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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:** | TOK LLC | **MJ License #:** | | 40539 | |
| **License Type:** | Limited Cultivation | | | | |
| **Doing Business As:** | TOK | | | | |
| **Premises Address:** | 12001 Jonesville Mine Rd. | | | | |
| **City:** | Sutton | **State:** | Alaska | **ZIP:** | 99674 |

AMCO Received 5.1.2025

## 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:**

Clones are taken from current marijuana strain stock either by clones taken from plants and or seeds. Clones are placed in rooting cubes in a container with dome. Clones will root in 10-14 days then placed in ½ gallon fabric pots filled with a medium of Peat, Coco coir and Perlite until they grow to (4-8 inches) at which time they become teen marijuana plants and are added to metrics. Teen marijuana plants are transferred to a larger 2 gallon fabric pot of the same medium when they are 12+ inches and then placed on the vegetative table. Teens will be on the table for 4-6 weeks. When harvest is finished in the bloom room teen plants from the vegetative room are transferred into the flowering room tables. The marijuana plants will be in the Bloom Room for 6-12 weeks depending on the current specific marijuana strain that is in bloom. Multiple marijuana strains will grow side by side in the Bloom Room. Plants are harvested when the trichomes reach a milky opacity. Plants are harvested by removing large fan leaves which are waste. Harvest will be hand trimmed of large fan leaves then assisted by a Centurion Pro barrel style machine trimmer. Final trim is done by hand. All waste will be disposed of and the rest will be sorted into sell able marijuana and lower grade which is sold to a licensed manufacturer. Harvest will be hung to dry in the restricted access climate controlled dry room for 10-14 days. Harvest will then be divided into batches not exceeding 5lbs and given a inventory tracking number then kept in sealed bags placed in locking 5 gallon buckets labeled with a batch id, strain name and crop date until sold. Samples of batches will be taken at this time and submitted for testing. Transfer of marijuana to a licensed premise will have a compliant manifesto, recorded in metrics immediately and will be directly with no stops transferred by a representative of TOK. Buckets stay in a locked container that is bolted to the floor of the automobile until it reaches the licensed premise.

## 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;** | ZAH |
| **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** | ZAH |
| **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.** | ZAH |

## 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.** | ZAH |

| 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:**

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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:**

The indoor facility where marijuana will be cultivated has no windows to view from outside into the facility. The facility also has a dual entry before reaching cultivation area so the public cannot see inside if you open the front entry. All entries are restricted and controlled by a monitored access control system.

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

TOK will utilize fabric pots filled with a mix of peat, coco coir, perlite and hydroton clay balls as a lower drainage layer.

**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:**

Green Cleaner Active Ingredients: Soybean Oil, Sodium Lauryl Sulfate, Citric Acid and Isopropyl Alcohol. Green Cleaner is exempt from EPA registration under minimal risk pesticides exempted under FIFRA 25 (b) Root Cleaner Active Ingredients: Soybean Oil, Sodium Lauryl Sulfate, Citric Acid, Sodium Citrate, Water and Isopropyl Alcohol. Root Cleaner is exempt from EPA registration under minimal risk pesticides exempted under FIFRA 25 (b) Bacillus thuringiensis via water treatment only. EPA-738-F-98-001 The system uses drip emitters on irrigation lines that are hooked up to a nutrient solution reservoir that has monitors for PH, PPM and Temperature. The irrigation pump is controlled via smart switches to program water intervals and duration.

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

House and Garden nutrients; Aqua Flakes A (11-0-0) & B (2-4-10) provides vital base nutrients, MultiZen (0.2-0-0.7) Enzymes that promote growth, Drip Clean (0-18.7-6.1) keeps media salt free, Nitrogen Boost (1.6-0-0) Provide Nitrogen, Roots Excelurator (beneficial bacteria), Algen Extract (0.2-0-0.4) Norwegian Sea Kelp Blend, Amino Treatment (0.1-0-0.6) helps strengthen plants, Bud-XL (0.4-0-0.2) Enzymes that promote flavor, PH Osmosis/Stabilizer (stabilzes the PH of RO water) CALiMAGic™ 1-0-0, a concentrated blend of readily available calcium and magnesium, assists fast growing plants by preventing secondary nutrient deficiencies and Magic Green (2.7-0.7-3.5) foliar spray to increase vitality. Other: Chitosan Oligosaccharide (prepared from exoskeleton of anthropods too increase SARS response), General Hydroponics PH up (potassium hydroxide and potassium carbonate ) and PH down (phosphoric acid), Molasses (provide vital nutrients during flushing stages), Woods Rooting Hormone (IBA and NAA epa#43905-1), 99% and 70% ISO, vinegar and 35% H202.

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

The cultivation facility uses pressurized drip irrigation via a pump that is connected to a nutrient reservoir. Irrigation lines going to each plant connects to a larger line that is connected to the output of the pump. The nutrient reservoir has continuous circulation via a pump that routes through a chiller before returning to the reservoir to keep the reservoir at a consistent temperature. The nutrient reservoir is monitored for PH, PPM and Temperature. All waste water from runoff will be pumped to a holding tank that will then be pumped through a sediment filter then carbon and then RO filter to another tank to be reused for watering plants. The RO waste water goes to a holding tank outside setup to passively distill into another tank for reusing to water plants.

## 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:**

All marijuana waste will be mixed with yard cuttings and or soil by 51% of the volume. The waste will be disposed of in a compost bin located outside near the 250 gallon waste water holding tank. The built up sediment left after distillation will be taken to the proper local waste site.

## 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.** ZAH

**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:**

In the Bloom and Drying room there will be carbon filters with attached fans that deodorizes the total room which circulates air volume every 10 minutes. Fresh air exchange uses a carbon filter on the output. All filters will be replaced annually. The facility also is a long distance of 400+ feet from a not busy road with nearest public businesses being 1/2 mile away mitigating the probability of any smell if escaped from facility being detected by the public.

## 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.** ZAH

**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.** ZAH

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

TOK will utilizes an Alaskan State approved licensed testing laboratory (laboratory). Each certificate of analysis will be uploaded to METRC system in the corresponding batch record. Each test, to report batch conformance to THC, THCA, CBD, CBDA, CBG CBN and CBC, and that terpene profiles are in accordance with and contaminants do not exceed the levels as required by the State of Alaska. Immediately after drying and curing is complete, the manager will make each batch of marijuana available for sampling and testing. The manager will collect random, homogeneous samples of each finished batch and facilitate their transportation to the selected laboratory where they will be analyzed in accordance with scientifically valid methods. Samples will be handled, transported, and stored in a manner that prevents contamination. All samples will be transported in a secured, locked container that fulfills the transportation storage requirements pursuant to the Alaska Marijuana Control Board regulations. A detailed chain of custody will be maintained at all times and a receipt will be provided for all samples taken. A shipping manifest will be completed and securely transmitted to the laboratory receiving the samples. Any motor vehicle transporting the marijuana samples will travel directly from the cultivation facility to the laboratory and will not make any stops. After test has confirmed values are in acceptable levels the marijuana will be made available for sale to a license marijuana retailer, manufacturing facility or extraction facility.

## 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:**

TOK will sell marijuana via individual packaging of either 4 gram, 8 gram and 28 grams packaging to a licensed marijuana businesses. Individual packag batches will not exceed 5lbs and each sealed locked bucket will hold 1000-2270 grams depending on density of marijuana.
Individual packaging will be labeled with the following information;
TOK, License #40539, Inventory Tracking Number, Net Weight, Strain Name, Type(Indica/Hybrid/Sativa), Harvest Date, Grow Amendments & Pest/Mold Management,Test Facility and Test Results.
Marijuana consumption warning.
See Sample Individual Label document attached.

| 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:**

TOK will sell marijuana Wholesale batches not exceeding 5lbs and each sealed locked bucket will hold 1000-2270 grams depending on density of marijuana.
Wholesale Buckets will be labeled with the following information;
TOK, License #40539, Inventory Tracking Number, Net Weight, Strain Name, Type(Indica/Hybrid/Sativa), Harvest Date, Grow Amendments & Pest/Mold Management,Test Facility and Test Results.
See Sample Wholesale Label document attached.

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.** ZAH

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. ZAH

Zeke Hilsinger
Printed name of licensee

Signature of licensee

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**(Additional Space as Needed):**