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:	Joel Zebill	**License Number:**	10876		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Hale Harvest				
Premises Address:	18132 Loveall Loop				
City:	Clam Gulch	**State:**	ALASKA	**ZIP:**	99568

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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:

There will be four seperate grow areas, in one building. their dimensions and square footage are:
9' 6 3/4" x 25' 5" = 243.05 ft^2
9' 6 3/4" x 15' = 143.44 ft^2
9' 6 3/4" x 5' = 47.81 ft^2
6' 6" x 10' = 65ft^2

Total growing area will be 499.3 ft^2.

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

The plants will be grown in Bato buckets using dirt. This dirt will be supplemented over time with compost from the plant waste.

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

Hydro Organics Earth Juice Rootstock - rooting gel
Bat guano - fertilizer
Bone meal - fertilizer
Blood meal - fertilizer
Hydro Organics Earth Juice Sweet and Heavy - fertilizer
Hydro Organics Earth Juice Grow - fertilizer
Hydro Organics Earth Juice Microblast - fertilizer
Hydro Organics Earth Juice Double Up - Ph adjuster
Hydro Organics Earth Juice Natural Down - Ph adjuster
continued on last page

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

A combination of well water and captured rain will be used to irrigate the marijuana crops. The plants will be individually watered using a drip irrigation system.
Excess runoff from irrigation will be drained into a drain field.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Marijuana solid waste will be ground and composted for future use as soil. Non-marijuana solid waste will be deliverd to the local waste transfer site on a timely basis by either the owner or designated employee. Surplus runoff from irrigation and wastewater from handwashing will be drained into a drain field on the property.

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:

All air will exit the cultivation facility at a single point. The air leaving will be treated with sufficient ozone to ensure that no marijuana smell remains. In addition a carbon filter may be employed if to remove any trace odors of marijuana or ozone. An active ventilation system ventilation system will be maintained sufficient to ensure that all air exits the one location and that all other areas including the entrance are under slight negative pressure to eliminate any possible nuisance smell from emanating.

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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 harvested marijuana from a single batch of not more that fifty plants will be segregated into a single container. Designated personnel shall take from this batch a random sample of sufficient amount for the testing facilities requirements. The same personnel shall prepare a signed statement assuring that the sample taken was a random sample from the designated batch for the purpose of testing. The personnel shall provide this statement to the testing facility as well as maintaing a copy for business records. The sample shall then be transported to a testing facility following all applicable regulations under 3 AAC 306.750. Until the results are obtained on the sample which was tested, the batch from which it was obtained shall be securely stored in a cool, dry location to prevent contamination or loss of efficacy. Once the results are obtained from the testing facility, in writing, the results will be maintained as part of the business records and the batch may then be sold to an authorized retailer or manufacturer pursuant to to all relevant regulations.
If at any time the marijuana control board or it's director requests a sample of Hale Harvest's growing medium, soil amendmants, fertilizers, crop production aids, pesticides, or water, Hale Harvest's personnel will cooperate fully with the licensed testing facility, that has been designated by the board, to obtain the neccesary samples to perform the testing requested. All costs for this testing will borne by Hale Harvest.

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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 cultivation facility used by Hale Harvest has no windows and a single solid door with no window. All cultivation will be performed inside of this structure. At no point will the marijuana plants 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

Joel Zebill

Printed name

Subscribed and sworn to before me this 30th day of August, 2016.

OFFICIAL SEAL
TERESA HOOPS
NOTARY PUBLIC-STATE OF ALASKA
My Comm. Expires July 15, 2017

Teresa Hoops
Notary Public in and for the State of Alaska.

My commission expires: July 15, 2017

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(Additional Space as Needed):

continued from page 3:
Aurora Innovations Root Organics Extreme Serene - fertilizer
Aurora Innovations Root Organics HPK - fertilizer
Cutting Edge Solutions Sugaree - fertilzer
Rock Phospate - fertilizer
Genhydro AzaMax - organic pesticide
Fishy Peat Organic Potting Soil - dirt