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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:	William W. Blixt & Elizabeth Nicole Warren	**MJ License #:**	21967		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Northern Heights, LLC				
Premises Address:	977 S. RosKelley Circle				
City:	Palmer	**State:**	Alaska	**ZIP:**	99645

AMCO
JUL 17 2019

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

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:

The original seeds are gifted to be included in the first juvenile plants for the cultivation from Joseph Warren. The seeds will be grown in soil through both vegetative and flower cycles using the appropriate amount of approved fertilizers and well water. Harvesting and curing the plants will take place within the cultivation facility. Transferring the product to licensed retail stores, product manufacturers, or other cultivators will be done using METRC and all necessary documentation. All soil and nutrients will be bought locally and delivered to the premises with a pick-up truck. Online purchases that are made will be delivered by USPS, FEDEX, and UPS to the facility.

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;** WB

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** WB

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.** WB

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:

The mother plants in a vegetative state will be inside an enclosed space (one) measuring 3' x 5'. Mother plants will use 15 square feet total. The clones from the mother plants in the tented area will be on two tables that are 3' x 3' will be used for the vegetative/bloom. The total clone/vegetative area will be 18 square feet total. Two tables measuring 3' x 12' will be used for the vegatative/bloom area. The vegetative/bloom area will take up 72 square feet of space. The total area of cultivation (15+18+72) will be 105 square feet. The total cultivation space is shown in diagrams one and two in packet MJ-02 highlighted in red.

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Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

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. WB

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:

There are no windows within the facility. The main door is behind a locked gate - both are under 24 hour surveillance.

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

We will be using soil only.Rockwell cubes will be used for clones.

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:

Neem Oil product used - Garden Safe Neem Oil Extract Concentrate which is approved and registered in the state of Alaska. This particular concentrate is used for greenhouse and cannibis plants. It is also exempt from the food residue tolerance requirments listed in 40 CFR 180. Active ingreedents - 70% Neem Oil and EPA registered 70051-2-39609.

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

The fertilizers to be used will be Rx Green Solutions concentrate-a pre-mixed nutrients and supplements. Super-thrive vitamin solution and Botanicare's Cal-h4ag supplement will also be used. Fresh air drawn into the premises through the ventilation system will be the only means of replenishing the carbon dioxide. The nutrients and supplements will be mixed into 30 gallon water drums and applied to the plants by hand using either a watering container or a 12V pump and a watering wand.

AMCO Received 9/15/2019

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

Well water located at the licensed premises will be used for irrigation purposes. The water will be applied to the plants by hand using either a watering container or a 12V pump and a watering wand. No waste water is expected to be generated. If waste water is generated, the septic system will be used.

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. WB

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:

A licensee or employee will notify the MCB through METRC three days in advance of any waste disposal procedures, or approval for emergency disposal will be requested from the director when necessary (for extreme circumstances like infestation). All marijuana plant waste, including stems, stalks, leaves, roots, and unprocessed samples returned by a testing facility, will be rendered unusable by being ground up by a wood chipper/mulcher and then mixed with soil (which will be approximately 90% soil and 10% ground plant material). The mixture will be placed in totes and hauled off to the landfill. No liquid waste is expected to be generated. If liquid waste is generated, the on-site septic system would be used. Records with the date, type of waste, and disposal site will be kept onsite.

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JUL 17 2019

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:

A 311 cfm airflow exhaust system will be used for drawing fresh air into the licensed premises for cooling the grow room and replenishing CO2 levels. Attached to that exhaust fan will be an activated carbon filter to prevent odors from being detected outside the licensed premises. Another exhaust fan attached to another carbon filter will circulate the air inside the licensed areas. This will eliminate odors inside the licensed premises and thus prevent odors being detected outside when the above mentioned exhaust/intake system is not running.

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.	WB
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.	WB

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

All marijuana cultivated at the facility will be tracked in METRC throughout the life cycle of each plant, from clone/cutting/seed until transfer/transport to another licensed marijuana cultivation facility. All marijuana bud/flower and trim/leaf that is harvested will be divided into harvest batches that are uniform in strain, cultivated in one place and under the same conditions, and harvested at the same time.

A random homogenous sample from each harvest batch of each separate strain will be selected by the licensee. The samples will be in an amount dependent on the size of the harvest batch and packaged as determined by the testing facility. The licensee will prepare a signed statement showing that each sample has been randomly selected for testing. The signed statement will be provided to the marijuana testing facility, and a copy of the statement will be maintained on the premises as a business record. One of our licensees, agents, or employees with a valid marijuana handler permit will transport the samples to the marijuana testing facility in compliance with 3 AAC 306.750 and company policies and procedures.transport the samples to the testing facility as required. The harvest batch for which a sample has been sent to a testing facility shall remain inside sealed curing jars segregated inside the locked storage cabinet until the testing results reveal the product can be sold. Marijuana from the harvest batch will not be sold or transported until the written test results of the harvest batch have been received from the marijuana testing facility, and until a licensee has verified that the test results have been entered into METRC. Test results will be maintained on the premises for each batch.
We will comply with any request from the MCB or AMCO for random samples, as outlined in 3 AAC 306.465.

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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:

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:

All packages of marijuana bud and flower for resale will not exceed 5 pounds and will remain untouched until they reach the retail or manufacturing location. All strain names will be identified on the label. The packaging will not have any printed images, including cartoon characters, that specifically target persons under 21 years of age. In addition, the packaging will protect the product from contamination and may not impart any toxic or damaging substance to the marijuana. Each package will be prepared in compliance with 3 AAC 306.470 and identified by a tracking label and transport manifest generated for tracking by METRC. Packaged marijuana will be stored in a secured area until ready for transport. When ready for transport, the marijuana will be placed within a sealed, tamper-evident shipping container, and a shipping label will be affixed to the shipping container. The transport manifest will remain with the marijuana at all times while being transported, and a copy will be given to the licensed marijuana establishment that receives the shipment. A sample label is attached.

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

William W. Blixt

Printed name of licensee

OFFICIAL SEAL
Arianna Liedtke
Notary Public-State of Alaska
My Comm. Expires 05/16/2020

Notary Public in and for the State of Alaska

My commission expires: 05/16/2020

Subscribed and sworn to before me this 15th day of July, 2019.

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Northern Heights, LLC

Sample Label

Cultivator
License Number
Harvest Batch Number
Package Number
Net Weight
Strain(s)
Testing Facility Name
Testing Facility License Number
THC
THCA
CBD
CBDA
CBN
Microbial Test
Fungicides
Pesticides
Herbicides
Fertilizer
Soil Amendments
Contaminates not Tested

Northern Heights, LLC
LICENSE: 21967

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JUL 17 2019

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(Additional Space as Needed):

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