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 the **Marijuana Establishment Operating Plan (Form MJ-01)**, 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 those 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
- Odor control
- Testing procedure and protocols
- Security

This form must be submitted to AMCO's main office before any marijuana cultivation facility license application 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	**License Number:**	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 – Prohibitions

Applicants should review 3 AAC 306.405 – 3 AAC 306.410 and be able to answer "Agree" to all items below.

The marijuana cultivation facility will not:	Agree	Disagree
Sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation	☑	☐
Allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on its licenses premises or within 20 feet of the exterior of any building or outdoor cultivation facility	☑	☐
Treat or otherwise adulterate marijuna with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana	☑	☐

Section 3 – Cultivation Plan

Review the requirements under 3 AAC 306.420, and identify how the proposed premises will meet the listed requirements.

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 connex boxes; 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 connex boxes there is one veg room 16' x 8' = 128 sq ft, one flower room 16' x 8' = 128 sq ft and one clone room 7.5' x 8' = 60 sq ft. The total square feet under cultivation is approximately 316 sq ft.

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

Alaska Growth will use a combination of soil and hydroponics and will utilize the following growing mediums:
Perlite, Happy Frog Potting Soil; Clay Pebbles and/or Lava Rocks; Rapid Rooter plugs and/or Rockwool cubes.

Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used:

Fertilizers: Bone meal, bat guano/seabird guano, blood meal, kelp meal, langbeinite, earthworm castings; Dip'nGrow liquid rooting concentrate and/or Clonex clone and seedling nutrient; Advanced Nutrients products and/or Fox Farm Soil formulas, and/or Botanicare CNS17 Bloom 2-2-3 formula , and/or Dyna Grow formulas, and/or Grow Nutrients formulas; PH drops as needed.
Delivery system for fertilizers: nutrients will be delivered to plants via HAND WATERING AND/OR an Ebb & Flow hydroponics system.
Chemicals: 99.9% Isopropyl Alcohol and/or White Vinegar 5% - 6% solution for cleaning.

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

A combination of hand watering and/or automated irrigation systems will be used to water plants. The ebb & flow system will be utilized for the automated irrigation system. This system will run on a timer which will pump the nutrient solution (water and nutrients) from a reservoir to the plants. When the plant containers are full, the water is drained back down to the reservoir and recirculated through the system again.
This system will produce very little to no wastewater. If a sizable amount of wastewater 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.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Alaska Growth has a disposal plan for marijuana waste. The facility will be disposing 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 and plant material and trimmings; (3) run off water from cultivation and processing; (4) any other materials or containers in contact with marijuana that risk contamination and (5) any other marijuana deemed as waste by the licensee or AMCO Director. Marijuana waste will be stored away from all other products in a locked container inside the facility, and will be rendered unusable prior to leaving the facility for disposal. A notice will be sent to AMCO enforcement not later than three days prior to rendering waste unusable. Marijuana waste will be rendered unusable by grinding the materials and mixing with other compostable and non-compostable non-marijuana materials until the resulting mixture is no more than fifty percent (50%) marijuana waste. Management will maintain a log recording the final destination or all marijuana waste. The waste mixture will be carried by an unmarked vehicle for to the local waste station for disposal or it will be composted. This information will be recorded in the disposal log and securely stored as a business record, available to the MCB upon request. The manager will notify AMCO enforcement three days before disposing of marijuana waste.

Section 4 – Odor Control

Review the requirements under 3 AAC 306.430, and identify how the proposed premises will meet the listed requirement.

Describe the odor control method(s) to be used and how the marijuana cultivation facility will ensure that any marijuana at the facility does not emit an odor that is detectable by the public from outside the facility:

A commercial grade activated carbon filters will be used if necessary, depending on whether there is an issue with odors 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.

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Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the item below.

I understand and agree that:	Agree	Disagree
The board will or the director shall 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	☑	☐

Describe the testing procedure 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 6 – Security

Review the requirements under 3 AAC 306.430 and 3 AAC 306.470 – 3 AAC 306.475, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the two items below.

The marijuana cultivation facility applicant has:	Agree	Disagree
Read and understands and agrees to the packaging of marijuana requirements under 3 AAC 306.470	☑	☐
Read and understands and agrees to the labeling of marijuana requirements under 3 AAC 306.475	☑	☐

Restricted Access Area (3 AAC 306.430):	Yes	No
Will the marijuana cultivation facility include outdoor production?	☐	☑

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground fully enclosed by a physical barrier:

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Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility cannot be observed by the public from outside the facility:

The facility HAS ONE WINDOW AT ITS SINGLE ENTRY INTO THE OFFICE AREA. THE facility HAS NO OTHER WINDOWS AND will ensure that cultivation and storage areas are not visible by the public from any entrance to the facility. Furthermore, all cultivating, processing, curing, packaging and labeling activities will occur inside the facility. When transporting marijuana to another licensed facility, Alaska Growth will ensure that packages are opaque and moved to the transport vehicle in a discreet manner. Any vehicle used by the facility to transport marijuana will be unmarked and discreet.

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 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 perjury that I have examined this form, including all accompanying schedules and statements, and to the best of my knowledge and belief find it to be true, correct, and complete.

Signature of licensee

Jon A Tuttle

Printed name

Subscribed and sworn to before me this 28 day of July, 2017.

SALLY JO SPRINKLE
Notary Public
State of Alaska
My Commission Expires Mar 22, 2021

Notary Public in and for the State of Alaska.

My commission expires: 03/22/2021

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(Additional Space as Needed):

Business Name: Alaska Growth
License Number: 13257
Batch/Lot Number:
Gross Weight: Net MJ Weight:
Packaging Date: Best By Date:
Strain:
Tested By: License Number:
Total THC: THCA: CBD: CBDA: CBN:
Microbial Test:
Fungicides: Herbicides: Fertilizers:
Soil Amendments:
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.

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