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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:	Taku Horticulture Company, LLC	**MJ License #:**	12176		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Taku Horticulture Company, LLC				
Premises Address:	1758 Anka Street, Building B, Suite A1				
City:	Juneau	**State:**	Alaska	**ZIP:**	99801

AMCO Received 11/26/2018

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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:

Taku Horticulture Company, LLC will operate by planting the seeds obtained from an online vendor that are shipped to the facility. These seeds will then become the mother plants from which we will obtain clones. We will then transfer the clones into buckets for the vegetative cycle which will be approximately two weeks. After this period, we will transfer the plants into the area for the bloom or flower cycle which will take approximately 8 to 12 weeks until the plants finish their cycle for flowering. We will then cut, dry in a dry room and package for transfer from the premises the finished marijuana product.

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:

The only rooms that will be used for culitviation are the following:

1. The Vegetation Room which measures approximately 22 X 16 for approximatly 358 square feet.

2. The Bloom Room which measures 1,897 square feet. However the cultiviation area in the Bloom Room is divided into two parts and the cultiviation in those two parts equals 1,200 square feet.

The total area used for cultiviation is 1,558 square feet.

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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? [ ] [X]

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:

All windows and doors will be secured with an alarm system and all windows inside the facility in areas which contain any marijuana product will be blacked out.

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

Hydroponic methods will be used only. No soil for growing.

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:

The product brand that we will be using will be Monterey Horticultural Oil and the EPA number is 48813-1-54705 and or will use Organocide 3-IN-1 Garden Spray Concentrate, EPA number is exempt-25(B) and Clonex Rooting Gel, EPA number is 79664-1.

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

Taku Horticulture Company, LLC will use a premium hydroponic plant nutrient as the fertilizer for the marijuana product. Nutrients will be formulated with mineral salts.

We will install a CO2 generator burning propane and emitting CO2 gas. The gas will be regulated with computer controlled system at 1,500 parts per million during early and latter parts of business hours. Gas will flow freely through distribution tubes on top of canopy.

The brand of nutrients that will be used at Taku Horticulture, LLC will be Cultured Solutions - Premium hydroponic nutrients.

Cultured solutions are Veg A&B Nutrients, 2-Part Premium Bloom A&B Nutrients, Bud Booster Early Nutrients, Bud Booster Mid.

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

Deep water cultivation on a recirculating cycle will be used. Fresh water will be supplied by the City and Borough of Juneau. Waste water will be leached into exterior landscaping.

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. LK

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:

When there is waste that needs to be disposed of, we will notify AMCO no later then three days prior to rendering it unusable. It will be kept in a 55 gallon Rubbermaid can with a cover and after AMCO approves, the material will be mixed with a ratio of equal parts with an approved regulation material such as vegetable oil/food waste, etc.

We will be grinding and mixing the marijuana waste with non-marijuana waste. We will deliver the waste to a permitted solid waste facility per 3 AAC 306.740.

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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)?	☐	X

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:

There are three 5 ton air handlers with charcoal filters that clean the air with filters. There will also be three portable commercial grade charcoal filters in the flower room and vegetation room. The dry room will have a 2 ton air handler with charcoal filter. There will also be two commercial grade charcoal filters that can be placed where 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:

Samples for testing will be segregated into batches based on strains of bud and flower. After segregation, random samples will be collected in an amount required by the testing facility.

A designated employee will prepare a statement that is signed attesting that samples were collected at random. This document will include the employee's name and signature and a statement saying that it was a random sampling. This document will be provided to the testing facility and a copy will be kept on file to comply with regulation 3 AAC 306.755.

All transportation of marijuana being tested will be done so within regulation 3 AAC 306.750. During the segregation period, the marijuana will be stored in a secure, cool, and dry location. No marijuana will be sold until testing is complete.

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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:

Answer "Yes" or "No" to the following question:	Yes	No
8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages?	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:

All product sold will be prepackaged in clear packaging that is resealable and childproof. All packaged products will have the required labels providing all mandated identification and product test information.

We will be packing marijuana bud and flower in a wholesale capacity. The weight will be anywhere from a half pound to no greater than 5 pounds. The package size will be 14 1/2" x 16" .

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

David L. Turner
Printed name of licensee

STEFANIE WOLTER NOTARY PUBLIC STATE OF ALASKA

Notary Public in and for the State of Alaska

My commission expires: 6/4/2020

Subscribed and sworn to before me this 26 day of November, 2018.

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(Additional Space as Needed):

WHOLESALE LABEL

Wholesale Package Tag
Taku Horticulture Company, LLC
License # 12176

Harvest Batch # and METRC #:

_____

_____

Herbicides, Pesticides, Fungicides:

_____

Net Weight: _____ g (_____ oz.)

TRANSPORT LABEL

Taku Horticulture Company
Standard Cultivation - License # 12176
Transport Container Tag

Test Facility: _____ License #: _____
Strains Included (list strain and HB Name or Parent METRC Tag)

_____

_____

Microbial Test Passed Residual Solvents Test Passed
Contaminants Test Passed (Molds, Mildew, Filth, Harmful Chemicals)
Herb., Pest. & Fung.:

_____

THC _____% THCA _____% CBN _____%
CBD _____% CBDA _____%
See attached documents for all other lab results.

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