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:	Arctic Farm, LLC	**License Number:**	13663		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Arctic Farm, LLC				
Premises Address:	2967 Rex Street				
City:	Houston	**State:**	ALASKA	**ZIP:**	99694

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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:

Three rooms totaling 499 square feet will be under cultivation. One room is 297 square feet with dimensions of 24' 11" by 11' 10-7/8", a second room is 142 square feet with dimensions of 11' 11" by 11' 10-7/8" and a third room is 60 square feet with dimensions of 8' 11" by 6' 8-3/4".

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

Plants grown as mothers (either from seed or clone) will be grown in potting soil. Clones will be rooted in misted air. All other plants will be grown in lightweight expanded clay aggregate contained in 3-1/2 gallon high density polyethylene (HDPE) buckets.

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

The following chemicals will be dissolved in varying amounts in our fertilizer water: Ammonium Molybdate, Ammonium Nitrate, Ammonium Phosphate, Calcium Nitrate, Citric Acid, Cobalt Nitrate, Copper EDTA, Iron DTPA, Iron EDDHA, Iron EDTA, Magnesium EDTA, Magnesium Nitrate, Magnesium Phosphate, Magnesium Sulfate, Manganese EDTA, Monopotassium Phosphate, Phosphoric Acid, Potassium Borate, Potassium Nitrate, Potassium Phosphate, Potassium Sulfate, Zinc EDTA. Fertilizer water will be delivered to the HDPE buckets from a polypropylene reservoir via a hydroponic pump and black vinyl tubing with HDPE connectors. CO2 will be maintained at 1500 ppm in all rooms under cultivation using a "CO2 Meter" RAD-0501 CO2 Controller with a single 50 lb CO2 tank and regulator tested and filled by a licensed gas supplier.

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

Water sourced from an on-site private well will be treated, mixed with fertilizer and stored in polypropylene reservoirs. Wastewater will be stored in two 250 gallon HDPE liquid storage containers on site. Wastewater will be emptied and serviced by licensed professionals who will take the waste to a wastewater treatment plant.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Marijuana waste including plant waste, roots, stalks, leaves, and stems will be made unusable by grinding the marijuana plant waste and mixing it with at least an equal amount of other compostable or non-compostable materials. Prior to being made unusable, marijuana waste will be kept on site for at least three days after notifying AMCO. Marijuana waste made unusable will be disposed of at a municipal or borough landfill. Wastewater will be stored in two 250 gallon HDPE liquid storage containers on site. Wastewater will be emptied and serviced by licensed professionals who will take the waste to a wastewater treatment plant.

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:

All rooms under cultivation and areas where marijuana is stored, processed, packaged or labeled will be sealed during normal operation and scrubbed internally for odors using activated carbon filters. Any air ventilated out of the facility will be scrubbed by an activated carbon filter. Carbon filters will be changed as needed.

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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:

An owner or employee will collect a random, homogeneous 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. The individual who collected the sample will be designated as the individual responsible for preparing a signed statement showing that the sample has been randomly selected for testing, providing the signed statement to the marijuana testing facility and maintaining a copy as a business record under 3 AAC 306.755. The designated owner will transport the sample to the marijuana testing facility in compliance with 3 AAC 306.750 and record the transaction in METRC. The entire batch from which the testing sample was selected will be segregated until the marijuana testing facility reports the results from its tests. During this period of segregation, the batch will be maintained in a secure, cool, and dry location to prevent the marijuana from becoming contaminated or losing its efficacy. The segregated marijuana will not be sold or transported until the marijuana testing facility has completed its testing and provided those results. The testing results will be maintained as a business record.

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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

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Arctic Farm

License #13663

3.50 Grams
Example Kush
Batch #180001
Total THC: 25%
Tested By: Example Lab

Grown Using: Ammonium Molybdate, Ammonium Nitrate, Ammonium Phosphate, Calcium Nitrate, Citric Acid, Cobalt Nitrate, Copper EDTA, Iron DTPA, Iron EDDHA, Iron EDTA, Magnesium EDTA, Magnesium Nitrate, Magnesium Phosphate, Magnesium Sulfate, Manganese EDTA, Monopotassium Phosphate, Phosphoric Acid, Potassium Borate, Potassium Nitrate, Potassium Phosphate, Potassium Sulfate, Zinc EDTA

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 only 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.

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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:

All rooms with marijuana under cultivation or rooms where marijuana will be stored, processed, packaged or labeled are windowless.

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

Jonathan R. Cortez

Printed name

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

STATE OF ALASKA
NOTARY PUBLIC
Asia A. S. Herrington
My Commission Expires: March 11, 2020

Notary Public in and for the State of Alaska.

My commission expires: 3/11/2020

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(Additional Space as Needed):

N/A - Left Intentionally Blank

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