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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 **Form MJ-01: Marijuana Establishment Operating Plan**, 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 the statutes and 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
- Waste disposal
- Odor control
- Testing procedure and protocols
- Packaging and labeling

This form must be completed and submitted to AMCO's main office before any new or transfer application for a standard marijuana cultivation facility or limited marijuana cultivation facility license will be considered complete.

Section 1 – Establishment Information

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

Licensee:	HAYSTACK INVESTMENTS, INC	**MJ License #:**		18111	
License Type:	LIMITED MARIJUANA CULTIVATION FACILITY				
Doing Business As:	HAYSTACK INVESTMENTS, INC				
Premises Address:	6718 HAYSTACK DR.				
City:	FAIRBANKS	**State:**	Alaska	**ZIP:**	99712

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Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the flow of marijuana from seed or clone to harvest and transfer from your premises:

All marijuana cultivated at Haystack will be tracked from seed or clone to sale or destruction in METRC. All plants that reach eight inches will be tagged and assigned a METRC tracking number. Marijuana will be harvested and grouped into batches up to five pounds of individual strains and will be assigned a METRC harvest batch number. A random sample will be collected from each batch and sent to a licensed testing facility. The remainder of the batch will be segregated in the secured quarantined product area until the testing results are received. A transport manifest generated from METRC will accompany each transfer of marijuana to another licensed facility. Marijuana will be sealed in containers not exceeding five pounds and placed inside a locked storage compartment within the vehicle or bed of a truck for wholesale transactions and up to one ounce containers for re-sale by retailers without re-packaging. Package labels will include: (1) the name and license number of the cultivation facility; (2) the date the marijuana was harvested; (3) the harvest batch number assigned to the marijuana; (4) the date the marijuana was packaged; (5) the net weight and the quantity of usable marijuana packaged in a standard of measure compatible with the inventory tracking system; (6) a complete list of all pesticides, fungicides, and herbicides used in the cultivation of the marijuana. All transfers of marijuana to other licensed facilities will be done in compliance with the state and local regulations and Haystack internal transportation policies.

Section 3 – Prohibitions

Review the requirements under 3 AAC 306.405 and 3 AAC 306.410.

3.1. I certify that the marijuana cultivation facility will not:	Initials
a. **sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation;**	JD
b. **allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on the licensed premises or within 20 feet of the exterior of any building or outdoor cultivation facility; or**	JD
c. **treat or otherwise adulterate marijuana with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana.**	JD

Section 4 – Cultivation Plan

Review the requirements under 3 AAC 306.420 and 3 AAC 306.430.

4.1. 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:

Mother & clone room area is 8.6X10 feet, but the actual area under cultivation is limited to the tables utilized for plant growing. In the Mother/Clone room, there are two tables, a clone table, and one mother table.
The MOTHER table is 4ft x 8ft, which amounts to 32 square feet under cultivation.
The CLONE table is 2ft x 4ft, which amounts to 8 square feet under cultivation.
The Veg room area is 8X10, but the actual area under cultivation is limited to the tables utilized for plant growing. In the Veg room there is ONE table.
The VEG room table is 4ft x 8ft, which amounts to 32 square feet under cultivation.
The Flowering room's dimensions are 17X22.6ft, but the area under cultivation is limited to the tables utilized for plant growing. In the flowering room there will be four (4) tables under cultivation.
The FLOWERING room tables are all the same dimensions which is each table is a 4ftX8ft table. Therefore, the total area under cultivation in the flowering room is 128 sq feet.
RECAP of area under cultivation: Mother table (32 sq feet) + Clone Table (8 sq feet) + Veg Table (32 sq feet) + Flowering(128 sq feet) = Total area of Cultivation = 200 square feet
There are no vertical types of cultivation (such as shelves or racks).

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You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.2. The proposed area(s) for cultivation are clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application. TD

Answer "Yes" or "No" to the following question: Yes No

4.3. Will the marijuana cultivation facility include outdoor production? ☐ ☑

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

4.4. Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility, whether indoors or outdoors, cannot be observed by the public from outside the facility:

The Cultivation facility is on private land, with a long driveway, on a private road. Driveway is clearly posted with no trespassing, private property signage and a locking gate. Facility will have a single entry point that will only be accessible by a access code. There are no windows in the facility and all movement/transport of marijuana will be discrete and occur inside the facility. Any marijuana removed from the facility for transport will be packed in a locked and opaque container prior to leaving the facility. Facility will always be locked and secured, even when entity officials are present in the facility.

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

Rockwool cubes by Grodan will be used throughout the entire grow.

4.6. Provide the complete product name and EPA registration # (if applicable) for each of the cultivation facility's pesticides and pest control products to be used. All proposed products must be on DEC's list of approved pesticides in the state of Alaska:

Clonex - Rooting Gel (EPA# 79664-1); NATURE-GIDE ALL PURPOSE INSECTICIDE (exempt-25(b)); NIMBIOSYS NEEM OIL (EPA #84181-2); Nemododes - Natural Insect predators Pyrethrum-pr. (ie PYRETHRUM TR TOTAL RELEASE INSECTICIDE) (EPA# 499-479); and any other pesticide that is approved and listed on the DEC's marijuana approved pesticide list.

4.7. Describe all other fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used at the marijuana cultivation facility:

Haystack may use Ph up, Ph down by General Hydroponics, and the whole line of General Hydroponics brand 3 part Flora fertilizers; Ph Solutions for calibration Nutrients; NSR Green leaves Nutrients; Grow juice; Super thrive vitamin Solution. C02 infusion will be used, Titan Controls Ares 4 - Four Burner LP C02 Generator- 10.6 CUFT/HR with Co2 alarm sensors will be placed within facility.

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

The facility will use a combination of hand watering and a drip irrigation system. There is virtually no waste water involved in these processes.
all waste water will be used for the residents lawn or sent down to the septic system on site.
Water will be supplied by a local water well service that has an average water PPM of .010.

Section 5 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

5.1. The marijuana cultivation facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it. JD

5.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including wastewater generated during marijuana cultivation, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown:

As required by 3 ACC 306.740 (c)(1) all marijuana waste will be placed into the marijuana tracking system for at least 3 days before being disposed of and a waste report form will be sent to enforcement three (3) days prior to rendering marijuana unusable. As required by 3 ACC 306.740(d) marijuana waste will be made unusable by grinding the marijuana waste and mixing at least equal amounts of other compostable and non-compostable materials. Material will be include food waste, yard debris and used cocoa coir. this will be done under video surveillance as required by 3 ACC 306.740 (a)(c). Waste will then be placed into a compost pile on site.
A record will be kept of the final destination of all marijuana waste made unusable. All plastics and non bio degradable waste will be bagged and took to the local landfill
notice will be given via METRC to the marijuana control board and by email to Enforcement not later then 3 days before rendering waste unusable.

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Section 6 – Odor Control

Review the requirements under 3 AAC 306.430.

Answer "Yes" or "No" to the following question:	Yes	No
6.1. Have you received an exemption from your local government for the odor control requirement set forth in 3 AAC 306.430(c)(2)?	☐	☑

If "Yes", you must be able to certify the statement below. Read the following and then sign your initials in the box:	Initials
I am attaching to this form documentation of my odor control exemption from the local government.	☐

If "No" to question 6.1., 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:

All exhaust fans will be equipped with large carbon filters.
In addition the facility located in an area on the property to not allow local access near enough to detect any odor of marijuana.

Section 7 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465.

You must be able to certify each statement below. Read the following and then sign your initials in the corresponding box:	Initials
7.1. I understand and agree that the board or director will, 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.	ID
7.2. I will ensure that any individual responsible for collecting random, homogenous samples for required laboratory testing under 3 AAC 306.455 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755.	ID

7.3. Describe the testing procedures and protocols the marijuana cultivation facility will follow:

As required by 3 ACC 306.455 (b)(2) licensee will be responsible for collecting each sample for testing.
In compliance with 3 ACC 306.455(b)(1) the licensee shall segregate harvested marijuana into batches of bud and flower of individual strains. The licensee will then collect a random homogeneous sample for the testing in an amount the testing facility requires.
As required by 3 ACC 306.455(b)(2) licensee will sign a prepared statement stating that each sample was randomly selected for testing.
As required by 3 ACC 306.455(b)(2)(b) a copy shall be provided to the testing facility.
As required by 3 ACC 306.455(b)(2)(c) a copy shall be kept at the proposed facilities office to comply with 3 ACC 306. 755
As required by 3 ACC 306.750 the licensee will then transport the sample to a licensed testing facility.
As required by 3 ACC 306.645 licensee will keep the entire batch of marijuana shall be tracked in the METRC system and kept in the quarantine area until testing results come back as PASSED - marijuana will also be stored in the restricted access area until shipment to retailer or manufacturer.

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Section 8 – Packaging and Labeling

Review the requirements under 3 AAC 306.470 and 3 AAC 306.475.

Answer "Yes" or "No" to the following question:	Yes	No
8.1. Will the marijuana cultivation facility be packaging marijuana for a retail marijuana store to sell to a consumer without repackaging?	☑	☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

As required by 3 ACC 306.470 (a)(b)(c) Packaging will be less then one ounce. Packaging will be contamination proof and non toxic.
packaging will not use any printed images that specifically targets persons under 21 years of age and be identified by a tracking label generated by METRC.

Answer "Yes" or "No" to the following question:	Yes	No
8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages?	☑	☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

AS required by 3 ACC 306.470 (1)(2) Packaging will not exceed five pounds for repackaging by a retail store.
Packaging will not exceed five pounds and will consist of a single strain or mixture of or strains as identified on the label.

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 AS 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 unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

James Dunlap
Signature of licensee

JAMES E DUNLAP
Printed name of licensee

NOTARY PUBLIC
MALISSA BERGAN
STATE OF ALASKA
My Commission Expires Feb. 1, 2021

Malissa Bergan
Notary Public in and for the State of Alaska
My commission expires: 2/1/21

Subscribed and sworn to before me this 11 day of June, 2019.

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(Additional Space as Needed):

WHOLESALE LABEL

Front of Package	Back of Package
Strain Name **Indica-Dominant** *Insert statement disclosing a complete list of all pesticides, fungicides and herbicides tested for and not tested* Net Weight: 1LB	Cultivator: Haystack Investments License #18111 HB#: XXXXX Strain: OG North Star **METRC #:** 36B875000036451115AB **Testing Lab:** ABC Lab **License #:** 18111 **Testing Date:** 02/05/2018 HBXXXX test results: **Fungicides:** None **Herbicides:** None **Pesticides:** None **Total THC:** XXXX% **Total CBD:** XXXX% **THC:** XXXX% **CBD:** XXXX% **THC-A:** XXXX% **CBD-A:** XXXX% **CBN:** XXXX% **3 months of past test results for same strain of plant type: Cannabinoid Profile:** **Total THC:** XXXX% **Total CBD:** XXXX% **THC:** XXXX% **CBD:** XXXX% **THC-A:** XXXX% **CBD-A:** XXXX% **CBN:** XXXX% **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.

*or similar format and content

RETAIL LABEL

Front of Package	Back of Package
window to view product *Strain Name* **Indica-Dominant** Net Weight: 3.5 g (0.124 oz.) PLACE HOLDER FOR RETAILER TO PUT RETAILER STICKER LABEL	Cultivator: Haystack Investments, Inc. License #18111 HB#: northstarvalley252018 Strain: North Star OG **METRC #:** 36B875000036451115AB **Testing Lab:** ABC Lab **License #:** 18111 **Testing Date:** 02/05/2018 **Fungicides:** None **Herbicides:** None **Pesticides:** None **Cannabinoid Profile:** **Total THC:** XXXX% **Total CBD:** XXXX% **THC:** XXXX% **CBD:** XXXX% **THC-A:** XXXX% **CBD-A:** XXXX% **CBN:** XXXX% **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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