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:	FRISSON FARMS, LLC.	**License Number:**	12616		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	FRISSON FARMS LLC.				
Premises Address:	5060 HAYSTACK DRIVE				
City:	Fairbanks	**State:**	ALASKA	**ZIP:**	99712

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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 overall space of the building is 1,080 (20' X 54') approximate square feet. This area consists of the following compartmentalization's:

- Cultivation room nr.1 for the blooming phase of the plant: 120 square feet of which 32 sq. ft. will be used for cultivation on table(4' x 8') at this time expandable up to 120 square feet. See Mj-02 form filed.
- Cultivation room nr.2 for the blooming phase of the plant: 120 square feet of which 32 sq. ft. will be used for cultivation on table (4' x 8') at this time expandable up to 120 square feet. Flawless Finish;
- Propagation room nr. 3 for the vegetative phase of the plant: 120 square feet of which 32 sq. ft. will be used for vegetation on table (4' x 8') at this time expandable up to 120 square feet. Flawless Finish;
- Propagation room nr. 4 the mother plants and clones: 120 square feet of which 32 sq. ft. will be used for cultivation on tables (4' x 8') at this time expandable up to 120 square feet. Flawless Finish;
- Drying and curing room for the drying and curing of the plant material: 560 square feet (28' x 20").

The following rooms are under cultivation:
- Cultivation room nr.1 for the blooming phase of the plant: 120 square feet of which 32 sq. ft. will be used for cultivation on table(4' x 8')
- Cultivation room nr.2 for the blooming phase of the plant: 120 square feet of which 32 sq. ft. will be used for cultivation on table (4' x 8')
- Propagation room nr. 3 for the vegetative phase of the plant: 120 square feet of which 32 sq. ft. will be used for vegetation on table (4' x 8')
- Propagation room nr. 4 the mother plants and clones: 120 square feet of which 32 sq. ft. will be used for cultivation on tables (4' x 8')
- Drying and curing room for the drying and curing of the plant material: 560 square feet (28' x 20")

Total under Cultivation 128 square feet at this time up to a total of 480 square feet or 120 square feet in each of the four designated rooms.
Drying and curing room of the plant material: 560 square feet total.

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

The hydroponic system will consist of the following growing mediums:

Grow It/Plant It: Clay pebbles: See attached MSDS for this product.

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

-CO2:
Will be utilized within the standard marijuana cultivation facility.
Carbon dioxide management: The Carbon dioxide will be stored in 50 pound tanks, secured to the wall, in each of the four cultivation room. There will be an active air C02 system with timer directly mounted on the thanks. The gas will be delivered and regulated by an 8-ton Data Aire Gpod unit (or similar unit) that monitors and controls the CO2 ppm levels across the grow rooms. C02 ppm levels will not be over 1200 ppm at all times. All CO2 will be in compliance with all local and state fire and safety codes.
-Fertilizers:
pH Perfect Grow: 1% total nitrogen, 1% nitrate nitrogen, soluble potash 4%.
Bud Candy:Magnesium .5%, .5% water soluble magnesium, derived from magnesium nitrate.
PH Perfect Micro: Total nitrogen 2%, 2% nitrate nitrogen, calcium 2.4%, magnesium .1%, .1% water soluble magnesium, boron .02%, iron .05%, .05% chelated iron, manganese .02%, .02% chelated manganese.
Flawless Finish:Magnesium .97%, .47% other soluble water magnesium, .5% charcoal magnesium, sulfer 1.3%, 1.3% combined sulfer, derived form magnesium EDTA and magnesium sulfate.
pH Perfect Bloom: Total nitrogen 1%, .05% amoniated nitrogen, .4% nitrate nitrogen, .55% urea nitrogen, available phosphate 3%, soluble potash 4%, sulfer .2% and .2% combined sulfer.
B Vitamin Supplement: Total nitrogen 2%, 1.5 % other water soluble nitrogen, .5% nitrate nitrogen, available phosphate 1%, soluble potash 4%, .18% vitamin B1, .007% Vitamin B2, .05% Vitamin B3, .03% vitamin B5, .03% vitamin B6.

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

Each of the 4 grow rooms will contain a 45 gallon reservoir which will water the plants automatically from drip style emitters fed via an electric water pump. No hand watering will occur. Each grow table is 4' x 8' in each of the four grow rooms and has a catchment for each table to catch any potential overflow or loss of water that could occur.

At the end of the grow cycle, the used water will be collected and disposed of either in the Fairbanks landfill hazardous collection site (as we produce less than 400 gallons per month of water to dispose of, they will accept it for disposal.) Used water may also be disposed of via the commercial septic system in place at the licensed facility.

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Describe the marijuana cultivation facility's waste disposal arrangements:

All marijuana waste will be mixed and mulched with household garbage consisting of paper and food products in a 50/50% ratio and made unusable. Once this is done, the mulched material will be reused again in home gardens etc. or the local landfill in Fairbanks, AK. is also willing to take the mulched product once the material has been rendered unusable per statute. Undersigned is aware of the three day notice requirement to AMCO that must be complied with as well prior to rendering the marijuana unusable.

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:

Commercial charcoal cannister filters appropriate for the size of the facility in operation 1,080 sq. ft. will be used to ensure no odor is detectable at all by members of the public from outside the facility. All filters will be changed at manufacturers directive to ensure clean air filtration as required by statute.

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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:

1. Upon notification that the board or director requires samples for random compliance checks of the proposed facility, a licensee or employee of the proposed facility will notify an independent testing laboratory (of the state's choice if applicable) and arrangements made through METRC for the licensee, employee or agent of the licensed facility to collect and deliver the required samples to the licensed testing facility. Currently, a testing facility may not pick up samples from the cultivator. This way a chain of custody is established, and the possibility of unintentional contamination due to improper sample collection practices is minimized.

2. All marijuana product batches will be tested for a battery of state required impurities and/or contaminants by a state licensed lab in accordance with 3 AAC 306.455. The facility will collect and segregate random samples from the homogenous batches of individual strains of bud or flower in the amount required by the selected licensed testing facility.
(a) A marijuana cultivation facility shall provide a sample of each harvest batch of marijuana produced at the facility to a marijuana testing facility and may not sell or transport any marijuana until all laboratory testing required under 3 AAC 306.645 has been completed.
(b) To comply with (a) of this section, a marijuana cultivation facility shall
(1) collect a random, homogenous sample for testing by segregating harvested marijuana into batches of individual strains of bud and flower, then selecting a random sample from each batch in an amount required by the marijuana testing facility;
(2) designate an individual responsible for collecting each sample; that individual shall
(A) prepare a signed statement showing that each sample has been randomly selected for testing;
(B) provide the signed statement to the marijuana testing facility; and
(C) maintain a copy as a business record under 3 AAC 306.755; and
(3) transport the sample to the marijuana testing facility's licensed premises in compliance with 3 AAC 306.750.
(c) A marijuana cultivation facility shall segregate the entire batch from which the testing sample was selected until the marijuana testing facility reports the results from its tests. During this period of segregation, the marijuana cultivation facility that provided the sample shall maintain the batch in a secure, cool, and dry location to prevent the marijuana from becoming contaminated or losing its efficacy. The marijuana cultivation facility that provided the sample may not sell or transport any marijuana from the segregated batch until the marijuana testing facility has completed its testing and provided those results, in writing, to the marijuana cultivation facility that provided the sample. The marijuana cultivation facility shall maintain the testing results as part of its business books and records.

We will further select homogeneous samples from our cultivation facility for random testing during our growing cycles in order to ensure the highest of quality of standards.

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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:

N/A: No outdoor production will occur.

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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:

The proposed facility is designed to be a completely indoor growing cultivation facility. There will be no direct outside access from the designated growing area. No marijuana will ever be visible to the public. There are also no windows within the facility and solid commercial grade metal doors and commercial lock hardware in place.

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.

Daniel W Stewart AK # 7393932
Signature of licensee

Daniel W Stewart
Printed name

Subscribed and sworn to before me this 16 day of June, 2017.

Tim McKay, Notary Public
State of Alaska
My Commission Expires 10/27/2017

Tim McKay
Notary Public in and for the State of Alaska.

My commission expires: _____

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(Additional Space as Needed):

Continued Response:

Page 3, Block 1:

See attached: MSDS: Plant It/Grow it Clay Pebbles: Hydroponic growing medium to be used.

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GMC MSDS: PLANT IT/GROW IT: CLAY PEBBLES

Material Safety Data Sheet

Plant It/Grow It: Clay (all gradings)

1. Identification of the Preparation/Supplier Reference: Trade name: Plant!t Clay Product registration number: No obligation of notification Area of application: All construction, plant production, load compensation etc.
2. Health Hazard Identification: The product does not require classification according to the regulations of the Danish Environmental Protection Agency. The product is not labelled as hazardous.
3. Composition/Information on Ingredients: Exclay 100 %
4. First Aid Measures: Inhalation: Seek fresh air. Rinse mouth and nose with water. Seek medical advice in the case of inhalation of larger quantities and discomfort Skin: Wash the skin with water and soap. Eyes: Rinse the eye thoroughly with water. Do not wear contact lenses during the rinsing. Seek medical advice in the case of persistent irritation. Ingestion: Rinse the mouth with water and drink a little water.
5. Fire Fighting Measures: No special precautions or effort necessary. The product is not flammable.
6. Accidental Release Measures: Limit dust formation in the surroundings. See items 7 and 8.
7. Handling and Storage: Avoid or limit dust formation when working with the product. Suitable soaking may limit the dust formation considerably. There are no special storage requirements. Fire hazard class: See item 5.
8. Exposure Control/Personal Protection: Personal protection: Wear respiratory protective equipment during dust-generating work. Type: P2, P3 or fresh-air supplied. Page 2 of 2
9: Physical and Chemical Properties: Appearance: Brown expanded clay lightweight aggregate. Odor: None.
10. Stability and Reactivity: The product is stable.
11. Toxicological Information: Inhalation: May irritate the respiratory tract. Skin: No contact. Eyes: May irritate the eyes. Ingestion: Not relevant.
12. Ecological Information: The product does not require classification according to the regulations of the Danish Environmental Protection Agency.
13. Disposal Considerations: Can be disposed of as ordinary construction waste. EAK code: 01 04 08.
14. Transport Information: The product is not classified as hazardous.
15. Regulatory Information: The product is not labelled as hazardous. Youths under the age of 18 may not handle this product in a dusty environment (with the exception of apprentices).
16. Other Information: n/a.

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