Alcohol and Marijuana Control Office
550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

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:	Solstice Holdings, LLC	**MJ License #:**		21709	
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Solstice Green				
Premises Address:	12663 West Westen Drive				
City:	Houston	**State:**	Alaska	**ZIP:**	99694

Received 7/19/2020

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

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 Solstice Green 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 ten 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 tamper-evident packaging and not containing more than ten-pound packages inside a tamper-evident, 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;	VK
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	VK
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.	VK

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:

Veg and Clone Room - 84.71 sqft double racked to equal 169.42 square feet.

Flower Room - 119.08 square foot tables + 4.47 square foot table = 123.55 total

square feet Mother Room = 50.29 square feet

Total Square feet under Cultivation = 343.26

Received 7/13/2020

Alaska Marijuana Control Board

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

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. [LK]

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:

Solstice Green will ensure that marijuana will not be visible to the public from outside the facility from any door to the facility. All movement/transport of marijuana will be discrete, utilizing the designated door away from anyones view. All growing, processing, curing, packaging and labeling activities will be done inside the facility, not visible from outside. All marijuana will be securely packaged, labeled and organized for transport within the facility before being moved to the transport vehicle.

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

Solstice Green will be using a soil medium growing method that will contain; Ocean Forest, perlite, vermiculite, worm castings, bark mulch, humidified compost, coco pellets, rockwool, hydroponics and black gold.

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:

Solstice Green may use any pesticide that is approved for use on cannabis in the State of Alaska and on the most current DEC 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:

Solstice Green may use any of the following Chemicals and Fertilizers in the cultivation facility:
Root Organics: Uprising Bloom, Uprising Grow, Uprising Foundation
Growth Technology: Clonex
Growth Science Nutrients: Strength Silica Supplement
Botanicare: Cal-Mag Plus, Liquid Karma
General Organics: Bio Root
Grown More: Sea Grow
Continued... pg 7

Received 7/13/2020

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

Water will be held in a 250 gallon storage tank with water being provided by Mat-Su Water, LLC. Water will be applied to plants by hand, using a watering can. Solstice Green anticipates a very small amount of waste water as they will not be over-watering the plants. All excess water will most likely evaporate, any other waste water will be recaptured and poured into storage containers to be reused.

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. VK

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:

Solstice Green 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 and plant material and trimmings; (3) any other materials or containers in contact with marijuana products that risk contamination, (4) any other marijuana deemed as waste by the MCB or Director. Marijuana waste will be stored away from all other marijuana in a locked container inside the facility, and will be rendered unusable prior to leaving the facility for disposal. A notice via email will be sent to AMCO enforcement not later than three days prior to rendering waste unusable by grinding and then mixing with other compostable and non-compostable materials such as; food waste, yard waste, cardboard, paper and oil, until the resulting mixture is no more than fifty percent (50%) marijuana waste. Solstice Green does not anticipate an excessive amount of liquid waste as they will ensure that their plants are not over-watered. The limited amount of liquid waste should evaporate. Any non-evaporated liquid waste will be collected in storage containers to be reused. Lisa and Ashley or a designated employee (or a potential future facility manager) 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. The final mixture will be stored in a secured locked container outside the building until it is ready to be picked up by the waste truck or taken by a licensee or designated employee to the landfill. This information will be recorded in the disposal log and securely stored as a business record, available to AMCO upon request.

Received 7/13/2020

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:

Commercial grade, activated carbon filters will be used throughout the cultivation areas to filter air before being vented outside. The carbon filters will be regularly replaced to ensure maximum performance at all times. Solstice Green will seal the doors and rooms in the cultivation facility to ensure no odor is detected outside of the building and may add air neutralizers and timed air fresheners throughout the cultivation facility if needed. Lisa, Ashley, a designated employee or future manager will perform weekly "smell tests". The "smell test" will consist of the employee walking to each edge of the property line and attempt to smell marijuana. Continued on page 7..

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 ten pounds. Lisa, Ashley or a designated employee 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. Solstice Green 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. Solstice Green 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.

Received 7/13/2020

Alaska Marijuana Control Board

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

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:

Marijuana will be packaged for retail in wholesale packages not exceeding one ounce for resale to consumers without additional handling by the retail marijuana store except to add the retail stores own identifying name or logo and license number. The shipping container will 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; and (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 an area specifically set aside for packaging and monitored with 24 hour surveillance. Continued pg 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 ten 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 the log, and Lisa, Ashley, or a designated employee (or potential future facility manager) will check all final packages to ensure that they will secure marijuana from contamination and not impart 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 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; Continued 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

Lisa Knight

Printed name of licensee

AIMEE ROCUSH
My Commission
NOTARY PUBLIC
Expires 08-29-2023
STATE OF ALASKA

Aimee Rocush

Notary Public in and for the State of Alaska

My commission expires: 8/29/2023

Subscribed and sworn to before me this 12th day of May, 2020.

Received 7/13/2020

(Additional Space as Needed):

6.1 Continued: If marijuana odor is present at the edge of the property line, the facility will have the carbon filters replaced (if necessary) and/or install additional odor controls (such as the air neutralizers previously mentioned).

8.1 Continued: Packaging will be uniform with labels secure and prominently 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 bar-code 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 the log, Licensees, and/or the on site manager will check all final packages to ensure that they will secure marijuana from contamination and not impart toxic or deleterious substances, and no images that appeal to children, such as cartoons or similar images, will be on the packaging. Labels will include: (1) the name and license number 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 use certified scales in compliance with the Alaska Weights and Measures Act, and will maintain registration and inspection reports at the facility.

8.2 Continued: (3) a statement listing the results of microbial testing; and (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: (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; and (4) a statement listing the contaminants 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 contaminants, a label will be affixed identifying each such contaminant.

Cultivator: Solstice Green. **License No:** 21709
Harvest Batch No: **Package No:**
Net Weight: **Strain:**
Testing Facility: **License No:**
THC: **THCA:** **CBD:** **CBDA:** **CBN:**
Microbial Test: **Fungicides:** **Pesticides:** **Herbicides:**
Fertilizers: **Soil Amendment:**

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.

*Logo to be added

Front of Package

window to view product

Strain Name

Indica-Dominant

Net Weight: 3.5 g (0.124 oz.)

PLACE HOLDER FOR RETAILER TO PUT RETAILER STICKER LABEL

Back of Package

Cultivator: Solstice Green
License #21709
HB#: northstarvalley252018
Strain: North Star OG

METRC #: 36B875000036451115AB
Testing Lab: ABC Lab License #:
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

Received 7/13/2020

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

(Additional Space as Needed):

Question 4.7 Continued

Advanced Nutrients

AN BLOOM
AN GROW
AN MICRO
AN PH DOWN
ANCIENT EARTH
ANCIENT EARTH ORGANIC OIM LISTED
B-52
BIG BUD
BIG BUD OIM LISTED
BIG BUD OIM LISTED
BIG BUD ORGANIC OIM LISTED
BUD BLOOD
BUD CANDY
BUD CANDY OIM LISTED
BUD CANDY OIM LISTED
BUD IGNITOR
CARBOLOAD
COCO BIG BUD
COCO SENSI BLOOM A
CONNOISSEUR BLOOM B
CONNOISSEUR GROW A
FLAWLESS FINISH
IGUANA JUICE BLOOM
JUNGLE JUICE BLOOM
JUNGLE JUICE GROW
JUNGLE JUICE MICRO
KUSHIE KUSH
MOTHER EARTH BLOOM TEA
NIRVANA
OVERDRIVE
PIRANHA LIQUID
REVIVE
RHINO SKIN
SENSI CAL-MAG XTRA
SENSIBLOOM A
SENSIBLOOM B
SENSIGROW A
SENSIGROW B
SENSIZYM
SENSIZYM OIM ORGANIC
TARANTULA
VOODOO JUICE

Botanicare

CAL MAG PLUS
CLEAREX
CNS17 ALL MEDIA BLOOM
CNS17 ALL MEDIA GROW
CNS17 ALL MEDIA RIPE
HYDROGUARD
HYDROPLEX BLOOM
LIQUID KARMA
PURE BLEND HYDRO BLOOM
PURE BLEND PRO GROW
PURE BLEND PRO HYDRO
PURE BLEND PRO SOIL
PURE BLEND PRO SOIL BLOOM
PURE BLEND TEA NEW
SWEET BERRY
SWEET CITRUS
SWEET RAW

Fox Farm

BEASTIE BLOOM
BIG BLOOM
BOOMERANG
BUSH DOCTOR KANGAROOTS
BUSH DOCTOR MICROBE BREW
CHA CHING
FLOWER KISS
FOX FARM BEMBE
FOX FARM BUSH DOCTOR LIQUID IRON
FOX FARM BUSH DOCTOR MANGANESE
FOX FARM GRINGO RASTA CAL-MAG
GROW BIG
HAPPY FROG ACID LOVING
HAPPY FROG ALL PURPOSE
HAPPY FROG BAT GUANO HIGH PHOSPHORUS
HAPPY FROG FRUIT & FLOWER
HAPPY FROG JUMP START
HAPPY FROG STEAMED BONE MEAL
HAPPY FROG TOMATO AND VEGETABLE
HYDRO GROW BIG
KELP ME KELP YOU
MARINE CUISINE
OPEN SESAME
SLEDGEHAMMER
TIGER BLOOM
WHOLLY MACKEREL

Solstice Green will not be using C02 in the cultivation facility

Received 7/13/2020