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Alaska Marijuana Control Board

Operating Plan Supplemental
Form MJ-04: Marijuana Cultivation Facility

Why is this form needed?

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 Anchorage 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:	Tidewater Farms, LLC	**MJ License #:**		39775	
License Type:	Limited Cultivation				
Doing Business As:	Tidewater Farms				
Premises Address:	3002 West Tongass Narrows				
City:	Ketchikan	**State:**	Alaska	**ZIP:**	99901

AMCO Recieved 3/3/2025

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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:

Facility is under constant video recording surveillance. Each employee shall be wearing their ID badges with photos at all times while in the restricted access area. Clones are taken from tagged mother plants; these clones are entered into Metric as immature plants. When clones are transplanted into vegetative stage, each is given a Metric identification tag, stating: strain, id number, and cultivation facility name. This tag is affixed to the plant and follows the plant through flower stage. When harvested, the weight of the plant and date of harvest is entered into Metric. After 10 days of drying, the weight of the harvest batch is recorded. The random sample of the harvest batch is weighed on an AMCO approved scale according to harvest batch weight. This sample is sent in a locked travel box with an employee to a state registered testing facility. Upon receiving test results via email, a source package is created representing the harvest batch. When an order is received, a package is created from the source package. The product is weighed on an AMCO approved scale and stored in seal-able Grove bags. This package receives a Metric package tag, which accompanies the package at all times. A manifest is created, stating: weight, strain, driver (both state and AMCO ID) and vehicle information, as well as departure and arrival times. Two manifests and two invoices are created; package is placed in a key-locked, secure travel tote with applicable paperwork. Upon delivery and receipt of package, manifests are signed, dated, with one manifest returning with employee to facility for filing.

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;** JL

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** JL

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.** JL

Section 4 – Cultivation Plan

Review the requirements under 3 AAC 306.420 and 3 AAC 306.430.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.1. The proposed area(s) for cultivation are clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application. JL

Answer "Yes" or "No" to the following question: Yes No

4.2. 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

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4.3. 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:

Due to formatting issues, the entire answer is placed under Additional Space as Needed.

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

Peat-based soil-less mix.

4.5. 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:

Neem oil

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

One (1) CO2 generator with Quest CO2 control panel with monitoring system; rest listed page 7.

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

Rainwater is collected in a catchment system and passed through sediment filters, along with UV sterilization before any water enters the registered facility. Plants are hand-watered to ensure zero runoff. (In an organic living soil system, there is zero runoff.) Due to no run off, there is no waste water.

Section 5 – Waste Disposal

5.1. 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:

Due to formatting issues, the entire answer is placed under Additional Space as Needed.

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:

Activated charcoal air filters are utilized in a closed system. The pre-filters are washed and sterilized every month, with the charcoal filter replaced every six months or as needed according to performance.

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:

Random samples will be taken from harvest batch and dried for ten (10) days. The harvest batch and samples will be tried and curred; the harvest batch is weighed at that point. A random sample is weighed on an AMCO approved scale according to the package weight. Sample is stored in a locked, secure area under constant video surveillance. The sample is submitted for testing in Metric, and a package is created for that sample. A manifest is created for the sample package; the sample package is then sent with an agent, employee, or licensee of the facility in a secure, locked transport box, to a state approved testing facility. The cultivation facility will receive sample results via email, and the source package will reflect these results.

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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:

Source package is stored in a secure, climate controlled room in seal-able containers, which allows for humidity control; product and climate of room are inspected daily. When an order is filled, it is weighed on an AMCO approved scale and placed in seal-able, climate controlled Grove storage bags. Packages will not exceed ten (10) pounds to a retail facility, or five (5) pounds to a cultivation facility. Wholesale package shall include a list of soil amendments, product name, and test results of cannabis being sold. A Metric label shall be affixed stating name and license number of cultivation facility, package tracking number, and net weight of package. A label shall be affixed to the package stating test results from the state approved testing facility. These test results shall include cannabinoid potency profile, results of microbial testing, and mold/pesticide or harmful chemical testing results.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right:

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. JK

I hereby certify that I am the person herein named and subscribing to this application and that I have read the complete application, and I know the full content thereof. I declare that all of the information contained herein, and evidence or other documents submitted are true and correct. I understand that any falsification or misrepresentation of any item or response in this application, or any attachment, or documents to support this application, is sufficient grounds for denying or revoking a license/permit. I further understand that it is a Class A misdemeanor under Alaska Statute 11.56.210 to falsify an application and commit the crime of unsworn falsification. JK

John Knechtel

Printed name of licensee

Signature of licensee

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(Additional Space as Needed):

4.3 - The facility is surrounded by exterior fencing and locked gates that utilize commercial-grade locks; posted private property signs, along with the required AMCO restricted access area signage, are affixed to each gate. The cultivation facility is located within one building, with both exterior doors locked at all times utilizing commercial grade, non-residential door locks. The entire licensed premises area is under constant video surveillance, and access to the facility is limited to employees, licensee, agents of the facility, or approved, escorted, and signed-in visitors. Any product leaving the facility shall be stored in a locked tote box with approved paperwork found within.

5.1 - There will be no waste water created at the cultivation facility. Vegetative waste created during the growth and harvest of cannabis will be entered into Metric accordingly after being weighed on an AMCO-approved scale. This waste will be shredded immediately using a Earthwise chipper/shredder, then mixed with equal parts food waste and compost. This process will happen on site under recorded surveillance cameras.

Soil Amendment List

compost
worm castings
peat moss
perlite
charcoal
alfalfa meal
kelp meal
rock phosphate
azomite
gypsum
fish bone meal
feather meal
molasses
lime
blood meal
seabird guano
diatomaceous earth
oyster shells
neem meal
mycorrhiza fungi
crustacean meal
epsom salt
clonex cloning gel
ph (up and down)
organic cal-mag
organic fish hydrolysate