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:	Lady Gray, LLC	**License Number:**	12255		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Lady Gray Growing				
Premises Address:	36322 Pine Street Suite 1A				
City:	Soldotna	**State:**	ALASKA	**ZIP:**	99669

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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:

Total Canopy Space of 488 square feet spread across 3 areas to include Clone/Mothers/Veg and 2 Flower rooms.

CLONES/NURSERY and MOTHER ROW
Located above the garage area, access located off the flower room, up the stairs
132 Square Feet Canopy Space
7-12 Lights covering two designated spaces of 4'x13' (for Mothers) and 4'x20' (for clones/vegging)

FLOWERING ROOM 1
Located in the front of the facility
180 Square Feet Canopy Space
9-15 Lights covering three designated spaces of 4'x15'

FLOWERING ROOM 2
Located in the center of the facility
176 Square Feet Canopy Space
9-15 Lights covering three designated spaces of 4'x12', 4'x16', and 4'x16'

The Size and Space Intended for Drying/Curing/Trimming/Quarantine/Office/Storage:

DRYING/CURING ROOM
Located in the center of the facility
84 Square Feet drying space with shelves for curing and hanging space for drying

SOILS/POTTING AREA
Located in the center of the facility
90 Square Feet with Utility sink included

TRIMMING AREA
Located in the center of the facility
140 Square feet

STORAGE/QUARATINE
Storage spaces are located in three areas of the facility:
1. Off the vegging/mother room in a long hallway (58 square feet)
2. Under the stairs outside the flower room (25 square feet)
3. The backside of the office upstairs (222 square feet) which will be used for storing packaged product awaiting testing results

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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.

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

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, 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 CO_2 management as deemed needed.
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.
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.

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.

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Describe the marijuana cultivation facility's waste disposal arrangements:

All leaves, trimmings and shake will either
1. Be sold to our sister business (Lady Gray Gourmet Medibles, LIC #12254) for infusion into oils/butter for creating edibles and/or concentrates to stand alone
2. Be sold wholesale to another concentrate or product manufacturing facility

Leaves and leftovers not fit for concentrate or infusions will be recycled back into the soil as an amendment. Anything above that will be mixed equal parts with dirt and put into black trashbags then deposited into our dumpster on site.
All waste will be ground before mixing with non-marijuana waste.
Stems will be either sold to Lady Gray Gourmet Medibles or disposed of by local hazardous materials facility (Soldotna 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:

Our facility is located on a private 3 acre parcel, 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.

Oscillating fans will be used throughout for airflow.

We will use humidifiers and dehumidifiers as needed to maintain optimum environments.

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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:

We will provide the approved and licensed testing facility up to seven grams per each five pound lot 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 such as Valkyrie Security.

Strain, quantity, employee, company, time, and date will be logged into our METRC system.

Marijuana or marijuana product may not be sold or transferred until the completion of all required laboratory testing has been completed.

Useable 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, LIC #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.

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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:

Our facility is located on a private 3 acre parcel, not visible from any main road. No trespassing signs and restricted area signage will be posted.

As seen in the diagram, there are minimal windows in the building to begin with. These windows will have complete privacy tint excluding the window 15' high that only goes into the office.

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

Jamie Tasha Grossl

Printed name

Subscribed and sworn to before me this 13 day of April, 2017

OFFICIAL SEAL
MOLLY GREEN
NOTARY PUBLIC-STATE OF ALASKA
My Comm. Expires 9/29/2020

Notary Public in and for the State of Alaska.

My commission expires: 9-29-2020

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(Additional Space as Needed):