



## 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:	VanGreen's LLC	MJ License #:	16738		
License Type:	Standard Cultivation Facility				
Doing Business As:	VanGreen's LLC				
Premises Address:	224 Smith St. #D #E				
City:	Sitka	State:	Alaska	ZIP:	99835



**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 mother plants, clones and seeds that are brought into the facility will be logged in the METRC system.

All seeds that produce will be transferred to clones and logged in the METRC system and in vanGreen's Clones log including:

- strain name
- clone batch date
- count

Any clones that become waste will be logged in the METRC system and in the Clones log book including:

- destroy date
- clone batch name
- count
- reason for disposal (i.e root rot)

Once clones develop strong roots and/or reach no bigger than 6" they will be assigned a METRC tag and transferred into the Veg room and logged in METRC and vanGreen's Transfers log.

After the Veg phase, plants will be transferred into the flower room and flower phase in METRC.

All veg plants that become waste will be logged in METRC and vanGreen's waste log including:

- tag #
- weight
- reason for disposal
- date

once a veg/flower plant is able to support the weight, the tag will be attached to the plant.

-See Atch-

**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

- sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation;
- 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
- treat or otherwise adulterate marijuana with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana.

*[Signature]*

*[Signature]*

*[Signature]*

**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:**

Flower Room:

22' x 48' = 1,056 Sq. Ft.  
Ceiling Height = 22'  
concrete floor with floor drains  
(18) 4' x 8' growing tables on wheels  
(6) 3' x 6' growing tables on wheels  
12" vent ducting with filters  
computer controlled vents, lights,  
humidity, Co2 and irrigation  
55 LED lights

- see attached photos-

Veg Room:

48' x 18' = 864 Sq. Ft.  
Ceiling Height = 11'  
plywood floor covered with vinyl  
12" ventilation ducting with filters  
(8) 4' x 8' growing tables on wheels  
24 florescent lights





(Additional Space as Needed):

**2.1 OVERVIEW OF OPERATIONS (CONT.)**

All Flower plants that finish the flower phase will be harvested and moved into the harvested phase in METRC, moved into the trim room and logged in vanGreen's Harvest log book including:

- tag #
- weight
- harvest batch name and harvest date

Any flower plants that become waste and the waste made from harvesting plants will be logged into METRC and into vanGreen's waste log including:

- tag #
- weight
- reason for waste
- date

The tags from harvested plants will be kept on site for a minimum one year.

All harvested product will moved into the drying room and be labeled by harvest batch date and strain name and will go through the drying/curing process which last approximately 2 weeks. Once deemed ready for testing, a random test sample will be taken,assigned a package tag and logged in METRC and vanGreens packaging/transport log.

Once test results are back as passed product will packaged for wholesale in compliance with all proper tags and transfer paperwork and will be transfered to retail stores in compliance with AMCO regs.

Any product that fails testing will be either destroyed or sent to manufacturing if applicable. All waste product will be logged in metrc and VanGreen's waste log.



Attachment 4.1

Flower room

DBA VanGreen's LLC License # 16738



Attachment 4.1

Vet Room



DBA VanGreen's LLC license #16738





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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.

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:

N/A

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:

Windows will be covered with a mirrored window tint and blinds. Windows will also be covered with steel screen for added security.

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

Coco coir (coconut Husk)  
Rock Wool (spun lime rock)  
Hydroton (clay pebbles)

4.6. Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used:

VanGreen's will be using the following fertilizer brands:  
- General Hydroponics  
- Advanced Nutrients  
- Holi Moli  
- And other commonly used nutrients

Cleaning chemicals:  
- hydrogen peroxide  
- isopropyl alcohol  
- And other commonly used cleaners

Co2 will be in tanks and controlled via computer and sensors equipped with auto shut off. Co2 tanks will automatically be shut off if levels go past set points.





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

Irrigation system:

Computer controlled irrigation.

Every growing bench will have its own reservoir in order to recycle water. Waste water is drained into the floor drains when needed. Mother plants will be hand watered like a typical house plant.

### 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:

Marijuana waste will be ground/mulched and mixed with one or more of the following at 50/50 equal parts:

- waste oil
- dirt
- ground up cardboard/paper
- coco coir
- bleach

All marijuana waste will be logged in METRC and vanGreen's waste log book including:

- tag number
- harvest batch
- weight
- reason for disposal
- waste date
- disposal date
- employee initials

Waste will be stored in a locked container until an employee brings it to the waste station.

All waste water will be drained into the city's sewage system.

vanGreen's will notify AMCO at least 72 hours before marijuana is rendered unusable and then disposed of in compliance under 3AAC.306.740



**Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental****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:

There will be charcoal filters on all exhaust fans that will be changed as required. Everyday a employee will walk around the building and check for odor and will document in a daily log book. If there is an odor detected it will be handled immediately.

**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:

Once a batch is deemed ready for testing, a employee will take a random sample from each harvest batch, and sign the sworn statement paperwork, weigh and package the sample with the assigned METRC tag, fill out transfer manifest and put the tagged samples into a sealed container and then transport accordingly.

vanGreen's will segregate the entire batch from which the testing sample was selected, until testing facility returns test results. During the segregation period, vanGreen's will keep segregated batches in a secure, cool and dry location. vanGreen's will not sell or transport any marijuana from the segregated batches until the marijuana testing facility has completed its testing and returned those results in writing. vanGreen's will maintain testing results as part of its business books and records. vanGreen's will transport the sampl to the testing facilities licensed premise in compliance with 3AAC.306.750





# 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:

vanGreen's will package its marijuana for sale to a retail marijuana store in a package not exceeding 1 ounce for resale to consumers without additional handling by the retail store except to add retail stores own name, logo and license number. Also in wholesale packages not exceeding 5 pounds for repackaging by the retail store or to a product manufacturing facility in a wholesale package not exceeding 5 pounds. Packaging for resale to consumers without repackaging will not have any printed images, including cartoon characters that target persons under 21 years of age. Packaging will protect product from contamination and will not impart any toxic or damaging substance to the marijuana. Each package prepared will be identified by a METRC tracking label generated by vanGreen's. Packages prepared for transport to another marijuana establishment will be placed in a sealed tamper-evident shipping container affixing a label in compliance with 3AAC.306.475, to the shipping container and accompanied with a transport manifest that will remain with the marijuana at all times while being transported and a copy will be given to the licensed marijuana establishment, along with test results, that receives the shipment.

All Packages will have the 5 warnings

-See Attachment- 8.1

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:

VANGREEN'S will vacuum seal all packages not to exceed 5 lbs. Every package will have a METRC tag, test results and transfer manifest. Sealed packages will be placed in a secure/locked container, then transported in compliance.

- See Attachment- 8.2

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

Eric vanVeen

Printed name of licensee

Notary Public in and for the State of Alaska

My commission expires: Oct. 17, 2019

Subscribed and sworn to before me this 10<sup>th</sup> day of September, 2018.



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(Additional Space as Needed):

attachment 8.2

When vangreen's transports wholesale marijuana for retail sale or for manufacturing, a label will be affixed to the shipping container showing that a licensed marijuana testing facility has tested each harvest batch in the shipment for;

(1) A 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 cultivated by vangreen's LLC withiin the last three months.

(2) A statement listing the microbial results required under 3 aac 306.645 (b) (2)

(3) A statement listing the residual solvent results required under 3 aac 306.645 (b) (3)

(4) A statement listing any contaminants for which the product was tested in addition to contaminants for which 3 aac 306.645 (b) requires testing, any additional tested contaminants include,

(a) molds, mildew, and filth.

(b) herbicides, pesticides, and fungicides.

(c) harmful chemicals

When vangreen's transports wholesale marijuana from a harvest batch that has not been tested for each contaminant listed in 3 aac 306.475 section (e) (4) molds, mildew, filth, herbicides, pesticides, fungicides and harmful chemicals. The label for that batch will include a statement identifying each contaminant for which that harvest batch has not been tested for.

Every wholesale package will have test results affixed to the shipping container, from a AMCO licensed testing facility, and logo, metric tag, warning label, weight of marijuana, strain name, harvest batch date, license number.

I have attached a sample test result from canntest.



Blue Berry

Indica

HB # 8/05/18

METRC # 1A402030000157D000000678

Cultivator:

VanGreen's LLC #16738

THC: 25.75 %

CBD: 0.12 %

Total Cannabinoid: 27.32 %

SOLD BY

WEED DUDES

Lic #: 10220

Pesticides: none

Fungtsides: none

Herbicides: none

(A) "Marijuana has intoxicating effects and may be habit forming and addictive."; (B) "Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence."; (C)

"There are health risks associated with consumption of marijuana."; (D) "For use only by adults twenty-one and older. Keep out of the reach of children."; (E)

"Marijuana should not be used by women who are pregnant or breast feeding."



1/8 oz

3.5g



# Blueberry Kush

INDICA

1/8 ounce or 3.5 grams

Cultivator: vanGreen's Lic# 16738

HB#:5/10/18

Metro # 1A40203000000B1000000005

Strain: Blueberry

Pesticides, Herbicides, Fungicides: None

Total THC:18.43% Total CBD:0.04%

THCA:18.30% THC:0.13%

CBDA:0.04%, CBD:<0.01% , CBN:<0.01%

Sold by: Weed Dudes Lic#10220

**(A) "Marijuana has intoxicating effects and may be habit forming and**

**addictive."; (B) "Marijuana impairs concentration, coordination, and**

**judgment. Do not operate a vehicle or machinery under its influence."; (C)**

**"There are health risks associated with consumption of marijuana."; (D) "For**

**use only by adults twenty-one and older. Keep out of the reach of children."; (E)**

**"Marijuana should not be used by women who are pregnant or breast feeding.".**





620 E Whitney Ave.  
Anchorage, AK 99501  
Phone: 907-258-6878

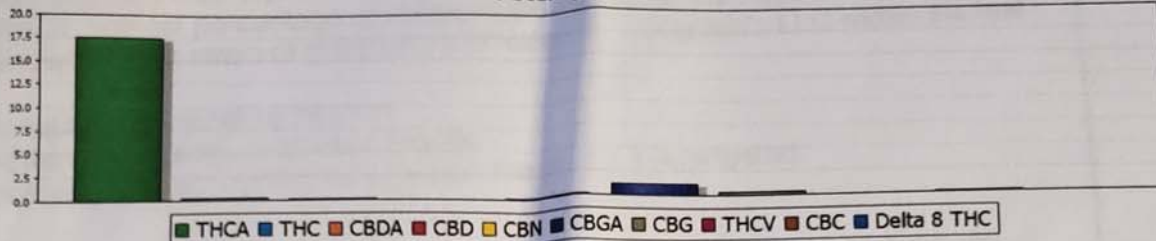
Sample ID: 825  
Company: VanGreen's LLC  
METRC ID: 0000033901  
Transport ID: 1A40203000004B1000000003  
Date Received: 2017-03-10

Moisture Content: 3.72

Strain: SFVOG

Matrix: Dried Flower

### Potency Profile



Total THC %: 15.52	Total CBD %: 0.03	Total Cannabinoid %: 19.22
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THCA %: 17.49

THC %: 0.18

CBN %: <0.01

CBG %: 0.30

CBDA %: 0.04

CBD %: <0.01

THCV %: <0.01

D-8 THC %: <0.01

CBGA %: 1.20

CBC %: <0.01

### TERPENES RESULTS

Alpha Pinene %: 0.02	Beta Pinene %: 0.04	Beta Myrcene %: 1.02
Camphene %: <0.01	D 3 Carene %: <0.01	A-Terpinene %: <0.01
P Cymene %: 0.18	Limonene %: <0.01	Ocimene %: <0.01
G-Terpinene %: <0.01	Terpinolene %: 0.02	Linalool %: <0.01
Isopulegol %: 0.01	Geraniol %: <0.01	B-Caryophyllene %: 0.07
A-Humulene %: 0.02	Nerolidol %: 0.04	
A- Bisabolol %: 0.03	Guaiol %: 0.02	Total Terpene %: 1.50

### MICROBIAL RESULTS:

Salmonella Result:

Aspergillus Flavus Result:

### MICROSCOPE EVALUATION:

Observations:

Overall Result:

Passed

Passed

Passed

E-Coli (STEC):

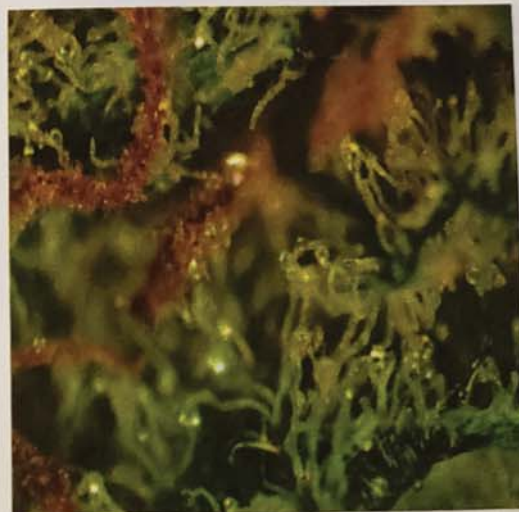
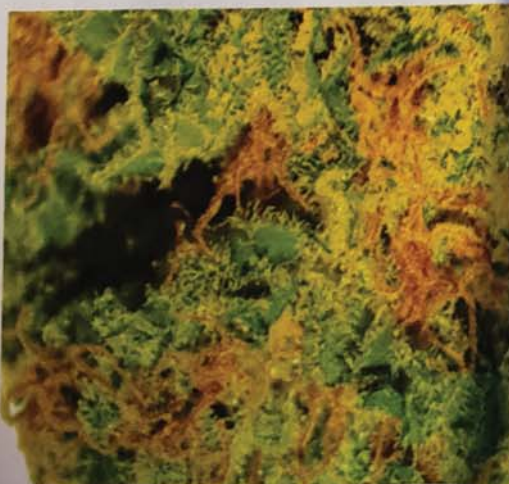
Aspergillus Fumigatus Result:

Aspergillus Niger Result:

Passed

Passed

Passed



DBA VanGreen's LLC

lic #16738

3-13-2017