550 W 7th Avenue, Suite 1600
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https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

Alaska Marijuana Control Board

Cover Sheet for Marijuana Establishment Applications

What is this form?

This cover sheet **must** be completed and submitted any time a document, payment, or other marijuana establishment application item is emailed, mailed, or hand-delivered to AMCO's main office.

Items that are submitted without this page will be returned in the manner in which they were received.

Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	Alaskan Leaf, LLC	**License Number:**	10578		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	ALASKAN LEAF, LLC				
Physical Address:	1211 West 36th Avenue, Suite A				
City:	Anchorage	**State:**	AK	**Zip Code:**	99503
Designated Licensee:	Loren Dreyer				
Email Address:	lorendreyer@gmail.com				

Section 2 – Attached Items

List all documents, payments, and other items that are being submitted along with this page.

Attached Items:	Form MJ-04: Operating Plan Supplemental, Marijuana Cultivation Facility

OFFICE USE ONLY					
Received Date:		Payment Submitted Y/N:		Transaction #:	

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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:	Alaskan Leaf, LLC	**License Number:**	10578		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Alaskan Leaf, LLC				
Premises Address:	1211 W. 36th Suite A				
City:	Anchorage	**State:**	ALASKA	**ZIP:**	99503

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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 area covered by the standard marijuana cultivation facility license is approximately 42 feet by 22.5 feet, for a total of 945 square feet. This area includes space for decontamination, seedlings/clones, vegetative growth, flower room, trimming and drying, restroom, storage, sinks, safe and security equipment, refridgerator, utilities, and sufficient work space.

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

Alaskan Leaf, LLC will use a combination of soil and hydroponic mediums depending on the gowth stage of the plant and its intended purpose. These mediums include rockwool, clay pellets, perlite, coco fiber, lava rocks, etc. In the beginning we will use mostly soil and rockwool, but we will upgrade and refine our growing mediums and methods as we progress along our organizational learning curve. Our mother plants will be placed in a soil medium. Cuttings will be placed into small cubes and ttransplanted to larger hydroponic mediums as they progress through vegetative and flower growth stages.

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

Alaskan Leaf, LLC will use a combination of fertilizers to maximize plant health and strength. We will use Heavy 16 brand as our primary nutrient system. Other nutrients from Advanced Nurtrients or other suppliers will be used to aid in different development areas of the plant. These include Bud Ignitor, Big Bud, Overdrive, Rhino Skin, Sensizym, Bud Candy, Voodoo Juice, Piranha, Tarantula. These other nutrients assist with other critical growth areas such as root zone, microbials, terpene development, stalk strength and resilience, and potency. Carbon Dioxide will be used to maximize foliage growth. Cannabis plants need a higher CO2 parts-per-million level than that is naturally present in our air. CO2 will be purchased from Airgas or another approved supplier.

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

Our hydroponic feeding systems include recirculating top-drip and ebb and flow systems. Water and nutrient solutions will be recycled and reused by the plants. Plants in soil mediums will be hand-watered. Our recirculating systems are designed to give the plants just the right amount of water and nutrients and will generate minimal waste water. Any waste water will be collected and used to water landscaping or disposed of in accordance with local and state regulations, including 3 AAC 306.740.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Alaskan Leaf, LLC is committed to the health and safety of its employees and the community in which we operate. All cannabis waste will be rendered safe unusable prior to leaving the facility. Plant waste such as stems, stalks, roots will be ground and mixed 50/50 with compostable materials to be reused as fertilizer or disposed of according to local and state waste management regulations. Any waste needing to be stored will be locked and secured on-site until transportation or disposal. Our hydroponic systems are designed to minimize water and nutrient solution waste. Waste water and old nutrient solution will be collected to water landscaping or disposed of according to local and state waste management regulations. Disposal logs will record all waste disposal and will be tracked in accordance with 3 AAC 306.740.

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:

Alaskan Leaf, LLC has designed the cultivation facility environmental control and exhaust systems to eliminate odor in two phases:

1) All plant-touching air will be filtered initially upon leaving the growing rooms; and
2) All air within the cultivation facility (but outside the growing rooms) will be filtered again before leaving the building.

By filtering the air twice we will ensure that no detectable odors will be present outside our licensed premise. Charcoal filters will be used in conjunction with in-line fans to control air flow and odor. The facility's recirculating air-conditioning system will also be carbon filtered.

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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:

Alaskan Leaf, LLC will, in accordance with 3 AAC 306.455, collect a random sample from each batch to be submitted to an approved marijuana testing facility. Each batch will be segregated and held until the random sample is tested and approved. Transportation of samples will be conducted by an employee or contracted with a transportation security company in accordance with 3 AAC 306.750.

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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:

N/A

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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 cultivation facility has no windows. The facility has two doors, one in the back and one in the front. Both doors are solid, non-transparent, doors and will remain locked at all times. All cultivation operations are conducted inside grow rooms inside the facility. Therefore, even if someone happened to look through a door when it is opened by an authorized licensee or employee, they would not be able to see any marijuana plants or products.

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

Loren Dreyer
Printed name

Subscribed and sworn to before me this 23rd day of July, 2016.

CINDY KIM NOTARY PUBLIC STATE OF ALASKA MY COMMISSION EXPIRES APR 1, 2019

Notary Public in and for the State of Alaska.

My commission expires: 04/01/2019

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(Additional Space as Needed):