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:	Aurora Development Group, Inc.	**MJ License #:**		15557	
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Aurora Development Group, Inc.				
Premises Address:	1667 Amidon Drive				
City:	Fairbanks	**State:**	Alaska	**ZIP:**	99712-2836

AMCO Received 3/18/2019

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:

From seed and/or clones, Aurora Development Group, Inc, will use established methods of indoor gardening, including: aeroponic, natural soil and soil-less methods, conventional, and organic without the use of any chemical pesticides, fungicides, or insecticides. Clones and cutting will be pull from the mother plant in the Vegetative Room. Clones will be rooted in
aeroponic cloners and then moved into pre-mix soil in fabric containers and be placed in vegetative room. The plants will be tagged when they reach 8 inches in height When the plants reach suitable size and height they will be transferred into the Flower Room to mature and be ready for harvest. When plants are harvested, they will be weighed and entered into METRC. A random homogeneous sample will be selected and sent for testing, by a licensed Marijuana Testing Laboratory, from each harvest batch that has been uniformly dried and cured, in amount set out in 3 AAC 306.455. The entire batch from which the testing samples were selected will be segregate and store in secure, cool and dry location awaiting for the test result in writing. Once a sale is set up, the cannabis will be packaged, sealed, labeled, and tagged. The sealed packages will be placed in totes and the tote will be secured for transport. All such transfers shall be manifested and entered into METRC the same day that such event occurs per 3 AAC 306.435

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;** NN

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** NN

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.** NN

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:

Aurora Development Group Inc's cultivation consists of:
a Flower Room measuring 17'-2" x 18" = 309.06 SF
a Clone/Vegetative Room measuring 17'-2" x 10'-5" = 178.91 SF

TOTAL are of licensed premise is approx 488 sq feet

Total room dimensions for the areas under cultivation equal 17'-2" x 28'-5" = 487.97 square feet. The actual area under cultivation is broken down as follows: VEGETATIVE ROOM: There will be 12 two tiered grow racks that are 2'X4' dimensions for each rack equating to 192 square feet in area under cultivation in the vegetative room.

FLOWING ROOM: In the flowing room, the area under cultivation will be 8 grow tables that are 4' x 8' and will only be ONE tier. Therefore the total area under cultivation in the flowering area is 256 square feet.
The TOTAL AREA UNDER Cultivation is 192 sq feet (VEG) + 256 sq feet (FLOWER) = TOTAL 448 under cultivation.

AMCO Received 3/18/2019

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. NN

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:

- Aurora Development Group, Inc. facility is completely opaque to the outside and has no windows. Our facility is on a 4.5 acre site that is not visible to adjacent property homes because of the dense trees at the property lines.
- All marijuana cultivation activities will take place indoor within restricted area with no windows in the building and doors will remain closed at all times.
- Marijuana that is being transported for testing or sale will be in an opaque secured container on it's way into a transport vehicle.

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

Aurora Development Group, Inc will apply "living soil" growing method by utilizing pre-mix high quality soil: Roots organic, Alaska organics composts, worm casting, perlite, Down to Earth All natural compost. The soil will be mix with Down to Earth organic soil amendments: oyster shell, dolomite lime, blood meal, bone meal, bat guano, feather meal, and etc.
-Aeroponic Cloners for cloning

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:

Aurora Development Group, Inc. Does not intend to use any pesticides or pest control products in this facility.

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

- Aurora Development Grou, Inc.. will use compost tea (a liquid, nutritionally rich, organic supplement, made by brewing soil amendments in water) as regular feeding schedule to the plants. A brewed compost tea will be used within 24 hours.
- We will utilize a General Organics Flora Series products, Fox Farm Organics and other similar manufactured products.
- Delivery systems will be by hand watering, wand, and simple drip irrigation system may be utilize.
- A digital Ph pen and test strips will be used to verify water acidity/alkalinity as well as an EC meter for total dissolved solids.
- We do not plan to utilize CO2 in our Limited Grow.

AMCO Received 3/18/2019

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

We will use hand watering methods including watering wand, cans and hose systems.
Any wastewater generated, which we view to be minor quantities, will be discharged into on-site septic system.

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. NN

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:

Solid Waste:
Aurora Development Group, Inc. shall store, manage, and dispose of any solid or liquid waste from marijuana cultivation production in compliance with applicable federal, state, and local statues, ordinances, regulations, and other law.

- All marijuana plant waste is rendered unusable prior to leaving the inside of the facility and will maintain a log on the final destination of all marijuana plant waste.
- All marijuana marked for disposal will be stored in a secured bin, separated from all other marijuana and materials, until it can be rendered unusable.
- Aurora Development Group, Inc. will give the board notice, on a form prescribed by the board, not later than 3 days before making the waste unusable and disposing of it. The waste will be recorded in METRC through the final destination.
- Marijuana plant waste is rendered unusable by grinding and mixing with at least 50% other solid non-marijuana waste, including: used growing medium, paper, recyclable growing containers, and once rendered unusable, marijuana will be securely stored in locked containers located on the premises until it can be fully composted, or used as worm feed and bedding.
- THC containing trimmings will be sold to licensed product manufacturers. This "Shake" will be treated with the same security and handling precautions as dry/flower.
-'Other" non plant based solid waste will be transferred to the FNSB landfill.

Liquid Waste:
- Any wastewater generated, which we view to be minor quantities, will be discharged into on-site septic system.

AMCO Received 3/18/2019

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:

Aurora Development Group, Inc. will use carbon filters to ensure that odors are not detected off the property. Our facility is on a rural freed 4.5 acre site with the nearest house more than 250' away from the facility. Should odor control require additional equipment, Aurora Development Group, Inc. will address that at a later date.

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.	NN
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.	NN

7.3. Describe the testing procedures and protocols the marijuana cultivation facility will follow:

Aurora Development Group, Inc. shall collect a representative, homogeneous sample for testing from each harvest batch that has been uniformly dried and cured, in an amount as set out in the table based on 3 AAC 306.455. The individual responsible for collecting each sample will prepare a signed statement showing that each sample is representative of the harvest. Provide the signed statement to the testing facility and maintain a copy as a business record under 3 AAC 306.755. The entire batch from which the testing samples were selected shall be segregated until the marijuana testing facility has completed its testing and provided those results, in writing. The test result will be kept and maintained, and entered in Metrc as part of the business books and records.

Aurora Development Group, Inc. will comply with any request from AMCO for a random sample from any growing medium, soil amendment, fertilizer, crop production aid, or water and shall bear the expense for all such requests.

AMCO Received 3/18/2019

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:

As required by 3 ACC 306.470 (a)(b)(c) Aurora Development Group, inc. will package bud and flower for sale to a retail marijuana store in a package not exceeding one ounce for resale to consumers without additional handling by the retail marijuana store, not exceeding five pounds for repackaging by the retail marijuana store, and marijuana product manufacturing facility. The packaging will be contamination proof and non toxic. Packaging will not use any printed images (including but not limited to cartoons) that specifically targets persons under 21 years of age and be identified by a tracking label generated by METRC.

Sample attached as additional information 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:

In the case of sale to a retail marijuana store or marijuana product manufacturing facility, The package will (A) not exceeding five pounds; and (B) consisting of a single strain or a mixture of strains as identified on the label. Such packaging will be sealed and protect the product from contamination and will not impart any toxic or damaging substance to the marijuana. Each such package will be identified by a tracking label.
Packaging and labeling shall be in compliance with 3 AAC 306.470 and 3 AAC 306.475

Sample attached as additional information 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

State of Alaska
NOTARY PUBLIC
J. Poehls
My Commission Expires Aug 7, 2019

Notary Public in and for the State of Alaska

NATTHAPHON NAVACHAI
Printed name of licensee

My commission expires: 8/7/2019

Subscribed and sworn to before me this 30th day of January, 2019.

AMCO Received 3/18/2019

Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

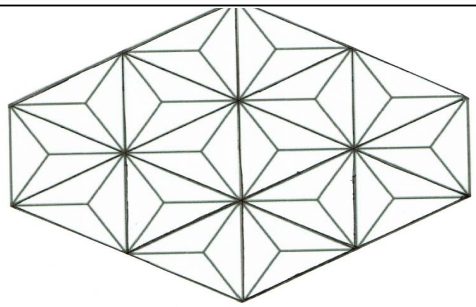
(Additional Space as Needed):

Front of Package	Back 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	Cultivator: Aurora Development Group, Inc. License #15557 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

Cultivator: Aurora Development Group, Inc. **License No**: 15557
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.



Received by AMCO 04.14.18

AMCO Received 3/18/2019