Alcohol and Marijuana Control Office
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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:	Bristol Bay Bud Company, LLC	**MJ License #:**	17452		
License Type:	Standard Cultivation Facility				
Doing Business As:	Bristol Bay Bud Company				
Premises Address:	2439 S Ridgecrest				
City:	Wasilla	**State:**	Alaska	**ZIP:**	99623

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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:

Mother plants, seeds, and immature plants will be entered into the METRC system in a timely manner when permitted as part of the license approval process. Additional cloning and seed germination will ensue once the facility is fully set up to effectively cultivate. After the clones or seedlings show sufficient root formation, they will be recategorized as immature plants and will be transplanted and tagged in METRC. All immature plants will remain in the vegetative state, being transplanted into larger pots as needed, until they are mature enough to flower. The mature plants ready to flower will be transferred to the flower room where they will bloom for approximately nine to twelve weeks. All activity will be tracked in METRC as required by 3 AAC 306.435 and 3 AAC 306.730. After the plants are fully ripened, harvest will occur and all product and waste will be appropriately destroyed and/or reconciled in METRC. Following harvest, pursuant to 3 AAC 306.455, a homogeneous sample of all batches harvested will be randomly selected and sent to an approved and licensed testing facility. The remaining product from each batch will be segregated in a secure room pending satisfactory testing results in accordance with all the rules set forth by 3 AAC 306.470. All marijuana cultivation waste will be disposed in compliance with 3 AAC 306.435 and 3 AAC 3

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;** HA

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** HA

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.** HA

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:

The area under cultivation at the Bristol Bay Bud Company's proposed cultivation facility will be composed of 5 rooms. There will be one main flower room and three supporting vegetative rooms to be used for propagating, cloning, growing the plants in the vegetative state, and storing mothers. An additional vegetative/flower room for research and development of new strains or experimentation with potential environmental changes that may need to be implemented such as new nutrients, lights, and the like. The specific dimensions are as follows: (Final measurements are approximated to the nearest foot and final areas in square feet.)
Flower Room: 39.42' x 23.05' = 909'
Veg 1: 15.64' x 8.51 =133.1' + 19.5' x 12.03' = 234.6' (this is a room in the shape of two rectangles, one shorter than the other). The total area of Veg 1 is 133.1' + 234.6' = 368'
Veg 2: 6.9' x 13.92' = 96'
Veg 3: 9.92' x 13.92' = 138'
Veg/Flower: 9.92' x 13.92' 138'
Total proposed canopy: 909' + 368' + 96' + 138' + 138' = 1649'

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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. HH

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:

In compliance with 3 AAC 306.430(c), there will be no access to look inside Bristol Bay Bud Company's proposed facility from the outside. The facility will only have one exterior entry point that opens into a work area. There will be NO windows in any growing area. There are no windows on the ground floor. The only two windows are located on the second floor and the second floor has no access from the outside. The two windows are located in the upstairs bathroom and the other in the trimming/ packaging room. An additional layer of protection, to ensure no visibility through the two windows, all windows will be treated with one-way mirror screen. Any product that is ready for testing or transfer to another licensee will be stored in a window free room on the second level of the facility.

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

Bristol Bay Bud Company will be using a Coco Coir product for vegetative and flowering plants. Seed germination and/or clone propagation will use a medium such as rockwool. We will also employ hydroponic cloners in our propagation regimen.

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:

Bonide Liquid Copper Fungicide Ready to Use (67702-1-4); Clonex Rooting Gel (79664-1)
Gognats Liquid Concentrate (exempt-25(b)); Hormex Rooting Powder No. 8 (8281-1)
Monterey B.t. RTU/Organic gardening (70051-113-54705); Monterey Neem Oil-RTU/organic gardening (70051-13-54705)
Pyrethrum TR Total Release Insecticide (499-479); Regalia PTO Biofungicide (84059-3-87865)
Safer Garden Fungicide Conc for Flowers, Fruits, & Vegetables (4297-37)
SNS 217 RTU Spider Mite Control (exempt-25(b))

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

Bristol Bay Bud Company will be employing general nutrient lines that are compatible with coco coir medium. The cultivation facility will use a nutrient line, the specific brand yet to be determined (due to the dizzying influx of new products available), and all of the necessary supplementals. Additional additives that will be used on a regular basis will be pH up and pH down. Bristol Bay Bud Company will also use flushing agents such as, but not limited to, SLF 100 and Drip Clean. For the propagation of clones from mother plants, we will use cloning applications such as, but not limited to, Clonex and necessary rooting hormone applications. Bristol Bay Bud Company will not be using any CO2 generators in the facility. We intend to use no chemical fungicides, insecticides, or herbicides in the cultivation of marijuana. We rather employ non-toxic methods of pest control such as, but not limited to, predatory insects, Neem oil, and sticky traps. However, we must plan for any event. I have listed the possible insecticides, fungicides, and herbicides in section 4.6 of the MJ-04. Household-like cleaning products to be used may include, but not limited to, bleach, commercial grade Hydrogen Peroxide, and general cleaners.

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

The Bristol Bay Bud Company will be using on onsite well. The well sourced water will then be run through a reverse osmosis (RO) system, then stored and/or distributed to the various reservoirs in the facility. The RO water will be mixed with the appropriate nutrients and fed to the plants as necessary. The plants will be fed using a drain to waste method with minimal run off. The relatively small amount of cultivation waste water will generally be disposed of via the property's septic system. When the seasons allow, the waste water may be used on the 10 acre property to feed outdoor vegetable/flower gardens and/or yard.

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:

Any marijuana waste, as defined by 3 AAC 306.740(b), will be ground and mixed with an equal amount of other compostable or non-compostable material, rendering it unusable prior to disposal. Materials that will be mixed with the ground marijuana waste may include, but are not limited to, paper products, cardboard, and food scraps.

All marijuana waste will be logged in to METRC with the requisite three-day notice prior to rendering it unusable in accordance with 3 AAC 306.740(c). After the three day waiting period, and after rendering the waste unusable as described above, the waste will be segregated and then transferred to the local landfill.

The Bristol Bay Bud Company will be using on onsite well. The well sourced water will then be run through a reverse osmosis (RO) system, then stored and/or distributed to the various reservoirs in the facility. The RO water will be mixed with the appropriate nutrients and fed to the plants as necessary. The plants will be fed using a drain to waste method with minimal run off. The relatively small amount of cultivation waste water will generally be disposed of via the property's septic system. When the seasons allow, the waste water may be used on the 10-acre property to feed outdoor vegetable/flower gardens and/or yard.

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:

Bristol Bay Bud Company is located on a 10-acre parcel of land and does not have close neighbors. The building's ventilation system is designed to maximize negative pressure within the facility. The negative pressure environment will greatly aid the escape of the odors produced in the cultivation of marijuana by containing the indoor air and preventing the natural leaking through cracks and crevasses of the building. As an additional measure, Bristol Bay Bud Company will be using a necessary number of carbon filters throughout the facility to ensure compliance with 3 AAC 306.430(c.1).

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.	HA
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.	HA

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

Pursuant to the rules set forth in 3 AAC 306.455, for each batch of marijuana produced for sale in recreational retail marijuana stores, Bristol Bay Bud Company will procure a homogeneous, random sample to be sent to an approved and licensed testing facility. All testing samples will be tracked through the METRC system as required by 3 AAC 306.740(c) and 3 AAC 306.435(c). The batch, while out for testing, will be sequestered in our secured storage area until testing results have been obtained and the product has been released for sale in accordance with 3 AAC 306.455(c).

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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:

Bristol Bay Bud Company will not be packaging marijuana products for direct resale in retail establishments at this time. All, up to five pound batches of tested, cured, and trimmed marijuana product being sold to either a licensed retail store, licensed manufacturing facility, or licensed cultivation facility will be packaged in accordance with 3 AAC 306.470(a(1(b))) and 3 AAC 306.470(a(2)). All product will be batched in five pound or less batches accompanied by the required METRC manifest set forth by 3 AAC 306.730(a) and 3 AAC 306.470(c)(d). The batch labels will include all of the information deemed mandatory in 3 AAC 306.475(b). The labels will include cultivator's name and license number, testing facility and license number, date harvested, batch number, weight, strain name, medium, nutrients used (including supplementals), pesticides, herbicides, and insecticides. In addition, at shipment the results from the testing facility will be attached to each batch with an adhesive packing slip envelope. These testing results, attached to each batch in conjunction with the METRC-generated manifest, will satisfy the requirements provided in 3 AAC 306.475(e). (See attached sample label.)

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.

Heather Allen
Signature of licensee

Heather Allen
Printed name of licensee

Official Seal
State of Alaska
Notary Public
Donna R. Wiggins
My Comm. Expires 02/14/2021

Donna R. Wiggins
Notary Public in and for the State of Alaska

My commission expires: 02/14/2021

Subscribed and sworn to before me this 21st day of September, 2018.

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(Additional Space as Needed):

Bristol Bay Bud Company
License # 17452

Strain
Batch #
Total Weight

Testing Facility
License#

Medium:
Nutrients:

Pesticide:
Insecticide:
Herbicide:

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