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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:	AKGLD, LLC	**MJ License #:**		10293	
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	AK FUZZY BUDZ				
Premises Address:	2612 Eagle St				
City:	Anchorage	**State:**	Alaska	**ZIP:**	99503

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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:

Marijuana cultivated at AK Fuzzy Budz will be tracked from seed or clone to sale or destruction in METRC, the marijuana inventory tracking system. All plants that reach eight inches will be tagged and assigned a tracking number. Marijuana will be harvested and grouped into batches up to five pounds of individual strains and will be assigned a METRC harvest batch number. A random sample will be collected from each batch and sent to a licensed testing facility. The remainder of the batch will be segregated until the testing results are received. 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 five pound containers inside a locked storage compartment within the vehicle for wholesale transactions and up to one ounce containers for re-sale by retailers without re-packaging. Package labels will include: (1) the name and license number of the cultivation facility; (2) the date the marijuana was harvested; (3) the harvest batch number assigned to the marijuana; (4) the date the marijuana was packaged; (5) the net weight and the quantity of usable marijuana packaged in a standard of measure compatible with the inventory tracking system; (6) a complete list of all pesticides, fungicides, and herbicides used in the cultivation of the marijuana.

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:

There are two rooms under cultivation at AK Fuzzy Budz cultivation facility - the cultivation room and the veg room.

The cultivation room is approximately 28.5' X 66' = 1,881 sq ft under cultivation in this room

The veg room is approximately 19.5' X 28.5' (555.75 sq ft) minus the bathroom 70.5 sq ft for a total of approximately 485.25 sq ft under cultivation in this room.

The total square feet under cultivation is approximately 2,366.25 sq ft.

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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:

There is bullet proof tinting on all windows, which only allows for one-way visibility. Additionally, all windows are covered by sheet-rock to eliminate outside light for growing purposes and to for another layer to prevent marijuana from being visible from outside the building.

All movement/transport of marijuana will be discrete, utilizing the designated door. All growing, processing, curing, packaging and labeling activities will be done inside the facility, not visible from outside. All marijuana will be securely packaged, labeled and organized for transport within the facility before being moved to the transport vehicle.

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

AK Fuzzy Budz uses hydro with coco, perlite and hydro corn as the growing mediums. AK Fuzzy Budz may also use rockwell, soil or a completely hydroponic system consisting of deep water culture and/or a variant of deep water culture known as bubbleponics which is a top-fed system. AK Fuzzy Budz may also use a aeroponics method of growing where there is no medium for the roots, its a type of hydroponic gardening - the roots would be suspended in the air as the H20 and nutrients are delivered to the roots via a misting system that continuously mists the roots.

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

Fertilizers and Nutrients: General Hydroponics, nitrogen, phosphorous, potassium, sulfur, minerals, magnesium, calcium, iron, sulfur, boron, cobalt, copper, manganese, molybdendum, amino acids, fulvic acid and zinc. Nutrients and Fertilizers will be added in various amounts and in various combinations depending on the cycle stage of the plant.
Delivery system for: fertilizers &/or nutrients will be added to the water and delivered to plants via deep water horticulture, regular watering, and/or misting of the roots.
Pesticides: Mighty Wash
Gases: Natural CO2 bags (mushroom or other organic plant material that exudes C02) which do not require any regulators or management system.

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

There are seven (7) 100 gallon water tanks inside the facility which pump water to the plants throughout the plants' life cycles.
Waste water/ run off is stored in two, 350 gallon tanks. AK Fuzzy Budz has received approval from the Municipality of Anchorage to dispose of waste-water down the facility drain.

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:

AK Fuzzy Budz will be disposing of: (1) marijuana that is identified as contaminated, infected or is otherwise rejected for quality or fails to meet quality testing; (2) waste from marijuana flowers, plant material and trimmings; (3) run off water from cultivation and processing; (4) any other materials or containers in contact with marijuana that risks contamination (5) any other marijuana deemed as waste by the MCB or Director. Marijuana waste will be stored away from all other marijuana in a locked container located against the exterior of the building and within a fenced in area, and will be rendered unusable prior to leaving the facility for disposal. A notice via email will be sent to AMCO enforcement not later than three days prior to rendering waste unusable and will be recorded in METRC when that function becomes available. Marijuana waste will be rendered unusable by grinding and then mixing with other compostable and non-compostable material such as, food waste, yard waste, cardboard, paper and soil; until the resulting mixture is no more than fifty percent (50%) marijuana waste. Management will maintain a log on the status of all marijuana waste, tracking the type, date of disposal, reason for disposal, date it was rendered unusable, and final destination. This information will be recorded in the disposal log and securely stored as a business record, available to AMCO upon request.

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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:

AK Fuzzy Budz has installed four, 12 inch air and blower boxes that scrub 3,200 cubic feet per minute. Odor causing agents are scrubbed from the air every three minutes.
Employees and/or management conduct frequent smell tests around the property and will install additional odor controls, such as charcoal filters etc., if needed.

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:

All harvested marijuana will be processed into harvest batches - harvest batch means marijuana of the same strain, harvested at the same time. A designated agent from the facility will collect a testing sample at random from each harvest batch. The individual responsible for collection will prepare a signed statement attesting that each sample was randomly selected, provide a signed statement to the testing facility, and maintain a copy as a business record. AK Fuzzy Budz will transport all samples to a licensed testing facility in compliance with the state regulations and the company's transportation policies. The facility will ensure that any individual transporting marijuana has a valid marijuana handler permit issued by AMCO. While awaiting the testing results, the remainder of the harvest batch will be segregated in the secured quarantine area. The facility will maintain all testing results as part of its official business records, and will enter the results in METRC. AK Fuzzy Budz will comply with any request from AMCO for a random sample from any growing medium, soil amendment, fertilizer, crop production aid, pesticide, or water and shall bear the expense for all such requests.

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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?	x	

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:

Jamie will ensure that any marijuana that is package for sale to a retailer that will not be repackaged by the retail license will meet the retail packaging requirements in 3AAC306.470(a)(1). To meet direct retail package requirements, Jamie will ensure that no direct consumer sale package exceeds more than one ounce of marijuana and will ensure that the packaging has a space for the retail license to put its retail license name, or logo, and license number. if the packages sold to retailer for direct consumer packaging (with no repackaging) is not packed in an opaque and child resistant container, Jamie will add a warning in the shipment reminding retailers that the marijuana as packaged does not meet the exit packaging requirements and that customers must be provided exit packaging prior to leaving the retail store. Any packaging done at the facility will be performed in an area specifically set aside for packaging and monitored with 24 hour 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. After agents package marijuana they will be placed in sanitized, air-tight containers, labeled with all compliant labeling information, and be given a bar code for the inventory control 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 inspected, accepted or rejected, and recorded in the log, and the on site manager will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances. Labels will include: (1) the name and license number of the cultivation facility, a space for th retail logo/name and license number; (2) the five required warnings found at 3AAC306.475(a)(1-5); (3) the date the marijuana was harvested; (4) the harvest batch number assigned to the marijuana; (5) the date the marijuana was packaged; (6) the net weight and the quantity of usable marijuana packaged in a standard of measure compatible with the inventory tracking system; (7) a complete list of all pesticides, fungicides, and herbicides used in the cultivation of the marijuana.

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 packages of marijuana will be sold to other licensed facilities in packages up to five pounds consisting of a single strain or a mixture of strains with strain names 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 the on site manager or Jamie will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances. Wholesale labels will be checked for (1) the date of final testing; (2) the cannabinoid potency profile, expressed as a range of percentages that extends from the lowest percentage to highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from the same marijuana cultivation facility within the last three months; (3) a statement listing the results of microbial testing; and (4) a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals. A METRC generated 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 list: (1) the date of final testing; (2) the cannabinoid potency profile, expressed as a range of percentages that extends from the lowest percentage to highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from the same marijuana cultivation facility within the last three months; (3) a statement listing the results of microbial testing; and (4) a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals. If a wholesale shipment sold to another licensed facility is from a harvest batch that has not been tested for contaminants, a label will be affixed identifying each such contaminant.

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

James Millhouse

Printed name of licensee

DANIELLE R. TREMBLAY
My Commission Expires
NOTARY PUBLIC
Feb. 3, 2019
STATE OF ALASKA

Notary Public in and for the State of Alaska

My commission expires: 02/03/2019

Subscribed and sworn to before me this 31 day of May, 2018.

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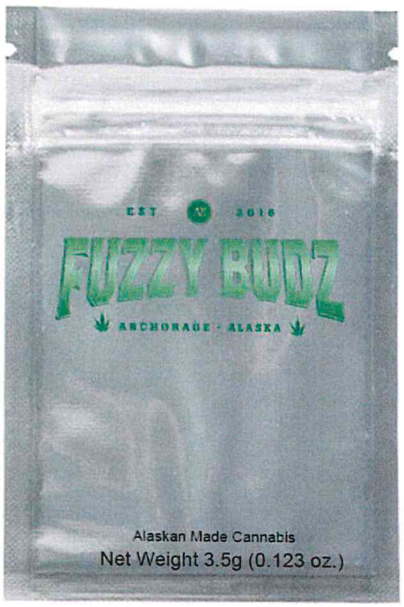
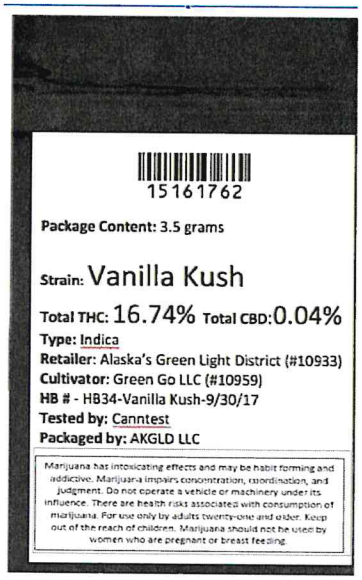
(Additional Space as Needed):





Sample retail and wholesale package
or similar format and content

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