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

Form MJ-15: Operating Plan Change

What is this form?

This operating plan change form is required for all marijuana establishment licensees seeking to change a licensed marijuana establishment's existing operating plan, under 3 AAC 306.100. With this form, a licensee may request changes to as much or as little as desired of Form MJ-01 and/or the corresponding operating plan supplemental for the establishment's license type. **The required $250 change fee may be made by credit card online (VISA, MasterCard, or Discover), or by check or money order.**

Please download, complete, and submit with this form **only the pages** of Form MJ-01 and/or the corresponding operating plan supplemental that contain sections that you are requesting to change. All fields that are left blank will be considered unchanged from the existing operating plan. All fields that are completed and submitted with this form will be considered as changes to the existing operating plan and are subject to board approval. **Please do not submit any wholly unchanged pages of an operating plan.**

The form(s) that I am requesting board approval to change is:

- ☐ **Form MJ-01:** Marijuana Establishment Operating Plan
- ☐ **Form MJ-03:** Retail Marijuana Store Operating Plan Supplemental
- ☒ **Form MJ-04:** Marijuana Cultivation Facility Operating Plan Supplemental
- ☐ **Form MJ-05:** Marijuana Product Manufacturing Facility Operating Plan Supplemental
- ☐ **Form MJ-06:** Marijuana Testing Facility Operating Plan Supplemental

This form must be completed and submitted to AMCO's main office prior to changing existing operations. The licensed establishment's operations may not be altered unless and until the Marijuana Control Board has approved of the changes. Please note that licensees seeking to change operating plans for multiple licenses must submit a separate completed copy of this form for each license.

Section 1 – Establishment Information

Enter information for the licensed establishment.

Licensee:	Alaskan Blooms, LLC	**License Number:**	10073		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	ALASKAN BLOOMS, LLC				
Premises Address:	2448 Arvilla St.				
City:	Fairbanks	**State:**	AK	**ZIP:**	99709

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As a marijuana establishment licensee, I declare under penalty of unsworn falsification that I have examined this form, including all accompanying documents, schedules, and statements, and to the best of my knowledge and belief find them to be true, correct, and complete.

G Bloom
Signature of licensee

Gene Bloom
Printed name

Subscribed and sworn to before me this 29th day of November, 2016.

Susan R LaVanway
Notary Public in and for the State of Alaska.

My commission expires: May 16, 2017

SUSAN R LAVANWAY
Notary Public, State of Alaska
Commission # 1305104
My Commission Expires
May 16, 2017

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Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

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:

Mother Room: 400 sq.ft. 25-50 plants
Veg Room= 1000 sq. ft. with 2550 plants in various stages of veg. (700 clone, 700 in 4" re-pot, 600 in 6" re-pot, 550 in last re-pot before bloom begins).
Bloom Rooms are 530 sq. ft x 3 = 1591 sq ft.
Total cultivation area is approximately 3000 sq ft.

Bloom room identified as Building B is all Blooming area and equals = 2660 sq. ft.

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Form MJ-04: Marijuana Cultivation Facility

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

Alaskan Blooms will be using soil as our grow medium and method. We use all non-toxic, organic soil and soil amenities including plant food, mold/mildew control, and pesticide control. The soil is a superior coconut-based planting mix. With Vital Earth's® Coconut Pith, the holding capacity of the extra-long strands of burgundy extra-low saline content coconut coir, creates a viable water-to-air ratio. We use these products from seedling to harvest. The AlgaeMix is a 100% organic algae-extract composed of the brown deep sea-algae. This bio-organic fertilizer is also be used as foliar feed. AlgaeMix stimulates an optimal root development, heals and prevents mineral deficiencies and effectively controls and protects from diseases. The product also regulates the absorption of other nutrients.

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

We use all non-toxic, organic soil and soil amenities including plant food, mold/mildew control, and pesticide control. The brand is Bio Nova will use Bio Nova exclusively for nutrients and SNS 209 Systemic Insect Control for pest control. The products are not pesticides in the chemical sense, but rather an organic alternative that uses of herbs such as rosemary and lavender (Safety Data Report available on request of AMCO). The facility will utilize CO2 to increase production. Alaskan Blooms will enrich all plant rooms with CO2, maintaining levels between 1500-2000 parts per million, with audible and visual alarming systems that will trigger should CO2 concentrations elevated to dangerous levels.

Building B will have no CO^2 enrichment

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

All plants will be watered by hand to ensure each plant receives no more, or no less, water than needed on a daily basis. Based on previous implementations of this cultivation methodology, Alaskan Blooms expects to use roughly 375 gallons of water a day in watering all plants. Water will be filtered through a double filtration system from Urban Ag. Along with filtering source water for plant feeding, this filtration setup will be used to filter waste runoff water occurring from feeding. Water will be stored in a 2500 gallon tank, and filtered prior to being delivered to the cannabis plants. Delivery to the plants will be done by hand to ensure consistency and increase efficiency. The water used on the cannabis plants will be mostly absorbed by the plant itself, any runoff water will be captured in trays upon which the plants will sit in during the entire cultivation process. All runoff water will be captured by the trays and none of the runoff water will reach the floor, which will negate any possibility of runoff non-domestic water entering into the domestic wastewater drain infrastructure. Instead, the runoff water from the cannabis plants will be captured by the trays and then transferred completely back into the tank and be filtered and then 100% recycled by means of the water being pumped back into the water filtration system which will essentially circulates the wastewater from the plant trays, back to a 2500 gal tank that is kept inside the facility and used only for the controlled use of watering the cannabis plants, recapturing runoff water, and reusing 100% of the same for the same limited and controlled purpose. The water is purified and then sent back to the watering tanks and filled again as needed. All water is contained, filtered, purified, and recycled inside of the tanks/filtration system.

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Operating Plan Supplemental
Form MJ-04: Marijuana Cultivation Facility

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:

The facility will be outfitted with reinforced security walls to separate all public areas of the premises from all cultivation areas, marijuana processing and storage areas, and restricted access areas. No individuals will be permitted on the premises without checking in with and being escorted by an authorized employee. No marijuana, marijuana product, or marijuana plants will be visible from any window or door that opens to the general public. All movement, transport, or otherwise ingress or egress of marijuana products will be discrete, utilizing the designated loading platform. All marijuana products will be securely packaged, labeled, and organized for transport within the facility before being moved out of the buildings.

Any marijuana transported from any other part of the site to or from Building B will be transported in an opeque container. Shielding it from any potential viewing from any right of way.

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

Vine Bloom
Printed name

Subscribed and sworn to before me this 23rd day of May, 2016.

SUSAN R LAVANWAY
Notary Public, State of Alaska
Commission # 1305104
My Commission Expires
May 16, 2017

Notary Public in and for the State of Alaska.

My commission expires: May 16, 2017