Alcohol and 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

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:	Sean P Tower	**License Number:**	12022		
License Type:	Limited Cultivation Facility				
Doing Business As:	Rosebuds Cultivation				
Premises Address:	3361 W Machen Rd				
City:	Wasilla	**State:**	ALASKA	**ZIP:**	99623

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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 total space of the flowering room is 26'x22' , 624 sq ft ,The square footage with in this room that will be used for cultivation will be 240 sq ft. 9 tables in a grid will be used that are 4'x6' with 3' spacing from the outer walls and 2' spacing in-between tables. Total square footage of actual cultivation in this room will be 216'.

The vegetation room is 14'x7'4" (102.67 sq. ft.). eight 2'x8' tables in a shelf fashion will be used for clones that will be grown ~2-1/2' tall with T-5 lighting before being transfered to the flowering room. Mother plants with also be within the room in flowering pots on the floor of the vegetation room.

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

A variety of natural potting soils,coconut fiber,coconut chips,Rockwool,Perlite or vermiculite and or a combination of listed mediums. All products can be purchased at most if not all gardening supply retail stores.

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

Vegetative A and B used during vegetative stage which is nitrogen rich for vegetative development. Flowering A and B used during flower stage which is phosphorus and potassium rich for flower development. Rhizotonic for root development during vegetative and flowering states. Canazym used for development during vegetative and flowering states. Boost to increase flowering development. PH down to control Ph levels. Cal-mag for over all plant heath.
Various brands of nutrients and different additives with the same characteristics may be used if deemed necessary for plant life and health and will be entered into the METRC.
A hydroponic system will be use to deliver nutrients and water to each plant within the system.
Co2 furnace: A natural gas furnace promotes over all health and plant yield. A meter will be used to measure the Co2 levels at a level of 1500ppm.

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

Hydroponic system: Water and nutrients are pumped from a holding tank to the plants then the water and nutrients are drained through the flowering pots on to a sealed grow table then water and nutrients are gravity flowed back to the holding tank. Water pump is set on a timer to give the plants the necessary water and nutrients on a set schedule. Waste water will be recycled for beneficial reuse.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Three can method: One can will be for grind stems and stalks and shade leaves into with a plant shredder,second can will have saw dust and shredded paper, then the third can will be for combing the ground plant waste with the sawdust paper mixture in a 50/50 mix. Then waste will be transport to the dump in a company or employee vehicle.

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:

Three large Carbon filters and three 8" circulating fans connected to the filters will be used. Inside air and order will be purged through the filters circulated with the fans though sealed ventilation hoses into grow light hoods then out of hoods and then connected to one final Large carbon filter and circulating fan with sealed ventilation hoses, then odor free air will then be circulated out with sealed ventilation hose out a roof top vent of the facility. also parts of the facility will also be sealed and lined with heat resistant reflective wall paper. this method also reduces heat and humidity which also reduces odor.

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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:

Each strain as it is harvested and cured will have samples tested as required before transport or sale. Samples will be taken to a local certified and licensed testing facility as per 3 AAC 306.455. Tracking/material transfer data sheets/receipts etc. Will be tracked and kept on record.
If samples passes harvested flowers with be vacuumed sealed and labeled in compliance with the METRC tracking System. Growing medium, fertilizer, water samples and plant material etc. will be tested by a certified and licensed testing facility and provided upon request for any random testing required .

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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:

Grow rooms have double door entry and no exposed windows. They are sealed to prevent light leaks. Outer doors are armed with breech alarms locked. Signs will be posted stating restricted access on outer doors.

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.

Sean Tower
Signature of licensee

Sean Tower
Printed name

Subscribed and sworn to before me this 23rd day of Feb, 2017.

Notary Public
GINA SMYTH
State of Alaska
My Commission Expires August 1, 2018

Gina Smyth
Notary Public in and for the State of Alaska.

My commission expires: 08-01-18

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(Additional Space as Needed):