Alcohol & 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

Cover Sheet for Marijuana Establishment Applications

What is this form?

This cover sheet **must** be completed and submitted any time a document, payment, or other marijuana establishment application item is emailed, mailed, or hand-delivered to AMCO's main office.

Items that are submitted without this page will be returned in the manner in which they were received.

Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	Blue Bear Farms, LLC	**License Number:**		11424	
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	BLUE BEAR CANNAFARM				
Physical Address:	2091 Andromeda Dr				
City:	Fairbanks	**State:**	AK	**Zip Code:**	99712
Designated Licensee:	Terreisa Lane				
Email Address:	bluebearcannafarm@gmail.com				

Section 2 – Attached Items

List all documents, payments, and other items that are being submitted along with this page.

Attached Items:	MJ 04 Cultivation Facitity 2 MSDS for nutrients to be used in grow.

OFFICE USE ONLY					
Received Date:		Payment Submitted Y/N:		Transaction #:	

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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 the **Marijuana Establishment Operating Plan (Form MJ-01)**, 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 those 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
- Odor control
- Testing procedure and protocols
- Security

This form must be submitted to AMCO's main office before any marijuana cultivation facility license application will be considered complete.

Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	Blue Bear Farms LLC	**License Number:**	11424		
License Type:	Standard Cultivation				
Doing Business As:	Blue Bear Cannafarm				
Premises Address:	2091 Andromeda Dr				
City:	Fairbanks	**State:**	ALASKA	**ZIP:**	99712

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Form MJ-04: Marijuana Cultivation Facility

Section 2 – Prohibitions

Applicants should review 3 AAC 306.405 – 3 AAC 306.410 and be able to answer "Agree" to all items below.

The marijuana cultivation facility will not:	Agree	Disagree
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 its licenses premises or within 20 feet of the exterior of any building or outdoor cultivation facility	☑	☐
Treat or otherwise adulterate marijuna with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana	☑	☐

Section 3 – Cultivation Plan

Review the requirements under 3 AAC 306.420, and identify how the proposed premises will meet the listed requirements.

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:

We have 3 rooms that will have plants in them. The first is the veg-nursery. Then 2 rooms for grow-bloom.
Veg-nursery room is 12' x 12' =144 square feet
Bloom rm #1 is 12' x 27' = 324 square feet
Bloom rm #2 is 12' x 30' = 360 square feet
That gives us 144 sf for veg stage and 684 sf for bloom.

Veg room is 12 x 15 = 180 sf
Bloom room #1 12 x 22 = 264 square feet
Bloom room #2 12 x 30 = 360 square feet
Over all square feet of cultivation is 804 square feet

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

We are using Grodan rockwool cubes as our medium. (spun rock)
We are also in research and development for an aeroponics system that will require just water, with minimal nutrients.

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

Nutrients that I will be using are in powder form. MSDS are attached. Chemicals will be stored in the utility room in a designated closet. Protected from heat and light. Brands will change over time. Also sometimes we will need to adjust the ph. So we will also be using some ph up and ph down. Neem oil for pest control. We will be using a closed loop recirculating ebb and flow system for watering. We are not planning to use CO2. Instead we will be using fresh air, with a heat recovery system.

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

We will be using a closed loop recirculating ebb and flow method. Our plants in the bloom phase are placed in tables to flood with H2O nutrient mixture. Then that drains back into the reservoir to be reused. Periodically plants need to be flushed of excessive nutrient buildup, that will be reused when allowable. Waste water will be evaporated as much as possible and reused in Blue Bear Farms landscaping projects. We have installed a 500 gallon holding tank to help us manage our waste water and to help with any nutrient flood accidents. Also we are doing some aeroponics research and development, which requires very little nutrients and H2O.

MATERIAL SAFETY DATA SHEET

SECTION I: CONTACT INFORMATION

MANUFACTURERS NAME:
HYDROPONIC RESEARCH INC.
ADDRESS:
2555 STATE ST.
SUITE 105
SAN DIEGO, CA 92101
TELEPHONE NUMBER: (800) 975-6860
DATE PREPARED: January 1st, 2016

SECTION 1I: COMPOSITION & INGREDIENT INFORMATION

PRODUCT NAME: SHINE

DESCRIPTION : Free flowing powdered mineral complex containing monopotassium phosphite, magnesium sulfate, potassium sulfate, and other non-hazardous ingredients which are trade secret.
*Please refer to CAS info for above listed compounds and their
potential health hazards and recommended handling procedures.

SECTION III: HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: Acute: may cause slight eye & throat irritation
Chronic: None known

GENERAL PRECAUTIONS: Always practice good hygiene wash hands thoroughly after handling. Do not get in eyes or on skin. Do not ingest. Wear dust mask when handling.
MEDICAL CONDITIONS RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: None PRIMARY ROUTE OF ENTRY: Eyes, skin, inhalation

SECTION IV: FIRST AID INFORMATION

SKIN: Remove contaminated clothing and wash hands thoroughly after use. If irritation occurs consult with physician.
EYES: Flush eyes with cool water for 15 minutes, remove contact lenses and consult physician if irritation persists
INGESTION: If conscious rinse mouth and dilute with fluids. Consult physician or poison control for further treatment advice
INHALATION: Move person to fresh air and consult physician for further treatment advice.
NOTE TO PHYSICIAN (Antidote): N/A

SECTION V: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for underlying cause of fire.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. Product is not flammable and can be quickly diluted with water.
FLASH POINT: N/A
SPECIAL FIRE HAZARDS: None
SPECIFIC HAZARDS: None

SECTION VI: ACCIDENTAL RELEASE MEASURES AND DISPOSAL

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear protective equipment sweep up spill. Dispose of in accordance with local, state & federal regulations.

MATERIAL SAFETY DATA SHEET

SECTION I: CONTACT INFORMATION

MANUFACTURERS NAME:
HYDROPONIC RESEARCH INC.
ADDRESS:
2555 STATE ST.
SUITE 105
SAN DIEGO, CA 92101
TELEPHONE NUMBER: (800) 975-6860
DATE PREPARED: October 2nd, 2013

SECTION 1I: COMPOSITION & INGREDIENT INFORMATION

PRODUCT NAME: VEG+BLOOM (ALL FORMULAS)

DESCRIPTION : Free flowing powdered mineral complex containing monopotassium phosphate, potassium sulfate, magnesium sulfate, potassium nitrate, calcium nitrate, borax, iron EDTA, ammonium molybdenum, manganese EDTA, and other non-hazardous ingredients which are trade secret. *Please refer to CAS info for above listed compounds and their potential health hazards and recommended handling procedures.

SECTION III: HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: Acute: may cause slight eye & throat irritation

Chronic: None known

GENERAL PRECAUTIONS: Always practice good hygiene wash hands thoroughly after handling. Do not get in eyes or on skin. Do not ingest. Wear dust mask when handling.
MEDICAL CONDITIONS RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: None PRIMARY ROUTE OF ENTRY: Eyes, skin, inhalation

SECTION IV: FIRST AID INFORMATION

SKIN: Remove contaminated clothing and wash hands thoroughly after use. If irritation occurs consult with physician.
EYES: Flush eyes with cool water for 15 minutes, remove contact lenses and consult physician if irritation persists
INGESTION: If conscious rinse mouth and dilute with fluids. Consult physician or poison control for further treatment advice
INHALATION: Move person to fresh air and consult physician for further treatment advice.
NOTE TO PHYSICIAN (Antidote): N/A

SECTION V: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for underlying cause of fire.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. Product is not flammable and can be quickly diluted with water.
FLASH POINT: N/A
SPECIAL FIRE HAZARDS: None
SPECIFIC HAZARDS: None

SECTION VI: ACCIDENTAL RELEASE MEASURES AND DISPOSAL

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear protective equipment sweep up spill. Dispose of in accordance with local, state & federal regulations.

REPORTABLE QUANTITY (RQ) UNDER CERCLA: NO

SECTION VII: STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Do not get in eyes, breathe in dust or ingest. Upon contact wash affected area with soap and water. Store in original container with lid tightly secured. Store product in a cool, dry place on a pallet or rack system. Avoid excessive heat & sunlight.
OTHER: Always follow label directions.

SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT
EYE / FACE PROTECTION: Eye protection (OSHA Approved) is recommended if potential for excessive dust exists
HAND / SKIN PROTECTION: Individuals with sensitive skin should wear OSHA approved gloves
RESPIRATORY PROTECTION: None Required
OTHER: Wear pants, shirt, shoes and socks
ENGINEERING CONTROLS:
Local exhaust or general ventilation to maintain exposure below PEL
NO PEL established

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: free flowing powder
SOLUBILITY: soluble in water
BOILING POINT: N/A
MELTING POINT: N/A
FREEZING POINT: N/A
EVAPORATION RATE: N/A
VAPOR DENSITY (Air = 1): N/A
SPECIFIC GRAVITY: N/A
BULK DENSITY: N/A
pH (as is): 5-6

SECTION X: STABILITY AND REACTIVITY INFORMATION

HAZARDOUS DECOMPOSITION PRODUCT: None
INCOMPATIBILITY: Heat sources, reducing agents
STABILITY: Stable under normal conditions
HAZRDOUS POLYMERIZATION: None
CONDITIONS TO AVOID: Excessive moisture & heat during storage

SECTION XI: TOXICITY INFORMATION

ACUTE TOXICITY
Inhalation LD_{50}= N/E
Oral LD_{50}= N/E
Dermal LD_{50}= N/E

CARCINOGENICITY REFERENCE
I.A.R.C: No
N.T.P.: No
O.S.H.A.: No
OTHER (specify): No

SECTION XII: ECOLOGICAL INFORMATION

Avoid discharge in to streams, lakes, waterways & storm drains

SECTION XIII: TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not regulated
UN NUMBER: None
HAZARD CLASS: None (Non Hazardous)
PRIMARY HAZARD LABEL: None

SUBSIDARY RISK LABEL: None
WHMIS CLASSIFICATION: N/A

SECTION XIV: REGULATORY INFORMATION

SARA 311

None of the ingredients are reportable under SARA 311

SARA 312

None of the ingredients are reportable under SARA 312

RCRA

This product does not contain any ingredients on RCRA

TO THE BEST OF OUR KNOWLEDGE THIS INFORMATION IS TRUE AND ACCURATE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING THIS PRODUCT SHALL MAKE HIS / HER OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR THEIR PARTICULAR PURPOSE. THIS INFORMATION IS PROVIDED IN GOOD FAITH BUT WITHOUT EXPRESSED OR IMPLIED WARRANTY. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO TAKE APPROPRIATE PRECAUTIONS.

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Describe the marijuana cultivation facility's waste disposal arrangements:

The owners of this cultivation facility wish to reuse the Grodan cubes for garden purposes. Spent cubes will be stored in dry storage until spring, then chopped and tilled into the ground for landscape projects. The plastic film surrounding the cubes will be removed and sent to the landfill. The Grodan cubes are made from spun rock. The roots that are left in the cubes will be dried and help add organic material to our poor outside soil.

Section 4 – Odor Control

Review the requirements under 3 AAC 306.430, and identify how the proposed premises will meet the listed requirement.

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 not located near the public and believe that we will not be smelt by our closet neighbors. But if in the event that odor is detected, we are prepared to add carbon filters to our exhausted air.

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Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the item below.

I understand and agree that:	Agree	Disagree
The board will or the director shall 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	☑	☐

Describe the testing procedure and protocols the marijuana cultivation facility will follow:

For the required labratory testing: We will provide a random sample of each harvested, cured and segregated batch. This will be done by a designated person who will be responsible for collecting each sample and signing a statement that the sample was picked out randomly, from cured marijuana of the same batch. This statement will be provided to the testing facility and a copy of this statement will be kept on record at the facility. If we choose to transport the sample ourselves, to the testing facility. The sample will be kept in a sealed approved container, consealed from the public. Otherwise we may choose to hire a professional transport service who has proven compliance with the state.

Random samples that are requested from the state will be paid for by the cultivation facility. Upon request from the director or agent of the state, our facility will be cooperative and help facilitate the collection of samples.

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Section 6 – Security

Review the requirements under 3 AAC 306.430 and 3 AAC 306.470 – 3 AAC 306.475, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the two items below.

The marijuana cultivation facility applicant has:	Agree	Disagree
Read and understands and agrees to the packaging of marijuana requirements under 3 AAC 306.470	☑	☐
Read and understands and agrees to the labeling of marijuana requirements under 3 AAC 306.475	☑	☐

Restricted Access Area (3 AAC 306.430):

	Yes	No
Will the marijuana cultivation facility include outdoor production?	☐	☑

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground fully enclosed by a physical barrier:

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Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility cannot be observed by the public from outside the facility:

Walls.

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 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 perjury that I have examined this form, including all accompanying schedules and statements, and to the best of my knowledge and belief find it to be true, correct, and complete.

Signature of licensee

Terreisa Lane

Printed name

Subscribed and sworn to before me this 13th day of December, 2016.

Official Seal
STATE OF ALASKA
Notary Public
Rockell Belanger
Commission Expires 02/04/19

Notary Public in and for the State of Alaska.

My commission expires: 02-04-2019

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(Additional Space as Needed):