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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:	B2C2LH, LLC	**MJ License #:**	11118		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Mercy Tree of Alaska				
Premises Address:	1648 N. Post Road				
City:	Anchorage	**State:**	Alaska	**ZIP:**	99501

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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 Mercy Tree of Alaska 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 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-pound containers inside a locked storage compartment within the vehicle for wholesale transactions and up to one once containers for re-sale by retailers without re-packaging. Package labels will include, (1) the name and license number 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 of the marijuana.

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;** CK

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** CK

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.** CK

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 cultivation space will be a total of 2,174 sq feet. 8 of the rooms are for general cultivation use; of those 8 rooms, six of the rooms are 17' by 17' in dimension. Another one of the rooms is 32x10, and the other room is 12x10. All rooms used for cultivation, veg/flower, curing and/or packaging.

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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:

Mercy Tree of Alaska will ensure that marijuana cannot be visible by the public from any door or window to the cultivation areas. All direct access doors to outside areas will have no direct view of any marijuana or cultivation areas. Security measures will also be in place to include sensors/alarm on all windows and doors. All movement/transport of marijuana will be discrete, utilizing a designated shipping area, which will ensure discretion when a vehicle is being loaded out of sight of the public. All growing, processing, curing, packaging and labeling activities will be done inside the facility, not visible from outside.

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

Mercy Tree of Alaska will be using the following growing mediums: coco pellets, coco coir mixed, peat moss, soil, bio-1, canna coco brick, root riot cubes, rockwool, perlite, vermiculite, sphagnum, hardened expanded clay (HEC), mineral wool, worm castings, bark mulch, humidified compost, black gold, hydroponics and aeroponics.

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:

Mercy Tree of Alaska plans to utilize any of the proposed products on the DEC's list of approved pesticides in the State of Alaska.

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

Mercy Tree of Alaska plans to utilize the following fertilizers & herbicides:

- B-52
- Big Bud®
- Big Bud Organic® OIM
- Big Bud® Coco
- Bud Candy
- Bud Candy Organic™ OIM

Sensi Cal-Mag Xtra®

- Bud Ignitor®
- Flawless Finish
- Nirvana Overdrive®
- Mother Earth Super Tea Organic OIM
- pH Perfect® Base Nutrients

Sensizym®

- pH Perfect® Connoisseur Grow A&B
- pH Perfect® Connoisseur Coco Bloom A&B
- pH Perfect® Connoisseur Coco Grow A&B
- pH Perfect® Grow Micro Bloom

pH Perfect® Sensi Bloom A&B

- pH Perfect® Sensi Grow A&B
- pH Perfect® Sensi Coco Bloom A&B

pH Perfect® Sensi Coco

Sensizym Organic OIM

Piranha

- Revive
- Rhino Skin Tarantula
- Voodoo Juice
- Algen Extract
- Bud-XL
- Magic Green
- Nitrogen Boost

Ancient Earth Organic

c02

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

Our irrigation technique will be top feed hand-watering drain to waste system to ensure minimal run-off. All run-off will be collected in a container for testing to insure adequate nutrition of the plant. All waste water will be put down the drain into the facility's holding tank. The holding tank is pumped out and maintained by a 3rd party service company.

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:

Mercy Tree of Alaska 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 flower, plant material and trimmings, (3) run off water from cultivation and processing, (4) any other materials or containers in contact with marijuana that risks contamination, (5) any other marijuana deemed as waste by the MCB or director. Marijuana waste will be stored away from all other marijuana under video surveillance. A notice via email will be sent out to AMCO enforcement not later than three (3) days prior to rendering any waste unusable and will be recorded in METRC. Marijuana waste will be rendered unusable by grinding and then mixing with other compostable and non-compostable material such as, food waste, yard waste, cardboard, paper and soil; until the resulting mixture is no more than fifty percent (50%) marijuana waste. Mercy Tree of Alaska licensees or designated staff member will maintain a log on the status of all marijuana waste, tracking the type, date of disposal, reason for disposal, date it was rendered unusable, and final destination. A waste truck or a designated staff member will collect the waste mixture and dispose of it at the local waste station. This information will be recorded in the disposal log and security stored as a business record, available to AMCO upon request. Mercy Tree of Alaska does not anticipate much liquid waste as they will be monitoring watering of plants and most liquid in any drip trays will evaporate. If there is any excess water it will be reused or composted. The water contaminants will be separated, collected and disposed of as hazardous waste where not re-utilized in the growing system. Records of all waste material transfers will be kept for a minimum of three years for view upon request by authorized authorities.

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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:

To ensure no marijuana odor is detectable by the public from outside the facility we will implement a multi teared plan revolving around fully sealed rooms. Each sealed room will run two carbon filtered air scrubbers with a atmosphere exchange rate of 1,500 cfm. The main multi use area of the facility will add redundancy by using carbon filtered exhaust in the make up air process.

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:

All harvested marijuana will be processed into harvest batches (batches of the same strain, harvested at the same time). A designated staff member of the facility will collect a testing sample at random from each harvest 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. Mercy Tree of Alaska 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 harvest batch will be segregated in the secured quarantine area. The facility will maintain all testing results as part of its official business records. Mercy Tree of Alaska 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 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 sale to a marijuana retail store that does not require further handling by the retail store will meet all packaging requirements. In order to do so, Mercy Tree of Alaska will ensure that no direct consumer sale package exceeds more than one ounce of marijuana and the package will have a space for the marijuana retail store to put its retail license name, logo and license number. Mercy Tree will prepackage joints, grams, eighths, half ounces, and ounces. Any prepackaged marijuana that is not packaged in opaque and/or child resistant packaging must be put into exit (child resistant and opaque) packaging by the retailer before the customer leaves the store.

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, and the licensee or a designated staff member 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

Colin Koenig
Printed name of licensee

AIMEE ROCUSH
My Commission
NOTARY PUBLIC
Expires 08-29-2023
STATE OF ALASKA

Aimee Rocush
Notary Public in and for the State of Alaska

My commission expires: 8/29/2023

Subscribed and sworn to before me this 2nd day of July, 2020.

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(Additional Space as Needed):

4.7 Continued: Roots Excelurator, Top Booster, PH Osmosis/Stabilizer, Amino Treatment, Drip Clean, Multi Zen, Rhizo Force, Shooting Powder, Top Shooter, CANNA PK 13/14, CANNA RHIZOTONIC, Great White Mycorrhizae, Xtreme Gardening Mykos Pure Mycorrhizal Inoculant, Orca Liquid Mycorrhizae, Atami Bloombastic, Clonex, Advanced Nutrients pH Down, Advanced Nutrients pH Up, Root Organics: Uprising Bloom, Uprising Grow, Uprising Foundation, Growth Technology: Clonex, Growth Science Nutrients: Strength Silica Supplement, Botanicare: Cal-Mag Plus, Liquid Karma, General Organics: Bio Root, Grown More: Sea Grow; Veg + Bloom, General Hydroponic, CALiMAGic, SHINE, +LIFE, PUSH, Stackswell, Mammoth P, RX Green Grow A&B, RX Green Bloom A&B, RX Green E-Plus, RX Green Bulk. . Mercy Tree of Alaska has extensively researched the above named fertilizers and have found that they either are acceptable in other states, acceptable for use on crops, and/ or have found no negative reports on consumer health associated with these fertilizers.

8.1 Continued: 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. 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. Packaging may include drams, joint tins and cardboard joint packs, jars, mylar bags, and other similar types of packaging. 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, and the licensee or designated staff member 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 and license number of the cultivation facility, a space for the retail logo/name and license number; (2) the five required warnings found at 3AAC306.475(a)(1-5); (3) the harvest batch number assigned to the marijuana; (4) the date the marijuana was packaged; (5) the net weight and the quantity 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 of the 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.

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