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:** | Lady Gray, LLC | **MJ License #:** | 12255 | | |
| **License Type:** | Standard Marijuana Cultivation Facility | | | | |
| **Doing Business As:** | Lady Gray Growing | | | | |
| **Premises Address:** | 36322 Pine Street, Suite 1a | | | | |
| **City:** | Soldotna | **State:** | Alaska | **ZIP:** | 99669 |



Received by AMCO 4/20/2022

# 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:**

Lady Gray Growing's marijuana will be tracked from seed or clone to sale or destruction in Metrc. All plants that reach eight inches (8") will be tagged and assigned a tracking number. Marijuana will be harvested and grouped into batches, in accordance with current testing regulations. All testing batches will be of one single strain and will be assigned a Metrc harvest batch number. A harvest batch representative will be collected from each harvest batch and sent to a licensed testing facility. The remainder of the batch will be segregated until testing results are received in the secured quarantine area. A transport manifest generated from Metrc will be sent with each transfer of marijuana to another licensed facility. marijuana will be sealed in not more than ten (10) pound containers inside a locked storage bin within the vehicle for wholesale transactions and up to one (1) ounce containers for re-slae by retailers without re-packaging. Package labels will include: the name and license number of Lady Gray Growing; the date the marijuana was harvested; the harvest batch number assigned to the marijuana; the date the marijuana was packaged; the net weight and quantity of usable marijuana packaged in a standard of measure compatible with the inventory tracking system; a complete list of all pesticides, fungicides, and herbicides (if any) used in the cultivation of the marijuana. All transfers of marijuana to licensed facilities will be done in compliance with state and local regulations.

## 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;**

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**

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.**

## 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:**

Lady Gray Growing will be housed in a 60' x 40' building consisting of:

Flower room - 28'2" x 40' (less 40 sqft) = 1,088 square feet
Veg room - 12' x 40' = 480 square feet

Total area under cultivation: 1,568 square feet.



Received by AMCO 4/20/2022

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.**

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:**

Our facility is located on a private 3 acre parcel, not visible from any main road. We will ensure that no marijuana will be visible to the public from outside the facility, or during transport. All growing, processing, curing, packaging and labeling activities will occur inside the facility. All marijuana will be organized, securely packaged, labeled and obscured before being moved to the transport vehicle.

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

Our facility will be growing in living organic soil. Our base mix will include; coco coir, peat moss and perlite.

**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:**

We may use: Spinsosad, Neem oil, Rosemary oil, Peppermint oil, Sesame Oil, Lavender Oil, and other products from the Organic Materials Review Institute approved list will be used if needed.
Lady Gray Growing does not intend to use any other pesiticides in the cultivation of marijuana however, they reserve the right to utilize any of the pesticides approved for use on cannabis on DEC's website at any given time.

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

The following ingredients will be used as amendments as needed: Magnesium Sulfate, Hydrolyzed Fish, Phosphoric Acid, Seaweed, Potassium Hydroxide, Microbe Catalyst, Calcium Carbonate, Magnesium Nitrate, PK Boost, Enzyme Powder, Soluble Potash, Indole3 Butryric Acid, Polyglyceryl Oleate, Lauric acid, Sodium Bisulfate, Nitrogen, Phospate, Potash, Calcium, Magnesium, Sulfur, Copper, Zinc, Manganese, Iron, Boron, Razor Clam Viscera, Bone Meal, Wood Ash, Beta- Glucanase, Cellulase, Xylanase, Dolomite Lime, Calcium Oxide, Magnesium Oxide, Calcium Carbonate, Rock Phosphate, Crab Meal, Vermiculite, Nitric acid, Citric Acid, Fish Bone Meal, Glacial Rock Dust, Molasses, Malted Barley Powder, Continued on Page 7...



Received by AMCO 4/20/2022

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

We will water with a simple drip system from reservoirs at room temperature. We will also hand water as needed with hoses or jugs.

A three stage water filtration system (prefilter, iron reduction, carbon blocking) will be installed as deemed necessary.

Waste water will be collected in run off and left to evaporate.

## 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.**

**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:**

Most marijuana plant waste will be ground, mixed with compostable materials and recycled back into the soil as an amendment or composted on the facilities compost pile. Any marijuana plant waste that does not get composted will be ground adn then mixed with equal parts dirt or other compostable or non-compostable solid wastes and put into black trash bags and into our dumpster on site. The waste will be picked up and delivered to the Soldotna solid waste facility. The licensee or designated employee will check that all marijuana plant waste is ground and mixed with a final composition of not more than 50% marijuana before it is composted or disposed of.
AMCO enforcement will be notified via email, on a form prescribed by the board, no later than 3 days prior to rendering marijuana plant waste unusable and disposing of it.
Waste water will be collected in run off and left to evaporate.



Received by AMCO 4/20/2022

# Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

## 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:**

Our facility is located on a private 3 acre parcel of land, not visible from any main road.
Due to the nature and size of our facility, we do not anticipate problems with odor.
As needed, we will use carbon filters with fans to dissipate any odor detectable out of our 3 acre property.
Oscullating fans will be used througout for airflow.
We will use humidifiers and dehimidifiers as needed to maintain optimum environments.

## 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.** | JH |
| **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.** | JH |

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

We will provide the approved and licensed testing facility a harvest batch representative for each harvest batch of usable marijuana.
Testing must include moisture content, potency analysis, foreign matter inspection and microbiological screening, and may include pesticides, other chemical residue, metals screenings, and residual solvents levels.
Samples will either be packaged and transported according to regulation by an employee or owner of Lady Gray, LLC or an arrangement with a regulation following third party.
Strain, quantity, employee, company, time, and date will be logged itno our Metrc system.
Marijuana or marijuana product may not be sold or transferred until the completion of all required laboratory testing has been completed.
Usable marijuana product that passes all required testing will be packaged and transported according to regulation for sale to our sister business (Lady Gray Gourmet Medibles, License #12254) and other licensed marijuana facilities as negotiations are made.
If a lot of marijuana flowers fails laboratory testing any trim, leaves, or other usable materials from the same batch automatically fails. If the MCB approves it, it can be sold or transferred to another licensed facility. If no approval is given, it will be disposed of by either using it as a soil amendment or adding it to the compost pile.



Received by AMCO 4/20/2022

Alaska Marijuana Control Board

# 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:**

All marijuana packaged for sale to a marijuana retail store (that does not require further handling by the retail store) will meet all regulation packaging requirements. In order to do so, the facility will ensure that no direct-to-consumer sale package exceeds more than one (1) ounce of marijuana and the packages will have space for the marijauna retail store to put its name, logo and license number. If the direct-to-consumer sale packages are not in opaque and child-resistant containers, the retail facility will be warned that they must ensure that all marijuana products are in opaque and child restistant packaging before leaving the retail store. Any packaging at the facility will be done in an area specifically set aside for packaging & monitored with 24 hour video surveillance. Packaging will be uniform with labels secure and prominently displayed. The facility will use certified scales, in compliance with the Alaska Weights and Measures Act, and will maintain registration and inspection reports at the facility. Packaged marijuana will be placed in sanitized, air-tight containers, labeled with all compliant labeling information, and given a bar code ...Continued on Page 7

| 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:**

Wholesale marijuana will be sold to other licensed facilities in packages of up to ten pounds (10 lbs) with all strain name (s) identified on the label. Plastic packaging will be heat sealed without an easy-open tab, dimple, corner, or flap. Packaged marijuana will be stored in a secured area until ready for transport. All packaging will be inspected, accepted or rejected, and recorded in the log, and a licensee or deisgnated employee will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances. Wholesale labels will contain: the date of final testing; the cannabinoid potency profile (expressed as a range of percentages that extends fro the lowest percentage to the highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from Lady Gray Growing within the last three months); a statement listing the results of microbial testing; a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, harmful chemicals, herbicides, pesticides and fungicides. A Metrc generated.. Continued on Page 7...

**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.

Signature of licensee

Jamie Tasha Grossl

Printed name of licensee

OFFICIAL SEAL
ALISA KALA-DE LA CRUZ
NOTARY PUBLIC-STATE OF ALASKA
My Comm Expires October 31, 2022

Notary Public in and for the State of Alaska

My commission expires: 10/31/2020

Subscribed and sworn to before me this 11 day of January, 2022



Received by AMCO 4/20/2022

# Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

**(Additional Space as Needed):**

4.7 Continued: Aloe, Birch Water, Potassium silicate, Silicon Dioxide, Silicic Acid, MKP, Calcium Nitrate, Magnesium Carbonate, Bat Guano, Greensand, Sea Kelp, Volcanic Ash, Seabird Guano, Blood Meal, Humic Acid, Naphthaleneacetic Acid, Phosphorous Acid, Kelp, Vitamin B1, Polyacrylamide, Sphagnum Peat Moss, Peat Moss, Fish Emulsion, Shrimp Meal, Earthworm Castings, Sandy Loam, Perlite, Granite Dust, Oyster Shell, Coco, Mycorrhizae, Kelp Meal, Alfalfa Meal, Azomite, Fulvic Acid, Citric Acid, Sulfuric Acid, Homemade compost, Coconut Husk, Rock Phosphate, Diatomaceous Earth, Rock Wool, Hydrogen Peroxide, Humus, Wood Chip Compost, BioChar, Trace Ocean Minerals, AGmino, Nutritional Yeast Powder, Evaporated Cane Juice Crystals, Soybean Meal, and Langbeinite.
Mushrooms will be our source of CO2 management as deemed needed.
Foliar sprays with organic oils will be used as needed. Bacillus thuringiensis subspecies israelensis (Mosquito Bits or similar products) and Organicide (Sesame Oil, Lecithin, Edible Fish Oil, Potassium Sorbate) along with Pyrethrins and Mighty Wash will also be used for pests as needed.
Predatory insects will be used on as needed basis. Earthworms to enrich our soil will be used as needed.
Diligent cleanliness and maintenance will be used as a proactive measure.

8.1 Continued: for the inventory tracking system. Plastic packaging will be heat-sealed without an easy-open tab, dimple, corner, or flap. Packaged marijuana will be stored in a secured area until ready for transport. All packaging will be insepcted, accepted or rejected, and recorded in the log, and the Licensee or designated employee will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances. Labels will include: Lady Gray Growing name and license number; a space for the retail logo/name/license number; the five required warnings found in 3 AAC 306.475(a)(1-5); the harvest date; the date of packaging; the harvest batch number; the net weight and the quantity of usable marijuana packaged (in a standard of measure compatible with the inventory tracking stystem); a complete list of all (if any) pesticides, fungicides, and herbicides used in the cultivation of the marijuana.

8.2 Continued: tracking label will be affixed to each package. The shipping container will have a label stating that a licensed testing facility has tested each batch in the shipment, and lists; the date of final testing; the cannabinoid potency profile (expressed as a range of percentages that extends from the lowest percentage to the highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from Lady Gray Growing within the last three months); a statement listing the results of microbial testing; a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, harmful chemicals, herbicides, pesticides and fungicides.



Received by AMCO 4/20/2022

**(Additional Space as Needed):**

Lady Gray Growing, License 12255
HB#: SkywalkerOG03/21/22
Strain: Skywalker OG

Metrc: 36B8750000361422
Testing Lab: JIPPA Lic: 18892
Testing Date: 04/15/22
Fungicides: None Herbicides: None
Pesticides: None
Cannabinoid Profile:
Total THC: XX% Total CBD: XX%
THC: XX% CBD: XX% THC-A: XX%
CBD-A: XX% CBN: XX%

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 heath 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.

Window to View Product

Placeholder for Retailer Labels

Net Wt. 3.5g (.124oz)

Retailer: DAT GREEN Lic: 14423
Cultivator: Lady Gray Growing Lic: 12255
HB#: SkywalkerOG03/21/22
Strain: Skywalker OG
Net MJ Weight: XXoz (XXg)
Metrc: 36B8750000361422
Testing Lab: JIPPA Lic: 18892
Testing Date: 04/15/22
Fungicides: None Herbicides: None
Pesticides: None

Cannabinoid Profile:
Total THC: XX% Total CBD: XX%
THC: XX% CBD: XX% THC-A: XX%
CBD-A: XX% CBN: XX%

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 heath 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.