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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:	SMOKING JOE'S TERPS CO.	**MJ License #:**	16511		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	SMOKING JOE'S TERPS CO.				
Premises Address:	24276 Moraine Vista ST				
City:	Kasilof	**State:**	Alaska	**ZIP:**	99610

Received by AMCO 7.23.18

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:

The proposed facility will have one clone room and three veg rooms. Clones will be entered into Metrc and will be limited to batches of 50 and identified by a batch tracking number. Once clones reach 8" in height they will be entered into METRC and then be moved into one of the veg. rooms for growth. Then into the flower rooms until harvested. Once harvested all bud/flower and trim will be kept in harvest batches of distinct strains not exceeding five pounds. Each harvested batch will be given an inventory tacking number. Each batch will be tested. Any transported batch will be entered into METRC and generate a valid transport manifest to accompany the transported batch. Enforcement will be given at least three days notice before and marijuana waste is made unusable and disposed of.

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;**	JT
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**	JT
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.**	JT

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:

clone room #1 9x7.=63sqft
Veg. room #1 12x15=180sqft
Veg. room #2 7x20=140sqft
Veg. room #3 14'x80'=1120sqft
Flower room #1 50x15=750sqft
Flower room #2 50x25=1250sqft
Flower room #3 31x29=899sqft
Flower room #4 12x30=360sqft
Flower room #5 34'x30=1020sqft
Flower room #6 34'x50=1700sqft
Total under Cultivation= 7482sqft

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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. JT

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:

The proposed facility is designed to be a completely indoor growing cultivation facility. There will be no direct outside access from the designated growing area. No marijuana will ever be visible to the public.

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

1.) Hydroton-Clay pebbles
2.) Grodan-high quality horticultural stone wool
3.) Pro-mix BX Mycorrhizae-a general purpose peat-based professional growing medium suitable for a wide variety of horticultural plants and transplanting applications.
4.) Cocotek-Coco Coir line of Organic Growing Media that contains only coconut pith and fibers

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:

NUKE EM exempt-25(b)
SAFER BRAND INSECT KILLING SOAP WITH SEAWEED EXTRACT II EPA #42697-59
SNS 217 RTU SPIDER MITE CONTROL exempt-25(b)
Delivery system will be: Hand sprayer

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

Fertilizers utilized will be: Emerald Harvest Emerald Harvest Cal Pro Grow A, Emerald Harvest Cali Pro Bloom A, Emerald Harvest Cali Pro Bloom B, Emerald Harvest Emerald Goddess, Emerald Harvest Honey Chome, GH Flora Gro, GH Flora Bloom, GH Flora Micro, GH Floralicious Plus, GH MaxiBloom, Emerald-ttriangle-crystal-burst, Vermi T Bio, Advanced nuitrients, Age Old, Roots Organic, General Organics, General hydroponics, Cutting edge.
Delivery system will be: Hand watering
Gases: CO2 with tank with Sentinel GPS CPPM-4i Fussy Logic CO2 Controller Delivery system will be: CO2 tubing from the regulator to behind a circulation fan controlled with the Sentinel

Received by AMCO 11.15.18

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

The cultivation facility irrigation will all be all done by hand. And the waste water system from each plant will be drained into a sump and the sumps will be pumped into a tote for storage. The tote of waste water will be reused with the next watering. This will be a continuous cycle and between water cycles some may evaporate before the next watering.

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. JT

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:

There will be zero liquid Marijuana waste including wastewater. The water will be reused 100%. The plant waste will be stored in totes in the watering room until disposal. The plant waste will be made unusable by grinding the marijuana plant waste and mixing it with at least an equal amount of other compostable or non-compostable materials. Material that may be mixed with the marijuana waste includes
(1) compostable materials including food waste, yard waste, vegetable based grease or oils.
(2) non-compostable materials including paper waste, cardboard waste, plastic waste, oil.

Once this is done, the mulched material will be rendered unusable per statute and will be reused again in Bert Nelson home garden/flowerbeds etc. or taken to the landfill for solid waste disposal.

The marijuana inventory tracking system requires under 3 AAC 306.730, to give the board notice not later than three days before making the waste unusable and disposing of it.

Received by AMCO 7.23.18

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:

An canister style air scrubber with carbon filters (also called 'carbon scrubbers') will be used to pull the smells out of the air, neutralizing any odors that pass through.

The filter will be used on all air exhausted from the facility to prevent any marijuana odor from being detected by the public.

Ozone generators may be utilized if determined necessary near exits to mitigate any unwanted smell from exiting the facility that may/could exist.

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.	JT
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.	JT

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 proposed 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 required by the selected testing facility. Harvested marijuana will be segregated in five pound lots. While results are pending, batches will be "quarantined" until it is deemed acceptable by 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.

Received by AMCO 7.23.18

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:

Smoking joe's Terps Co. facility shall package its marijuana bucl ancl flower for sale to a retail marijuana store in a package not exceecling one ounce for resale to consumers without aclclitional hanclling by the retail marijuana store except to aclcl the retail marijuana store's own iclentifying name or logo; ancl license number. When we packages marijuana for a retail marijuana store to sell to a consumer without repackaging, the packaging may not have any printecl images, inclucling cartoon characters, that specifically target persons uncler 2ı years of age. In aclclition, the packaging will protect the procluct from contamination ancl may not impart any toxic or clamaging substance to the marijuana. Each package preparecl will be iclentifiecl by a tracking label generatecl by are tracking system. Smoking joe's Terps facility shall prepare marijuana for transport or transfer to another marijuana establishment by placing marijuana packageci within a sealecl, tamper-eviclent shipping container; affixing a label in compliance with 3 AAC 306.475 to the shipping container; ancl generating a transport manifest from the marijuana cultivation facility's marijuana inventory tracking system; the transport manifest must remain with the marijuana at all times while being transportecl, ancl a copy must be given to the licensecl marijuana establishment that receives the shipment. Sample label 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:

Smoking Joe's Terps facility shall package its marijuana bud and flower for sale to a retail marijuana store in a wholesale package not exceeding five pounds for repackaging by the retail marijuana store; or to a marijuana product manufacturing facility in a wholesale package. Not exceeding five pounds; and consisting of a single strain or a mixture of strains as identified on the label. Each package prepared must be identified by a tracking label generated for tracking by the marijuana cultivation facility's marijuana inventory tracking system. We shall prepare marijuana for transport or transfer to another marijuana establishment by placing marijuana packaged within a sealed, tamper-evident shipping container; affixing a label in compliance with 3 AAC 306.475 to the shipping container; and generating a transport manifest from the marijuana cultivation facility's marijuana inventory tracking system; the transport manifest must remain with the marijuana at all times while being transported, and a copy must be given to the licensed marijuana establishment that receives the shipment. Sample label 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

Jacob Thom

Printed name of licensee

OFFICIAL SEAL
Johni Blankenship
Notary Public - State of Alaska

Notary Public in and for the State of Alaska

My commission expires: 9-20-2019

Subscribed and sworn to before me this 23rd day of July, 2018.

Received by AMCO 11.11.18

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(Additional Space as Needed):

8.1 sample label retail
Warning
(1) 'Marijuana has intoxicating effects and may be habit forming and addictive.";
(2) "Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence.";
(3) "There are health risks associated with consumption of Marijuana.";
(4) " For use only by adults twenty-one and older. Keep out of the reach of children.";
(5)Marijuana should not be use by women who are pregnant or breast feeding.'.
Smoking Joe's Terps Co.
License # 16511
Strain: Smoking Joe's Terps Honey Banana
Harvest Batch # 1 (provided by Metric)
Net Weight 1oz
No Pesticides, Fungicides, or Herbicides were used in the Cultivation of this Marijuana.
(Test Results)Including: Cannabinoid potency, Microbial, Contaminants of residual Solvents, any additional contaminants
Tested by Cann Test
All nutrients used in the cultivation of this Marijuana were Emerald Harvest nutrients.
This Marijuana was grown in Pro-mix BX soil.

8.2 Sample Label wholesale
Smoking Joe's Terps Co.
License # 16511
Strain: Smoking Joe's Terps Honey Banana
Harvest Batch # 1 (provided by Metric)
Net Weight 1LB.
No Pesticides, Fungicides, or Herbicides were used in the Cultivation of this Marijuana.
Wholesale Marijuana must be repackaged for resale.
(Test Results)Including: Cannabinoid potency, Microbial, Contaminants of residual Solvents, any additional contaminants
Tested by Cann Test
All nutrients used in the cultivation of this Marijuana were Emerald Harvest nutrients.
This Marijuana was grown in Pro-mix BX soil.

Received by AMCO 11.15.18