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:	Frontier Grow Labs, LLC	**License Number:**	11319		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Frontier Grow Labs, LLC				
Premises Address:	1725 Richardson Highway Suite 108				
City:	North Pole	**State:**	ALASKA	**ZIP:**	99705

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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:

Phase one of our cultivation area will be conducted in Suite 108, with the dimensions of 100.2' by 35.2' (3,527.04 sq. ft.). Phase two of our cultivation will be conducted in Suite 106 and will not be used until a change form from the Marijuana Control Board has been approved.

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

The indoor facility will use a Deep Water Culture System which utilizes an oxygenated aqueous solution as the medium with a clay pebble substrate. Our clones will be rooted in perlite within humidity domes. We will also be using local soil with soil amenders as a medium.

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

The indoor facility will use a concentrated hydroponic solution that will be diluted, acting as fertilizer for the plants. The type of fertilizers and nutrients include: Cutting Edge Solutions brand Micro, Grow, Bloom, Sugaree, Uncle Johns Blend. Botanicare brand CAL-MAG, Grow, Micro, Bloom, Pure Blend Pro hydroponic line. General Hydroponics brand Micro, Grow, Bloom. Advanced Nutrient line PH Perfect Micro, Grow, Bloom, Bud Candy, Big Bud Line, Jungle Juice Line. Nuke'em, Grow More part 1 and Part 2, BioBizz Line, Extreme Tea, molasses, pyrethrum. SM-90 and or HydroSparkle to maintain a sterile aqueous solution.

We will also be using soil amendments along with local soil for fertilization. Organic soil Amendments include; compost, earthworm castings, fish bone meal, Alaska Fish Fertilizer, dolomite lime, Azomite, blood meal, bat guano, Epsom salt, and perlite.

100% organic and non-toxic pest and mold treatment may be used if needed including Neem Oil and Serenade Biofungicide via foliar feeding. There will be no carbon dioxide management systems used.

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

Our on-site reservoirs will be filled with reverse osmosis water filtered from our private well. We will mix the appropriate nutrients and distribute them to our individual flowering and vegetative rooms with an in-line and or submersible pump hose system.
The waste water will be stored and monitored in our on-site waste water tanks where they will be properly removed to a local waste water treatment facility.

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Describe the marijuana cultivation facility's waste disposal arrangements:

We will dispose a majority of our solid and liquid waste through compost processes that have been approved by the Marijuana Control Board and the state of Alaska. We will follow all local and state laws regarding composting practices and requirements. Any solid or liquid waste that is non-compostable will be housed and secured in a holding tank on premises and will be properly disposed of at a state licensed facility. All marijuana waste will be managed and recorded through house and state marijuana tracking systems. We will mix marijuana waste product with at least an equal amount of non-marijuana product to render it unusable. In order to make marijuana waste unusable we will mix it with at least equal parts of compostable materials including food waste, yard waste, and vegetable-based grease or oils and/or non-compostable materials including paper, cardboard, plastic, oil or other waste materials approved by the board.

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:

The indoor facility will contain an activated carbon filtration system with replaceable media to ensure that marijuana inside the facility does not emit an odor detectable to the public.

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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:

An owner or manager will be the designated individual responsible for collecting each sample. The designated person will collect a random, homogeneous sample for testing by segregating the marijuana into batches of individual strains of bud and flower then collecting a random sample from each batch. They shall than prepare a signed statement showing that each sample has been randomly selected, providing a copy to the marijuana testing facility and maintaining a copy for business records. The sample will then be transported to the marijuana testing facility in accordance with all marijuana transport regulations. All non-tested marijuana will be segregated from the tested product and placed in a cabinet which is properly labeled and in a secure, cool, and dry location until the testing facility reports the results from its tests in writing. No marijuana will be sold or transported until all laboratory testing is completed. We shall maintain testing results as part of our business records.

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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:

All marijuana will be held and stored within our enclosed facility. Additionally there will be a non transparent material lining the front perimeter of our fence to block any visual from the public. Our Standard Operating Procedures also dictate that marijuana be concealed and packaged before leaving the facility for transport.

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

Lawrence Benta
Printed name

Subscribed and sworn to before me this 21 day of Feb, 2017.

Official Seal
STATE OF ALASKA
Notary Public
Naomi Spoerle
Commission Expires 01/2

Naomi Spoerle
Notary Public in and for the State of Alaska.

My commission expires: 01/26/2019

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(Additional Space as Needed):