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:	Calm N Collective	**License Number:**	10799		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	CALM N COLLECTIVE				
Premises Address:	13886 W Parks Hwy				
City:	Houston	**State:**	ALASKA	**ZIP:**	99694

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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 main floor of the facility will have two areas under cultivation; a veg area of approximately 560 sq ft, with dimensions of roughly 30' x 20' and a bloom area of approximately 2260 sq ft, with dimensions of roughly 40' x 60'. The upstairs of the facility will have a mother room of approximately 500 sq ft with dimensions of roughly 20' x 25'.

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

The Cultivation Facility will use Pro-Mix Soil as a growing medium. Pro-Mix is specially formulated with all natural ingredients, It contains an organic fertilizer that provides gradual feeding to the plants.

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

The facility will use carbon dioxide (CO2) as a gas distributed in the growing rooms by pressurized cylinders of carbon dioxide. The gas is used to supply the plant roots and plant leaves with oxygen and carbon. The parts per million (ppm) of carbon dioxide gas distributed to each growing room will be constantly electronically monitored and set to turn on and off when the ppm concentration of CO2 gas falls below or rises above a set concentrate. The facility will use hydrogen peroxide and chlorine bleach as cleaning agents.

The facility will use FloraNova Bloom and FloraNova Grow as fertilizers. The fertilizer will be added to the 50 gallon water tank which is part of the watering system and mixed with the water according to a schedule. This fertilizer calls for 1/2 to 3 teaspoons per gallon of water from early flowering through harvest. The water containing the fertilizer will be delivered through hoses hanging above the plants. More information about FloraNova can be found at www.planetnatural.com/productfloranova-bloom/

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

The cultivation facility will use hoses to irrigate plants.
Waste water that is not re-used will be drained into the facility's septic system which was approved by an engineering firm to contain the type of waste water expected to be discarded from this facility (See details in Operation Plan Section 5) A neutralizer will be added to the septic system as well to eliminate the possibility of eutorphication.
A local septic pumping business licensed by local state and federal authorities to dispose of this type waste will be utilized to remove the waste water.

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Describe the marijuana cultivation facility's waste disposal arrangements:

All marijuana that does not meet testing requirements or the company's quality standards for whatever reason will be disposed of in accordance with the company's disposal plan. All marijuana waste will be stored in a secured bin separate from all other products and waste materials. Marijuana waste will be rendered unusable before departing the facility by grinding and incorporating the marijuana waste with either non-compostable or compostable solid waste so that the resulting mixture is at least fifty percent (50%) non-marijuana waste. Non-compostable solid wastes will include paper, plastic, cardboard, and soil. Compostable solid waste will include food, yard material, and vegetable-based grease or oils. Management will log the final composition of the mixture in a disposal log, available to the MCB upon request, and will ensure that the mixture is no more than fifty percent (50%) marijuana by volume before releasing it for disposal. The log will include the type of waste, date of disposal, date it was rendered unusable, and date that it was picked up by the disposal company.The company plans to dispose of the following marijuana waste: (1) waste from marijuana flowers, trim, and solid plant materials; (2) marijuana that is identified as infected or fails to meet quality testing; (3) marijuana plant waste; (4) run off water from the plants during cultivation; and (5) medium used for cultivation and root matter. Discarded solid waste marijuana will be stored in plastic garbage cans and marijuana waste will be entered into metric tracking system. After the 3 day notice period to AMCO the waste will be crushed and mixed in equal parts with topsoil or other food waste, or vegetable grease or oils. The garbage cans filled with unusable marijuana solid waste will be picked up by a waste facility licensed by local, state, and federal authorities to handle this type waste material. Accurate records will be kept in the inventory tracking system regarding the final disposition of the waste.

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 charcoal filtration system will be used in all air exchange and ventilation systems within the facility which will control the odor and prevent the public from detecting an odor from outside the facility. Management and ownership will periodical check the perimeter of the property for marijuana pungent smells to determine whether the filter needs to be changed.

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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:

There will be designated employees trained and authorized to take samples. After the marijuana is harvested and separated into batches of individual strains, the employee will collect a random sample of each batch in a sterile container using proper procedures to ensure the sample is not contaminated. (A face mask, gloves, sterile collection device will be utilized). The employee will sign a statement indicating the sample has been randomly selected, a copy of which will be maintained in the facilities business records. The sample will either be transported to the testing facility in the same manner wholesale and retail packages are transported to other facilities, or a licensed testing facility will pick up the sample from the facility. The batches from which the sample or samples are taken will be secured in a separate location and preserved so that it maintains it's freshness and integrity. The batches tested shall not be transferred to the packaging area and prepared for sale until the results of the testing for the batch are received by the facility, the product batch will be quarantine until the results are transmitted from the testing facility to the cultivation facility. The results of the testing will be transferred to the labels as required and maintained in the facilities business records.

The facility will transport all samples to the testing facility in compliance with the state regulations and the company's transportation policies. Further, the Company will fully comply with all requests from the MCB, including samples of growing medium, soil amendment, fertilizer, crop production aid, pesticide, or water, and shall bear the full expense for complying with such 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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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:

All of the walls and doors at the facility are solid metal-there are no windows. The public will not be able to see the marijuana from outside the facility. The marijuana will be loaded for transportation in opaque packaging as required.

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.

Lacey Bass
Signature of licensee

Lacey Bass
Printed name

Subscribed and sworn to before me this 1st day of June, 2016.

OFFICIAL SEAL
Marci Hawkins
Notary Public-State of Alaska
My Comm. Expires 08/04/2018

Marci Hawkins
Notary Public in and for the State of Alaska.

My commission expires: 08/04/2018

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(Additional Space as Needed):