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:	RYAN K HALL	**License Number:**	11649		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	K BEACH REEF				
Physical Address:	42106 K Beach Rd				
City:	Soldotna	**State:**	AK	**Zip Code:**	99669
Designated Licensee:	RYAN K HALL				
Email Address:	ryankhall@yahoo.com				

Section 2 – Attached Items

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

Attached Items:	MJ-04

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

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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 the **Marijuana Establishment Operating Plan (Form MJ-01)**, 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 those 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
- Odor control
- Testing procedure and protocols
- Security

This form must be submitted to AMCO's main office before any marijuana cultivation facility license application will be considered complete.

Section 1 – Establishment Information

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

Licensee:	RYAN K HALL	**License Number:**	11649		
License Type:	STANDARD MARIJUANA CULTIVATION FACILITY				
Doing Business As:	K BEACH REEF				
Premises Address:	42106 K BEACH RD.				
City:	SOLDOTNA	**State:**	ALASKA	**ZIP:**	99669

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Section 2 – Prohibitions

Applicants should review 3 AAC 306.405 – 3 AAC 306.410 and be able to answer "Agree" to all items below.

The marijuana cultivation facility will not:	Agree	Disagree
Sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation	☒	☐
Allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on its licenses premises or within 20 feet of the exterior of any building or outdoor cultivation facility	☒	☐
Treat or otherwise adulterate marijuna with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana	☒	☐

Section 3 – Cultivation Plan

Review the requirements under 3 AAC 306.420, and identify how the proposed premises will meet the listed requirements.

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 area designated for vegetative growth is 12.5'x16' totaling 200ftsq.
The area designated for flowering is 32'x16' totaling 512ftsq.
This is all indoor and under restricted access.
K Beach Reef is a smaller grow operation consisting of only 712 square feet of total cultivation area. The vegetative growing area is intended for the use of propagating, cloning and mothering small marijuana plants. This area is in the facility's restricted access area. The larger flowering area consist of two rooms that are separated by a dividing wall with open access between the two flowering rooms. This area is 512 square feet and is also in the facility's restricted access area.

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

We are going to be growing in coco coir. A natural product derived from coconut husks. Coir fibres are found between the hard, internal shell and the outer coat of a coconut. The individual fibre cells are narrow and hollow, with thick walls made of cellulose. Coir, is made from coconut husks, which are byproducts of other industries that use coconuts.

Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used:

We will be using Advanced Nutrients Coco line for our fertilizer.
We will be using fresh air pulled into the rooms for cooling and oxygen exchange.
Advanced nutrients are specifically designed for plant growth. The coco line from AN are modified for use with coco as it is iron deficient and high in potassium levels. These lines are also able to stabilize and control the PH levels of the water reducing the need for excess PH modifiers. We will only be mixing what water that can be immediately used that day. This will help us achieve a more efficient zero-runoff watering method.

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

We will be irrigating with a water reservoir that is piped throughout the grow areas. The watering will be monitored and zero-runoff will be achieved creating no water waste. Any excess water will evaporate into the air.
We will be watering our crop daily while feeding them with advanced nutrients coco lines for maximum growth. K Beach Reef has a tank res that is used to mix up the desired amount of water and nutrients. This res tank is fixed with a submersible water pump that is plumbed to an irrigation system throughout the facility. This system is operated manually and will not be automated to ensure that each plant is watered efficiently. The plants will be growing on slanted tables to ensure that any undesired runoff can be captured with a water gutter and then recycled back to the res tank for future irrigation.

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Describe the marijuana cultivation facility's waste disposal arrangements:

We will be mulching and storing solid waste in plastic garbage cans until it can be hauled to the dump. This solid waste mulch will render the product useless, non-hazardous and is biodegradable.
We will use the marijuana inventory tracking system required to give the board notice not later than three days before making the waste unusable and disposing of it at the Borough landfill; and keep a record of the final destination of marijuana waste made unusable.
Water will be added to this mix to enhance mix-ability and to help promote degradationof the plant waste. This mixed material may be delivered to a permitted solid waste facility, incinerator, or other facility with approval of any applicable local government entity.

Section 4 – Odor Control

Review the requirements under 3 AAC 306.430, and identify how the proposed premises will meet the listed requirement.

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:

Each area under cultivation will have carbon filtering air scrubbers that will be operating all of the time to control the odor.
K Beach Reef is an indoor cultivation facility. All of our growing will be out of view to the general public inside of closed rooms. These growing areas have restricted access and the air will be constantly circulated through two 4 ft carbon air filters that are able to filter the air with two 8 inch hurricane fans. The cubic feet per hour of air exchange is twice that of my growing areas square footage. These growing rooms are in restricted access areas that create another layer of protection from odor reaching outside of the building.

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Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the item below.

I understand and agree that:	Agree	Disagree
The board will or the director shall 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	☒	☐

Describe the testing procedure and protocols the marijuana cultivation facility will follow:

The facility will aide and assist the marijuana control board as needed during any inspection. The facility will comply with the standards of testing set forth by the marijuana control board.
Our marijuana cultivation facility will use registered scales that are in compliance with regulation. Our marijuana cultivation facility will provide a sample of each harvest batch of marijuana produced at the facility to a marijuana testing facility and will not sell or transport any marijuana until all laboratory testing has been completed.
We will then collect a random, homogenous sample for testing by segregating harvested marijuana into batches of individual strains of bud and flower, then select a random sample from each batch in an amount required by the marijuana testing facility for the required testing. The sample will be selected by a designated person that will prepare a written and signed statement for the test facility stating that the sample is random. The sample will be transported to the test facility and the batch that it came from will be segregated and stored until the results come in. This entire procedure will be documented in writing, recorded and filed with our business records.

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Section 6 – Security

Review the requirements under 3 AAC 306.430 and 3 AAC 306.470 – 3 AAC 306.475, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the two items below.

The marijuana cultivation facility applicant has:	Agree	Disagree
Read and understands and agrees to the packaging of marijuana requirements under 3 AAC 306.470	◉	○
Read and understands and agrees to the labeling of marijuana requirements under 3 AAC 306.475	◉	○

Restricted Access Area (3 AAC 306.430):	Yes	No
Will the marijuana cultivation facility include outdoor production?	○	◉

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground fully enclosed by a physical barrier:

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Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility cannot be observed by the public from outside the facility:

Our cultivation facility is completely indoors and there are no windows into our production areas.

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 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 perjury that I have examined this form, including all accompanying schedules and statements, and to the best of my knowledge and belief find it to be true, correct, and complete.

Signature of licensee

Ryan K Hall
Printed name

Subscribed and sworn to before me this 30th day of December, 2016.

OFFICIAL SEAL
Brion M. Havrilla
Notary Public - State of Alaska

Notary Public in and for the State of Alaska.

My commission expires: 09-18-18

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(Additional Space as Needed):