Alcohol and Marijuana Control Office
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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-05: Marijuana Product Manufacturing Facility

What is this form?

This operating plan supplemental form is required for all applicants seeking a marijuana product manufacturing 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 5** 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 306.520(3).

What additional information is required for cultivation facilities?

Applicants must identify how the proposed establishment will comply with applicable regulations regarding the following:

- Equipment, compounds, and processes to be used
- Waste disposal
- Testing procedure and protocols
- Proposed marijuana concentrates and marijuana products
- Proposed product packaging and sample labels
- Prohibitions

This form must be completed and submitted to AMCO's main office before any new or transfer application for a marijuana product manufacturing facility or marijuana concentrate manufacturing 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:	Tundra Brewing, LLC.	**MJ License #:**		23736	
License Type:	Marijuana Product Manufacturing Facility				
Doing Business As:	Tundra Brewing, LLC.				
Premises Address:	1427 Karen Way				
City:	Fairbanks	**State:**	Alaska	**ZIP:**	99709

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Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the intake, flow, and transfer of marijuana, marijuana concentrate, and marijuana product at and from your premises:

Licensees, employees, or agents receiving distillate in our product manufacturing facility will anticipate it's arrival based on transfer manifest and communication with driver. When transfer has arrived, transporter will have their handlers card checked and be signed into our sign in log prior to entering the restricted access area, and have a visitors tag assigned and displayed at all times while in the facility. All transfers of distillate into the facility will be conducted and received within the emulsification lab. Immediately upon arrival of a transfer of marijuana, the weight/quantity of distillate will be be verified and, barring any discrepancies, the manifest will be signed and the date and time notated and the transfer will be accepted in METRC. After the distillate has been checked in it will be moved to our storage area or taken to the work area for immediate use. Internal tracking systems, such as package tracking and production batch logs, will be utilized to record information about each production batch from distillate to final product. Additionally, METRC will be updated, and packages will be adjusted and created as product is used and produced. In house tracking data and METRC entries will be kept up to date and current. Post-production, a representative sample will be sent to the lab for testing and the remaining product will be quarantined until it has cleared testing; the product will be packaged within METRC . From that package, product may be repackaged in to bulk wholesale packages, or additional packages of prepackaged product may be produced within METRC. When an order is placed from a retailer or a product manufacturing facility, the appropriate quantity will be packaged into a separate package within METRC and a manifest created reflecting the outgoing transfer. The quantity and weight will be double checked by the receiving party or the delivering agent, and signed for on the manifest. Product will leave our facility in tamper evident, locked containers, with a manifest inside the shipping container and the driver being given an additional copies to have on hand during transport.

(Continued on Page 8)

Section 3 – Equipment and Compounds to be Used

Review the requirements under 3 AAC 306.555.

3.1. Describe the equipment and solvents, gases, chemicals, and other compounds the marijuana product manufacturing facility will use to create marijuana concentrates:

As a marijuana product manufacturing facility, we will not be producing any traditional concentrates, nor do we have plans to make any base concentrate (oil, butter, etc) in-house at this time. Until such time that our operating plan changes we will be sourcing distillate from other licensed Alaskan marijuana product manufacturing facilities to infuse our beverages with.

(Additional Space as Needed):

(Continued from Page 2, Section 2.1)
All ingredients meet or exceed food grade status. Certificates of Analysis and other documentation will be kept on file at the facility with the business records. In addition to mandated lab testing, water analysis and microbiological testing will be performed in house and/or by independent laboratory for each batch. Additionally, Pioneer Wells will do 3rd party testing on the spring water monthly. Results will be kept on file at the facility with the other business records.

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Section 4 – 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

4.1. The marijuana product manufacturing 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. BS

4.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including expired or outdated marijuana or marijuana product, 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 or produced:

A commercial bottling machine will be used to produce cannabis spritzers which have been infused with distillate obtained from other manufacturing facilities. Marijuana flower/plant material will not be used in any initial recipes. Disposal of actual marijuana plant waste is a non-issue at this time.

Should any production lot or package of marijuana product in our inventory fail testing or be recalled, expire, or develop quality control issues and require the destruction and disposal of the marijuana product, it will be moved into quarantine and noted on the waste log and within the tracking system. Products will be clearly marked with expiration dates and will be monitored regularly for expirations. If expired product is found it will be moved to quarantine immediate and logged as waste in internal logs a well as within METRC. AMCO will be notified not less than three days before the destruction of any marijuana product. The marijuana product will be disposed of via the sewer system, if permissible, and if not, it will be mixed and ground with newspaper, coffee grounds, soil, and other organic waste and disposed of at the local landfill.

There may be some occasions in which liquid waste of marijuana product could occur in such a way that it is impossible to provide AMCO 72 hours notice before of disposing of the product and rendering it unusable. For example, if one of our glass bottles is to fall and break on the floor, it would immediately be both unusable and disposed of. The facility features a sloped concrete floor with a floor drain, and any product which may spill onto the floor or other hard surfaces will be washed down the drain as those surfaces are cleansed immediately following the spill. When this occurs, photographic documentation of the incident will be taken, when possible, and a memo will be sent to marijuana enforcement via email within 24 hours notifying them of the waste.

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Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.520 and 3 AAC 306.550.

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. I will ensure that any individual responsible for collecting random samples for required laboratory testing under 3 AAC 306.550 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.	BS

Answer "Yes" or "No" to the following question:	Yes	No
5.2. Will the marijuana product manufacturing facility be performing in-house testing (as defined under 3 AAC 306.990(b)(20)?	☐	☑

If "Yes" to 5.2, you must be able to certify the statement below. Read the following and then sign your initials in the box:	Initials
5.3. The area where in-house testing will occur is clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application.	

5.4. Describe the testing procedures and protocols the marijuana product manufacturing facility will follow:

After a production batch is produced a representative sample will be pulled, packaged, and sent to a licensed testing facility. The production batch will be segregated until such a time as the labs clear testing. A random sampling statement will accompany the product to the lab and a copy of the labs will be provided with each wholesale purchase and will be maintained in our records.

Section 8 – Prohibitions

Review the requirements under 3 AAC 306.510.

8.1. I certify that the marijuana product manufacturing facility will not: Initials

a. **sell, deliver, distribute, or transfer any marijuana, marijuana concentrate, or marijuana product directly to a consumer, with or without compensation;** BS

b. **allow any person, including a licensee, employee, or agent, to consume marijuana, marijuana concentrate, or marijuana product on the licensed premises; or** BS

c. **manufacture or sell any product that is an adulterated food or drink, closely resembles a familiar food or drink item including candy, or is packaged to look like candy, or in bright colors or with cartoon characters or other pictures or images that would appeal to children.** BS

I declare under penalty of unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

Signature of licensee

Brian Simpson

Printed name of licensee

Lauren Jusino

Notary Public in and for the State of Alaska

My commission expires: 11/7/2020.

Subscribed and sworn to before me this 10th day of December, 2019.

STATE OF ALASKA
NOTARY PUBLIC
Lauren Jusino
My Commission Expires November 7, 2020

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Section 6 – Proposed Marijuana Concentrates and Marijuana Products

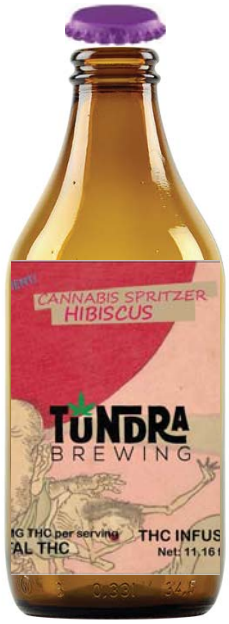
Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Hibiscus Cannabis Spritzer		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	9 months
Intended Use: Smokable/ edible/topical/wholesale/etc.	infused beverage		

Product Description: Details must include the color, shape, and texture.	clear rose to red carbonated beverage (carbonated spring water)
Ingredients:	Spring Water, Carbon Dioxide, Dried Hibiscus Flower Tea (Infusion), Natural Flavor Emulsion (food grade essential oil emulsified with acacia gum and damor gum), ascorbic acid (vitamin C), Cannabis Distillate
Standard Production Procedure and Detailed Manufacturing Process:	Infuse Hibiscus Flowers into Spring water at 167-170 degrees for 20 minutes; chill; emulsify cannabis distillate and natural flavor; homogenize with shear blender and carbonate to 2.2- 2.8 volume CO2 and bottle using automated bottling equipment.

Depiction:
Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.



* Cap may be purple, orange or green to designate indica dominiant, sativa dominant, or hybrid based distillate.

* Each bottle of spritzer will also include an individual serving size dosage cup/delineated shot glass and stopper cap for resealing (as shown)

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Hibiscus Cannabis Spritzer
Product Type:	Infused Beverage - Other Marijuana Product

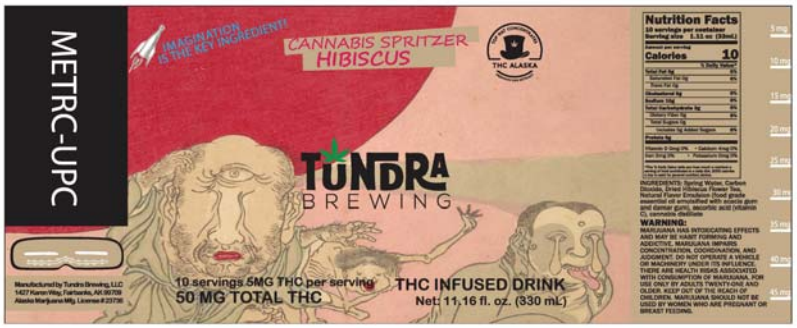
Packaging Description:
Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Please include photos, drawings, or graphic representations.

* Spritzer will be sealed with 26mm oxygen barrier, pry-off, Crown Caps, made of tin plated steel, which may be purple, orange, or green (to designate indica dominiant, sativa dominant, or hybrid based distillate infusion.) Caps feature a PVC free liner which protects from external contamination such as odor and oxygen, helping to preserve the drink.

* Spritzer will be bottled in an 11oz/330mL, amber colored, glass bottle, capped with pry-off, color-coded lids, as show above and labeled as shown below. Each bottle of spritzer will also include an individual serving size dosage cup/delineated shot glass and stopper cap for resealing (see below)

* Each 11oz/330mL bottle contains 50MG total THC, with ten (10) servings of 1.1oz/33mL containing 5MG THC each serving, clearly delineated on the label with marker bars calibrated to accurately measure each serving.

Sample Labels:
Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.



Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Spearmint Cannabis Spritzer		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	9 months
Intended Use: Smokable/ edible/topical/wholesale/etc.	infused beverage		

Product Description: Details must include the color, shape, and texture.	liquid; clear to golden in color with slight haze
Ingredients:	Spring Water, Carbon Dioxide, Natural Flavor Emulsion (food grade essential oil emulsified with acacia gum and damor gum), ascorbic acid (vitamin C), Cannabis Distillate
Standard Production Procedure and Detailed Manufacturing Process:	Emulsify distillate with natural flavor and homogenize, chill to 33 degrees and carbonate to 2.2- 2.8 volume CO2; bottle using specialized automated bottling equipment.

Depiction:
Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.

* Cap may be purple, orange, or green to designate indica dominiant, sativa dominant, or hybrid based distillate.

* Each bottle of spritzer will also include an individual serving size dosage cup/delineated shot glass and stopper cap for resealing (as shown)

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Spearmint Cannabis Spritzer
Product Type:	Infused Beverage - Other Marijuana Product

Packaging Description:
Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Please include photos, drawings, or graphic representations.

* Spritzer will be sealed with 26mm oxygen barrier, pry-off, Crown Caps, made of tin plated steel, which may be purple, orange, or green (to designate indica dominiant, sativa dominant, or hybrid based distillate infusion.) Caps feature a PVC free liner which protects from external contamination such as odor and oxygen, helping to preserve the drink.

* Spritzer will be bottled in an 11oz/330mL, amber colored, glass bottle, capped with pry-off, color-coded lids, as show above and labeled as shown below. Each bottle of spritzer will also include an individual serving size dosage cup/delineated shot glass and stopper cap for resealing (see below)

* Each 11oz/330mL bottle contains 50MG total THC, with ten (10) servings of 1.1oz/33mL containing 5MG THC each serving, clearly delineated on the label with marker bars calibrated to accurately measure each serving.

Sample Labels:
Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.