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:	HE Holdings, LLC	**License Number:**	12488		
License Type:	Standard Marijuana Cultivation				
Doing Business As:	ThirdState				
Premises Address:	200 Pheasant Farm Road				
City:	Fairbanks	**State:**	ALASKA	**ZIP:**	99712

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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:

Please see attached spreadsheet

Shop		
Total Square Footage:	4080	
Total Square Footage Under Cultivation:	3055.67	
Room:	Dimensions	Square Footage
Mother	6.5' X 10' 6.5"	68.52
Clone/ Veg 1	7' X 10' 6.5"	73.8
Veg 2	13.5' X 10' 8.5"	144.56
Veg 3	42' X 17'	714
Flower 1	42' X 22' 7"	948.5
Flower 2	41' 10" X 22' 7"	944.6
Drying	13' X 8' 3.5"	107.8
Curing	6.5' X 8' 3.5"	53.89

Greenhouse (ALL UNDER CULTIVATION)		
Total Square Footage: 30' X 100'	3000	

Total under cultivation:	6055.67	

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

ThirdState will be using aeroponic cloners and hydroponic mediums such as rockwool and coconut fibers.

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

ThirdState will be using these fertilizers: Cutting Edge Solutions Micro and Bloom, Chemgro and/or Masterblend 4-18-38, Plantation Molasses. ThirdState will also be mixing nutrients with these compounds: Calcium Nitrate, Magnesium Sulphate, Mono Potassium Phosphate, Fulvic Acid, Kelp, and Potassium Sorbate. ThirdState will be using ADEC approved growth hormones for clone rooting. ThirdState will use Oxidate and Regalia as fungicides. ThirdState will also be using chemicals such as pH up and pH down. ThirdState plans on using natural pesticides but will possibly use any pesticide listed on ADEC's list of marijuana pesticides as needed. Any fertilizer or pesticide used will be noted, per batch, on our packaging. CO2 burners will be used in our indoor facility. Fertilizers will be delivered via hand watering at first, and then through a drip irrigation and automated fertilizer injection system.

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

Irrigation will be provided via hand watering with water wands at first, and then through drip irrigation. Any wastewater from our indoor facility will go down the drain into our ADEC approved holding tank. Any wastewater runoff from our greenhouse will be contained and used for fertigation of alternate crops or put down the drain in our indoor facility.

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Describe the marijuana cultivation facility's waste disposal arrangements:

ThirdState will dispose of its own non-compostable solid waste into the marijuana waste, and grind both materials together. After the marijuana waste and non-compostable waste have been ground up together, licensees will transport it for disposal to the approved landfill in Fairbanks. Compostable waste will be reused in the hay field. No disposal of waste will take place with out 3 day notice via email to Enforcement, that the disposal will be occurring.

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:

ThirdState will be using carbon filtration in the indoor facility. ThirdState has been granted a conditional use permit by the Fairbanks North Star Borough to cultivate in the outdoor greenhouse without the use of odor filtration.

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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:

ThirdState will provide a sample of each harvest batch of marijuana produced at the facility to a marijauana testing facility and will not sell or transport any marijuana until all laboratory testing required under 3 AAC 306.645 has been completed. ThirdState will:

(1) collect a random, homogenous sample for testing by segregating harvested marijuana into batches of individual strains of bud and flower, then selecting a random sample from each batch in an amount required by the marijuana testing facility

(2) designate an individual responsible for collecting each sample; that individual shall

(A) prepare a signed statement showing that each sample has been randomly selected for testing
(B) provide the signed statement to the marijuana testing facility
(C) maintain a copy as a business record under 3 AAC 306.755

(3) transport the sample to the marijuana testing facility's licensed premises in compliance with 3 AAC 306.750.

ThirdState shall segregate the entire batch from which the testing sample was selected until the marijuana testing facility reports the results from its tests. During this period of segregation, the marijuana cultivation facility that provided the sample shall maintain the batch in a locked, cool, and dry cabinet to prevent the marijuana from becoming contaminated or losing its efficacy. ThirdState shall maintain the testing results as part of its business books and records, in hardcopy and on the cloud.

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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:

ThirdState will have one 30' X 100' greenhouse made of 2 layers of 6 mil polysheeting. The greenhouse will be within a secure fenced in area with a 6 ft tall privacy (material covered fencing to ensure sight obscuring). See attached site plan for further detail.

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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 indoor facility will not have any openings or windows in which marijuana could be viewed from outside, the outside fenced area to the north of the building will have a 6 ft tall sight obscuring privacy fence as well. There will not be any marijuana grown within this fenced area. There will, however, be unusable marijuana waste stored in the locked dumpster within this fenced area. The greenhouse will be within a fenced area with a 6 ft tall sight obscuring privacy fence. Please see attached plot plans.

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

Haley Essig
Printed name

"Official Seal"
Notary Public
B. Orloff
State Of Alaska
Commission #150819001 Expires 08/19/2019

Subscribed and sworn to before me this 23 day of August, 2017.

Notary Public in and for the State of Alaska.

My commission expires: 08/19/2019