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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:	Valley Happiness llc.	**MJ License #:**	17612		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Valley Happiness llc.				
Premises Address:	905 South Vicki Way				
City:	Wasilla	**State:**	Alaska	**ZIP:**	99654

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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:

We will operate according to all laws set forth by AMCO and will keep accurate records of all seeds, clones, waste, and transport manifest. Plants will be started in room #1. At maturity they will be placed into rooms #2 & #3, where they will remain for the rest of their cycle of growth. At the end of the budding cycle the the plant ball, stock & flower will be hung in room #4 to dry. The medium will be placed in rubber containers in the front of the building designated for waste. At time of harvesting the flower, the stock, root ball & leaves will be shredded, weighed and mixed with growing medium at no less than a 50/50 mixture. We will notify Amco of the waste, at least 3 days prior of mixing the waste, and wait for permission to dispose of waste material. At this point we will put it in the dumpster located on site, to be picked up by Alaska Waste and disposed of of properly. Flower will be placed in a cool dry storage area until such time we recieve the test results from the testing facility. we will then prepare a wholesale package of not more than 5 lbs, to be repackaged by a retail marijuana store. We will transport it in a steel box clearly labeled, and with the transport maifest from METRC, as will as the test results from the testing facility.

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;** RL

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** RL

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.** RL

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:

I calculated my growing space by table size, to stay within the limit of 500 square feet. The grow space I will be using is as follows,
In room #1 there a 2 tables that are 4ft X 4ft equaling 16 square feet.
Also in room #1 there is a 4ft X 16ft table equaling 64 square feet. Total square feet in room #1 is 96 square feet.
In room #2 there are 2 tables that are 5ft X 20ft, each table is 100 square feet, totaling 200 square feet, in room #2.
In room #3 there are 2 tables that are 5ft X 20ft, each table is 100 square feet, totaling 200 square feet, in room #3.
In room # 4 is where we will hang the plants to dry.

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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. RS

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 buiding only has one entrance/exit into and from the facility, and has no windows in the building. The entrance opens to a common area in the front of the building, and in now way can any marijuana be seen from the entrance. The facility is at the end of the road and sits on the right rear of the property.

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

We are using Promix HP Mycorrhizae & Promix BX Professional growing medium. We are using Peat Pellets for all seeds & cuttings.

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:

We are using Azamax Organic Crop Protectant. EPA registration number is 71908-1-81268

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

We are using organic nutrients from companies like Fox Farm Fertilizer Company, for the growing & blooming cycles. We are not using any other fertilizers, chemicals, gases, or carbon dioxied within our facility.

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

Our water source comes from a well-water system on location. We are using 50 gallon drums to mix the liquid fertilizer with wter, then it will be pumped to room #1, #2, & #3. We are using food grade hoses to water each plant by hand. The run off from each table will be drained into 20 gallons totes, and pumped to the drain at the sink, that leads to a 1000 gallon holding tank, located under ground on the north side of the facility. We are also using shop vacs, in case of any pipe or pump failure. If using shop vacs the waste water will be sucked out of the 20 gallon totes and dumped into the drain at the sink, to drain into the holding tank. At which time the holding tank is full it will be pumped by Shamrock Septic Company to be disposed of properly.

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 liquid marijuana waste, and waste water, will be stored in a 1000 gallon holding tank. When the tank is full we will have Shamrock Septic Company pump and dispose of the waste water properly. We will keep all records from Shamrock Septic Compay on file in the office.
All solid waste, the root ball, stock, leaves, will be weighed, shredded and put into rubber containers with lids in the designated area inside the facility. We will label the waste with the name, batch number, & weight. We will notify AMCO and enter the waste in the METRC System, 3 days prior to mixing the waste in no less than a 50/50 mixer with the growing medium. All medium will be in separate rubber containers in the waste designated area, until which time we have permission to dispose of the plant waste, then the medium will be mixed with the plant waste. It will be held in the facility until the third Thursday of the month, at 10:00am we will put it in the dumpster, located outside the door of the facility, which is also under camera surveillance, then Alaska Waste will then empty the dumpster at 11:00am and dispose of the waste properly.

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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:

We are using a Furnace Circulating System, within the system there is a carbon filter, as well as 1 Remi Halo UV air purifier on the air intake side. There is 1 Remi Halo UV air purifier on the air out side of the air circulating system. There is also carbon filters in the rooms on the air out side of the air system. The air circulation into and from each room is continuously scrubbed 24 hours a day, and recirculates within the rooms and is not expelled outside of the building.

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:

The owner or affiliate will take a random sample from each batch harvested in a secured container in the amount required by the testing facility, clearly labeled with the strain name, batch number, and weight, along with a signed statement that the sample was randomly taken, and given to the testing facility and a copy kept in a file in our office. We will put the remaining marijuana product in rubber containers and store in a dry cool locked storage area, clearly labeled with strain name, batch number, & weight until such time we have received the test facilities, test results. We will not sell or transport any marijuana product until we have received the test results in writing. At which time we will package, label, and secure marijuana product for transport, according to regulation 3AAC 306.750. We will keep a copy of all testing records on site located in a secured office, to be available upon request by AMCO or it's agents at any given time.

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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:

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:

We will prepare marijuana in a wholesale package, not exceeding five pounds, for repackaging by a retail marijuana store. It will consist of a single strain/strains as identified on the label, and placed in a sealed tamper-evident shipping container. Then placing a label in compliance with 3ACC 306.475 to the shipping container, and generating a transport manifest from METRC. The transport manifest will remain with the marijuana at all times during transport. Labeling will be applied to the sealed package with information about the testing labs test results, for 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. Also from every test conducted on that strain/strains for the last 3 months, and for any contaminants including mold, herbicides, pesticides, fungicides or any other harmful chemicals. Another label with Valley Happiness llc. with our license number, harvest batch number, and weight of product, will be added to shipping container.

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.

Raquel M Luna
Signature of licensee

Official Seal
Heather E. Christiansen
Notary Public-State of Alaska
My Comm. Expires 05/5/2022

Notary Public in and for the State of Alaska

Raquel M Luna
Printed name of licensee

My commission expires: 05/05/22

Subscribed and sworn to before me this 5th day of September, 2019.

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(Additional Space as Needed):

Packaging label for marijuana transport

Valley Happiness llc.
License #:
Inventory tracking number#
Strain/Strains:
Batch number:
Net weight:
Pesticides:
Fungicides:
Herbicides:

Lab Test results:

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LIST OF PESTICIDES THAT MEET ALASKA CRITERIA FOR USE ON MARIJUANA

(additional products not listed may meet criteria)

Product Name	EPA Registration Number	Controls						WPS required
		Fungus	Mites	Insects	Worms	Slugs	Growth Regulator	
1600 X-CLUDE FORMULA 2	499-539			x				
70% NEEM OIL	70051-2-54705	x		x				
ACTINO-IRON BIOLOGICAL FUNGICIDE 0-0-0	73314-2	x						
ACTINOVATE AG BIOLOGICAL FUNGICIDE	73314-1	x						x
AGRI-FOS SYSTEMIC FUNGICIDE	71962-1-54705	x						
AGRI-FOS SYSTEMIC FUNGICIDE PLUS	71962-2	X						x
ALUDE FUNGICIDE	55146-83	x						x
AXIOM PLANT GROWTH STIMULATOR	71771-3-89112						x	
AZAGUARD	70299-17			x	x			x
AZAMAX	71908-1-81268		X	X			X	X
AZASOL	81899-4-74578			x				x
AZERA GARDENING	1021-1872			x				x
AZERA INSECTICIDE	1021-1872			x				x
BAYER ADVANCED NATRIA DISEASE CONTROL READY TO SPRAY	264-1161-72155	x						
BAYER ADVANCED NATRIA DISEASE CONTROL READY TO USE	264-1154-72155	x						
BAYER ADVANCED NATRIA DISEASE CONTROL RTU	695592-16-7215	x						
BAYER ADVANCED NATRIA INSECT DISEASE & MITE CONTROL R-T- SPRAY	67702-17-72155	x		x				
BAYER ADVANCED NATRIA INSECTICIDAL SOAP RTU	67702-21-72155			x				
BAYER ADVANCED NATRIA NEEM OIL CONCENTRATE	70051-2-72155	x	x	x				
BIOBIT HP BIOLOGICAL INSECTICIDE WETTABLE POWDER	73049-54			x				x
BONIDE ALL SEASONS HORTICULTURAL AND DORMANT SPRAY OIL CONCENTRATE	4-80			x				
BONIDE BONTONE II ROOTING POWDER	4-489						x	
BONIDE CITRUS FRUIT & NUT ORCHARD SPRAY CONC.	67702-17-4	x		x				
BONIDE CITRUS FRUIT & NUT ORCHARD SPRAY R-T-SPRAY	67702-17-4	x		x				
BONIDE DIATOMACEOUS EARTH CRAWLING INSECT KILLER	73729-1-4			x				

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