Alcohol and Marijuana Control Office
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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 **Form MJ-01: Marijuana Establishment Operating Plan**, 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 the statutes and 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
- Waste disposal
- Odor control
- Testing procedure and protocols
- Packaging and labeling

This form must be completed and submitted to AMCO's main office before any new or transfer application for a standard marijuana cultivation facility or limited marijuana cultivation facility license will be considered complete.

Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	Black Rapids LLC	**MJ License #:**		10027	
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Black Rapids LLC				
Premises Address:	721 Cloud Road				
City:	North Pole	**State:**	Alaska	**ZIP:**	99705

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Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the flow of marijuana from seed or clone to harvest and transfer from your premises:

Black Rapids is a marijuana cultivation facility. Clones will be pulled from the mother plant in the Veg Room and will be rooted in areoponic cloners. Clones will then be moved into hydroponic veg units and vegged for 7-28 days. The plants will be tagged when they reach 8". They are then moved out into the main space and put into flower until ready to harvest. Upon completion of drying the plant will be placed into curing containers and placed back into quarantine. During this step the test sample will be separated randomly for testing. When test results are made available, the quarantined cannabis will be moved to warehousing. Once a sale is set up, the cannabis will be packaged, sealed, labeled, and tagged. The sealed packages will be placed in totes and the tote will be secured for transport.

Section 3 – Prohibitions

Review the requirements under 3 AAC 306.405 and 3 AAC 306.410.

3.1. I certify that the marijuana cultivation facility will not: Initials

a. **sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation;** KW

b. **allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on the licensed premises or within 20 feet of the exterior of any building or outdoor cultivation facility; or** KW

c. **treat or otherwise adulterate marijuana with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana.** KW

Section 4 – Cultivation Plan

Review the requirements under 3 AAC 306.420 and 3 AAC 306.430.

4.1. 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:

-Flower Space will be in the open area of the facility and will comprise of 9 rows of 5 grow lights covering a 700 sq ft canopy space (20'x35').
-Cloners, Vegetative growth tables, and mother plants will be housed in a 200 sq ft Grow Tent (10'x20')
-Total Area dedicated to grow space is 900 sq ft
-Total Area dedicated to drying and storage is 80 sq ft of enclosed shelving (e.g., lockers/cabinets)

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You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.2. The proposed area(s) for cultivation are clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application. KW

Answer "Yes" or "No" to the following question: Yes No

4.3. Will the marijuana cultivation facility include outdoor production? ☐ ☑

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground and how it is fully-enclosed by a physical barrier:

4.4. Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility, whether indoors or outdoors, cannot be observed by the public from outside the facility:

-Marijuana cultivation will take place indoors with no windows in the building and doors will remain closed at all times.
-When marijuana is transported, it will leave in a opaque container.

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

-Plants will be grown without use of a traditional growing medium
-Plants will be suspended with neoprene collars.
-The plants roots system will hang below it and will be exposed to a continues misting/stream of a water/nutrient solution
-This process is considered a type of hydroponic growing system

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

-No C02 systems will be utilized at this time
-Chemical nutrients will be mixed with water in reservoirs and washed onto the plants root systems.
-Chemicals include General Hydroponics line of nutrients including Flora Bloom, Flora Micro, and Flora Gro, as well as Bio-root, and Clonex (or similar products)
-Generic dish soap will be used for most cleaning, in limited instances bleach will be used for sanitizing. Alcohol will be used to sanitize trimming equipment.
-At no time will Black Rapids employ pesticides.

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

-Irrigation will be via an hydroponic recirculating system.
-Reservoirs will be changed periodically (weekly) or as needed.
-When reservoirs are changed they will be drained into a DEC-approved septic system

Section 5 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

5.1. The marijuana cultivation facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it. KW

5.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including wastewater generated during marijuana cultivation, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown:

Solid Waste:
-Plant Stems and fan leaves, along with plants or cuttings that must be destroyed for any reason will be ground in a Mulcher. The waste will then be rendered unusable by mixing it with at least an equal amount of other compostable or non-compostable material (likely potting soil or saw dust) and then transfered to the FNSB landfill.
-THC containing trimmings will be sold to licensed product manufacturers. This "Shake" will be treated with the same security and handling precautions as dry flower.
-"Other," non plant based solid waste will be transfered to the FNSB landfill.

Liquid Waste: Liquid waste will be drained into a DEC-approved septic system

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Section 6 – Odor Control

Review the requirements under 3 AAC 306.430.

Answer "Yes" or "No" to the following question:	Yes	No
6.1. Have you received an exemption from your local government for the odor control requirement set forth in 3 AAC 306.430(c)(2)?	☐	☑

If "Yes", you must be able to certify the statement below. Read the following and then sign your initials in the box:	Initials
I am attaching to this form documentation of my odor control exemption from the local government.	

If "No" to question 6.1., 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:

-Air within the facility will be vented through in-line Active Carbon filters which remove virtually all of the smell of the cannabis.
-Access points to The facility will remain closed and secured/sealed at all times.
-Because of the facility's rural location, the chances of public encounters with any smell are minimal

Section 7 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465.

You must be able to certify each statement below. Read the following and then sign your initials in the corresponding box:	Initials
7.1. I understand and agree that the board or director will, 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.	KW
7.2. I will ensure that any individual responsible for collecting random, homogenous samples for required laboratory testing under 3 AAC 306.455 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755.	KW

7.3. Describe the testing procedures and protocols the marijuana cultivation facility will follow:

-Upon harvest a batch of marijuana will be trimmed and placed into drying enclosures where it will stay for 3-7 days. Each drying enclosure will be a secured quarantine chamber. Batches will not be mixed.
-Upon completion of drying the plant will be placed into curing containers and placed back into quarantine. During this step a test sample will be separated randomly for testing.
-When test results are made available the Quarantined cannabis will be moved to warehousing and will continue to cure until sold.

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Section 8 – Packaging and Labeling

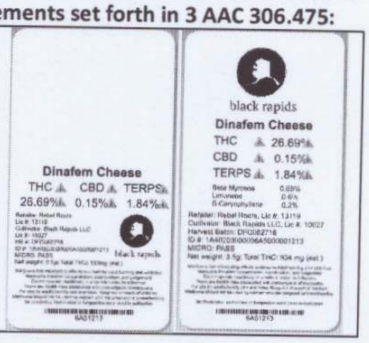
Review the requirements under 3 AAC 306.470 and 3 AAC 306.475.

Answer "Yes" or "No" to the following question: Yes No

8.1. Will the marijuana cultivation facility be packaging marijuana for a retail marijuana store to sell to a consumer without repackaging? ☑ ☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

-As required by 3 AAC 306.470(a)(b)(c)Packaging will be no greater than one ounce.
-Packaging will be contamination proof and non toxic.
-Packaging will consist of mylar/plastic bags and/or vials such as "pre-roll tubes"
-Packaging will not use any printed images that specifically targets persons under 21 years of age and be identified by a tracking label generated by METRC.



Answer "Yes" or "No" to the following question: Yes No

8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages? ☑ ☐

If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:

-As required by 3 AAC 306.470(1)(2) Packaging will not exceed five pounds per package tag for repackaging by a retail store.
-All Packages will be labeled with Cultivator, Cultivator Lic #, Retailer, Retailer Lic #, Harvest Batch, Strain, Net Weight and any herbicides, pesticides or fungicides used. Test results will be sent with each batch to included the testing facility used and showing the product is clear of mold mildew and filth.

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 AS 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 unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

Signature of licensee

Kyle Wendler

Printed name of licensee

"Official Seal" Notary Public Kelsey Stein State of Alaska Commission #171220006 Expires: 12/20/2

Notary Public in and for the State of Alaska

My commission expires: 12/20/2021

Subscribed and sworn to before me this 24th day of OCTOBER, 2018.

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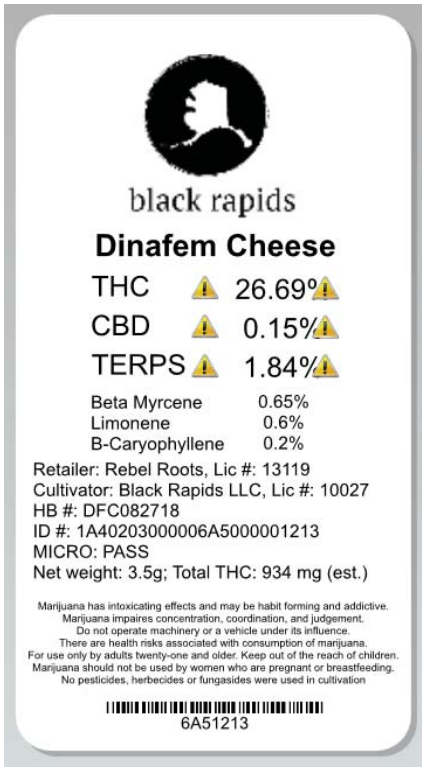
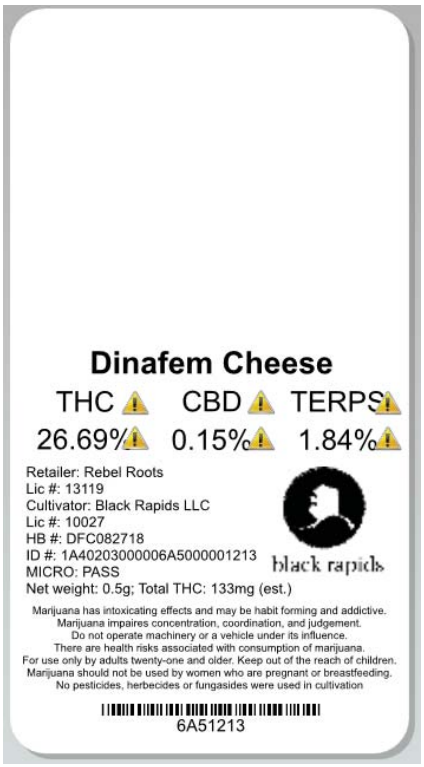
(Additional Space as Needed):

Prepackaged Flower



Prepackaged Joints



Bulk Packaging Label