view marijuana outside the facility. All marijuana packaged for transport will be packaged inside the facility and will be packaged in an opaque and solid container, which further ensures no marijuana will be visible from outside the facility.

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

Alaska Growth will use a combination of soil, soil nutrients and supplements, and/or hydropnics as growing mediums. We will be using happy grog soil mixed with one or more of the following - Azomite, bat guano, blood meal, bone meal, Bu's blend, dolomite lime, epson salts, insect frass, kelp meal, perlite, rock phosphate, rapid rooter plugs. The facility may also engage in the hydroponic growing and use rock wool cubes, clay pebbles, and/or lava rocks.

4.6. Provide the complete product name and EPA registration # (if applicable) for each of the cultivation facility's pesticides and pest control products to be used. All proposed products must be on DEC's list of approved pesticides in the state of Alaska:

So far, the facility has not had the need to use any pesticides or pest control products, but if it does need to use some pesticides/pest control, it will use one or combination of the following: 70% neem oil - EPA 70051-2-54705; Earth-Tone Insecticidal Soap - EPA 67702-15-83598; Ecologic Garden Insect Killer Concentrate - EPA exempt 25(b).

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

No carbon dioxide enhancement will be used at this time, no gases, or chemicals (other than the ones below used for cleaning). Delivery system for soil nutrients is mixed into the soil; watering is by hand and/or ebb in flow hydroponics systems, which fertilizers will be mixed with water then fed to plants via ebb in flow. Fertilizers include Azomite, bat guano, blood meal, bone meal, Bu's blend, dolomite lime, epson salts, insect frass, kelp meal, and rapid rooter plugs.

Cleaning chemicals include 91-99% isopropyl alcohol, and/or 5-6% white vinegar solution for cleaning.

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

At this time hand watering is the primary irrigation method with intent to develop an automated irrigation system to water plants. Hand watering and/or automated irrigation to soil grown plants produce very little to no waste water. If a sizable amount of waste water is produced, it will be captured and either delivered back to the reservoir to be cycled through the system again or drained into the on-site septic 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.

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 Growth will dispose of: (1) marijuana that is identified as contaminated, infected or is otherwise rejected for quality or fails to meet quality testing; (2) waste from marijuana flowers, plant material and trimmings; (3) run off water from cultivation and processing; (4) any other materials or containers in contact with marijuana that risks contamination (5) any other marijuana deemed as waste by the MCB or Director.

Marijuana waste will be stored away from all other marijuana in a closed container inside the facility in a non-grow area prior to it being rendered unusable and leaving the facility for disposal.

Marijuana waste will be rendered unusable by grinding and then mixing with other compostable and non-compostable material such as food waste, yard waste, cardboard, paper, and soil until the resulting mixture is no more than fifty percent (50%) marijuana waste.

After it is rendered unusable the marijuana waste will be disposed of in either (1) the outdoor compost area or (2) inside a commercially provided locked metal waste container located outside the facility on the property and which will be rented when conditions require it.

During phases of small waste batches, the general manager or on-site grower may dispose of the unusable waste in their outdoor compost. Large waste batches will be stored in a locked outside container provided by a local waste management company and collected on a regular schedule.

A notice via email will be sent to AMCO enforcement not later than three days prior to rendering waste unusable and will be recorded in METRC when that function becomes available.

Management will maintain a log on the status of all marijuana waste, tracking the type, date of disposal, reason for disposal, date it was rendered unusable, and final destination. This information will be recorded in the Daily Log and securely stored as a business record, 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:

Commercial grade activated carbon filters are used to control and prevent odors from reaching other properties. The licensee will ensure that a weekly "smell test" is conducted by walking to the edge of the property line and attempting to smell marijuana from the edge of the property line. If marijuana odors are present,carbon filters will be used and air-cooled tubes will be hooked up to the carbon filters to further mitigate odors by reducing the temperature in the grow rooms.

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.	
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.	

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

A designated Alaska Growth employee will collect a random testing sample from each 5 pound harvest batch. That employee will prepare a signed statement certifying that each sample was randomly selected and will provide the signed statement to the testing facility with the testing samples. A copy of the signed statement will be maintained as a business record.
Any individual transporting testing samples will obtain and maintain a valid marijuana handler permit. The remainder of the batch will be segregated in the quarantine area until the testing results are received. All testing results will be entered into METRC and maintained as official business records. Alaska Growth 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:

When Alaska Growth packages marijuana for retailer to sell directly to consumer without repackaging, it will ensure that none of the packaging has any printed images that would specifically appeal to persons under the age of 21, and will not impart any toxic or damaging substance to the marijuana. 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. 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 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 packages of marijuana will be sold to other licensed facilities in packages up to five 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, and the on site manager 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 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

Edith V. vonWalter

Printed name of licensee

VALERIE MASTOLIER
Notary Public
State of Alaska
My Commission Expires Jun 7, 2022

Notary Public in and for the State of Alaska

My commission expires: 6/7/22

Subscribed and sworn to before me this 10 day of October, 20 18

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(Additional Space as Needed):

8.1 Continued

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 agents package marijuana they will be placed in sanitized, air-tight containers, labeled with all compliant labeling information, and be given a barcode for the inventory control 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 the on site manager 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) 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 quantity 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 of the marijuana. Each marijuana package will prominently display the following warnings: "Marijuana has intoxicating effects and may be habit forming and addictive.";(2) "Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence."; (3) "There are health risks associated with consumption of marijuana."; (4) "For use only by adults twenty-one and older. Keep out of the reach of children."; (5) "Marijuana should not be used by women who are pregnant or breast feeding."

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 for contaminants, a label will be affixed identifying each such contaminant.

Sample Cables Attached

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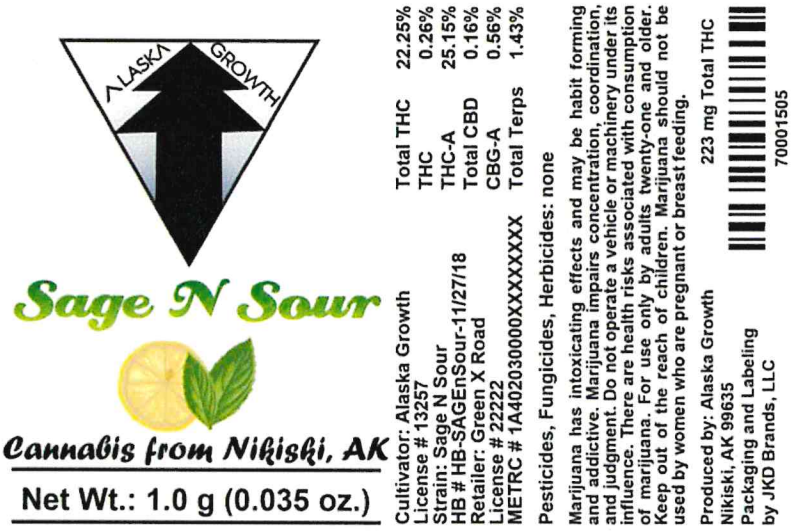
(Additional Space as Needed):

Sample Retail label:



Cultivator: ALASKA Growth
License #: 13257
HB#: deathstar252018
Strain: Death Star

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.

<--- wholesale

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