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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:	Stonewell Cultivation, LLC	**MJ License #:**	17548		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Stonewell Cultivation, LLC				
Premises Address:	4255 Murphy Dome Rd.				
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:

When growing from seed, seeds will be planted in seed flats, labeled, and recorded as a planting in METRC. Before reaching 8" in height, seedlings will be assigned a tag number in METRC, moving those plants from immature to vegetative. Once they have reached an appropriate size, these plants will be transplanted into larger containers and moved into a second vegetative room, with the room change recorded in METRC.
When growing from seed, cuttings taken from mother plants will be planted in a propagation mix, labeled, and recorded as a planting in METRC. Before reaching 8" in height, rooted clones will be assigned a tag number in METRC, moving those plants from immature to vegetative. Batches of clones will be transplanted into larger containers and moved into a second vegetative space, with the room change recorded in METRC.
Vegetative plants will continue to grow in the vegetative room until reaching the desired size. At this point, a batch of vegetative plants will be moved from the vegetative room to a flower room, into larger containers. This batch of plants will be transferred from vegetative to flowering stage in METRC, and the room change recorded. (Continued in additional space)

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;** JW

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** JW

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.** JW

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 cultivation space will consist of two vegetative rooms, each 8'8"x9'6", and two flower rooms, each 17'9"x8'9".
8'8"x9'6" = 82.4 sq. ft. (x2)= 164.8 sq. ft.
17'9"x8'9"=155.3 sq. ft. (x2)= 310.6 sq. ft.
Overall square footage of area under cultivation= 475.4 sq. ft.
Single-tier pallet racking will be used as growing space in both the vegetative rooms, with each rack measuring 90"x40". 2 tables will be used in each of these rooms.
Single-tier pallet racking will also be used in both the flower rooms, with each rack measuring 99"x40". 4 tables will be used in each of these rooms.
Vegetative rooms- 90"x40"= 25 sq. ft. (x4 tables)= 100 sq. ft.
Flower rooms- 99"x40"= 27.5 sq. ft. (x8 tables)= 220 sq. ft.
Overall square footage of pallet racking to be used as growing space= 320 sq. ft.

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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. JWJ

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:

This will be an indoor facility. Rigid walls and no windows into the licensed premises will ensure that any marijuana at the cultivation facility cannot by the public from outside the facility.

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

The facility will utilize SunGro Sunshine #1 N&O for seedlings and clones. Containers utilized after the immature phase will be filled with a craft soil mix produced by a local greenhouse. It is a compost-based, sterilized soil with dry fertilizer amendments added.

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:

The only pesticide product we plan to use is neem oil if necessary.
Bonide Neem Oil Concentrate; EPA registration #70051-2-4.

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

Sustane fertilizer products will be used, with 4-6-4 and 8-2-4 granulated fertilizers incorporated and topdressed. Additionally, Sustane compost tea and 12-0-1 will be applied as a soil drench.
Carbon dioxide supplementation will be utilized. Delivery of gas from CO_2 tanks will be controlled by a regulator, with a sensor in the room maintaining the desired level of CO_2. All rooms outfitted for CO_2 supplementation will also be equipped with an exhaust fan to the outside of the facility in case it is necessary to purge rooms.

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

A holding tank in the water room will supply tempered, filtered water for cultivation. ½" poly drip irrigation tubing will feed to 1/8" drip lines. An inline injector will be utilized to deliver a soil drench when desired. Excess water will drain to floor drains which will exit ourside the facility.

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:

Marijuana waste, to include stalks, leaves, and stems, will be made unusable by grinding it and mixing with at least an equal amount of other compostable materials such as earthworm compost, newspaper scraps, coffee grounds, and peat moss mix. Notice will be given to the board in METRC no later than three days before making marijuana waste unusable and disposing of it. Once marijuana waste has been made unusable it will be mixed into compost bins for composting. Records will be kept noting the final destination of marijuana waste made unusable. Wastewater generated during marijuana cultivation will exit the facility through floor drains and drain outside.

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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 design of the facility will help to mitigate smell. A sealed room system will be utilized for the flower rooms, so venting of the cultivation area to the outside will be limited. Additionally, this cultivation facility will utilize carbon filters within each cultivation space to ensure that any air that is expelled does not emit an odor that is detectable by the public from outside 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.	JWJ
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.	JWJ

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

A sample will be taken from each harvest batch of marijuana produced at the facility and provided to a testing facility. A random, homogenous sample will be collected. The individual who collects the sample will fill out the accompanying signed statement showing that each sample has been randomly selected for testing, providing said statement to the marijuana testing facility, and maintaining a copy for business records. Transportation of samples to a testing facility will be in compliance with 3 AAC 306.750.The entire harvest batch from which the testing sample is obtained will be segregated until the testing facility returns the results of its tests. During this time, the batch will be maintained in a secure, cool, dry location. Until all required laboratory testing has been completed and the results returned in writing, no marijuana from this harvest batch will be sold or transported. Testing results will be maintained as part of business records. Should the board or the director require the facility to provide samples of growing medium, soil amendments, fertilizers, etc. for compliance checks, the facility will cooperate to facilitate the collection of samples.

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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:

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:

To each package of marijuana sold to another marijuana establishment, a label will be affixed detailing the name and license number of the cultivation facility, the harvest batch number, the net weight of the marijuana in the package, and a complete list of all pesticides, fungicides, and herbicides used in cultivation of the marijuana.If transporting wholesale marijuana to another establishment, a label will be affixed to the shipping container showing that the harvest batch in the shipment has been tested by a licensed marijuana testing facility. The label will include a cannabinoid potency profile, a statement listing the results of microbial testing, and a statement listing any contaminants for which the product was tested in addition to required testing. Label attached in additional space.

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

JOHN W. JAEGER

Printed name of licensee

LORI PULGARIN
My Commission Expires
NOTARY PUBLIC
May 1, 2021
STATE OF ALASKA

Notary Public in and for the State of Alaska

My commission expires: May 1, 2021

Subscribed and sworn to before me this 16th day of October, 2018.

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(Additional Space as Needed):

2.1 The batch of flowering plants will continue to grow in the flower room until ready for harvest. At harvest time, the flowering room will be harvested, and the wet weight of each plant recorded by tag number. Any waste will also be recorded. A harvest batch will be created in METRC from the group of plants harvested, and the required information will be recorded. This harvest batch will be moved to a drying room, where it will hang in a clean, humidity-controlled environment with good air circulation until appropriately dry. At this point, harvested plants will be processed and manicured for packaging. Batch weight will be recorded, along with any waste. Manicured marijuana will be placed in curing containers, and packages created in METRC.

Stonewell CULTIVATION

Cultivator: Stonewell Cultivation, LLC
Cultivator License #: 17548
Harvest Batch #: Harvested on:
Tested by:
THC:
CBD:
Net weight:
Microbial testing:
Contaminant testing:

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