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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:	Goldstream Grown, LLC	**MJ License #:**		19473	
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Goldstream Cannabis Annex				
Premises Address:	2922 Parks Hwy Studio 10				
City:	Fairbanks	**State:**	Alaska	**ZIP:**	99709

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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:

Seeds or clones will be entered into METRC as immature plants. Once they reach 8" tall they will be assigned a tag number which will be entered into METRC.
Each new growing phase will be logged into METRC (vegetative, flowering, harvest).
All waste from pruning, destroyed or harvested plants, or plant waste by room will be recorded into METRC. 72 hour waste notice will be sent to AMCO enforcement prior to removal from site.
Each plant will be harvested with it's perspective batch and given a batch number. Each individual plant will be weighed and recorded before being trimmed and waste for that batch will be logged into METRC.
All batches of cannabis will receive required testing. Once it passes testing it will be packaged into **flower or trim,** given a package tag number and logged into METRC. Packages sold will be accompanied by a METRC manifest and test results during transport to a retailer or testing lab.

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:

Vegetative room is 5'x10'. There will be one (3 tier) rack that is 3'x8'. A total of 72 sq ft. under cultivation.
Flower room is 10'x22'. There will be four (3 tier) racks that are 4' x8'. A total of 384 sq ft. under cultiavtion.
TOTAL AREA UNDER CULTIVATION DETERMINED BY RACK SIZE IS 456 SQ FT.

AMCO Received 3/27/2019

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:

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:

There will be no windows in this facility. No plants or finished product will be visible when the garage door is opened for moving in supplies as they are located in back rooms with separate doors.

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

Soil: coco fiber, peat moss, worm castings, Alaskan humus, pumice, perlite, diatomaceous earth, feather meal, kelp meal, excelerite clay, mycorrhizae, paramagnetic rock, granulated bone meal. **ProMix HP and perlite.**

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

SNS 217 RTU Spider Mite Control 0-25B

Organocide 3 in 1 Garden Spray Concentrate 70179-25B

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

Fertilizers: soybean extract, feather meal, bone meal, worm castings, potassium phosphate, magnesium sulfate, potassium sulfate, calcium nitrate, humic and fulvic acids, kelp extract, calcium phosphate, amino acids derived from protein hydrolysate, limestone, crab shell, shrimp shell, phosphoric acid, dextrose, sucrose and glucose derived from mono-potasium phosphate, seabird guano, calcium sulfonate, fish bone meal, yucca extract, citric acid, ferrous sulfate, alfalfa meal, kelp meal, rock dust, soybean meal, beneficial bacteroa, cottonseed meal, algae extract, zinc, boron, chelated calcium, aloe vera extract. We will notify AMCO prior to any implementation of new fertilizers used during the cultivation process. No carbon dioxide will be used at this facility.

Fertilizers will include one or more of the following lines or similar lines/additives: Nectar For The Gods, Cultured Biologix instant microbial teas, or Nature's Pride.

AMCO Received 3/27/2019

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

Nutrients will be mixed in a large tank and delivered immediately via irrigation lines that will run to each plant. Runoff will be minimal and will run into a tub placed on the heated floors 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:

Waste will be weighed and recorded immediately and stored in a cool, dry place, in bags labeled accordingly.
We will, via the marijuana inventory tracking system, give the board notice a minimum of 3 days before making the waste unusable and removing it from the facility for transfer to the local waste disposal site. Waste from cultivation, such as stems, leaves and roots, will be run through a wood chipper and mixed with an equal amount of household waste or soil in accordance with 3 AAC 306.740. We will keep a record of marijuana waste made unusable in the METRC system and its final destination. Any runoff from watering will be minimal and will drain into a tub for evaporation.

AMCO Received 3/27/2019

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:

Carbon filters will be placed on every exhaust fan, the carbon will be replaced as necessary, a minimum of every 6 months to ensure that no odor will be detectable by the public outside of the facility.

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:

Samples for routine required testing will be collected by separating the harvested marijuana into batches of individual strains of flower and randomly selecting the amount required by the testing facility. Marijuana and marijuana products will be tested for a battery of state required impurities and/or contaminants by a state licensed lab. The entire harvest batch will remain segregated (in up to 5lb lots) in the curing tent (cool and dark), until testing reports are received. We will maintain the testing results as part of our business records. Marijuana batches that fail testing will be disposed of after rendering the marijuana unusable and disposal will be documented using METRC. Upon notification that the board or director requires samples for random compliance checks, a licensee or authorized agent of our facility will notify an independent testing lab to send a representative to collect the required samples. This will establish a chain of custody and the possibility of unintentional contamination due to improper sample collection practices is minimized.

AMCO Received 3/27/2019

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:

Marijuana and marijuana products that are sold to retail stores will be in a package not exceeding one ounce and will not have any printed images (including cartoon characters) that target persons under 21 years of age. Packaging will protect the product from contamination and will not impart any toxic or damaging substance to the marijuana. Each package will be identified by a tracking label generated by our marijuana inventory tracking system. Labels will include all required warning statements. Continued on supplemental page with SAMPLE RETAIL LABEL.

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:

Marijuana and marijuana products will be sold in wholesale packages that do not exceed 5 lbs and may consist of one or more strains labeled accordingly. Packaging will protect the product from contamination and will not impart any toxic or damaging substance to the marijuana. Each package will be identified by a tracking label generated by our marijuana inventory tracking system. Labels will contain a range of percentages for that strain for the last 3 months, a statement that it has been tested for required microbial contamination, and a statement listing all contaminants for which it has been tested including molds, mildews and filth, herbicides, fungicides and pesticides, harmful chemicals. Sample label attached on supplemental forms.

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

Carolyn Dobbs
Printed name of licensee

STATE OF ALASKA
NOTARY PUBLIC
R. BEAL
My Commission Expires August 24, 2020

Notary Public in and for the State of Alaska

My commission expires: Aug 24 2020

Subscribed and sworn to before me this 14 day of November, 20 18.

AMCO Received 3/27/2019

(Additional Space as Needed):

MJ-04 8.1 continued
Each harvest batch will be accompanied by a letter disclosing the following information:
-each soil amendment, fertilizer, and other crop production aids applied to the growing medium or marijuana plant included in the batch, including any pesticides, herbicides or fungicides used.
-the name of the licensed marijuana testing facility that performed and required laboratory test and the results of each required test.

SAMPLE **RETAIL** LABEL

Goldstream Cannabis Annex
2922 Parks Hwy Studio 10
Fairbanks, AK 99709
License # 19473

Strain-
Net Weight- 1 gram
Harvest Batch-
Testing Lab-

METRC ID:
THC: CBD: CBN:
THCA: CBDA:
Total THC%
Total CBD%
Total Cannabinoid%

Herbicides: NONE
Fungicides: NONE
Pesticides: NONE

*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 21 and older. **Keep out of the reach of children.** Marijuana should not be used by women who are pregnant or breastfeeding*

AMCO Received 3/27/2019

Goldstream Cannabis Annex
2922 Parks Hwy Studio 10
Fairbanks, AK 99709
License # 19473

Harvest Batch- #1234
Strain-
Gross Weight- 1234 grams
Package Weight- 123 grams
Net Weight- 1111 grams
Packaged by- EMPLOYEE NAME
Package Date- 10/10/2020

*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 21 and older. **Keep out of the reach** of children. Marijuana should not be used by women who are pregnant or breastfeeding*

The harvest batch(es) in this package have been grown with love in soil with the following amendments and fertilizers:
Soil: coco fiber, peat moss, worm castings, Alaskan humus, Pumice, perlite, diatomaceous earth, feather meal, kelp meal, excelerite clay, mycorrhizae, paramagnetic rock, granulated bone meal.Fertilizers: Soybean extract, feather meal, bone meal, worm castings, potassium phosphate, magnesium sulfate, potassium sulfate, calcium nitrate, humic and fulvic acids, kelp extract, calcium phosphate, amino acids derived from protein hydrolysate, limestone, crab shell, shrimp shell, phosphoric acid, dextrose, sucrose and glucose derived from mono-potassium phosphate, seabird guano, calcium sulfonate, fish bone meal, yucca extract, citric acid, ferrous sulfate, alfalfa meal, kelp meal, rock dust, soybean meal, beneficial bacteria, cottonseed meal, algae extract, zinc, boron, chelated calcium, aloe vera extract.

TESTING FACILITY: NAME Date Received: METRC ID:
Sample ID: Product Type: Moisture Content:
Test Results:
THC: CBD: CBN: THCA: CBDA: Total THC% Total CBD%
Total Cannabinoid%
Microbial Results
Overall: Passed
Samlonella: Passed E-Coli (STEC): Passed Aspergillus Fumigatus: Passed
Aspergillus Flavus: Passed Aspergillus Niger: Passed
Herbicides: NONE
Fungicides: NONE
Pesticides: NONE

SAMPLE LABEL
WHOLESALE

FORM MJ-04 8.2

LICENSE # 19473

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