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:	Michael J Welch	**License Number:**	15190		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Coldsmoke Farms				
Premises Address:	34669 Commerce St				
City:	Soldotna	**State:**	ALASKA	**ZIP:**	99669

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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 mother plants in a vegetative state will be inside an enclosed space measuring 5' x 10' within the restricted access area equaling 50 square feet.

The clones from the mother plants in the blooming area will on a table that is 4' x 16'. A second table measuring 4' x 16' will be built above the first table. The bloom area will take up 128 square feet of space.

The cloning area will be two 2' x 4' table. A second table measuring 2' x 4' will be built above the first table. The cloning area will take up 16 square feet.

The total area under cultivation will be 194 square feet.

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

The only growing medium used will be potting soil.

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

The fertilizers to be used will be Advanced Nutrients concentrated pre-mixed nutrients and supplements. Superthrive vitamin solution and Botanicare's Cal-Mag supplement will also be used. Worm castings and perlite will be added to the soil. Fresh air drawn into the premises through the ventilation system will be the only means of replenishing the carbon dioxide.

The nutrients and supplements will be mixed into 30 gallon water drums and applied to the plants by hand using either a watering container or a 12V pump and a watering wand.

All soil and nutrients will be bought locally and delivered to the premises with a pick-up truck. If online purchases are made, USPS, FEDEX and UPS will delivery to the premises.

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

Well water located at the licensed premises will be used for irrigation purposes. No waste water is expected to be generated. If waste water is generated, the septic system will be used.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Solid waste (plant material) will be stored inside the licensed premises and rendered unusable on the day it is created. The board will be given notice not less than 3 days before the waste is rendered unusable. Solid waste (which will be approximately 90% soil and 10% ground plant material) will be mixed together, placed in totes and hauled off to the landfill. No liquid waste is expected to be generated. If liquid waste was generated, the on-site septic system would be used. Records with the date, type of waste and disposal site will be kept onsite.

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:

A 311 cfm airflow exhaust system will be used for drawing fresh air into the licensed premises for cooling the grow room and replenishing CO2 levels. Attached to that exhaust fan will be an activated carbon filter to prevent odors from being detected outside the licensed premises.

Another exhaust fan attached to another carbon filter will circulate the air inside the licensed premises. This will eliminate odors inside the licensed premises and thus prevent odors being detected outside when the above mentioned exhaust/intake system is not running.

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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:

A random homogenous sample from each harvest batch of each separate strain will be selected by the licensee. The samples will be in an amount and packaged as determined by the testing facility. The licensee shall transport the samples to the testing facility as required by state regulations.

The harvest batch for which a sample has been sent to a testing facility shall remain inside sealed curing jars segregated inside the locked storage cabinet until the testing results reveal the product can be sold.

If random samples of the growing medium, fertilizers or soil supplements are requested by the control board, the licensee shall cooperate with the testing facility to comply with the control board's requests.

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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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COLDSMOKE FARMS

LICENSE: 15190

Harvest Batch:	XXXXXX
Strain/Strains:	Strain A
Net Weight:	XX ounces
Soil Amendments and Fertilizers used:	Advanced Nutrients liquid nutrients. Botanicare's Cal-Mag. Superthrive. Terpenez.
Pesticides, Fungicides, Herbicides used:	None
Testing Facility Information and Results:	Attached
Contaminants that were not tested:	None

_____ _____

Michael J Welch (907-331-9672) Date

STREET ADDRESS, CITY, ST ZIP CODE
T (123) 456-7890 U WWW.COMPANY.COM

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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 only window in the licensed premises will be covered by a set of closed blinds. The window does not face a public area.

BLACK-OUT FILM WILL ALSO BE PLACED ON THE WINDOW.

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

MICHAEL J WELCH
Printed name

Subscribed and sworn to before me this 26 day of October, 20 17.

NOTARY PUBLIC
RANDI BROYLES
STATE OF ALASKA
My Commission Expires July 21, 2019

Randi Broyles
Notary Public in and for the State of Alaska.

My commission expires: 7/21/19

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(Additional Space as Needed):

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