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

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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:	Greenstar inc.	**License Number:**	12472		
License Type:	Standard Cultivators License				
Doing Business As:	Greenstar inc.				
Premises Address:	54443 Kenai Spur Hwy				
City:	Nikiski	**State:**	ALASKA	**ZIP:**	99635

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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	☒	☐

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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 AREAS to be UNDER cultivation include:
A) ONE ROOM for propagation AND vegetative cycle
MEASURING 14'x20' (280 ☐)
B) TWO Rooms for flowering Cycle
MEASURING 20'x30' EACH (600 ☐ EACH, 1200 ☐ total)

Total AREA UNDER cultivation is to be 1,480 ☐.

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

Mother plants are to be in a soil/soilless mix consisting of: Peat, Perlite, Compost, Kelp meal, and mineral additives (i.e.- Rock phosphate, lime, Epsom salts)

Vegetative and flowering plants are propagated in 2" Rockwool cubes, there is no additional media through harvest. The 2" cubes are covered with expanded clay pellets (reusable) to block light.

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

Fertilizers are to consist of Advanced Nutrients Sensi Grow and Bloom lines, with associated additives, as well as the use of H_2O_2 as a cleaning/sterilizing agent.

CO_2 enrichment, if used will be provided via ~~natural gas fired CO_2 generators~~ Tanks & Regulators, with redundant ppm monitors/controllers to ensure personnel/environmental safety. All product MSDS info is retained/included

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

Irrigation is consisting of hand watering for mothers, seedlings, and cuttings with a nutrified solution, while vegetative and flowering plants are irrigated at timed intervals via sprayers fed by a pump from a reservoir of nutrified solution. Runoff from irrigation drains back to reservoir. All reservoirs are changed weekly, and upon change out, used solution is filtered via reverse osmosis, and can, at this point be recycled or disposed of as clean water (ppm<50) Aeroponics utilizes lowest nutrient content of solution.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Solid waste, (ie-packaging, garbage, etc.) is to be discarded via on site dumpster for typical pickup/disposal.
Plant waste is to be ground with additives and composted on site to be reused as previously stated
Reservoir/nutrient solution waste is to be filtered via reverse osmosis, and is at that point able to be reused or disposed of as clean ~~water~~ water with a ppm <50.

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:

Odor Control is to be accomplished in 4 steps:
1) Sealed, climate controlled atmospheres for individual rooms under cultivation, require far less air exchange.
2) Redundant carbon filtration, both static within the facility, and again (x2) upon exhaust to exterior
3) inline UV treatment of exhaust air, to an O_3 enriched mixing chamber, prior to ~~tertiary~~ secondary carbon filtration at final exhaust to Ext.
4) All personnel are required to don disposable coveralls, gloves, hair covers, etc. these are to be disposed of daily, without leaving the facility, minimizing the odor profile of employees and outside articles.

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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 water used within the facility is to be filtered via reverse osmosis both prior to, and in the case of waste solution, after use for cultivation within the facility. Testing of both incoming and waste water is to be conducted daily, at a minimum, with properly calibrated instruments for ppm/EC and PH.

All samples, as requested/required are to be collected by supervisory personnel, placed in an appropriately labeled, dated, initialed, tamper evident package or container, and delivered as specified.

In the case of product testing, the samples are to be collected randomly within a harvest batch, with the batch being segregated pending receipt of analysis results and legal labeling and sale. this applies to every harvest batch, storage of each harvest batch shall ensure quality until sold or destroyed

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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 facility itself is not in view of the public, and is windowless, with no areas for storage, cultivation, drying, or processing visible or accessible without passing through multiple secure doors.

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.

Jason M Bott
Signature of licensee

JASON M BOTT
Printed name

Subscribed and sworn to before me this 16th day of May, 2017.

REBECCA LATONA
My Commission Expires
NOTARY PUBLIC
May 19, 2019
STATE OF ALASKA

Rebecca Latona
Notary Public in and for the State of Alaska.

My commission expires: 05/19/2019