Alcohol and Marijuana Control Office
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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:	FONTAINE BROOKS & BROWN INC	**MJ License #:**	30219		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	KGB Cultivation				
Premises Address:	8933 S Polaris Ln				
City:	Wasilla	**State:**	Alaska	**ZIP:**	99623

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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:

Seed will be stored in a safe in the secure room. All clones and immature plants will be kept in the veg room. Plants be transferred to the flower room upon reaching maturity in the veg room.

After an average of 8 weeks in the flower room, plants will be cut and weighed. The weight will be recorded.

Next, the marijuana will be trimmed, dried, and cured in the curing room.

Once cured, samples will be sent out for testing. Upon receiving test results, marijuana will be weighed for final, dry weight.

Marijuana will then be packaged and labled. Packages will be weighed individually and logged into METRC for transfer.

Once transfer is approved through METRC, marijuana will be locked in a secure safe and transported to a designated facility, under transport guidelines/board 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;** LB

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** LB

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.** LB

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:

The spaces in the marijuana cultivation facility that will be under cultivation are the flower room and the veg room.

The veg room interior is 12.5 feet by 16 feet, for an overall square footage of 200 sq ft. The veg room will have seven 4'x4' trays for plants and two 1'x2' trays for clones/seedlings.

The flower room interior is 55 feet by 18 feet, for an overall square footage of 990 sq ft. The flower room will have eighteen 10' x 2' trays to hold plants.

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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. [Initials]

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:

n/a

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:

The marijuana cultivation facility has no signage identifying it. It is located behind a residence on a gated, private property. The facility has no windows, so no one can see inside the building. To the outside observer, the facility could be any type of mechanic shop, storage facility, or other miscellaneous plain-looking building belonging to a resident of the community.

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

The marijuana cultivation facility will use hydroponic growing mediums, including coconut fiber, clay pellets, perlite, and vermiculite.

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:

Please see page 7 of this document for the list of product name and and EPA registration numbers of each of the cultivation facility's pesticide and pest control products to be used. All proposed products are on the List of Pesticides that Meet Alaska Criteria for Use on Marijuana updated as of June 2021.

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

Carbon dioxide management via Trolmaster Co2 management system in both flower and veg rooms. Carbon dioxide will be delivered via Titan Ng Co2 generator in both flower and veg rooms. Carbon dioxide alarms in flower and veg rooms as well as visual indicators in office for safe levels of carbon dioxide in working areas. Emergency carbon dioxide evacuation system in both veg and flower rooms controlled by Trolmaster Co2 management system.
Fertilizers to be used include the following items from the General Hydroponics lineup: Flora Gro, Flora Micro, Flora Bloom, Floralicious Plus, Rapid Start, Calimagic, Kool Bloom, liquid Kool Bloom, Diamond Nectar, Armor SI, Flora Blend, Flora Nectar, Ripen, Floralicious, Bio Root. Other fertilizers include: Terpinator, Superthrive, and Azos and Mykos by Extreme Gardening. See page 7 for continued information on other chemicals to be used in the facility.

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

There is a well and septic system installed on the property. Irrigation will be done by hand watering. Run-off will be monitored in drip trays. Waste water will be flushed into the septic system.

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:

Wastewater will go to drain in our septic system.

Solid marijuana wast will be weighed and bagged, and stored in a trash can inside the facility until approved for destruction.

It will then go through a chipper/shredder and be mixed with used hydroponic substrate in preparation for composting.

All compost material will be stored in a fenced area on the west side of the building and reused in outdoor gardening once the material has composted.

The cultivation facility is not expected to produce liquid marijuana waste.

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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:

The building is located over 200 feet from the road. The filtration system is made up of two 10 inch powered air filters, each running 1201 CFM. The filters will be in operation 24 hrs per day, 7 days per week, internally filtering the flower room. The intake and exhaust all have carbon filters to trap smell and the curing room is a sealed environment.
All areas of the facility which are under cultivation have intake and exhaust ventilation, all containing carbon filtration.

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.	
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.	

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

The marijuana cultivation facility will provide samples to a licensed marijuana testing facility for testing. The cultivation facility will not sell or transport any marijuana until all lab testing required uner 3 AAC 306.645 has been completed.
The cultivation facility will collect a representative sample from each harvest batch package that has been uniformly dried and cured in an amount set out per 3 AAC 306.445. The cultivation facility will prepare a statement signed by a designated individual responsible for collecting each sample. The statement will be provided to the testing facility and a copy maintained with the business records of the cultivation facility.
The harvest batch from which the testing sample was selected will be segregated in a secure, cool, dry location until lab results are received and the marijuana has been determined safe for consumption. The marijuana cultivation facility may transfer untested marijuana to a licensed marijuana concentrate or manufacturing facility for production of carbon dioxide or solvent based extract, after which the extract must be tested by a licensed marijuana testing facility, and test results maintained with the marijuana cultivation facility business records.
Any free samples of marijuana given to a retail store, manufacturing facility, or employees of the cultivation facility must follow regulation as written in 3 AAC 306.460, including having been tested by a licensed marijuana testing facility.
The marijuana cultivation facility will comply with 3 AAC 306.465 regarding provision of samples of growing medium, soil amendments, fertilizers, crop production aids, pesticides, or water for random compliance checks.

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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:

n/a

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:

The marijuana cultivation facility will package marijuana for sale to a retail marijuana store in a wholesale package not exceeding 10 lbs, or to a marijuana product manufacturing facility in a wholesale package not ecxeeding 10 lbs and consisting of a single strain or mix of strains as identfied on the label. Packages will be identified by a METRC tracking label. Prior ot transporting marijuana from the cultivation facility to another marijuana establishment, packaged and labeled marijuana will be placed in a sealed, tamper evident container with a label in compliance with 3 AAC 306.475 affixed to the container. A transport manifest will be generated from METRC and will remain wiht the marijuana at all times during transport. With each harvest batch of marijuana sold, the cultivation facility will provide written disclosure of all soil amendments, fertilizers, and crop production aids used in the production of the marijuana crop, including any pesticide, herbicide, or fungicide, and the name of the testing facility that performed the testing, and the results of each required laboratory test.
See page 7 for sample label that the cultivation facility will use to meet the labeling requirements of 3 AAC 306.475.

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.

Lacey V. Brooks
Signature of licensee

Official Seal
Helen A. Duarte
Notary Public-State of Alaska
My Comm. Expires 12/1/2024

Notary Public in and for the State of Alaska

Lacey V. Brooks
Printed name of licensee

My commission expires: 12-01-2024

Subscribed and sworn to before me this 25th day of February, 2022.

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(Additional Space as Needed):

Continued from Page 3, Item 4.6:
Axiom Plant Growth Stimulator, EPA # 71771-3-89112; Azamax, EPA # 71908-1-81268; Bonide Bontone II Rooting Powder, EPA # 4-489; Bonide Citrus Fruit & Nut Orchard Spray Conc., EPA # 67702-17-4; Bonide Citrus Fruit & Nut Orchard Spray R-T-Spray, EPA # 67702-17-4; Bonide Diatomaceous Earth Crawling Insect Killer, EPA # 73729-1-4; Monterey B.T. RTU/Organic Gardening, EPA # 70051-113-54704; Monterey Take Down Garden Spray, EPA # 67702-5-54705; Monterey Take Down Garden Spray-RTU, EPA # 67702-6-54705; Nuke Em, EPA # exempt-25(b); Hormex Rooting Powder No.1, EPA # 8281-6; Hormex Rooting Powder No. 3, EPA # 8281-3; Hormex Rooting Powder No. 8, EPA # 8281-1; Bonide Insecticidal Soap Multi-Purpose Insect Control R-T-U, EPA # 67702-13-4; Bonide Liquid Copper Fungicide Ready to Use, EPA # 67702-1-4; Bonide Mite X RTU, EPA # exempt-25(b); Clonex Rooting Gel, EPA # 79664-1

Continued from Page 3, Item 4.7:
Other chemicals to be used in the cultivation facility are for the purpose of cleaning and equipment maintenance. These items include: Hydrogen Peroxide, Bleach, Cleaning Vinegar, Baking Soda, Dr. Bronner's Castile Soap, Lavender Essential Oil, Tea Tree Essential Oil, Simple Green D Disinfectant, Lysol toilet bowl cleaner, Pine-Sol, Oxi-clean powder. These items will be used only on surfaces and equipment in the facility, and are not intended to come into contact with marijuana plants at any stage of the growth or production process.

Continued from Page 6, Item 8.2:
Sample label that the cultivation facility will use to meet the labeling requirements of 3 AAC 306.475:

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