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:	RDA Enterprise, LLC	**License Number:**	13614		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Puffin AK				
Premises Address:	200 W 68TH AVE, Unit A2				
City:	Anchorage	**State:**	ALASKA	**ZIP:**	99518

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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 square footage of the cultivation facility is 1,368 square feet with two rooms under cultivation.

The veg room which is approximately 23.5' X 15 for a total square footage of approximately 352.5 sq ft.

The Flowering room which is approximately 17.5' X 26.5' for a total square footage of approximately

463.75 sq ft.

The total area under cultivation will be approximately 816.25 square feet.

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

Puffin AK will utilize the following growing mediums:
- water
- air
- soil
- coco
- expanded clay
- rock wool
- expanded mica
- pumice
- coconut fiber
- vermiculite peat moss
- gravel
- stone

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

Fertilizers: Coco, Advanced Nutrients, Ph Perfect Connoisseur Bloom Part A + B Soil Amendments, Advanced Nutrients Bud Ignitor Fertilizer, Overdirve Advanced Nutrients, Advanced Nutrients Big Bud Liquid Fertilizer, Advanced Nutrients Sensi Call-Mag Xtra Plant Nutrient, Advanced Nutrients Rhino Skin Fertilizer, Advanced Nutrients Bud Factor X Fertilizer, Great White Mycorrhizae, Flora Nova Bloom Gal, Botanicare Cal-Mag Plus Plant Supplement, Superthrive Original Vitamin Solution, Advanced Nutrients Bud Candy Fertilizer. Hydroponics Fertilizers: Heavy 16, Calcium Magnesium, Humic, Fulvic Acids, Beneficia Bacteria, Bud Factor X, Rock Resinator, Liquid-W8, Enzymes, Sea Kelp, Molases (continued on page 8)
Delivery Systems: fertilizers will be delivered via hand watering or via hydroponics systems such as Ebb and Flow or Flood and Drain
Chemicals: PH Up, PH Down
Gases: CO_2
CO_2 Management: CO_2 tanks will be used with an automated computer controller to dispense and regulate the gas

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

Puffin AK will begin with hand watering and will eventually utilize an automated top drip irrigation system.

Wastewater will be collected in a reservoir and disposed of through a drain connected to the city sewage line.

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(Additional Space as Needed):

Continued list of fertilizers from page 3:

- Sm 90
-Clone solution, by Clonex
-Rooting gel, by Clonex
-Hydroguard, by Botanicare
-Florashield, by General Hydroponics
-Great white, premium micorrhize
-Orca, premium liquid micorrhize
-Recharge, profesional strength microbial super pack
-Mammoth P., active microbials
-vitalize 0-3-1, by Mills, silica
-Fasilitator 0-0-0.6, by Aptus, silica
-Primordial Solutions
Sea Green.
True Blooms.
Rootamentary.
Paleo Bloom.
-Hygrozyme, by Hygrozyme
-Heavy 16, veg. and bloom A and B
Heavy roots.
Heavy Foiliar.
Heavy Fire.
Heavy Prime.
Heavy Finish.
-House and Garden, Nutrients
Magic Green.
Aqua Flakes A/B.
Multi zen.

Amino Treatment.
Algen extract.
Drip Clean.
Shooting Powder.
Top Shooter.
Top Booster.
Bud XL.
Roots Excelurator.
-RAW Nutrients by NPK Industries
Phosphorous.
Potassium.
Full Up.
Cane Molasses.
Humid Acid.
-Hummic Acid, by Bio AG.
-All Natural systemic pest control, SNS 209.
-Neem oil.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Puffin AK 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) waste from marijuana flowers and plant material and trimmings; (3) run off water from cultivation and processing; (4) any other materials or containers in contact with marijuana products that risk contamination (5) any other marijuana plant material deemed as waste by a licensee or the AMCO Director. Marijuana waste will be stored away from all other marijuana in a locked container inside the facility, and will be rendered unusable prior to leaving the facility for disposal. A notice will be sent to AMCO enforcement not later than three days prior to rendering waste unusable. Marijuana waste will be rendered unusable by grinding the materials and mixing with other compostable and non-compostable material until the resulting mixture is no more than fifty percent (50%) marijuana waste. Management will maintain a log on the status of all marijuana waste, tracking the type, date of disposal, date it was rendered unusable, and final destination. The final mixture will be moved to a secured bin until it can be picked up by the waste truck and delivered to the municipal solid waste facility. Only authorized personnel will have access to the keys that unlock the secured bin. The manager will notify AMCO enforcement three days before disposing of marijuana waste via email.

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 grade activated carbon filters with fans will be used throughout the cultivation areas to filter all air before being vented outside. The carbon filters will be regularly replaced to ensure maximum performance at all times. In addition, once every week one employee will be tasked with going to each property line of the property to conduct a "smell test". The "smell test" will consist of the employee walking to each edge of the property line and will attempt to smell marijuana from the edge of the property line. If marijuana smell is present at the edge of property line - the facility will replace the carbon filters (if necessary) or install additional smell controls.

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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. A designated employee 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. Puffin AK 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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(Additional Space as Needed):

Business Name: Puffin AK
License Number: 13614
Batch/Lot Number:
Gross Weight: Net MJ Weight:
Packaging Date: Best By Date:
Strain:
Tested By: License Number:
Total THC: THCA: CBD: CBDA: CBN:
Microbial Test:
Fungicides: Herbicides: Fertilizers:
Soil Amendments:

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 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:

Puffin AK will ensure that cultivation areas, storage areas, packaging and processing areas are not visible by the public from the entry door to the facility. There are no windows in the cultivation facility. All marijuana growing, processing, curing, packaging and labeling activities will take place inside the facility, not visible to the public. Most marijuana transports will be to the co-located retail store, also owned by Ana and Maclovia. 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 vehicle 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.

Signature of licensee

Ana Hall
Printed name

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

Subscribed and sworn to before me this 6th day of July, 20____.

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

My commission expires: March 31, 2021

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