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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:	Excelsior Solutions, LLC	**MJ License #:**	28104		
License Type:	Limited Cultivation Facility				
Doing Business As:	The Hash Frontier Gardens				
Premises Address:	3662 S Hillrise Circle				
City:	Wasilla	**State:**	Alaska	**ZIP:**	99654

Received by AMCO 9/7/2021

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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:

Marijuana will be grown from seed or clone and assigned a tracking number in METRC inventory tracking system once plants reach a height of 8 inches tall. Medium will be recycled organic living soil grown under a combination of HPS and LED lighting. Marijuana will be grown in vegetative cycle in designated veg area until large enough to flower. Plants deemed ready to flower will be walked through the licensed area to the flower room to begin a light cycle of 12 hours on and 12 hours of complete darkness for 55-75 days until licensee determines plant is ready to harvest. Marijuana will be harvested and allowed to dry in designated area until ready to trim. Harvested marijuana will be grouped into batches not to exceed ten (10) pounds and assigned a METRC harvest batch number. A random sample will be collected from each batch and taken to a state licensed testing facility for testing. Marijuana that passes testing will be transferred to a licensed retail facility for retail transactions. Marijuana trim will be transferred to a licensed manufacturing facility for use in concentrates or edibles. All marijuana transferred will be manifested in METRC and a transport manifest will accompany the marijuana while transported.

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:

Flowering Room - 20'L x 16'W = 320 Square Feet

Vegetative Area
Vegetative Racks - 6 x (4'W x 1.5'D - 6 Sq. Ft per Shelf) Racks
3x 3 shelf racks @ 6 Sq. Ft. Per shelf = 18 Sq. Ft. x 3 = 54 Sq. Ft
3x 2 shelf racks @ 6 Sq. Ft. Per shelf = 12 Sq. Ft. x 3 = 36 Sq. Ft
Total Veg Racks 1-6 = 90 Sq. Ft.

Nursery Area - 8'L x 2'D - 4 shelves @ 2' x 4' = 32 Square Feet
Vegetative Area A - 8'L x 7'W = 56 Sq. Ft.

TOTAL Veg: 54+36+32+56 = 178 Square Feet

Total Area Under Cultivation
Flower - 320
Vegetative - 178
TOTAL: 498 Square Feet

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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. [x]

Answer "Yes" or "No" to the following question: Yes No

4.3. Will the marijuana cultivation facility include outdoor production? [ ] [x]

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:

Marijuana will be grown indoors only, and will not be visible to the public from the outside of the facility. The only windows in the Vegetative room/Production room will be blacked out completely which will fully prevent visibility of marijuana.

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

Living soil medium consisting of peat moss, coconut coir and perlite and a blend of all natural supplemental micro and macro nutrients. (listed in 4.7) Sunshine mix #4 , humified compost, forest humus.

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:

Athena IPM - Exempt 25b, Lost Coast Plant Therapy - Exempt 25b, The Amazing Doctor Zymes Eliminator - Exempt 25b, Bonide Diatomaceous Earth - EPA #73729-1-4

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

Liquid bone meal, phosphate, liquid lime, liquid calcium, nitrogen, potash, calcium, kelp extract, humic acids, sucrose, glucose, crab and shrimp shell meal, phosphoric acid, endomycorrhizal fungi, silicate, enzymes, beneficial microbes, molasses, fulvic acids, amino acids, carbon, protein hydrolysate, slf-100, langbeinite, alfalfa meal, rock phosphate, fish bone fertilizer, earth worm castings, ferrous sulfate, feather meal, soybean meal and calcite. Clonex rooting gel, monosilicic acid, biochar, greensand, sulfate of potash, fish meal, crab meal, seabird guano, shrimp meal, bat guano, mycorrhizal innoculant, calcium carbonate, recharge, silica, mono-potassium phosphate, calcium phosphate, calcium nitrate, potassium sulfate. seaweed extract, veg and fruit yield enhancer. No Carbon Dioxide will be used in this facility.

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

Vegetative and flowering plants will be watered using a reservoir that contains water and nutrients mix with pump at bottom attached to a wand style hose attachment with a lever that turns on/off. Clones will be hand sprayed with light nutrients and large veg plants/mothers will be sprayed with foliar sprays throughout the vegetative cycle.

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:

Any marijuana waste will consist of stalks, roots, plugs, stems and miscellaneous plant material (fan leaves) and will be made unusable by grinding the marijuana waste and mixing it with at least one part compostable or non-compostable materials. AMCO will be notified at least 3 days prior to making the material unusable and disposing of it. Waste made unusable will be disposed of at a borough 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:

Facility will use industrial grade carbon scrubbers and air filtration system to clean and destroy odors and produce fresh air inside the facility, ensuring that the facility will not emit an odor that is detectable by the public from outside. Please note that we do not have any neighbors and are the only residence on our street.

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:

This cultivation facility will provide random samples from each harvest batch package of marijuana produced at the facility to a licensed marijuana testing facility and will not sell or transport any marijuana until all laboratory testing has been completed. The licensee, employee or agent designated by license will collect a representative sample for testing from each harvest batch package that has been uniformly dried and cured, in an amount set out in 3 AAC 306.455. The licensee will designate an individual responsible for collecting each sample; that individual will be responsible for preparing a signed statement to the marijuana testing facility; and maintain a copy as business records and transport the samples to the marijuana testing facility. This facility will segregate the harvest batch package from the testing sample that was selected until the marijuana testing facility reports the results from its tests. During this period of segregation, this facility will maintain the harvest batch package in a secure, cool and dry location (MJ Product Storage) to prevent the marijuana from becoming contaminated of losing its efficiency. This facility will not sell or transport any marijuana from the segregated harvest batch package until the marijuana testing facility has completed its testing, and provided those results, in writing.

This facility may transfer untested marijuana to a licensed marijuana concentrate or marijuana product manufacturing facility to be used to make carbon dioxide- or solvent- based extract. After processing, the carbon- dioxide or solvent-based extract must pass all required tests.

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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:

Marijuana will be packaged in a package not exceeding one ounce for resale to consumers without additional handling by the retail marijuana store except to add the retail marijuana store's own identifying name or logo and license number. The packaging will not have any printed images,including cartoon characters, that specifically target persons under 21 years of age. In addition, the packaging will protect the product from contamination and will not impart any toxic or damaging substance to the marijuana. Packages will be affixed with a label that will contains the following statements: 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. With each harvest batch of marijuana sold, this facility will include in writing each soil amendment, fertilizer, and other crop production aid applied to the growing medium or marijuana plant included in the batch, including any pesticide, herbicide, or fungicide that was used; and the name of the licensed marijuana testing facility that performed any required laboratory test and the results of each required laboratory test. This facility will not label the marijuana grown as organic. To each package of marijuana sold to another marijuana establishment, this facility will affix a label setting out the name and license number of the marijuana cultivation facility where the marijuana was grown; the inventory tracking number assigned to the marijuana in the package; the net weight of the marijuana in the package, not including weight of the shipping container; and using a standard of measure compatible with the marijuana cultivation facility's marijuana inventory tracking system; and a complete list of all pesticides, fungicides, and herbicides used in cultivation of the marijuana.

Answer "Yes" or "No" to the following question:	Yes	No
8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages?	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:

Marijuana will be packaged in a single strain wholesale package not exceeding 10 pounds for repackaging by the retail marijuana store (or sold as deli-style flower) or to a product manufacturing facility in a wholesale package not exceeding 10 pounds; and consisting of a single strain or mixture of strains as identified on the label. Each package will be identified by a METRC tracking label. This facility will prepare marijuana for transport or transfer to another marijuana establishment by placing marijuana packaged in compliance with AMCO in a sealed, tamper-evident shipping container and affixing a label in compliance with 3 AAC 306.475 to the shipping container; and generating a transport manifest from METRC; which will remain with the marijuana at all times while being transported, and a copy will be given to the licensed marijuana establishment that received the transfer. See page 7 for a sample label to be provided for each package transferred.

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

Joseph Giliam

Printed name of licensee

SHERRY E TYUS
Notary Public
State of Alaska
My Commission Expires
October 20, 2024

Notary Public in and for the State of Alaska

My commission expires: 10/20/2024

Subscribed and sworn to before me this 21 day of January, 2021.

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(Additional Space as Needed):

Wholesale Package Tag:

LICENSE #28104

Strain Name

Retailer:
Retail License #:
Net Weight: g
Batch #:
Tested by:
THC: THCA: CBD: CBDA: CBN:
Microbial Test: Fungicides:
Pesticides: Herbicides:

Grown using: **Organic living soil** containing (liquid bone meal, phosphate, liquid lime, liquid calcium, nitrogen, potash, calcium, kelp extract, humic acids, sucrose, glucose, crab shell meal, shrimp shell meal, phosphoric acid, endomycorrhizal fungi, silicate, enzymes, beneficial microbes.)

Alaskan 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.

Package tag for retail stores to sell directly to consumers:

Strain Name

Retailer:
Retail License #
Net Weight: g
Batch #:
Cultivation License #: 28104
Tested by:
THC: THCA: CBD:
CBDA: CBN:
Microbial Test: Fungicides:
Pesticides: Herbicides:

Grown using: **Organic living soil** containing (liquid bone meal, phosphate, liquid lime, liquid calcium, nitrogen, potash, calcium, kelp extract, humic acids, sucrose, glucose, crab shell meal, shrimp shell meal, phosphoric acid, endomycorrhizal fungi, silicate, enzymes, beneficial microbes.)

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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