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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:	Hempco LLC	**MJ License #:**	12618		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Alaska Cannabis Company				
Premises Address:	43280 Kenai Spur Highway, Units A, B, C & D				
City:	Nikiski	**State:**	Alaska	**ZIP:**	99635

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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 marijuana cultivated at Alaska Cannabis Company will be tracked from seed or clone to sale or destruction in Metrc. All plants that reach eight inches will be tagged and assigned a tracking number. Marijuana will be harvested and grouped into batches up to ten (10) pounds of individual strains and will be assigned a Metrc harvest batch number. A random sample will be collected from each batch and sent to a licensed testing facility. The remainder of the batch will be segregated until the testing results are received. A transport manifest generated from Metrc will be sent with each transfer of marijuana to another licensed facility. Marijuana will be sealed in not more than ten (10) pound containers inside a locked storage compartment within the vehicle for wholesale transactions and up to one ounce containers for re-sale by retailers without re-packaging. Package labels will include; (1) the name and license number of the cultivation facility; (2) the date the marijuana was harvested; (3) the harvest batch number assigned to the marijuana; (4) the date the marijuana was packaged; (5) the net weight and the quality of usable marijuana packaged in a standard of measure compatible with the inventory tracking system; (6) a complete list of all pesticides, fungicides, and herbicides used in the cultivation 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;** JLF

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** JLF

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.** JLF

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:

Propagation Rooms

Propagation Rooms Dimensions:

- Nome 15'9" x 9'9" - 150
- Kotzebue 18'3" x 15'5" - 245

Area total: 395 SQ FT.

Cultivation Room Dimensions:

- Bethel 32'5' x 26'5" - 745, Anchorage 29'6" x 28'7" - 844, Fairbanks 29'5" x 26'7" - 840, Deadhorse 19'4' x 14'11" - 288, Barrow 19'4 x 14' 11" - 288, Wainwright 15'7" x 19'4" - 302, Point Hope 15'4" x 13'7" - 180

Area Total 3471 SQ FT

Total Area Under Cultivation 3866 square feet.

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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. JLF

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 windows will be covered so they cannot be seen through. No marijuana will be visible to the public. All marijuana will be handled on the inside of the building and none will be visible to the public. All vehicles that would be picking up marijuana or transporting marijuana will be loaded inside of the facility from inside of the garage for safety and security concerns and to keep all marijuana from being visible to the public.

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

Soils will consist of:
Sphagnum Peat moss
Perlite
Vermiculite
Dolomitic and Calcitic Limestone
Mycorrhizae

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:

Alaska Cannabis Company does not intend to utilize pesticides in the facility, however, if the need arises, the facility may utilize any of the approved for use on cannabis pesticides found on DEC's website at any given time.

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

Advance Nutrients Part A and B consisting of: Ulrea, Nitrogen, Urea Nitrogen, Ammoniacel Nitrogen, Nitrate nitrogen, Phosphorus, Phosphoric Acid, Potassium, Soluble Potash, Potassium Nitrate, Potassium Phosphate, Potassium Sulfate, Dipotassium Phosphate, Monopotassium Phosphate, Ammonium Phosphate, Magnesium, Magnesium Nitrate, Magnesium Sulfate, Magnesium Phosphate, Calcium, Calcium Nitrate, Calcium AminoAcid Complex, Manganese, Manganese EDTA, Chelated magnesium, Magnesium EDTA, Magnesium Nitrate, Sulphur, Boron, Iron, Iron EDDHA, Iron EDTA, Zinc, Zinc EDTA, Monoammonium Phosphate Monopotasium, Potassium Nitrate, Potassium Sulfate, Surfactant (Alkyl Phenol Ethoxylate), B-1 Vitamin, Silicon, Mycorrhizae, Molybdenum, Continued on Page 7...

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

Plants will be watered by means of hand watering, water can, or by means of a reservoir fed timer controlled metered drip emitter style watering device. The hand water and/or drip emitter system to be used in the cultivation facility is designed to minimize waste. All excess run off from plants will be collected in collection containers, reused and any remainder will be allowed to evaporate.

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. JLF

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 mixed and mulched with household garbage consisting of paper and food products in a 50/50% ratio and made unusable. Once this is done, the mulched material will be either reused again if possible in home gardens etc. or disposed of via Alaska Waste, or within the landfill, but only after giving AMCO three days notice, on a form prescribed by the board, of intent to do same. Extra care will be taken not to generate excess waste in the cultivation process. However, in the event that waste is generated that cannot be reused in a beneficial way, it will be stored on-site until disposal can be arranged with Alaska Waste or similar company or taken to the landfill for solid waste disposal after mixing/mulching in a 50/50% ratio with organic biodegradable materials such as grass clippings, leaves, food or household paper etc. Alaska Cannabis Company may also either compost solid waste that was rendered unusable or obtain local burn permits (if necessary or required) to burn unusable solid waste or create "hempcrete" by mixing four parts hemp hurd (mj waste), one part lime binder, and one part water and then the mixture will be poured into a form, tamped down and setting until solid. Three days notice must be given to AMCO before making the marijuana unusable. All attempts will be used to once again utilize the water on the plants, however, excess water will be disposed of via commercial septic and commercial leach field. A certain percentage of unused water will also be subject to natural evaporation.

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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:

Canister style, activated carbon filters will be utilized in conjunction with ducted fans within the proposed cultivation facility to prevent any marijuana odor from being detected by the public. This will keep all smell/odor from being detected outside the premises.

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.	JLF
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.	JLF

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

Upon notification that the board or the director require samples for random compliance checks of the facility, a licensee or an authorized agent of the proposed facility will notify an independent testing laboratory (of the states choice if applicable) to send a representative to collect the required samples. This way, a chain of custody is established, and the possibility of unintentional contamination due to improper sample collection practices is minimized.
All marijuana product batches will be tested for a battery of state required impurities and/or contaminants by a state licensed lab in accordance with 3 AAC 306.455. The facility will collect random samples from homogeneous batches of individual strains of bud or flower in the amount of required by the selected testing facility. Marijuana selected for testing will be quarantined until such time as testing results come back from the testing facility.
We will further select homogeneous samples from our cultivation facility for random testing during our growing cycles in order to ensure the highest of quality of standards are met.

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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:

Alaska Cannabis Company will ensure that any marijuana package fro sale to a retailer that will not be repacked by the retail license will meet the retail packaging requirements. To meet direct retail package requirements, Alaska Cannabis Company will ensure that no direct consumer sale package exceeds more than one ounce of marijuana and will ensure that the packaging has a space for the retail license to put its retail license, name or log and the license number. If the packages sold to retailer for direct consumer packaging (with no repackaging) is not packed in an opaque and child resistant container, Alaska Cannabis Company will add a warning in the shipment reminding retailers that the marijuana as packaged does not meet the exit packaging requirements and that customers must be provided (or provide their own) exit packaging prior to leaving the retail store. Any packaging done at the facility will be performed in an area specifically set aside for packaging and monitored with 24 hour surveillance. Packaging will be uniform with labels secure and prominently displayed. Continued on 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:

Wholesale packages of marijuana will be sold to other licensed facilities in packages up to ten (10) pounds consisting of a single strain or a mixture of strains with strain names identified on the label. Plastic packaging will be heat-sealed without an easy-open tab, dimple, corner, or flap. Packaged marijuana will be stored in a secured area until ready for transport. All packaging will be inspected, accepted or rejected and recorded in the log. A licensee or a designated employee will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances. Wholesale labels will be checked for (1) the date of final testing; (2) the cannabinoid potency profile, expressed as a range of percentages that extends from the lowest percentage to highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from the same marijuana cultivation facility within the last three months; Continued on 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

Jenny Foster

Printed name of licensee

OFFICIAL SEAL
THE STATE OF ALASKA
NOTARY PUBLIC
Mary Anne B. Enrique
Comm. Number 160217
Comm. Expires Feb. 17, 2024

Notary Public in and for the State of Alaska

My commission expires: Feb. 17, 2024

Subscribed and sworn to before me this 16th day of March, 2022.

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(Additional Space as Needed):

4.7 Continued: Epsom Salts, Ammonium Molybdate, Calcium Nitrate, Seaweed Extract (Ascophullum Nodosum), Protein Hydrolysate, Ph balancers, Potassium hydroxide, Phosphoric acid, Glucose, D-Xylose, D-Ribose, D-Galactose, Xanthum gum.

8.1 Continued: The facility will use certified scales in compliance with the Alaska Weights and Measures Act and will maintain registration and inspection reports at the facility. After employees package marijuana they will be placed in sanitized, air-tight containers, labeled with all compliant labeling information and be given a bar code for the inventory control system. Plastic packaging will be heat-sealed without an easy-open dimple, corner, or flap. Packaged marijuana will be stored in a secured area until ready for transport. All packaging will be inspected, accepted or rejected and recorded in the log. The manager or a designated employee will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances. labels will include: (1) the name an license number of the cultivation facility, a space for the retail logo/name and license number; (2) the five required warnings found at 3AAC 306.475(a)(1-5); (3) the date the marijuana was harvested; (4) the harvest batch number assigned to the marijuana; (5) the date the marijuana was packaged; (6) the net weight and the quantity of usable marijuana packed in a standard of measure compatible with the inventory tracking system; (7) a complete list of all pesticides, fungicides, and herbicides used in the cultivation of marijuana.

8.2 Continued: (3) a statement listing the results of microbial testing; and (4) a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals. A Metrc generated tracking label will be affixed to each package. The shipping container will have a label stating that a licensed testing facility has tested each batch in the shipment, and list: (1) the date of final testing; (2) the cannabinoid potency profile, expressed as a range of percentages that extends from the lowest percentage to highest percentage of concentration for each cannabinoid listed from every test conducted on that strain of marijuana from the same marijuana cultivation facility within the last three months; (3) a statement listing the results of microbial testing; and (4) a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals. If a wholesale shipment sold to another licensed facility is from a harvest batch that has not been tested for contaminants, a label will be affixed identifying each such contaminant.

Front of Package	Back of Package
window to view product *Strain Name* **Indica-Dominant** Net Weight: 3.5 g (0.124 oz.) PLACE HOLDER FOR RETAILER TO PUT RETAILER STICKER LABEL	Cultivator: Alaska Cannabis Company License # 12618 HB#: WW-122521 Strain: White Widow **METRC #:** 36B8750000364511 15AB **Testing Lab: Land & Sea License #:** 6A-23634 **Testing Date:** 12/28/21 **Fungicides:** None **Herbicides:** None **Pesticides:** None **Cannabinoid Profile:** **Total THC:** XXXX% **Total CBD:** XXXX% **THC:** XXXX% **CBD:** XXXX% **THC-A:** XXXX% **CBD-A:** XXXX% **CBN:** XXXX% **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.

*or similar format and content

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