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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:	Ohlson Mountain Gold, LLC.	**MJ License #:**	16027		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	OHLSON MOUNTAIN GOLD, LLC				
Premises Address:	61255 Ohlson Mountain Road - Warehouse 2nd Floor				
City:	Homer	**State:**	Alaska	**ZIP:**	99603

Received by AMCO 10/18/18

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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:

Ohlson Mountain Gold, LLC is located 11 miles out of Homer in a rural area of the Kenai Peninsula. The cultivation facility will grow marijuana and will wholesale to licensed retail & manufacturers. Our facility will not sell directly to the consumer.

The facility is located and occupies all of the 2nd floor of our warehouse. The 2nd floor is approx 4,060 sq ft--all of which is considered a restricted access area. The facility will be managed & worked by the 2 joint licensees along with part time employees in the beginning year of operation. The facility is divided into 4 large rooms-within one room there is the Clean Rm, Security & Surveillance Rm and Clone, Mother & Veg area where initial potting begins; Rm 2 is a Flower Room, Rm 3 is another Flower Room with drying/curing area and a separate boiler room with drying/curing area, and the 4th room will be packaging & processing. Two rooms where there will be no plants of any size or any stage is in the Clean Room and the Security Surveillance Rm.

The Security & Surveillance Room will house all the video equipment of continuous video camera survelliance and business records.

There area two entrances/exits to enter the 2nd floor--restricted access area. These doors are locked always. A sign is posted at each of the two entries, "Restricted Area Visitors Must be Escorted". Camera survelliance, motion lights, and door alarms will alert us to any uninvited visitor. The only windows are 3 glass sliders on the south side which will be alarmed. Invited Visitors must comply with identification process outlined in 3 AAC 306.710

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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;** MJA

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** MJA

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.** MJA

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:

3 Rooms @ 56 Ft. by 20 Ft each = 3,360 Sq Ft.
-Room 1: 1,120 Sq Ft will house mother plants, clones, potting area, sink, storage and Veg Area. Also within this large room are two other smaller rooms: Clean Room and Security & Surveillance Room
-Room 2: 1,120 Sq Ft Flower Room and also houses HVAC system.
-Room 3: 1,120 Sq Ft Flower, Drying and Curing area. This room also houses the Boiler Room
-Room 4: 700 Sq Ft processing, trimming and packaging

Total = 4.060 Sq Ft

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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. HTY

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:

N/A

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:

Ohlson Mountain Gold marijuana cultivation facility is situated on 40 acres, and approximately 11 miles away from Homer, AK. The marijuana cultivation facility is well over 400 feet "down" from Ohlson Mt. Road. The facility is located on the second floor of a warehouse building. There are no windows.

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

1. Base - soil (tested by State of Alaska)
   Additives:
   - Azomite, Bat Guano, Blood Meal, Bone Meal, Dolomite or Sweet Lime, Epsom Salt, Kelp or Humid Acid, Rock Phosphate, Perlite, Vermiculite, Molasses, Mycorrhizae, carbon rich materials, nitrogen rich materials, coco fiber, earth worms and worm castings.

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

Fertilizer: 420 Fertilizer
Chemicals: None
Gases: CO2
|
10 Burner Liquid Propane - CO2 Generator #702869
|
Titan Controls #702610 Controls & Monitors CO2 in two areas from 0 to 5000 PPM

Received by AMCO 2.11.18

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

Irrigation system will be via drip irrigation on a timer and hand watering. Waste water will be vacuumed from drip pans under all plants, and then filtered to retrieve all undissolved items. These undissolved items will be returned to compost. The waste water will then be put down the drain and emptied out onto a DEC approved septic system/leach field.

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. MH

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:

The organic waste generated by the various facets of cultivation will be stored in totes with lids in the restricted access area within the licensed premise. Ohlson Mountain Gold will notify by means of the METRCS systems the AMCO the notice to dispose of this waste. After the three day period has been met per 3 AAC 306.740, Ohlson Mountain Gold will then start the process to make the marijuana waste unusable.

To make the marijuana waste unusable, we will grind the waste to a fine consistency to use as compost with our spent dirt or with our local topsoil off our property. The mixture will be approximately one part compost to three parts soil.

The next part of the process is to run Ozone through the dirt to sterilize for 12 hours. The ozonation of soil (sterilization) will kill any non wanted bugs, egg sacks and parasites. The ozonation process does not deplete any nutrient value of the soil. After the ozone process, fertilizers and nutrients will be added when needed; such as, perlite, worm castings, and earth worms to name a few.

The liquid waste generated by cultivation will be filtered to capture any non dissolved organics, soil, and minerals. This captured non dissolved matter will be integrated into the compost with the dirt.

The liquid waste water will be drained down our 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:

The short answer is "carbon filters". There will be an intake fan pulling air through the carbon filters, and then the air is recirculated throughout the premise. The odor will not be detectable by the public 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. MTT

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. MTT

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

Ohlson Mountain Gold, a marijuana cultivation facility, will provide a sample of "each" harvest batch of marijuana produced to a licensed marijuana testing facility. Once lab testing is complete and written report received, will we sell or transport any marijuana from that batch. Our procedures to be followed as outlined in 3 AAC 306.455 & 3 AAC 306.755 are:

* Designate an employee to collect a random sample,
* He/she will collect a random, homogenous sample for testing by segregating harvested marijuana into batches of individual strains of bud and flower, then select a random sample from each batch in amount required by the licensed marijuana testing facility.
* He/she will prepared a signed statement showing that each sample has been randomly selected for testing,
* and provide the signed statement to the licensed marijuana testing facility,
* and retain a copy of signed prepared statement for cultivation facility's business records. (Scanned and also made a part of our electronic files.)
* Prior to transporting to the testing the facility, the sample is documented by our inventory tracking system (METRC's) which produces a manifest.
* The driver/delivery person (whom has a marijuana handler's permit) will follow the directions of the manifest.

(Continued Response as a Supplemental on Page 7 of 7)

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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:

When we sell marijuana to a retail marijuana store packaged to be sold directly to the consumer without repackaging, we will follow these procedures:
- Only marijuana tested and written results received from licensed lab can be sold or transported.
- No package will exceed one ounce weighed by registered scales in compliance with the Alaska Weights and Measures Act.
- Each package will be in an opaque, resealable and child proof bag per 3 AAC 306.345.
- Label on each package will not have any cartoons nor images targeting persons under the age of 21.
- Each package will be affixed with a label (sample label attached) in compliance with 3 AAC 306.475
- Each package will be affixed with METRC inventory tracking label.

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:

When we sell to a marijuana in wholesale packages, the following procedures will be followed:
- Only marijuana tested and written results received from licensed lab can be sold or transported.
- No package will exceed 5 pounds weighed by registered scales.
- Each package will be affixed with a label (sample label attached) in compliance with 3 AAC 306.475.
- Each package will be affixed with METRC inventory tracking label.

Continued on attached Supplemental page 7 of 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

Mary L Amida
Printed name of licensee

Notary Public in and for the State of Alaska

My commission expires: 9-12-2021

Subscribed and sworn to before me this 2nd day of February, 2018.

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Question 8.1 Sample of Retail Label

Cultivator: Ohlson Mountain Gold
License #: 16027
HB #:
METRC #:
Strain:
Fungicides, Herbicides, Pesticides:
Net Weight:

Cannabinoid Profile:
Total THC:
THC:
THC-A:
Total CBD:
CBG:
CBG-A:

Retailer: Lic. #

ALASKA SAFETY WARNING: Marijuana has intoxicating effects and may be habit forming and additive. 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.
Produced by Ohlson Mountain Gold, LLC
Homer, Alaska 99603

METRC LABEL AFFIXED HERE

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Ohlson Mountain Gold, LLC Lic #16027

Question 8.2 Sample of Wholesale Label

Cultivator: Ohlson Mountain Gold, LLC.
License # : 16027
HB #:
Net Weight:
Strain:
Tested By:
License # :

Cannabinoid Profile:
Total THC:
THC:
THC-A:
Total CBD:
CBDA:
CBN:

Microbial Test:
Fungicides, Herbicides, Pesticides:
Soil Amendments:

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.

Produced by Ohlson Mountain Gold, LLC.
Homer, Alaska

METRC LABEL AFFIXED HERE

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(Additional Space as Needed):

Section 2.1 Provide an overview of your proposed facility's operations. Including information regarding the flow of marijuana from see or clone to harvest and transfer from your premises: (continued)
Upon entrance to the restricted access area (north side--internal access), the first room encountered is the "clean room"--a separate room within the Mother, Clone & Veg room area. This is where sperm suits are donned to minimize contamination and other disinfected procedures occur. Exiting the clean room into the Clone & Mother Plant room, this is where the process of growing marijuana begins: There can be no more than 50 clones at any given time in our licensed cultivation facility. Once the clones reach 8 inches in size, they are transplanted into 1 gallon containers and the identification & tracking process begins. Each plant is tagged with their own bar code and inputted into METRC's as to type of strain. This tag follows the "life of the plant" until it is packaged to sell. (Other tags by METRC's are then used.)

As time progresses in the Veg Room, 420 fertilizer and Guano/composite tea is added to the soil as needed for growth of the plant. Once the plant reaches a desired size, they are transplanted into 5 gallon planters making sure the same tracking/bar code tag is attached. In the Flowering Room, the plants are constantly checked for trichome, color, terpenes aroma of sweet, citrus, spice or pine. At the desired maturity, the plants are harvested down to the bud/flower with their tag. Trim goes to waste in a plastic tote (secured). The bud/flower from each respective plant with tag are dried to reach the proper humidity level. After desired humidity level is reached, the buds/flowers get a final trim. The waste goes in a plastic tote (secured). The buds/flowers from each of the plants with their tags are put in their separate small totes to cure. Once the bud/flower reaches personal approval level of curing, a random sample is sent off with a manifest to a licensed testing lab for results. (This is all noted in METRC's and METRC's creates the manifest.) The designated person gathering the sample will also prepare a signed statement to the lab that each sample was randomly selected. (A copy of statement is filed in Ohlson Mountain Gold's business records.) The batch remains secured and segregated--no selling occurs.

Once we receive "written results" from the lab, we will then package the bud/flower into desired weights no greater than 5 lbs if selling to licensed retailer to repackage or licensed manufacturer. If sold to licensed retailer without the need to repackage, the net weight (gross weight less weight of packaging material) cannot exceed one ounce. The marijuana is weighed by registered scales in compliance with the Alaska Weights and Measures Act. (Depending if we sell to retailer without retailer need to repackage or if we sell to retailer so they can package, the appropriate type of label is affixed to each package per 3 AAC 306.470 and 3 AAC 306.475) The package is then affixed with a METRC bar code label. A label is also affixed to the shipping container disclosing name of cultivation facility and license number, name of testing facility and license number, results of test to include: cannabinoid potency profile expressed in a range of percentages, statement listing the results of microbial testing, statement listing the results of residual solvent tested, statement listing test results on contaminants: molds, mildew, and filth; herbicides, pesticides, and fungicides and harmful chemicals. Ohlson Mountain Gold, LLC will make it a practice to have each batch tested for all contaminants listed.

From METRCS, a manifest is produced-a copy goes with marijuana being transported and a copy is retained for business records. The manifest discloses date, driver, vehicle, vehicle license, destination (licensed marijuana retailer or manufacturer and their respective license numbers), time of departure, estimated time of arrival, and direct route to destination and amount and strain of marijuana. The marijuana is transported in a secured locked container in the vehicle. Driver does not make any unnecessary stops and follows the direct route on manifest.

Ohlson Mountain Gold, LLC will utilize a currency authenticator and counter to secure payment. The licensed retailer or manufacturer will receive the marijuana and input the receipt of marijuana into their METRC's system. The control of the marijuana has then been transferred.

Meanwhile, we have notified AMCO by means of the METRC system that we want to dispose of waste. We will wait 3 days before we dispose of waste by making it unusable.

Section 7: Testing Procedures & Protocol. Response to Question 7.3 (continued):

* The sample will be in the secured lock box in the vehicle. The driver/delivery person will go straight to the licensed testing facility.
* Back at the cultivation facility, the entire batch from which the testing sample was selected is segregated. The batch is stored in plastic totes in a secure, cool and dry location while preventing contamination and maintaining efficacy.
* Once "written" testing results have been received, will we sell and transport the marijuana of the segregated batch.
* These 'written" testing results will be maintained in our business records. The written results will be scanned to become also a part of our electronic files as well as our paper files. These business records are housed in our Security & Surveillance Room.

Section 8.2: Will the marijuana cultivation facility be packaging marijuana in wholesale packages? (continued)

The following statement content will be on each label affixed to the "shipping container" :
- Name of Cultivation Facility. License #___
- Name of Testing Facility. License #_____
  Results of the test to include:
  - Cannabinoid potency profile expressed in a range of percentages
  - Statement listing the results of microbial testing
  - Statement listing the results of residual solvent tested
  - Statement listing test results on contaminants: molds, mildew, and filth; herbicides, pesticides, and fungicides and harmful chemicals

Ohlson Mountain Gold will make it a practice to have each batch tested for all contaminants listed above.

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