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:	ACF Ventures, Inc.	**License Number:**	12808		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Tundra Jane				
Premises Address:	2429 E 88th Ave, Suite 300				
City:	Anchorage	**State:**	ALASKA	**ZIP:**	99507

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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 square footage of the cultivation facility is 4,057 sq ft.
There are four flower rooms and one veg room.
Each flower room is 592 sq ft.
The veg room is 511 sq ft.
The total square feet under cultivation is 2,879 sq ft.

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

Tundra Jane will use a variety of growing mediums such as:
-soil
-sphagnum peat moss
-pumice, pearlite
-compost, earthwork castings
-alfalfa, fishbone, crustacean, kelp, feather meal
-basalt
-glacial rock dust
-soft rock phosphate
-oyster shell flour
-neem, karanja cake
-gypsum
-lime, dolomite lime
-potassium sulfate
-coco
-rockwell

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

The only fertilizer Tundra Jane intends to utilize will be compost tea.

Carbon dioxide (CO2) will be monitored and added to the grow rooms during the lighted stages. CO2 levels will be maintained at 600-800 ppm. CO2 monitors will control solenoid valves on the piped CO2 system. Monitors will also report alarm conditions at concentrations above 5000 ppm. These alarms will produce an audible pitch and a strobe as well as dial the monitoring company to report this condition.

The only gas that Tundra Jane will utilize is Carbon Dioxide (CO2) as a plant growth enhancer. We will utilize Air Liquide to supply and install GreenTri or similar CO2 regulating device for monitoring.

Tundra Jane will educate employees to recognize alerts and how to use the CO2 regulating device.

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

Plants growing in soil will be hand watered using gravity fed water lines which do not require a pump and use an elevated reservoir . Some plants will grow via hydroponics. Little to no wastewater is expected and will be collected, filtered and re-used to water plants.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Marijuana waste will be stored away from all other products in a locked container inside the facility, and will be rendered unusable prior to leaving the facility for composting or disposal. Management will maintain a log on the status of all marijuana waste, tracking the type of waste, the date of the disposal, the date it was rendered unusable, and the date that it was picked up by the city solid waste facility. Tundra Jane will be disposing of: (1) marijuana that is identified as contaminated, infected or is otherwise rejected for quality or fails to meet quality testing; (2) all packaging, labeling, containers, or other related materials which arrive at the facility with marijuana that has been disqualified for quality; (3) any other materials or containers in contact with marijuana that risk contamination. Marijuana waste will be rendered unusable (after giving AMCO Enforcement a 3 day notice) by grinding or mixing the materials with other compostable and non-compostable material until the resulting mixture is no more than fifty percent (50%) marijuana waste. The final mixture will be securely stored in locked containers located inside the premises with locks in compliance with the highest UL standards. Marijuana waste will be either composted or disposed of at the city solid waste facility.

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:

The mechanical units will provide a negative pressure system to create an exhaust system which will flow through a carbon filtration process. This system will run throughout the entire cultivation area to eliminate detectable outside odors. The facility will install HVAC/ventilation control units equipped with built in carbon filters.

Our focus is to lessen the impact of inside odors migrating outside and being a good steward to the community. Tundra Jane will apply weekly smell tests to ensure no 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:

All harvested marijuana will be processed into batches of five (5) pounds. A designated agent from the facility will collect a testing sample at random from each batch. The individual responsible for collection will prepare a signed statement attesting that each sample was randomly selected, provide a signed statement to the testing facility, and maintain a copy as a business record. The facility will transport all samples to a licensed testing facility in compliance with the state regulations and the company's transportation policies. The facility will ensure that any individual transporting marijuana has a valid marijuana handler permit issued by AMCO. While awaiting the testing results, the remainder of the batch will be segregated in the secured quarantine area. The facility will maintain all testing results as part of its official business records, and will enter the results in METRC. Tundra Jane will comply with any request from AMCO for a random sample from any growing medium, soil amendment, fertilizer, crop production aid, pesticide, or water and shall bear the expense for all such requests.

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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:

Tundra Jane's cultivation facility has no windows. Additionally, all growing, processing, curing, packaging and labeling activities will take place inside the facility. Any marijuana that is transported to another licensed facility will be packaged in opaque packaging and moved to the transport vehicle in a discreet manner. Any vehicles used by the facility to transport marijuana will be unmarked to give no indication that marijuana is being transported.

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.

M. Swanson
Signature of licensee

Mariam Swanson
Printed name

Subscribed and sworn to before me this 18 day of May, 2017.

CHRISTINA THIBODEAUX
Notary Public
State of Alaska
My Commission Expires Mar 31, 2021

Christina Thibodeaux
Notary Public in and for the State of Alaska.

My commission expires: March 31, 2021

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(Additional Space as Needed):

Label will include all of the following clearly and easily displayed on every product:

Business Name: Tundra Jane
License Number: 12808
Strain:
Batch / Lot Number:
Gross Weight:
Net MJ Weight:
Packaging Date:
Expiration Date:
Amount of THC:

Pesticides:
Fungicides:
Herbicides:
Fertilizers:
Soil Amendments:
Testing Facility: License #:
Testing Results:

Alaska Safety Warning: Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.