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:	Kasilof River AeroGarden's LLC	**License Number:**	40302		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Kasilof River Aero-Garden's				
Physical Address:	22720 Yukon Rd				
City:	Kasilof	**State:**	AK	**Zip Code:**	99610 - 1042
Designated Licensee:	Brian Ehlers				
Email Address:	brianehlers79@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 Attachment 4.5. (DEC Approved Pesticides) Attachment 4.6. (Fertilizers) RECEIVED JUN 18 2025 Dept. of Commerce AMCO

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

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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:	Kasilof River AeroGarden's LLC	**MJ License #:**	40302		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Kasilof River Aero-Garden's				
Premises Address:	22720 Yukon Road				
City:	Kasilof	**State:**	Alaska	**ZIP:**	99610-1042

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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:

Cannabis facility will contain the following opererations. Mother room, cloning area, vegetation area, flowering room, and processing/drying area. Clones will be taken from mother plants and logged into Metrc per plant count. Once clones have rooted they will be moved into the vegetation area and transfered via Metrc into "vegetation". When plants are 2-3 weeks old they will be moved into flowering area and transfered via Metrc into "flowering". When plants are harvested they will be individually weighed for wet weight, waste, then hung to dry. Once plants are dried to prefered moisture content plants will be processed, additional waste recorded, packaged into curing containers with proper Metrc tags, and stored for future sale. When sold, products with be weighed for specific package weights, vacuum sealed with proper Metrc tags, itinerary, placed in a sealed locked container and delivered by owner, employee, or certified courier.

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;**	BE
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**	BE
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.**	BE

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.	BE

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:

Proposed cultivation facility is surrounded by no less than 250 feet of trees to the nearest road. Facility has no windows.

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

Vegetive and flowering plants with be grown aeroponically. Mother plants will be grown in containers using soil or a soilless medium. Aeroponics will consist of plants being grown in aeroponic tubs fed a nutrient rich solution with roots suspended in the air. Medium used in facility. Water, Clay Pellets, Rockwool, Soil, Coconut Husk Fiber, Peat Moss, Sphagnum Peat Moss, Perlite, Vermiculite.

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:

See attachment 4.5. (DEC Approved Pesticides)

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

Fertilizer and nutrient delivery system consists of water with the proper nutrients being held in a 100 gallon reservoir under the plants. At regular intervals this reservoir is utilized to deliver this nutrient rich water to the plant roots in a sealed container. The water is allowed to drain back to the reservoir where it will be reused. The reservoir water will be changed every 1-2 weeks.

Co2 enrichment will NOT be used. Fresh air intakes with activated carbon filtered exhaust.

See attachment 4.5. (DEC Approved Pesticides)
See attachment 4.6. (Fertilizers)

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

Irrigation will consist of water with the proper nutrients being held in 100 gallon reservoirs under the plants. At regular intervals this reservoir is utilized to deliver this water to the plants roots in a sealed container. The water is allowed to drain back to the reservoir where it will be reused. The reservoir water will be changed every 1-2 weeks. Waste water will be used in landscaping/irrigation or ran through a Reverse Osmosis filtration system and reused.

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:

Stems and leaves will be mixed with natural bio-waste including but not limited to, grass clippings, leaves, sticks and dirt, and allowed to compost at the southeast corner of the building. Or the stems and leaves will be mixed with a non compostable materials like plastics, paper, tin, and household disposable items in a 55 gallon trash bag. When the bag is full it will be mixed with bleach rendering it unusable and taken to the Soldotna landfill. The depleted water will be either disposed of in landscaping/irrigation or ran through a Reverse Osmosis filtration system and reused.

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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:

Proposed facility will use fresh air intakes with activated cabron filters mounted on each of the exhaust fans. A negative pressure inside the building should ensure that all air leaving the building goes through the filtered exhaust fans.

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.	BE
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.	BE

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

Once plants are mature random samples will be taken, processed, dried to specific moisture content, packaged and sent to a testing facility of our choosing.

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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:

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:

Cannabis will be sold in either 1/2 or 1 lb packages. Vacuum sealed with product weight, total package weights, and Metrc tag. Package may contain product description information of strain for future retail use.

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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:

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. BE

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. BE

Brian Ehlers
Printed name of licensee

Signature of licensee

MATTHEW C. SMITH NOTARY PUBLIC STATE OF ALASKA

License # 40302

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Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

(Additional Space as Needed):

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Attachment 4.5. (DEC Approved Pesticides)

LIST OF PESTICIDES THAT MEET ALASKA CRITERIA FOR USE ON CANNABIS

(additional products not listed may meet criteria)

Product Name	EPA Registration Number	WPS required*
AXIOM PLANT GROWTH STIMULATOR	71771-3-89112	x
AZAGUARD	70299-17	x
AZAMAX	71908-1-81268	X
AZASOL	81899-4-74578	x
BIOBIT HP BIOLOGICAL INSECTICIDE WETTABLE POWDER	73049-54	x
BONIDE DIATOMACEOUS EARTH CRAWLING INSECT KILLER	73729-1-4	x
BOTANIGARD 22WP	82074-2	X
BOTANIGARD ES	82074-1	x
ECOZIN PLUS 1.2% ME	5481-559	x
EVERGREEN CROP PROTECTION EC 60-6	1021-1770	x
EVERGREEN PRO 60-6	1021-1770	x
FOSPHITE FUNGICIDE	68573-2	x
GARDEN SAFE NEEM OIL EXTRACT CONC	70051-2-39609	
GRANDEVO CG	84059-27	x
GRANDEVO WDG	84059-27	x
KALIGREEN	11581-2	x
MIRACLE-GRO NATURE'S CARE GARDEN DISEASE CONTROL	67702-1-62355	
MONTEREY HORTICULTURAL OIL	48813-1-54705	x
ORNAZIN 3% EC BOTANICAL INSECTICIDE	5481-476-67690	x
OXIDATE 2.0	70299-12	x
PHOSTROL AGRICULTURAL FUNGICIDE	55146-83	x
PRO-MIX BRK BIOFUNGICIDE + MYCORRHIZAE	74267-4	x
PRO-MIX BRK20 BIOFUNGICIDE + MYCORRHIZAE	74267-4	x
PRO-MIX BX BIOFUNGICIDE + MYCORRHIZAE	74267-4	x
PRO-MIX HP BIOFUNGICIDE + MYCORRHIZAE	74267-4	x
PYRONYL CROP SPRAY	89459-26	x
REGALIA BIOFUNGICIDE	84059-3	x
REGALIA CG	84059-3	x
ROOTSHIELD GRANULES	68539-3	x
SERENADE ASO	264-1152	x
SERENADE GARDEN DISEASE CONTROL CONCENTRATE	264-1152	x
SERENADE GARDEN DISEASE CONTROL READY TO SPRAY	264-1152	x
SERENADE OPTI	264-1160	x
SUNSPRAY ULTRA-FINE SPRAY OIL	86330-11	x
TERSUS INSECTICIDE	1021-2616	x
TRIACT 70	70051-2-59807	x
TRIATHLON BA	70051-107-59807	x
VENERATE CG	84059-14	x
VENERATE XC BIOINSECTICIDE	84059-14	x
ZEROTOL 2.0	70299-12	x
ZONIX BIOFUNGICIDE	72431-1	x

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LIST OF PESTICIDES THAT MEET ALASKA CRITERIA FOR USE ON CANNABIS

(additional products not listed may meet criteria)

Product Name	EPA Registration Number	WPS required*
ZONIX BIOFUNGICIDE	72431-1-1839	x

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Attachment 4.6. (Fertilizers)

Fertilizers to be used:

Cloning (to be used only during cloning process)
Hormex Liquid Concentrate (contains; 1-Napthaleneacetic Acid, Indole-3-Butyric Acid (IBA), Vitamin B1 Thiamin Hydrochloride), Hormex Rooting powder (contains Indole-3-Butyric Acid (IBA), Talc, Dip 'N Grow Liquid Concentrate (contains; 1-Napthaleneacetic Acid, Indole-3-Butyric Acid (IBA), Ethyl Alcohol, Isopropyl Alcohol), Clonex Rooting Gel (contains: Indolebutyric Acid), "Willow Water" Weeping Willow (Salix Babylonica) contains; Natural Plant Hormones (Indolebutyric Acid (IBA), Salicylic Acid)). Dip 'N Grow (contains; Indole-3-Butyric Acid (IBA), 1-Napthaleneacetic Acid, Ethyl Alcohol, Isopropyl Alcohol).

Vegetation & weeks 1 & 2 of flower (used only during plant vegetation and weeks 1 and 2 of flower):
Superthrive Plant Vitamin (contains; Kelp , Vitamin B1 Thiamin Hydrochloride), Extreme Blend (contains; Soluble Kelp, Humic Acid, Fulvic Acid, L Amino Acids), Magic Green (contains; Soluble Kelp, Soy Protein Hydrolysate, Molassas)

Synthetic (to be used during all stages of growth)
J R Peters Professional 5-12-26 / 5-11-26 (contains; Potassium Nitrate Containing up to 5% Sodium Nitrate), Magnesium Sulfate, Mono-potasium Phosphate, Boric Acid, Copper EDTA, Zinc EDTA, Iron EDTA), General Hydroponics "Kool Bloom" Powder (contains; Ammonium Phosphate, Ammonium Sulphate, Magnesium Sulphate, Potassium Phosphate, Potassium Sulphate), General hydroponics "MaxiBloom / MaxiGro" (contains; Ammonium Molybdate, Ammonium Nitrate, Calcium Nitrate, Calcium Sulphate, Copper Sulphate, Iron DTPA, Iron EDTA, Magnesium Sulphate, Manganese Sulphate, Potassium Borate, Potassium Nitrate, Potassium Phosphate, Potassium Sulphate, Zinc Sulphate), Calcium Nitrate, Potassium Nitrate (Low Sodium US approved), Magnesium Sulphate (Epsom Salts), Mono-potassium Phosphate (MPK), Sulfuric Acid (pH Down), Nitric Acid (pH Down), Pekacid (pH Down), Phosphoric Acid (pH Up), Citric Acid (pH Down), Potassium Hydroxide (pH Up), Calcium Carbonate (pH Up), Calcium Bicarbonate (pH Up).

Organic (to be used during all stages of growth)
Rock Phosphate, Bone Meal, Fish Bone Meal, Dolomite Lime, Oyster Shell, Crab Meal, Blood Meal, Alfalfa Meal, Green Sand, Azomite (micro nutrients), High Phosphorous Bat Guano, Peruvian Seabird Guano, Earth Worm Castings, Brewers Yeast, Pond Care Pond-zyme (contains; Wheat Bran, Barely Straw, Bacterial Spores (non-pathogenic), Organic Digest-er (contains Natural Bacterial Enzyme), Fulvic Acid, Humic Acid, Molasses Powder, Liquid Molasses, Kelp Extract (liquid and powder), Kelp Meal, Langbeinite (K-mag), Soy Protein Hydrolysate, Fish Protein Hydrolysate, Sulphate of Potash, Endo/Ecto Mycorrhizea (liquid and powder), Mycorrhizea + Trichoderma powder, Diatomaceous Earth, Compost.

Pesticides and Fungicides (to be used only in the stages noted in attached appendices)

See attachment 4.5. (DEC Approved Pesticides)

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