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:	SFA LLC	**License Number:**	10922		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Sparkle Farms Alaska				
Premises Address:	218 Kelly Drive				
City:	Ketchikan	**State:**	ALASKA	**ZIP:**	99901

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

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 Nursery will be housed in a mobile building of dimensions 8' x 20'. While only a portion of the building will be utilized for seed and clone cultivation, in order to assure full use the entire structure will be configured as a planted area. 160 square feet

High tunnel #1 has a raised bed 5' x 16' that will cultivate plants to maturity. 80 square feet

High tunnel #2 has a raised bed 2' x 15' that will cultivate plants to maturity. 30 square feet.

High tunnel #3 has a raised bed 2' x 15' that will cultivate plants to maturity. 30 square feet.

An exterior raised bed is 4' x 8' that will cultivate plants to maturity. 32 square feet.

Total area under cultivation: 332 square feet.

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

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

Sparkle Farms will grow in soil. The soil will be soil we made ourselves over the past years using chicken manure and garden refuse, amended with commercial soil products available at the hardware store.

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

On an annual basis I will amend the soil in the existing raised beds with fresh material from the compost pile. Periodically during the growing season I will use commercial fertilizer products, such as Fox Farm or Miracle Grow products.

I do not intend to use CO2 while growing inside the high tunnels to stimulate growth.

In the nursery I may include the use of CO2 to encourage smaller plants. The CO2 is available commercially at a local welding supply store. I have an electronic computer that will elevate the levels periodically to 1500ppm. A perforated hose will deliver the gas to the plants.

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

The raised beds in the high tunnels will be watered by hand. Water is collected from roofs of adjacent structures. No runoff water is anticipated. However if any should escape the raised beds it will be directed to a drain field for percolation.

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

Describe the marijuana cultivation facility's waste disposal arrangements:

Ordinary garbage is taken to the dump.

Waste marijuana plant materials will be ground to pulp and mixed together with coffee grounds and other ordinary garden waste products. This material will be put in the compost pile.

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:

My farm is directly next to a sawmill, wood pellet mill, and incinerator in the Heavy Industrial zone. I mean to say the high tunnel is about 30 feet from the sawmill. We commonly have odor from the sawmill, the smell of fresh cut timbers and dust.

I don't expect there to be any problems associated with the odor from the farm. However, a carbon filter will be mounted at the exhaust vent in the high tunnel to screen air and odors emanating from the high tunnel area.

There are no residential neighbors within odor range of the high tunnels. No person may reside on Heavy Industrial property in Ketchikan save for a permitted watchman quarters.

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

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:

1. The Master Gardener will obtain random samples from a certain batch of plants. A standard sample batch is 4 grams of marijuana. The sample will be placed in an airtight container or vacuum pack, then sealed and labeled. Several samples may be collected to assure a fair submission.

2. The samples will be mailed return receipt requested to the testing facility. Several are available and I have established a working relationship with them, including Canntest in Anchorage.

3. If the sample is considered safe, then the plants will be harvested, dried, and cured. Once the curing is complete, the marijuana product can be packaged and labeled for sale.

4. If the sample is not considered safe, the plants that have failed will be ground to pulp, mixed with other plant materials from the garden, and placed in the compost pile.

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

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:

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

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 high tunnels are located on a cul-de-sac at the end of the road. They are about 100' from the road on private property. The property is clearly marked with "No Trespassing" signs.

There is very little foot traffic in this area. It is Heavy Industrial zoned. Neighboring properties utilize the area for heavy equipment storage, an automobile recycling facility, and the sawmill and pellet mill.

A fence is placed around the high tunnels and the tunnels themselves are opaque.

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

Christopher J. Wilhelm

Printed name

Subscribed and sworn to before me this 8th day of November, 2016.

Official Seal
Elizabeth M. Martinez
Notary Public-State of Alaska
My Comm. Expires
Jan 28, 2019

Elizabeth M. Martinez
Notary Public in and for the State of Alaska.

My commission expires: Jan 28, 2019