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:	DHC, LLC.	**License Number:**	14706		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	DENALI HERB COMPANY				
Premises Address:	1328 E. FAIRVIEW LOOP ROAD				
City:	WASILLA	**State:**	ALASKA	**ZIP:**	99654

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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 total square footage under cultivation for Suite A within the building is = 364.32 SF' under cultivation.

Grow room areas to be under cultivation are as follows:

Flower Room 9'.4" x 14'.375" = 135.12 SF'

Flower Room 9.7' x 12' = 116.4 SF'

Veg Room 9.4' x 12' = 112.8 SF'

Total SF under cultivation = 364.32 SF'

See MJ-02

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

- Soils:
Sunshine #4 and
Roots Organics potting mix.

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

- Advanced Nutrients pH up and pH down
- Azatin O (or Azamax if not able to source)
- CapSil for mixing with AzatinO
- Kaligreen (or Greencure if not able to source) for use on plants
- Sanidate 5.0 for sanitation of facility
- Oxidate 2.0 for use on plants
- Hydrogen Peroxide 34% H2O2.
- Advanced Nutrients SensiGrow and SensiBloom
- Roots Organics HPK
- General Hydroponics pH reference solution 4 and 7
- Hanna EC reference solution 1413
- BlueLab EC reference solution 2.77
- Hanna QuickCal Solution
-Ozone generator: Ozone is able to permanently kill odors, mold and germs by oxidizing the source of the contamination will be used in conjunction with charcoal filters to eliminate marijuana odors.
-CO2 generators with CO2 detectors within building for warning if there is a CO2 buildup within the structure as directed by the state fire marshal.

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

Plants will be watered by means of hand watering, water can, or by means of a reservoir fed, timer controlled, metered drip emitter style system. The hand watering and/or irrigation system to be used in the proposed cultivation facility is designed to minimize waste. All excess run off from plants will be collected in collection containers, reused and any remainder will be allowed to evaporate.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Within this limited cultivation, little liquid waste is expected as all plants have catchment containers under them to gather any overflow which will be reabsorbed in to the soil or evaporate. All plants will be hand watered. Any extra marijuana or marijuana product that is determined to be non-usable or out of sale date etc, will be stored on-site until disposal can be arranged with Alaska Waste or similar company or taken to the landfill for solid waste disposal after mixing/mulching in a 50/50% ratio and grinding and making unusable with organic biodegradable materials such as grass clippings, leaves, food or household paper etc. Three days written notice must be given to AMCO before making the marijuana unusable.

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:

Canister style, activated carbon filters will be utilized in conjunction with ducted fans within the proposed cultivation facility to prevent any marijuana odor from being detected by the public. Ozone generators may be utilized if determined necessary near exits to mitigate any unwanted smell from exiting the facility that may exist.

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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:

Upon notification that the board or the director require samples for random compliance checks of the proposed facility, a licensee or an authorized agent of the proposed facility will notify an independent testing laboratory (of the states' choice if applicable) to send a representative to collect the required samples. This way, a chain of custody is established, and the possibility of unintentional contamination due to improper sample collection practices is minimized.

All marijuana product batches will be tested for a battery of state required impurities and/or contaminants by a state licensed lab in accordance with 3 AAC 306.455. The facility will collect random samples from homogeneous batches of individual strains of bud or flower in the amount required by the selected testing facility. Marijuana will be segregated in to five (5) pound lots.

We will further select homogeneous samples from our limited cultivation facility for random testing during our growing cycles in order to ensure the highest of quality of standards are met.

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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.

P. 6: MJ-04: SUPPLEMENT

SAMPLE LABEL #1

(1) "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."

Retailer: ABC Buds, LLC.
License No. 12316
BARCODE: IIIIIIIIIIIIII
VENDOR LIC NO: 14706
VENDOR NAME: Denali Herb Company

KUSH PREROLL .73 Grams
Harvest Batch No. 1A34fgh1234
Net. Wt: 0.73 GR (0.0257 OZ)
TEST: THCA: 18.48%, THC 16.6%, CBD: .06%

SAMPLE LABEL #2

(1) "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."

Retailer: ABC Buds, LLC.
License No. 12316
BARCODE: IIIIIIIIIIII
VENDOR LIC NO: 14706
VENDOR NAME: Denali Herb Company

BIG GREEN PREROLL .73 Grams
Harvest Batch No. 1A34fgh5678
Net. Wt: 0.73 GR (0.0257 OZ)
TEST: THCA: 23.48%, THC 20.6%, CBD: .05%

After marijuana has been harvested and processed, a sample will be taken from each batch and sent for testing. While results are pending, the batch will be "quarantined" until it is deemed acceptable and passed by the testing facility. Marijuana will be packaged in up to five pound wholesale packages for retail marijuana stores. All labeling on all packaging will meet the standards as required for cultivators. All marijuana slated to leave the facility will be placed into a durable, tamper-evident METRC packaging prior to transport. The shipment will be accompanied by the appropriate manifest, and will be verified by the licensee or designated agent before the shipment is permitted to leave.

In accordance with 3 AAC 306.470, when we package the marijuana in up to five pound lots consisting of a single strain or a mixture of strains as identified on the label In accordance with 3 AAC 306.475, the packaging shall have these 5 statements to be on the packaging:
(1) "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.".

Bulk marijuana products will be packaged for transport to another licensed marijuana facility in wholesale packages not to exceed five pounds. The product will be identified by a tracking label generated by the marijuana inventory tracking system.
(1) placing marijuana products within a sealed, tamper-evident shipping container;
(2) affixing a label that complies with 3 AAC 306.470 to the shipping container; and
(3) generate a transport manifest from the marijuana inventory tracking system; the transport generating a transport manifest from the marijuana cultivation facility's marijuana inventory tracking system; the transport manifest must remain with the marijuana at all times while being transported, and a copy must be given to the licensed marijuana establishment that receives the shipment.

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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 proposed facility is designed to be a completely indoor growing cultivation facility. There will be no windows that are not covered. No visibility in to the proposed licensed premises by the public will occur. No marijuana will ever be visible to the public.

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

Gregory L Stigen
Printed name

Subscribed and sworn to before me this 16 day of October, 20 17.

LANCE C. WELLS NOTARY PUBLIC STATE OF ALASKA

Notary Public in and for the State of Alaska.

My commission expires: 6/18/19

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(Additional Space as Needed):