Alcohol & Marijuana Control Office
550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

Alaska Marijuana Control Board

Cover Sheet for Marijuana Establishment Applications

What is this form?

This cover sheet **must** be completed and submitted any time a document, payment, or other marijuana establishment application item is emailed, mailed, or hand-delivered to AMCO's main office.

Items that are submitted without this page will be returned in the manner in which they were received.

Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	Tok Harvest Company, LLC	**License Number:**	32613		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Tok Harvest Company, LLC				
Physical Address:	MP 1308 Alaska Highway				
City:	Tok	**State:**	AK	**Zip Code:**	99780
Designated Licensee:	Patricia Young				
Email Address:	tokharvestcompany@gmail.com				

Section 2 – Attached Items

List all documents, payments, and other items that are being submitted along with this page.

Attached Items:	Form MJ-04 Marijuana Cultivation Facility

OFFICE USE ONLY					
Received Date:		Payment Submitted Y/N:		Transaction #:	

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APR 29 2022

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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:	Tok Harvest Company, LLC	**MJ License #:**	32613		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Tok Harvest Company, LLC				
Premises Address:	MP 1308 Alaska Highway				
City:	Tok	**State:**	Alaska	**ZIP:**	99780

AMCO
APR 29 2022

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

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:

All cannabis material will be documented utilizing a Marijuana Inventory Tracking System (METRC) as per 3 AAC 306.730. Seeds/Cuttings will be documented by METRC at 6" in height and the resulting juvenile plants will spend about two (2) months in the Grow Room. At this point, they will be documented by the MITS, a cutting will be taken from each plant, and the mature plant will be moved into the Bud Room, where they'll spend another two (2) months in the budding process. The Cuttings will be tagged, documented and placed into a Cloning Machine until rooted and placed into a Grow Table, restarting the process all over again. After the plants have finished their Budding Cycle they'll be documented and transferred into the Drying Room; where they'll spend 7-10 days drying. When ready, the dried plant material will be documented and moved into the Trimming Room to be processed into marketable, packaged product. Packaged Product will be labeled as per 3 AAC 306.475, documented and placed into our Secure Storage Area until transferred to Customers as per 3 AAC 306.750. Waste materials generated by our Operation will be disposed of as per 3 AAC 306.740.

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;** [M]

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** [M]

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.** [M]

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 Facility for Tok Harvest Company, LLC will have an overall footprint of 6,900 ft2. Growing Rooms will be 29' x 29' 12 ceiling, equaling 841 ft2 = 10,092ft3. Budding Rooms will be 29' x 40' and 42' x 18' 12' ceiling, equaling 1916 ft2 = 22,992ft3.The Mechanical Room is 30' x 25' 750 ft2, the Curing Room 28' x 18' 504 ft2, the Trimming & Packaging Room 1407 ft2, the Secure Storage Room 9 'x 25' 225 ft2,the Office 23 'x 18' 414 ft2, the Bathroom area 13' x 18' 234 ft2, and the Hallway 438 ft2.

AMCO
APR 29 2022

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. [x]

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:

The facility is a completely enclosed structure with no windows. The facility is a quarter of a mile from the Alaska Highway. There is no way to observe anything other than the buildings' exterior.

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

The operation will propagate & grow using Hydroponic Culture, specifically NFT systems. These systems will be hand built and incorporate the features of a classic Nutrient Film Technic system. Seed & cutting propagation will occur via four (2 per Grow Room) Turbo Klone® T-96 air-o-ponic systems. Seedlings & Cuttings are held in the Turbo Klone T-96 with a cut down Oasis Cube® & neoprene disc or just a neoprene disc respectively. Once rooted, the infant plants are transplanted into a 3" mesh pot with a small amount of Grow Stones® or Hydroton® expanded clay pellets and topped with a 3" neoprene disc, then placed into the Grow Systems, and later transferred to the Bud Systems.

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:

THC pest & disease management program is based on deterrence & prevention; and only when necessary using Biopesticides, Bacterial inoculates or mechanical controls. 1) Purge III, EPA #279-3388, which is Pyrethrum, an OMRI listed product. 2) Serenade Garden biofungicide, EPA #69592-12, a QST 713 strain of Bacillus Subtilis. 3) Cedarcide Original, registered by EPA under FIFRA rule 25(b). 4) Yellow Sticky Traps, nontoxic mechanical monitoring & control.

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

Please see: Marijuana Cultivation Facility Operating Plan Supplemental on page #7 of this Form.

AMCO
APR 29 2022

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

Tok Harvest Company's production model is based on Hydroponic, closed NFT systems. Our Grow Systems will utilize 50 gallon tanks and our Bud Systems will utilize 100 gallon tanks. These nutrient tanks will be changed on a regular 10 day cycle. At full production, the facility will generate approximately 9,180 gallons of spent (out of balance) nutrient solution per month, or 110,160 gallons of spent nutrient solution a year. Our intention is to stockpile the spent solution in a lined, 20,000ft³ holding pond adjacent to our facility. During the spring and summer months we plan to siphon this stockpiled nutrient solution into a 5,000 gallon water truck, dilute it to <500ppm and spray or flood this resource onto forested and wild berry covered areas on the property, thereby recycling it in lieu of disposal.

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:

Tok Harvest Company's Cultivation Plan calls for the immediate disposal of all organic non-product materials generated postharvest. The collected root systems will be taken to an area on the other side of our property (≥1,500') and appropriately mulched (Subarctic mulching requires spreading the material thinly.) The dry materials will be immediately burned in our onsite incinerator. Our normal procedure will be to separate all waste materials into three groups; (1) recyclable group of root balls & nutrient solutions, (2) paper & other combustibles (3) and plastics, foils and other noncombustibles, which will be disposed of into our dumpster provided by JD Refuse Service in Tok.

All marijuana plant waste will be ground and mixed with an equal amount of compostable or non-compostable material. All solid waste will be disposed of at the Tok Class 3 landfill or incinerated.

Liquid waste is going to be collected in a lined reservoir outside the facility. The reservoir will have a 6' chain link fence topped with razor wire, around it to ensure no unauthorized person or animal has access to the liquid waste. There will be no trespassing signs posted on all sides of the fence.

As required in 3AAC306.740, Tok Harvest Company will give the board notice not later than 3 days before making the waste unusable and disposing of it.

AMCO
APR 29 2022

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:

No local government. The location of our facility is segregated from the general public. The facility is located over a quarter of a mile from the highway on a cleared, well aerated 50 acre parcel; we believe the air patterns will quickly dissipate any smell in short order. Lennox Healthy Climate® HEPA charcoal filter in the exhaust ductwork of the Fresh Air Exchange System to capture the normal nominal aromas of production. To help mitigate the stronger smell we will place a tray of ONA Gel® in the exhaust system, beyond the charcoal filter and before the actual exhaust fan to help neutralize the odor. Also, Tok is over 6 miles away and any odor will dissipate before reaching Tok.

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:

The facility will on the day of harvest scan into the inventory tracking system the ID codes for each plant harvested and hang the plants in the Curing Room. At this point the designated personnel will take a random sample form each variety of the harvested plants and dehydrate to the testing labs' preferred moisture content. The designated personnel will prepare a signed statement showing that each sample has been randomly selected for testing. They shall make two copies; one for the testing facility and one for our records under 3 AAC 306.755. Once the sample(s) is ready it will be packaged within a purged with CO2 gas and sealed, tamper-evident shipping container. Then we will affix the label in compliance with 3 AAC 306.475 to the shipping container. We will then generate a transport manifest from the inventory tracking system. If the sample is not transported immediately it will be secured in a restricted access area and accounted for in the inventory tracking system as required under 3 AAC 306.730 until it does ship. When the sample ships, in compliance with 3 AAC 306.750, the transport manifest along with the signed statement will remain with the product at all times while being transported, and given to the licensed Testing Facility that receives the shipment. The product from the particular batch will be secured until the Testing Facility results are returned. When the Testing Facility returns the report for that product batch, then we can release that batch for sale in accordance with 3 AAC 306.405.

AMCO
APR 29 2022

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:

No local government. The location of our facility is segregated from the general public. The facility is located over a quarter of a mile from the highway on a cleared, well aerated 50 acre parcel; we believe the air patterns will quickly dissipate any smell in short order. Lennox Healthy Climate® HEPA charcoal filter in the exhaust ductwork of the Fresh Air Exchange System to capture the normal nominal aromas of production. To help mitigate the stronger smell we will place a tray of ONA Gel® in the exhaust system, beyond the charcoal filter and before the actual exhaust fan to help neutralize the odor. Also, Tok is over 6 miles away and any odor will dissipate before reaching Tok.

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:

The facility will on the day of harvest scan into the inventory tracking system the ID codes for each plant harvested and hang the plants in the Curing Room. At this point the designated personnel will take a random sample form each variety of the harvested plants and dehydrate to the testing labs' preferred moisture content. The designated personnel will prepare a signed statement showing that each sample has been randomly selected for testing. They shall make two copies; one for the testing facility and one for our records under 3 AAC 306.755. Once the sample(s) is ready it will be packaged within a purged with CO2 gas and sealed, tamper-evident shipping container. Then we will affix the label in compliance with 3 AAC 306.475 to the shipping container. We will then generate a transport manifest from the inventory tracking system. If the sample is not transported immediately it will be secured in a restricted access area and accounted for in the inventory tracking system as required under 3 AAC 306.730 until it does ship. When the sample ships, in compliance with 3 AAC 306.750, the transport manifest along with the signed statement will remain with the product at all times while being transported, and given to the licensed Testing Facility that receives the shipment. The product from the particular batch will be secured until the Testing Facility results are returned. When the Testing Facility returns the report for that product batch, then we can release that batch for sale in accordance with 3 AAC 306.405.

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:

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:

Our business model is structured as a wholesale cultivation facility. Packaging of our product will consist of ½ pound & 1 pound opaque, child resistant, smell proof, resealable Mylar Barrier Bags. Each bag will contain a singular strain, labeled in accordance with 3 AAC 306.475 and inventoried into the MITS. Orders will be further packaged for transport in standard 20"x20"x16" cardboard boxes (5lb box) or a 16"x16"x12" box, Inventoried into the MITS with the accompanying Transport Manifest (2 copies.)

AMCO
APR 29 2022

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.

State of Alaska
NOTARY PUBLIC
L. Johnson
My Commission Expires Apr 14, 2023

Signature of licensee

Patricia Young
Printed name of licensee

Notary Public in and for the State of Alaska

My commission expires: 04/14/2023

Subscribed and sworn to before me this 25 day of April, 2022.

(Additional Space as Needed):

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

Tok Harvest Company will utilize commercial hydroponic nutrients in all phases of production, and are delivered via a closed loop system. Water is our base chemical and will be used only after a chemical analysis (lead & arsenic screening) and bacterial screening has been performed; these analyses will be done on an annual basis. Our water will pass through a 5micron then a 1micron particle filters, an Iron filter, and a VIQUA® UV sterilizer before it reaches the storage tanks (temperature buffering.) Phosphoric acid is used to adjust the solutions ph in all cases. The Seedlings & Cuttings will start with a solution of Water, 1-Napthaleneacetic Acid & Indole-3-Butyric Acid (Hormex®.) In both the Grow & Bud Systems a multi-part nutrient solution will be formulated. Our nutrient solutions' base is Jack's Professional® 5-12-26 Hydroponic formulation, used in combination with 15-0-0 Calcium Nitrate and Jack's® MOST (Mix of Soluble Traces) Micronutrient blend to create our grow solution. The flowering solution is the same minus the Calcium Nitrate and using a Calcium/Magnesium amendment as a substitution. In both Grow & Bud Solutions Silica Blast™ a Silica amendment will be used to strengthen the plants' cell walls. Hydroguard®, a Bacillus root inoculant (Bacillus Amyloliquefaciens) will be used to promote a healthier root system by consuming dead organic matter, and improve nutrient uptake by producing high levels of beneficial digestive enzymes.
The HVAC system will be equipped with a HEPA filter to exclude pollens, molds and other contaminating particulates from the air entering our Facility. Carbon Dioxide is the only gas we will be manufacturing and using on site. Carbon Dioxide enrichment will be maintained at 1,000-1,200ppm via Green Air Products® IR-42-MF CO2 Generators controlled by a SPC-2 Set Point Controllers and fueled with remotely stored LP gas. The CO2 enrichment for the Grow Rooms is via a low mounted, passive vent and a high mounted, photo cell controlled 16" attic fan blowing back into the bud room. Additionally, we may use bottled CO2 in the packaging process of our products as a preservative.
Other chemicals used in our facility would be used for pest management (as stated previously) and sanitation purposes. Physan 20™ Greenhouse Disinfectant will be used to disinfect and sanitize the hydroponic systems between crops. Physan 20™ is a broad range disinfectant, fungicide, virucide (E-coli), and algaecide which will control a wide variety of pathogens on hard surfaces and is safe for plants (seeds & bulbs can be dipped before planting to stop damping off.) For all other general cleaning chores, Simple Green Pro 3® will be used; this product is a disinfectant, virucide (E-coli) and fungicide cleaning agent suitable for use in hospitals and food service areas.

AMCO
APR 29 2022

CANNABIS INFORMATION:

Strain: (ie - purple haze, northern lights)

Weight: g (oz) (not including shipping container)

Total THC in product: mg

CANNABINOID PROFILE:

Total THC: %

THCA: %

Total CBD: %

CBDA: %

Other Cannabinoids: (ie - CBN %, CBG %)

Terpenes & Flavonoids: (ie - Limonene %, B-Pinene %)

TOK HARVEST COMPANY

License #: 32613

USED IN CULTIVATION:

Phosphoric Acid, Hormex, J.R. Peters Hydroponic Special, J.R. Peters S.T.E.M., Calcium Nitrate, Superthrive, Silica Blast, Cal-Mag Plus, Flip, Hydroguard, Serenade Garden Biofungicide, Gnatrol WDG

TESTING FACILITY INFORMATION:

Fairbanks Analytical Testing, LLC
1521 Stacia St. Suite A, Fairbanks, Alaska

WARNINGS:

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. Marijuana should not be used by women who are pregnant or breast feeding.For use only by adults twenty-one and older. Keep out of the reach of children.There are health risks associated with consumption of marijuana.

LOT NUMBER:

(ie - 123456789)

EXPIRATION DATE:

(ie - 01/01/2024)