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:	HNP, INC.	**MJ License #:**		12637	
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Mountain Monarch Genetics				
Premises Address:	13856 N. GLENN HWY				
City:	Sutton	**State:**	Alaska	**ZIP:**	99674

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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:

All plants,clones and seeds will be entered into the METRC system and tracked from immature plant stage all the way through harvest, testing, packaged and sold and transfered. all waste will be recorded in METRC. All batches will pass all required testing prior to being transfered to another facility. There will be a weekly list that will keep the facility in order as well as compliant. After all flower and trim has passed required testing then it will be packaged for a wholesale order and may be packaged in retail ready packaging complying with all packaging requirements. All rooms will be set up in METRC to make it clear where marijuana and marijuana product should be at any given time.

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;** [ ]

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** [ ]

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.** [ ]

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:

We will be using 1 room for cultivation = 170 sqft

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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.

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:

All marijuana will remain inside the licensed premises that is not visible from the public until it is either packaged for a delivery that complies with regulations or is waste and will then be placed in the trash once made unusable.

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

We will be using multiple types of growing medium including: soil, water, coco choir, rockwool, clay pellets, mist, hydroton balls, perlite, vermiculite, and promix or a similar type of growing medium.

4.6. Provide the complete product name and EPA registration # (if applicable) for each of the cultivation facility's pesticide and pest control product to be used. All proposed products must be on DEC's list of approved pesticides in the state of Alaska:

Monterey Neem Oil - RTU/Organic Gardening, EPA# 70051-13-54705
Nuke 'Em, EPA# exempt-25(b)
Clonex Rooting Gel, EPA# 79664-1
70% Neem Oil, EPA# 70051-2-54705

4.7. Describe all other fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used at the marijuana cultivation facility:

We may have a CO2 burner that is hooked up to a controller keeping the CO2 at 1500 PPM. that also has a photocell so it only burns during lighting hours.
Basic cleaning chemicals will also be used to help sanitize the premises as well as certain equipment
MSDS will be available for all employees to review.
For all other chemicals and nutrients to be used please see page 7 of MJ-04

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

We will be using a drip irrigation system in parts of the facility and will be hand watering the areas we don't.
There will be no waste water as we will be using any excess water generated from the facility to water the plants surrounding the property.
All sewage, gray water from cleaning the facility will be disposed of in the on-site 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.

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:

All marijuana waste will be weighed, recorded, and stored on the licensed premises for 3 days then will be ground up and mixed with growing medium or other waste at a 50/50 ratio at that time it will be considered unusable then will be put into a trashcan. There will be no waste water aside from sewage and gray water from cleaning the facility that will be discarded into the on-site 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:

We will use a series of Carbon filters, ducting, filters and inline fans to scrub the air. There will be no marijuana odor emitted that is detectable by the public from outside the facility.

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.	☑
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.	☑

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

We will be selecting random homogeneous samples from each harvest batch to submit to a licensed testing facility in order for required lab tests to be performed. We will not sell or transport any product from those batches to a retail facility until all laboratory testing is completed. All test samples will be packaged as required before leaving cultivation facility and all this will be tracked via METRC system

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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:

All marijuana packaged for retail sale will be packaged in child resistant, resealable, and opaque packaging, will not exceed one ounce, packaging will also prevent contamination. We may choose to grind up flower, abnormal flower, or trim and package them into pre-rolls. It will include the the following statements: 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.
The label will also include: cultivators name, harvest batch name, cultivators license number, strain name, total estimated amount of THC, retail store license number, and retail store name.
For an example of retail sample label please see page 7.

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:

We will be packaging wholesale packages not exceeding 5 pounds into zip lock bags, or buckets that will be strain specific, each package will be accompanied by a METRC package tag, test results, transport manifests, and invoices that will also include any other required information not included in the manifest or test results.
For example of wholesale sample label please see page 7

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

Kerby Coman
Printed name of licensee

SAMANTHA L. DOCKINS NOTARY PUBLIC STATE OF ALASKA My Commission Expires JANUARY 22, 2024

Notary Public in and for the State of Alaska

My commission expires: 1/22/2024

Subscribed and sworn to before me this 30 day of OCTOBER, 2020.

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(Additional Space as Needed):

MISC

- Fermented biological material
- Trifecta Crop Control
- Nuke em
- Neem Oil
- Pro Tekt
- Hygrozyme
- Clonex Rooting Gel
- Clonex Clone Solution
- Mad Farmer Be One
- Mad Farmer Mother of All

Bloom

- Plant Success Great White
- Mammoth P Microbials
- Advanced Nutrients PH-Up
- Botanicare Cal-Mag Plus
- General Hydroponics PH-Up
- Emerald Harvest Grow
- Emerald Harvest Micro
- Emerald Harvest Emerald

Goddess

- Emerald Harvest King Kola
- Emerald Harvest Honeychome
- Emerald Harvest Root Wizard
- Emerald Harvest Calmag
- Azos
- Mykos
- H202
- Advanced Nutrients Bud

Factor X

- Growth Science Base A
- Growth Science Base B
- Growth Science Solid Start
- Growth Science Rock Solid
- Growth Science Strenght

CANNA

- Cannazyme
- Rhizotonic
- Pk13/14
- Cannaboost
- Aqua flores
- Aqua vega

WALLACE

- pumpkin pro

GENERAL HYDROPONICS

- Flora grow
- Flora micro
- Flora bloom
- Bio weed
- Bio marine
- Armor SI
- Flora blend
- Flora nectar
- Diamond nectar
- Blackdimond
- PH up
- PH down

BLOOM

- Cal-Mag
- Euro A
- Euro B
- Final
- Florigen
- Flower A
- Flower B
- Groigen
- Grow A
- Grow B
- Humate
- Imuno
- Ooze
- Organic S.W.T.N.R
- Phat
- PK
- Pre
- Roots
- Sea Minerals
- Sea Weed
- Sea Fuel
- Silica
- Ultra

HOUSE AND GARDEN

- Aqua Flakes A
- Aqua Flakes B
- Algen Extract
- Amino Treatment
- Bud XL
- Coco A
- Coco B
- Drip Clean
- Magic Green
- Multi Zen
- Nitrogen Boost
- Rhizo Force
- Root Excelurator "Gold"
- Root Excelurator "Silver"
- Top Booster
- Top Shooter

Veg + Bloom

- R/O Sft
- Shine
- +Life
- Push
- Dirty
- HD
- Stackswell
- DOS A
- DOS B

HYDROPONIC RESEARCH
Veg+Bloom
Veg+Bloom Shine

BOTANICARE:
Cal/Mag plus

Sulfur
Potassium Bicarbonate

Wholesale Sample Label

Strain: Medical Mass CBD. 454 Grams

Cannabinoid Profile
THC: 13.9%-21.2%
CBD: 7.2%-15.5%

Microbial Testing Passed
Mountain Monarch Genetics
LLC License #12637

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

Retail Sample Label

Hug
THC: 19.85 %
CBD: 0.25 %
Harvest Batch: 10—22—19 Hug
Cultivator: Green Life Supply, LLC
Cultivator Lic #: 4a-12637
GREEN DEGREE
Lic #: 3a—11031
Marijuana has intoxicating effects and may be habit forming and addictive.
Marijuana impairs concentration, coordination, and judgement.
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.
1.466 g (0.052 oz)

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