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:	Boreal Inc.	**License Number:**	10514		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Boreal Inc.				
Premises Address:	2770 Picket Pl. #2				
City:	Fairbanks	**State:**	ALASKA	**ZIP:**	99709

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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 warehouse is a total of 5593 sq ft. 4704 Main Floor / 835 Upstairs
Growing
Vegetative Room = 700 sq ft.
Clone Room = 198 sq ft.
Flower Room= 2515 sq ft.
Total = 3413 sq ft.

Other
Mix Area = 315 sq ft.
Curing and quarantine = 198 sq ft.
Bath and Utility = 180 sq ft.
Non Growing area = 1487 sq ft.
Total = 2180 sq ft.

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

Coco Cior: Coconut husk
Rockwool: Basalt rock and Chalk
Hydroton: Expanded Clay Pellets
Rapid Rooters: composted tree bark and organic materials
Perlite: amorphous volcanic glass

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

Nutrients: Nectar of The Gods Organic Nutrient Line
Botanicare Nutrient Line
General Hydroponics Line
Boogie Brew compost tea
Roots Organics Nutrient Line
Great White Mycorrhize
Turpinator
RX Green Solutions Line
Advanced Nutrients Line
Dutch Masters Nutrient Line
Full On
Veg +Bloom Line By Hydroponic Research
Pest Control: Neem Oil
Dr. Bronner's Sal Suds Biodegradable Cleaner
Flying Skull Nuke Em Organic
Insect Frass
Down to Earth Organic Amendments
PH UP and PH Down
SLF 100
Photosynthesis Plus
Bleach, Rubbing Alcohol, Dish Soap, and H2O2 (Hydrogen Peroxide) will be used to sterilize grow areas.
Clone X Cloning Gel
Co2 will be used at a later date in conjunction with co2 alarms and sensors. Co2 when used will be in gas form from tanks and administered using proper controllers.
Boreal will provide MSDS sheets at the request of any customer or government entity. (Nitrogen, Phosphorus, Potassium,

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

All watering will be done using an automated drip system that will be activated manually or by timer. Nutrients will be mixed in a 55 gallon drum and dispersed into reservoirs accordingly. We are using a drain to waste system in which all excess water should be taken up by the plant or evaporate. In the event we have waste water we will dilute and reuse it. In the event it is unusable we will put it in a poly-drum to be disposed of properly in accordance with 3 AAC 306.740.

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Describe the marijuana cultivation facility's waste disposal arrangements:

We will have a barrel for any excess water containing nutrients. Excess water should be minimal due to the drain to waste system. In the event we have unusable water it will be either filtered and reused or disposed at a certified water treatment facility.

Any solid waste disposal will be arranged with Alaska Waste once mixed with materials rendering it useless in accordance to 3 AAC 306.740. We reserve the right to mix in approved materials compost-able and non, listed in regulation 3 AAC 306.740 in the event we lack coco growing medium to do so.

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:

We will use activated carbon filters in conjunction with our facilities exhaust system. We will replace the activated carbon at regular intervals. It will also be monitored through daily inspection. Anytime an employee notices smell or if there is a complaint made filters will be replaced immediately. We maintain the carbon filters to the best of our ability abiding by 3 AAC 306.430 (c2).

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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:

All random sampling will be preformed by an assigned manager. They will be required prepare a signed statement and provide it to the testing facility. All random sampling will be done in accordance to 3 AAC 306.455. All records will be saved. Samples chosen randomly will be sent to a state licensed testing facility and all product will be held in the quarantine room until test results return. Then and only then will the product be cleared and moved into the finished product room. In the event of a failed batch it will be documented with METRC 3 days prior and disposed properly per 3 AAC 306.740 and 3 AAC 306.730.

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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 is not open to the public. The facility has no windows.

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.

Kris Thompson
Signature of licensee

Kris Thompson
Printed name

SHAUN M. TACKE
My Commission Expires
NOTARY PUBLIC
September 7, 2017
STATE OF ALASKA

Subscribed and sworn to before me this 11th day of August, 2016.

Notary Public in and for the State of Alaska.

My commission expires: 9/7/2017