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:	Karma Grown Gardens, LLC	**License Number:**	14885		
License Type:	Limited Cultivation Facility				
Doing Business As:	Karma Grown Gardens, LLC				
Premises Address:	11928 Looking Glass Drive				
City:	Houston	**State:**	AK	**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:

Flowering Rooms: 95.3'SF X 4'=381.2' SF of Flowering Space.

(This includes 4 rows of flowering plants each row equals 95.3 SF, which I multiplied times 4 (rows) which equals 381.2 SF of total flowering space)

Vegetation Space: 4' X 24' + 4'x4' cloning table = 112 SF of Vegetation Space

(I added the square footage of the vegetation area and the square footage of the cloning table to get a total of 112 SF of vegetation area.)

381.2 SF (flowering space) + 112 SF (vegetation space)= 493.2 SF of total cultivation space

This total equals to the same totals on the MJ-04 Diagram

Floor plan is documented on attachment labeled diagram 2, facility plan and measurements

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

Water
Clay pellets
Growstones
Rockwool
Soil
Coconut husk fiber (coir)
Peat-moss
Sphagnum moss

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

Fertilizer Contents-Varied Amounts of the following:
Nitrogen Phosphorous
Potassium Calcium
Magnesium Boron
Iron Manganese
Sulfur Copper
Zinc Molybdenum
Aluminum Calcium Nitrate
Silicate H202 and UC Roots (Hypochlorus Acid) Sulfuric Acid (pH Down), Nitric Acid (pH Down), Pekacid (pH Down),. Phosphoric Acid (pH Up), Citric Acid (pH Down), Potassium Hydroxide (pH Up), Calcium Carbonate (pH Up), Calcium Bicarbonate (pH Up).

There will be no Carbon Dioxide delivery systems used.
Nutrient Lines will consist of Hydrodynamic, Hydroponic Research, Current Culture H20, Botanica Care, Emerald Harvest and Canna

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

Nutrient reservoirs will provide irrigation to plants in each stage of development. A pump within the reservoir provides water and nutrients to the plants. Excess water/nutrients drain out of the plant and back into the reservoir. As water/nutrients are used by the plants, a float valve will apply pure water to the reservoir to ensure over fertilization will not occur. What little waste water is not consumed by plants will be disposed of in a residential drain system or delivered to an outside garden during the summer months. During the last 10 days of flowering there will be no added nutrients to the reservoir and only pure water will be added which will flush the plants and hydroponic system of nutrients, prior to draining the system.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Due to the efficiency and low number of plants used in Karma Grown Gardens growing methodology marijuana waste including plant waste, roots, stalks, leaves, and stems will be made unusable by grinding the marijuana plant waste and mixing it with at least an equal amount of other compostable or non-compostable materials. Prior to being made unusable, marijuana waste will be kept on site for at least three days after notifying AMCO. Marijuana waste made unusable will be disposed of at a municipal or borough landfill.

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:

Commercial grade carbon filters will be mounted on each of the exhaust fans. A negative pressure inside the building should ensure the only air leaving the building goes through these filters. Filters will be changed at regular intervals to ensure odors will be kept at an acceptable level.

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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:

Karma Grown Gardens will ensure that an owner or employee will collect a random, homogeneous 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. The individual who collected the sample will be designated as the individual responsible for preparing a signed statement showing that the sample has been randomly selected for testing, providing the signed statement to the marijuana testing facility and maintaining a copy as a business record under 3 AAC 306. 755. The designated owner will transport the sample to the marijuana testing facility in compliance with 3 AAC 306.750 and record the transaction in METRC. The entire batch from which the testing sample was selected will be segregated until the marijuana testing facility reports the results from its tests. During this period of segregation, the batch will be maintained in a secure, cool, and dry location to prevent the marijuana from becoming contaminated or losing its efficacy. The segregated marijuana will not be sold or transported until the marijuana testing facility has completed its testing and provided those results. The testing results will be maintained as a business record.

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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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License #14885

3.5 Grams
Exmple Sativa
Batch #120001
Total THC: 28%
Tested By: Example Labs

Grown using: Ammonium Molybdate, Ammonium Nitrate, Ammonium Phosphate, Calcium Nitrate, Citric Acid, Cobalt Nitrate, Copper EDTA, Iron DTPA, Iron EDDH, Iron EDTA, Magnesium Phosphate, Magnisium Sulfate, Maganeese EDTA, Monopotassium Phosphate, Phosphoric Acid, Potassium Nitrate, Potassium Sulfate, Zinc EDTA

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordintation and jundgement. 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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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 has no windows. It is located on private property. The facility surveillance and security systems will notify facility owners and employees of unwanted intrusion. The facility is located in the center of a wooded 1.75 acre lot surrounded by forest, the only driveway to the facility is the one shared by the home we live in.

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

Thomas Holohan

Printed name

Subscribed and sworn to before me this 12 day of October, 2017.

OFFICIAL SEAL
Tawnya M. McCracken
Notary Public-State of Alaska
My Comm. Expires 11/15/2020

Tawnya M McCracken

Notary Public in and for the State of Alaska.

My commission expires: 11-15-2020

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(Additional Space as Needed):

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