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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:	SMG, LLC	**MJ License #:**		17105	
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	SMG, LLC				
Premises Address:	972 N. Satisfied Dr.				
City:	Wasilla	**State:**	Alaska	**ZIP:**	99654

AMCO Received 1/10/2019

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 SMG, LLC 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 five 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 five 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;**

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**

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.**

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 entire facility is approx. 1600 sq feet, but the areas under cultivation will be less than 500 sq feet.
There will be two rooms under cultivation - the vegetation/clone room and the flower/bud room.
The vegetation room is a 7'11 X 25' open floor concept resulting in 197.5 square feet in area under cultivation.

The Flower/bud room is 11'10x25 in open floor space concept resulting in 295 square feet in area under cultivation.

totaling 492.5sq feet in cultivation.

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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. see old mj04 pg 3 for initial for this answer.

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:

SMG LLC will ensure that marijuana cannot be visible by the public from the door to the facility and will not have windows in the cultivation rooms. This cultivation facility is on a second floor garage twelve(12) feet high, with the only access from a metal commercial door on the first floor with a coded commercial lock.

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

SMG LLC will utilize the flowing mediums;
-peal moss; fox farm Ocean Forrest Potting Soil; perlite; vermiculite; PRO mix- mycorrhizae; Hp, Bx
-earthworm castings; sea going fish and crab meal; Lime; Bone Meal

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:

Clonex - Rooting Gel (EPA #79554-1); NATURE-CIDE ALL PURPOSE INSECTICIDE (exempt-25(b)); NIMBIOSYS NEEM OIL (EPA #84181-2); Nemododes - Natural Insect predators

Pyrethrum-pr. (i.e. PYRETHRUM TR TOTAL RELEASE INSECTICIDE) (EPA #499-479); and any other pesticide that is approved and listed on the DECs Marijuana approved pesticide list.

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

SMG, LLC will be utilizing the following fertilizers: Advanced Nutrients; overdrive weight gainer, Ph up, Ph down General Hydroponics; Ph Solutions for calibration Nutrients; Flora-Grow juice 7/4/10 Fox Farm Nutrients; Big Bloom, Grow Juice, Tiger Bloom, Bloom Juice, Grow Big - Tiger Bloom, Sesame Crystals, Chi Ching Crystals; NSR Green leaves Nutrients; Grow juice; Super thrive vitamin Solution(NO CO2 Will be used)

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

SMG LLC will utilize a wand/hose as a watering technique.

There will be three 300 gallon plastic up-right storage tanks for acclimated water , and three 33 gallon food grade plastic buckets all with electric water pumps with adjustable ends for control and watering purposes.

Any waste water will be collected into containers and will be reused in the compost or garden water.

SMG, LLC will not be using CO2

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:

SMG LLC 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 flowers, 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 be stored away from all other marijuana in a locked container and will rendered unusable prior to leaving the facility for disposal. A notice via email will be sent out to AMCO enforcement not later than three days prior to rendering waste unusable and will be recorded in METRC when that function becomes available. 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. Management 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 will collect the waste mixture and dispose of it at the local borough waste station. During phases of small waste batches, Tony or Licensee or general manager may dispose of the unusable waste in their outdoor compost. This information will be recorded in the disposal log and security stored as a business record, available to AMCO upon request.

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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:

SMG LLC will be utilizing Commercial grade air cleaners ;AiroClean420 (photocatalytic Air Purifying System)through the facility and cultivation areas to filter the air before it has to be vented outside. SMG LLC will Then have Commercial Grade Virgin Carbon filters that will be regularly replaced to ensure maximum performance at all times. The Virgin Carbon filters will be 8 to 10 " in size(intake) with around 1000 cfm, to provide maximum air-quality control. The filters will be checked and replaced on a regular basic and will be tested by going out side to the perimeter of the building and take a "Smell Test" and see if you can detect any odor of marijuana at all. This test can be tested on a daily/weekly basis. At any time the odor control is not enough we will ad what is needed to fix the smell so we have a no odor zone at this 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:

All harvested marijuana will be processed into batches of five pounds. A designated employee or licensee from the facility will collect a testing sample at random from each 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. SMG LLC will transport all samples to a licensed testing facility in compliance with the state regulations and the company's transportation policies. The cultivation 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 batch will be segregated in a secured quarantine area. The facility will maintain all testing results as part of its official business records, and will enter the results in METRC. SMG LLC 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?	X	

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:

The shipping container 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, (4) a statement listing the contaminants for which the marijuana was tested, including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals. Any packaging done at the facility will be performed in a area specifically set aside for packaging and monitored with a 24 hour surveillance. Packaging will be uniform with the labels secure and 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 agents package marijuana they will be placed in sanitized, air tight containers, labeled with all compliant labeling information, and be given a barcode for the inventory control system. 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 a log, and the on site manger will check all final packages to ensure that they will secure marijuana from contamination and not to impact toxic or deleterious ant not impact toxic or deleterious substances. Labels will include (1) the name and license 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 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.

the facility will ensure that all packages prepared for direct consumer sale without repackaging by a retail facility will be in units less than one ounce, and packaged in a child resistant package that is opaque and contains the required warnings and testing results. See attached sample label on p. 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 five 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 a log, and the on site manager or license will check all final packages to ensure that they will secure marijuana from contamination and not to impact 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 extend from the lowest percentage to the 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,(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 the following; (1) the date of final testing,(2) the cannabinoid potency profile, expressed as a range of percentages that extends from the lowest percentage to the 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, (4) a statement listing the containments 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 containments, a label will be affixed identifying each such containment.

see attached sample label on p. 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

VALERIE MASTOLIER
Notary Public
State of Alaska
My Commission Expires Jun 7, 2022

Notary Public in and for the State of Alaska

Anthony S. Delarme
Printed name of licensee

My commission expires: 6/7/22

Subscribed and sworn to before me this 12 day of December, 2018

AMCO Received 1/10/2019

(Additional Space as Needed):

Section 8.1 sample label:

Front of Package	Back of Package
window to view product *Strain Name* **Indica-Dominant** Net Weight: 3.5 g (0.124 oz.)	Cultivator: SMG LLC License #17105 HB#: XXXXX Strain: Ganja Blues **METRC #:** 36B8750000364511 15AB **Testing Lab:** ABC Lab **License #:** 17105 **Testing Date:** 02/05/2018 **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

8.2 Wholesale sample label

Cultivator: SMG LLC
License #17105
HB#: XXXXX
Strain: Ganja Blues

METRC #: 36B8750000364511 15AB
Testing Lab: ABC Lab **License #:** 17105
Testing Date: 02/05/2018
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.

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