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:	Gregory P Hoffman	**MJ License #:**	10231		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	420 Grow Tech				
Premises Address:	10064 N.Arnistead Circle				
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:

Once the seed banks are inspected they will be separated into strain specific packages containing less that 50 seeds. Each grouped and packaged in METRC, and will be tracked through there assigned package tag until unpackaged and planted. Seedlings and clones will be separated into strain specific groups, of less than 50 within METRC. Clone maps , and charts will also be used to ensure accountability. Tracking of clones and seedlings once they reach 8 inches in height will be assigned individual I.D tags within METRC. Once 8 inches in height plants will be switched to vegetative. All vegetative plants will have individual I.D tags which will track them until they are harvested. Once plants change from (grow vegetative) to flowering plant logs will be kept and updated in METRC. Once harvested usable strain specific batches will be made. Wet waste or dying material will be logged on tracking forms as well as within METRC. Plant waste will be deducted from the batches within METRC and, AMCO will be notified in writing 3 days before rendering unusable. Buds and trim will be made into batches and, dry waste will be logged within METRC, and reported to AMCO 3 days before rendering unusable. Each batch will have samples taken and, submitted for testing once cleared from testing facility/upon approval. Wholesale packages will be made to fill retail orders, and logged and tracked weighed by approved weights of no more than 5 pounds. Each batch will be weighed on scales registered under weights and measures act. Homogeneous samples will be made available for testing during growth cycles. Tested and cleared marijuana will be packages for wholesale a log will be kept, a manifest will be made.
METRC packaging will be durable tamper evident package stating these 5 statements. (continued page 7)

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;** YA

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** YA

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.** YA

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:

There will be 300 square feet under cultivation. There will be a waste trim, storage, mulching, packaging, water container room of 54 square feet for a total of 354 square feet of licensed cultivation facility. Grow room (vegetative, clone, bud/flower)
area consisting of 12 x 25 equaling 300 Sq. Ft. Trim, storage, mulching, packaging, water container area consisting of 9 x 6 Sq. Ft = 54 Sq. Ft.

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(Additional Space as Needed):

1. Marijuana has intoxicating affects and may be habit forming, and addictive. 2. Marijuana impairs concentration, coordination, and judgment do not operate a vehicles or machinery under its influence. 3. There are health risks associated with consumption of marijuana. 4. For use only by adults 21 years or older keep out of reach of children. 5. Marijuana should not be used by women who are pregnant or breastfeeding. 1. A shipping manifest will be made in a triplicate. A log and manifest of all tested and improved marijuana a copy of the manifest will be placed in a sealed tamper evident container locked in the safe in the trunk of the vehicle. A copy of the manifest will also be kept on the licensee or agent of at all times. 2. A copy said manifest will be produced upon delivery of marijuana. 3. Package will not be opened at any time of transport and must go directly without stopping to place of delivery origin. 2.1 Continued answer

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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. DM

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:

This is an indoor cultivation with two windows, windows will be completely blacked out with plastic, and shutters on the inside, bars of the outside. When the garage door is opened it will open to a semi-permanent doored wall. No one will be able to see in once so ever. No marijuana will be viewable at all times.

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

This will be a dirt operations using pro mix, or similar like soil.

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

No pesticides, no Co2, no herbicides, or fungicides will be used. This will be a sterile environment, and will have no need for these products.

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

Organic fertilizers will be used from the brand General Hydroponics, P.H up, P.H down, Bio Root, Bio Weed, Bio Thrive, Flora Grow, Flora Micro, Flora Nova Bloom. NSR Green Leaves brand products consisting of Boost Juice, and Root Juice.

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

All plants will be watered by licensee or agent of. Water will flow from water container threw sub-pump through hose and wand to plants while being hand watered to make sure there is no overflow. Plants will be fitted with catchment trays. any excess water will be reabsorbed back into the plant or evaporate. If there is any excess water left over it will be collected and disposed of in accordance with hazardous waste guidelines. To be disposed of at waste collection center (HWCC) at local landfill. The facility will produce less than 220 pounds of hazardous waste per month and is classified as conditionally exempt small quantity generator (CESQG). This will be disposed of at local landfill Palmer MSB Central landfill.

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 solid and liquid waste will be subject to three days prior notice to AMCO all solid and liquid waste product will be stored in a locked storage area inside the licensed facility. Continuous video monitoring will maintained on the waste until it is disposed of at local landfill Palmer MSB Central Landfill. Once notice is given and three days has past all solid waste will be ground/mulched in mulching garbage containers until it is over 50% organic material such as cardboard ,leaves ,wood ,lawn product being sure it less than 50 % marijuana waste product. Once rendered unusable it will be taken to locked on-site dumpster then to the Palmer MSB Central landfill its final destination. A log will be made of all waste with date time date and destination. Liquids all marijuana plants will be fitted with Catchment trays under them to catch any water over flow plants will be hand watered by licensee or agent of with valid handlers card to avoid overflow. In the instance the water will reabsorb back into the plants or evaporate if there is any left over it will collected and disposed of in accordance with hazardous waste guidelines. To be disposed of at Hazardous waste collection center (HWCC) at local landfill Palmer MSB Central Landfill. Since the licensed facility will be producing less than 220 pounds of waste per month it is classified as conditionally exempt small quantity generator (CESQG) and will be disposed of at Palmer MSB central landfill

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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:

Airtight containment will be made using vapor barrier on ceiling and walls of the facility. Ducted fans will pull air from the facility thru cylindrical carbon filters rendering the air odorless before being exhausted out of the facility to prevent any odor from being released and detected 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:

Upon being requested by the board or director, requiring random samples be taken for compliance checks of the proposed licensed facility a licensee or agent of the facility will notify a independent licensed testing facility (of the states choice if applicable to send a representative to collect the required samples this way a chain of custody is established lowering the risk of possible unintentional contamination due to improper sample collection. All marijuana products will be tested for a battery of impurities and contaminants as required by the state. To be tested by a state licensed facility in accordance with 3aac 306.455 the facility will collect random samples from homogeneous batches of individual strains of leaf bud or flower in the amount required by selected testing facility. The marijuana will be segregated and quarantined in up to 5 pound batches and kept under constant surveillance until testing has cleared the batch. 420 grow tech will ensure the necessary signed statement will accompany the test samples to the testing facility. This will be done by the individual responsible for collecting the random homogeneous samples.

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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:

N/A

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:

Once marijuana has been harvested a sample will be taken from each batch . These samples will be sent a licensed marijuana testing facility for testing. While waiting for test results the batch will remain quarantined until it has past all required tests from the licensed testing facility. Marijuana will then be packaged for wholesale in up to five pound batches to be transported to licensed marijuana retail stores for sale. A log will be made and kept on file for all batches with weight, date, and time of harvest and test results in said log. Packaging and labels will meet state and AMCO requirements and standards for cultivators. All marijuana slated to leave the licensed facility will have a log made and a label affixed to a durable tamper evident METRC package.Within said package will be a manifest. The said manifest will also be kept on the licensee or agent of with a valid handler's card one for records and one on licensee or agent of who is transporting the batch before being allowed to leave the facility. In accordance with 3AAC 306.470 when packaging marijuana consisting of five pounds or less in accordance with 3aac 306.475 the affixed label will state these five things

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

Gregory Hoffmon

Printed name of licensee

SANDRA A. BRICE NOTARY PUBLIC STATE OF ALASKA My Commission Expires: 3-7-21

Notary Public in and for the State of Alaska

My commission expires: 3-7-21

Subscribed and sworn to before me this 16th day of May, 2018.

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License #_____

Continued from 8.1

420 Grow tech
AMCO cultivation license #10291
Wholesale Sample Label

HARVEST BATCH # KUSH 12345

MARIJUANA NET WEIGHT: 227grams
Harvest Date: 09/25/2018

MARIJUANA INFORMATION

STRAIN NAME: OG KUSH

STRAIN TYPE: Sativa dominant hybrid

TEST LAB: CannTest License #10009
TEST DATE: 10/22/2018
TEST RESULTS:
- TOTAL THC: 22.07% (3 month range: 18.53% - 22.29%)
- TOTAL THCA: 24.82% (3 month range: 20.55% - 25.09%)
- TOTAL CBD: .06% (3 month range: .05% - .06%)
- TOTAL CBDA: .06% (3 month range: .05% - .07%)
- TOTAL CANNABINOID: 26.97% (3 month range: 22.22% - 26.97%)
- MICROBIAL TESTING
  - E-Coli (STEC) Bacteria: Pass
  - Salmonella: Pass
  - Aspergillus: Pass
  - E-Coli (STEC): Pass

Not Tested: Herbicides, Pesticides, Fungicides, Harmful Chemicals

NUTRIENTS USED IN CULTIVATION

PEST PROTECTANTS USED IN CULTIVATION

NO FUNGICIDES OR FUMIGACIDES USED IN CULTIVATION

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.

P 7 Lic # 12317

AMCO Received 10/23/2018

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