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 **Form MJ-01: Marijuana Establishment Operating Plan**, 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 the statutes and 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
- Waste disposal
- Odor control
- Testing procedure and protocols
- Packaging and labeling

This form must be completed and submitted to AMCO's main office before any new or transfer application for a standard marijuana cultivation facility or limited marijuana cultivation facility license will be considered complete.

Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	Snow Lotus Gardens, LLC	**MJ License #:**	20642		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Snow Lotus Gardens, LLC				
Premises Address:	2301 South Knik-Goose Bay Road #4B				
City:	Wasilla	**State:**	Alaska	**ZIP:**	99654

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Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the flow of marijuana from seed or clone to harvest and transfer from your premises:

Seeds and clones will be started in Root Riot Cubes and or Coco Coir
Once roots are established, plants will be transplanted into 4 inch pots until root bound.
Plants will be transplanted into 1 gallon pots to continue vegetative growth until root bound.
Plants will be transplanted into 5 gallon pots to continue vegetative growth, approximately 3-4 weeks
Plants will then be moved into the flower room to start the transition to flower
Plants will be flowering between 50-90 days depending on the strain.
Plants will then hang dry for 7-12 days.
Final product will be trimmed and cured for approximately 10-14 days.
Each batch/strain will be tested before being sold to licensed retail locations.
Product will be bagged and placed into a secure container appropriate for transport directly to the designated and licensed retail location.

Section 3 – Prohibitions

Review the requirements under 3 AAC 306.405 and 3 AAC 306.410.

3.1. I certify that the marijuana cultivation facility will not: Initials

a. **sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation;** HRC

b. **allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on the licensed premises or within 20 feet of the exterior of any building or outdoor cultivation facility; or** HRC

c. **treat or otherwise adulterate marijuana with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana.** HRC

Section 4 – Cultivation Plan

Review the requirements under 3 AAC 306.420 and 3 AAC 306.430.

4.1. 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:

Facility consists of two cultivation rooms.
Clone/Vegetative room= 226.87 square feet and will consist of:
4x 4x8 Veg tables= 128 square feet
1x 4x4 Veg tables= 16 square feet
4x 2x8 Veg Tables= 64 square feet
Total grow canopy space in Veg room = 208 square feet

Flower room= 230.61 square feet and will consist of:
6x 4x8 Flower tables= 192 square feet
Total grow canopy space in Flower Room = 192 square feet

Total canopy space=400 square feet

There will be no way for the cultivation space to exceed the limit of 500 square feet as both rooms together equal 457.48 sq feet.

Alaska Marijuana Control Board

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.2. The proposed area(s) for cultivation are clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application. HRL

Answer "Yes" or "No" to the following question: Yes No

4.3. Will the marijuana cultivation facility include outdoor production? ☐ ☑

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground and how it is fully-enclosed by a physical barrier:

4.4. Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility, whether indoors or outdoors, cannot be observed by the public from outside the facility:

All areas where any marijuana will be within Snow Lotus Gardens limited marijuana cultivation facility will be behind restricted access doors, there will be no windows or any other way for the public or anyone outside the facility to see any marijuana or marijuana product within premises.

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

Snow Lotus Gardens will utilize a growing medium that consists of 2 parts coco coir and 1 part perlite.
All seedlings and cuttings will be started in various types of starter cubes such as: Root Riot by Clonex, Rapid Rooter, Grodan Mini Blocks, and Oasis Rootcubes, depending on type of seed or cutting.

4.6. Provide the complete product name and EPA registration # (if applicable) for each of the cultivation facility's pesticide and pest control product to be used. All proposed products must be on DEC's list of approved pesticides in the state of Alaska:

Bonide Neem oil concentrate
EPA registration # 70051-2-4

4.7. Describe all other fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used at the marijuana cultivation facility:

Snow Lotus Gardens will be using several nutrients including but not limited to; Jungle Juice Grow, Jungle Juice Nutes, Jungle Juice Flower, Big Bud Nutes and Calmag. Also General Hydroponics Flower, General Hydroponics Bloom, Bloom Booster.
General Hydroponics PH up and down
All water and nutrients will be mixed in water reservoirs and will be fed and watered by hand.
CO2 levels will be managed on an as needed basis, if supplementation is required, we will incorporate Exhale CO2 bags.

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

The facilities irrigation will be hand watering.
If waste water occurs from using coco grow medium, any waste water that has not evaporated, will be put into holding tanks and after the 3 day notification period will be transported to a properly licensed facility for disposal.

Section 5 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

5.1. The marijuana cultivation facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it. HRL

5.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including wastewater generated during marijuana cultivation, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown:

Marijuana plant waste including roots, stalks, leaves, stems , and any other waste determined by the Marijuana Control Board will be rendered unusable for any purpose for which it was grown or produced before it leaves Snow Lotus Gardens, LLC premises by grinding the marijuana plant waste and mixing it with at least an equal amount of used growing medium that consists of coco coir, perlite, and plant starter cubes.
The business will store all solid marijuana waste in the facility in locked trash cans. AMCO will be notified at least three days prior to mixing for disposal.

If waste water occurs from using coco grow medium, any waste water that hasn't evaporated will be put into holding tanks, and after the three day notification perior will be transferred to a properly licensed facility for disposal.

Section 6 – Odor Control

Review the requirements under 3 AAC 306.430.

Answer "Yes" or "No" to the following question:	Yes	No
6.1. Have you received an exemption from your local government for the odor control requirement set forth in 3 AAC 306.430(c)(2)?	☐	☑

If "Yes", you must be able to certify the statement below. Read the following and then sign your initials in the box:	Initials
I am attaching to this form documentation of my odor control exemption from the local government.	

If "No" to question 6.1., 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:

Snow Lotus Gardens will utilize a series of in line fans, ducting, scrubbers, carbon filters, dehumidifiers (if necessary) and AC to help clean and circulate air inside the cultivation area to reduce and minimize odor emitted by marijuana and marijuana plants.
All filters will be replaced in accordance to the manufacturers guidelines.

Section 7 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465.

You must be able to certify each statement below. Read the following and then sign your initials in the corresponding box:	Initials
7.1. I understand and agree that the board or director will, 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.	HRL
7.2. I will ensure that any individual responsible for collecting random, homogenous samples for required laboratory testing under 3 AAC 306.455 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755.	HRL

7.3. Describe the testing procedures and protocols the marijuana cultivation facility will follow:

Snow Lotus Gardens will collect a random, homogenous 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 collecting these random samples will prepare a signed statement showing that each sample was selected at random. Snow Lotus Gardens will segregate the entire batch from which the testing sample was selected until the testing facility reports the results from it ′ s tests.
During this period of segregation, Snow Lotus Gardens will maintain the batch in a secure, cool, and dry location to prevent the marijuana from becoming contaminated or losing it ′ s efficiency.
Snow Lotus Gardens will not sell or transport any marijuana from the segregated batch until the marijuana testing facility has completed its testing.
Snow Lotus Gardens will maintain the testing results as part of its business books and records.
Snow Lotus Gardens will provide, at the request of AMCO, samples of growing medium, soil amendments, fertilizers, crop production aids, pesticides, or water for random compliance checks. Any samples gathered will be collected at random in compliance with 3AAC 306.465 and a signed statement will be provided to the testing facility.

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

Section 8 – Packaging and Labeling

Review the requirements under 3 AAC 306.470 and 3 AAC 306.475.

Answer "Yes" or "No" to the following question:	Yes	No
8.1. Will the marijuana cultivation facility be packaging marijuana for a retail marijuana store to sell to a consumer without repackaging?	☐	☑

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

Answer "Yes" or "No" to the following question:	Yes	No
8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages?	☑	☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

Product will be placed into wholesale packages for repackaging by the retail marijuana store, and/or when being transferred to a marijuana manufacturing facility. Wholesale packaging will be sealed, secured, in a tamper proof (tamper-evident) shipping container and it's contents properly labeled in accordance with 3 AAC 306.470 and 3 AAC 306.475. Labeling will include the company name; Snow Lotus Gardens, LLC, the date the product was packaged, the name of the strain(s), as well as proof that a licensed marijuana testing facility has tested each harvest batch in the shipment. Label will also include the results of cannabinoid potency profile, microbial testing, residual solvent testing, a list of any contaminant testing including mold, mildew, and filth; herbicides, pesticides, fungicides, and harmful chemicals as prescribed in 3 AAC 306.475

See attached for sample label

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 AS 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 unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

Holly Rudder-Larson

Signature of licensee

Holly Rudder-Larson

Printed name of licensee

Notary Public
RACHELLE EDIN
State of Alaska
My Commission Expires March 27, 2019

Notary Public in and for the State of Alaska

My commission expires: 3/27/19

Subscribed and sworn to before me this 13 day of March, 2019.

License# 20642

Product Packaging Sample Label

Snow Lotus

Gardens, LLC

Cultivator: Snow Lotus Gardens, LLC

License# 20642

Strain: Snow Lotus

Testing Facility:

Testing Date:

Harvest Batch: HB-SnowLotus012345

Net Weight: 0.0 lbs/grams

METRC # XXXXXXXXXXXXXXXXXXXX

Retailer: Green Shop

License# 12345

Total Cannabinoid: 0.00%

Total THC	XXXX%	Total CBD	XXXX%
THC-A	XXXX%	CBD	XXXX%
THC	XXXX%	CBDA	XXXX%

Total Terps: 0.00

Pesticides, Fungicides, Herbicides:

Fertilizers:

Soil Amendments:

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgement. 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.

Produced by: Snow Lotus Gardens, LLC

Attached for MJ-04 Section 3.2

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(Additional Space as Needed):