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:	Royal Mountain Extracts LLC	**License Number:**	13249		
License Type:	Marijuana Product Manufacturing Facility				
Doing Business As:	X-TRACTED LABORATORIES				
Physical Address:	38957 S COMMERCIAL DR				
City:	Talkeetna	**State:**	AK	**Zip Code:**	99676
Designated Licensee:	Joe McAneney				
Email Address:	joe@thehighexpedition.com				

Section 2 – Attached Items

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

Attached Items:	Updated (As of 9/20/17) Form MJ-05 Marijuana Product Manufacturing Facility

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

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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 the **Marijuana Establishment Operating Plan (Form MJ-01)**, 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 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 306.520(3).

What additional information is required for product manufacturing facilities?

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

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

This form must be submitted to AMCO's main office before any marijuana product manufacturing 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:	Royal Mountain Extracts LLC	**License Number:**	13249		
License Type:	Marijuana Product Manufacturing Facility				
Doing Business As:	X-TRACTED LABORATORIES				
Premises Address:	38957 South Commercial Drive				
City:	Talkeetna	**State:**	ALASKA	**ZIP:**	99676

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Section 2 – Prohibitions

Applicants should review 3 AAC 306.510 and be able to answer "Agree" to all items below.

The marijuana product manufacturing facility will not:	Agree	Disagree
Sell, deliver, distribute, or transfer any marijuana, marijuana concentrate, or a marijuana product directly to a consumer, with or without compensation	✓	☐
Allow any person, including a licensee, employee, or agent, to consume marijuana, marijuana concentrate, or a marijuana product on its licenses premises	✓	☐

The marijuana product manufacturing facility will not manufacture or sell any product that:	Agree	Disagree
Is an adulterated food or drink	✓	☐
Closely resembles a familiar food or drink item including candy	✓	☐
Is packaged to look like candy, or in bright colors or with cartoon characters or other pictures or images that would appeal to children	✓	☐

Section 3 – Equipment, Compounds, and Processes to be Used

Review the requirements under 3 AAC 306.555, and identify how the proposed premises will meet the listed requirements.

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

Professional grade closed-loop hydrocarbon extractor designed for Butane (Butane, N-Butane, & Iso-Butane), or Propane. This system includes a recovery pump, solvent recovery tank, solvent scale, heated water circulator, and chiller. Filtration pumps, rotary evaporator, and distillation system. Vacuum ovens, vacuum pumps, pneumatic heat press, Bubble Magic washing machine (or comparable), ice water hash extraction bags, homogenizers, magnetic stir plates, certified scales, and heat guns.

Solvents: Butane, N-Butane, Iso-Butane, Propane, Food Grade Ethanol
Chemicals: Alcohols, Aldehydes, Terpenes, Ketones, Liquid Nitrogen, Natural and Artificial Flavoring.
Other: Dry Ice, Water, Activated Carbon

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Describe the processes to be used to create marijuana concentrates:

Marijuana flower and trim will be purchased from licensed marijuana cultivation facilities and manufacturing facilities. After the intake process, the marijuana will then be properly stored until ready to be processed. X-tracted Laboratories will utilize the following methods to extract concentrated marijuana oil from plant matter pursuant to 3 AAC 306.555 and will follow all health and safety standards as outlines in 3 AAC 306.735 & 3 AAC 306.545, the Alaska Food Safety Code (18 AAC 31) and all health and safety standards applicable for retail food establishments.

Closed Loop Extraction Process
Marijuana concentrates such as Refine Alaska Loud Resin, Refine Alaska Double Dippers, Northwest Concentrates, Cannabis Oil, and more (as outlined in the product list) will be created using a professional grade closed-loop extraction system, designed to recover the solvents. Marijuana plant matter is mixed with a solvent (Butane, N-Butane, Iso-Butane, Propane), or a combination thereof, and ethanol. This solvent removes the resin glands and cannabinoids from the plant, leaving them suspended in the solution. The solution is purged to remove all residual solvents below the regulated ranges (3 AAC 306.645) from the product. The concentrated oil is then packaged for testing and sale. Flavoring (as needed) will then be added to the marijuana concentrate until fully homogenized. If being used for vaporizer cartridges, the solution is then winterized and distilled (optional) to remove any residual wax, fats, or lipids. Plant material used in the closed loop extractors will be either fresh marijuana plant material or dried and cured material. Extractions will take place in an environment with proper ventilation and control of all ignition sources. Each vessel will be used in compliance with the manufacturer's stated pressure ratings. Our professional grade closed-loop system has been third party peer reviewed by professional engineers and meets all regulatory requirements for safe and legal operation and is compliant with all CLASS 1 – DIVISION 1 code requirements. Any authorized individual using a solvent or gas to extract marijuana concentrate in the closed-loop system will be fully trained on how to use the system, how to handle and store solvents, and will be given access to applicable material safety data sheets.

Pneumatic Heat Press Process
Marijuana plant matter or other marijuana concentrates will be placed on food safe paper and placed between the pneumatic heat press plates for extraction. The press will utilize temperature and pressure in order to melt and squeeze the resin glands out of the material. This method does not require solvents or a closed loop extraction system in order to product the final product. It will be stored until packaged for testing and sale.

Bubble Magic Washing Machine/Bubble Bags
Ice Wax will be made using either Bubble Bags (or comparable) and the Bubble Magic Washing Machine (or comparable). Marijuana will be placed in bags, frozen, and then placed in the washing machine with ice and agitated. The frozen material releases the resin glands during the washing process. After the process is complete, the resin will be removed from the bags and placed on a drying rack to cure. Once cured it will be properly stored.

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Operating Plan Supplemental

Form MJ-05: Marijuana Product Manufacturing Facility

Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Loud Resin™
Type:	Concentrate

Product Description: Details must include the color, shape, and texture.	Refine is a brand as well as an indicator of quality. For an extraction to fall under the Refine Alaska brand, certain standards must be met. Extractions are judged and need to live up to certain aroma and appearance criteria. Consistencies, textures, and colors will vary by strain and starting material, but generally Refine Alaska Loud Resin™ will posses a golden yellow to dark amber color; amorphous shape, and a waxy texture.

Ingredients: This box is not applicable to marijuana concentrates	N/A

Standard Production Procedure and Detailed Manufacturing Process:	Marijuana concentrate is extracted in a closed-loop machine using flower or trim with the use of the following solvents; Butane, N-Butane, Iso-Butane, Propane, (or a combination of). The solution is properly purged to remove all residual solvents below the regulated ranges (3 AAC 306.645) from the product. The concentrated oil is then properly packaged until testing and sale.

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

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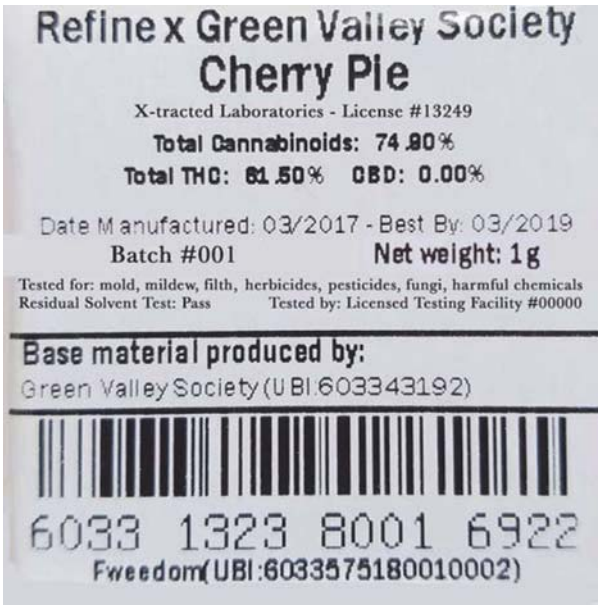
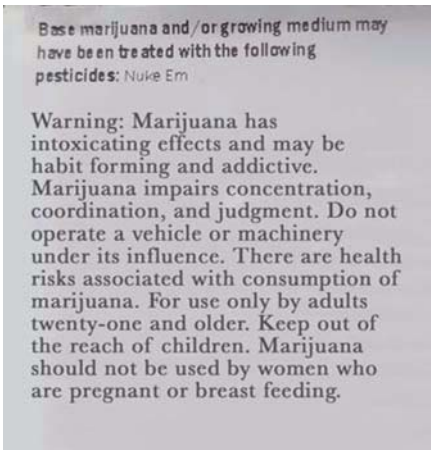
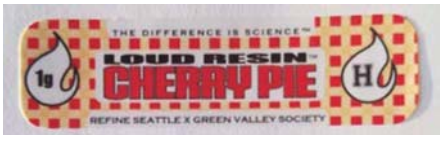
Form MJ-05: Marijuana Product Manufacturing Facility

Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for <u>each</u> proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Loud Resin™
Type:	Concentrate

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. Attached photos, drawings, or graphic representations are preferred.	Packaging consists of non-toxic, sealed, plastic or glass containers that will hold no more than one (1) gram of Refine Alaska Loud Resin™. The plastic/glass containers will be wrapped in a child-resistant cardboard collar and placed in non-toxic, sealed, opaque 1.5"x1.5"x1.5" cardboard boxes, with a view port on the front and back to display the product. Not to be repackaged. Total cannabinoid content per product will range from 40-99%

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	  

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Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Northwest Concentrates™
Type:	Concentrate

Product Description: Details must include the color, shape, and texture.	Not all marijuana can express the superior characteristics found in the Refine Alaska brand. The products under the Refine Alaska brand must meet specific criteria in terms aroma and appearance. If specific characteristics are not present in a given batch, it is classified under the Northwest Concentrates™ brand. Consistencies, textures, and colors will vary by strain and starting material, but generally Northwest Concentrates™ will posses a golden yellow to dark amber color; amorphous shape, and a waxy texture.

Ingredients: This box is not applicable to marijuana concentrates	N/A

Standard Production Procedure and Detailed Manufacturing Process:	Marijuana concentrate is extracted in a closed-loop machine using flower or trim with the use of the following solvents; Butane, N-Butane, Iso-Butane, Propane (or a combination of). The solution is purged to remove all residual solvents below the regulated ranges (3 AAC 306.645) from the product. The concentrated oil is then properly packaged until testing and sale.

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

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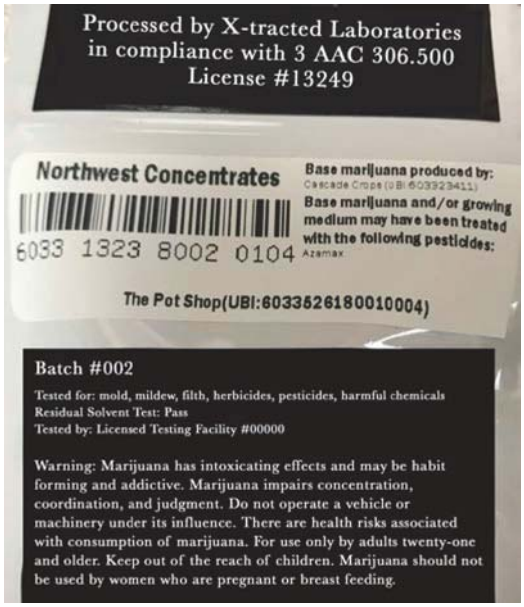
Form MJ-05: Marijuana Product Manufacturing Facility

Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Northwest Concentrates™
Type:	Concentrate

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. Attached photos, drawings, or graphic representations are preferred.	Packaging consists of non-toxic, sealed, plastic or glass containers that will hold 500 to 1000mg of Northwest Concentrates™. The plastic/glass containers will be placed in non-toxic, opaque, black or white, mylar bags with a clear front to show the product. Bags will be 3"x4.5". Not to be repackaged. Total cannabinoid content per product will range from 40-99%.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	

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Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Distillate
Type:	Concentrate

Product Description: Details must include the color, shape, and texture.	Refine Alaska Distillate is a THC/CBD concentrate. It is transparent and ranges from crystal clear to a golden clear color, similar to honey. Refine Alaska Distillate possesses a gooey, smooth consistency and is sticky and oily in nature. Comes in a variety of flavors with varying THC and CBD levels.

Ingredients: This box is not applicable to marijuana concentrates	N/A

Standard Production Procedure and Detailed Manufacturing Process:	Cannabis oil is extracted in a closed loop machine using flower or trim with the use of the following solvents; Butane, N-Butane, Iso-Butane, Propane (or a combination of), or Ethanol. The solution is strained and purged to remove all plant matter, lipids, fats, and residual solvents below the regulated ranges (3 AAC 306.645) from the product. That concentrate is then distilled to create a cleaner, clearer product. Flavoring will be used as needed. The concentrated oil is then properly packaged until testing and sale.

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

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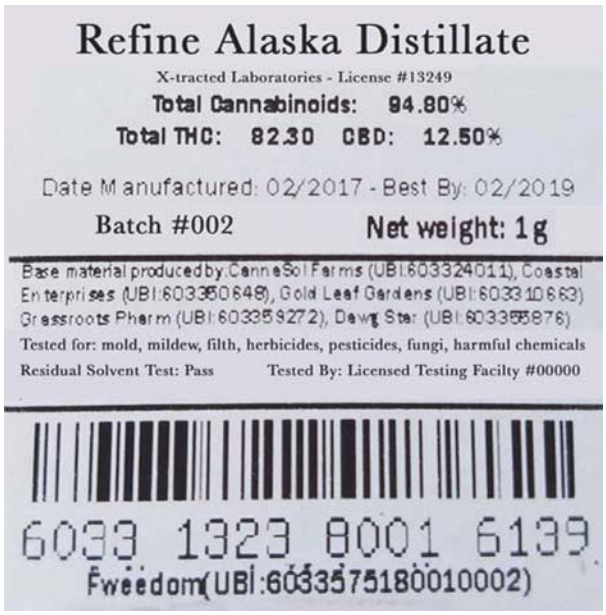
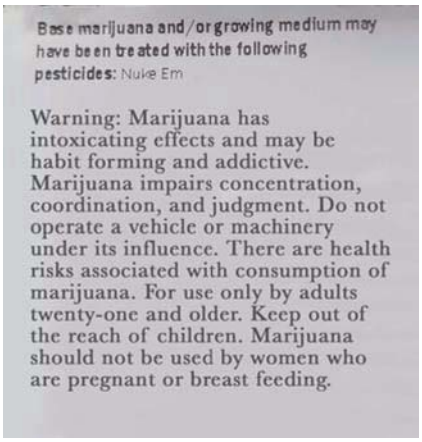
Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Distillate
Type:	Concentrate

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. Attached photos, drawings, or graphic representations are preferred.	Packaging consists of non-toxic, sealed, plastic or glass containers that will hold no more than 1000mg of Refine Alaska Distillate. The plastic/glass containers will be wrapped in a cardboard collar and placed in non-toxic, sealed, opaque 1.5"x1.5"x1.5" cardboard boxes, with a view port on the front and back to display the product. Not to be repackaged. Total cannabinoid content per product will range from 40-99%

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	 

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Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Double Dipper™
Type:	Concentrate

Product Description: Details must include the color, shape, and texture.	This product is a combination of two other products. Refine Alaska Double Dippers includes equal parts Refine Alaska Loud Resin™ and Refine Alaska Distillate. Consistencies, textures, and colors will vary by strain and starting material, but generally Refine Alaska Double Dipper™ will posses a golden yellow to dark amber color; amorphous shape, and a waxy texture.

Ingredients: This box is not applicable to marijuana concentrates	N/A

Standard Production Procedure and Detailed Manufacturing Process:	Marijuana concentrate is extracted in a closed loop machine using flower or trim with the use of the following solvents; Butane, N-Butane, Iso-Butane, Propane, (or a combination of) or Ethanol. The solution is strained and purged to remove all plant matter, lipids, fats, and residual solvents below the regulated ranges (3 AAC 306.645) from the product. That concentrate is then distilled to create a cleaner, clearer product. The distilled product is then added in equal parts to Refine Alaska Loud Resin™ during packaging. The concentrated oil is then properly packaged until testing and sale.

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

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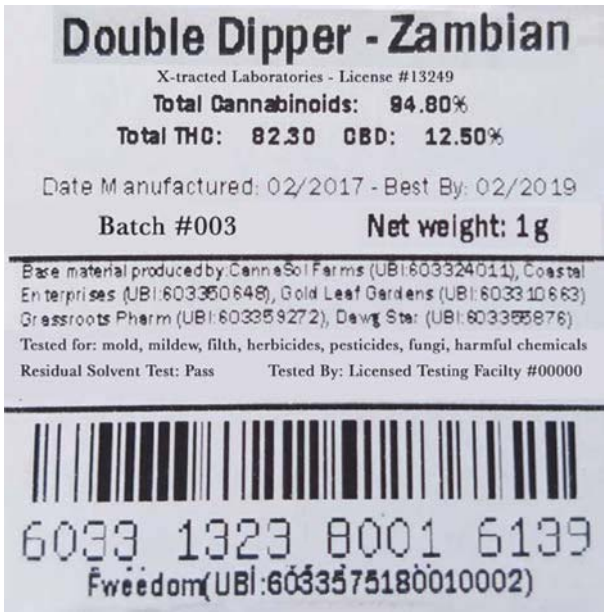
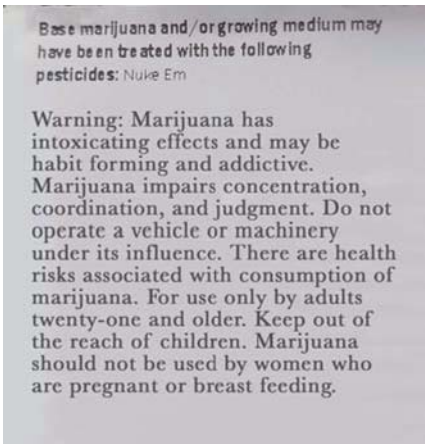
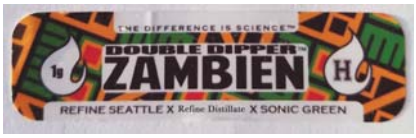
Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for <u>each</u> proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Double Dipper™
Type:	Concentrate

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. Attached photos, drawings, or graphic representations are preferred.	Packaging consists of non-toxic, sealed, plastic or glass containers that will hold no more than 500mg of Refine Alaska Loud Resin™ and no more than 500mg of Refine Alaska Distillate. The plastic/glass containers will be wrapped in a cardboard collar and placed in non-toxic, sealed, opaque 1.5"x1.5"x1.5" cardboard boxes, with a view port on the front and back to display the product. Not to be repackaged. Total cannabinoid content per product will range from 40-99%.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	  

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Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Cartridge
Type:	Concentrate

Product Description: Details must include the color, shape, and texture.	Refine Alaska Distillate is a THC/CBD concentrate. It is transparent and ranges from crystal clear to a golden clear color, similar to honey. Refine Alaska Distillate possesses a gooey, smooth consistency and is sticky and oily in nature. Comes in a variety of flavors with varying THC and CBD levels. The Refine Alaska Distillate will be loaded into vaporizer cartridges, sold with and without battery packs.

Ingredients: This box is not applicable to marijuana concentrates	N/A

Standard Production Procedure and Detailed Manufacturing Process:	Marijuana concentrate is extracted in a closed loop machine using flower or trim with the use of the following solvents; Butane, N-Butane, Iso-Butane, Propane, (or a combination of) or Ethanol. The solution is strained and purged to remove all plant matter, lipids, fats, and residual solvents below the regulated ranges (3 AAC 306.645) from the product. That concentrate is then distilled to create a cleaner, clearer product. Flavoring will be used as needed. The product will then be loaded into vaporizer pen cartridges (no more than 1000mg total per product). The vaporizer pens are then properly packaged until testing and sale.

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

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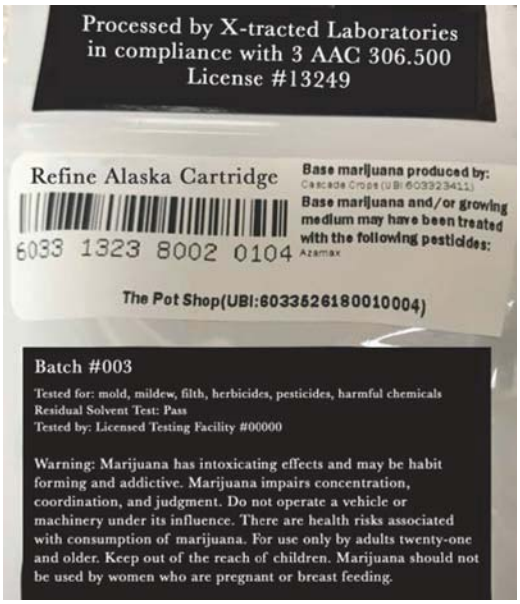
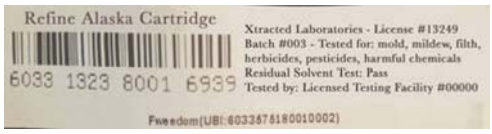
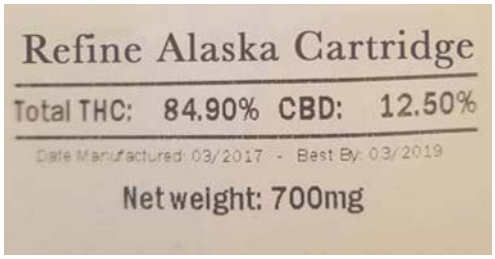
Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for <u>each</u> proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Cartridge
Type:	Concentrate

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. Attached photos, drawings, or graphic representations are preferred.	The cartridge will be placed in non-toxic, resealable, plastic tube. Cartridge tubes will be placed in non-toxic, opaque, black or white mylar bags with a clear front to show product. Bags will be 3"x4.5". Total cannabinoid content per product will range from 40-99%.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	  

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Form MJ-05: Marijuana Product Manufacturing Facility

Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Cannabinoid Isolate
Type:	Concentrate

Product Description: Details must include the color, shape, and texture.	Color is white/clear to light yellow/amber. Shape is crystalline, fine, and powdery. Amorphous texture.

Ingredients: This box is not applicable to marijuana concentrates	N/A

Standard Production Procedure and Detailed Manufacturing Process:	Marijuana concentrate is extracted in a closed-loop machine using flower or trim with the use of the following solvents; Butane, N-Butane, Iso-Butane, Propane, (or a combination of). The solution is properly purged to remove all residual solvents below the regulated ranges (3 AAC 306.645) from the product. That concentrate is then distilled to create a cleaner, clearer product. That distillate is then combined with a secondary solvent to isolate individual compounds. Once isolated, any residual solvents will be vacuum purged and removed from the solution. Various compounds could be: THC/THCA/THCV/CBD/CBDA/CBG/CBN/CBH/CBM/CBGA/DELTA-1,2,3,4,5,6,7,8,9 molecular compounds.

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

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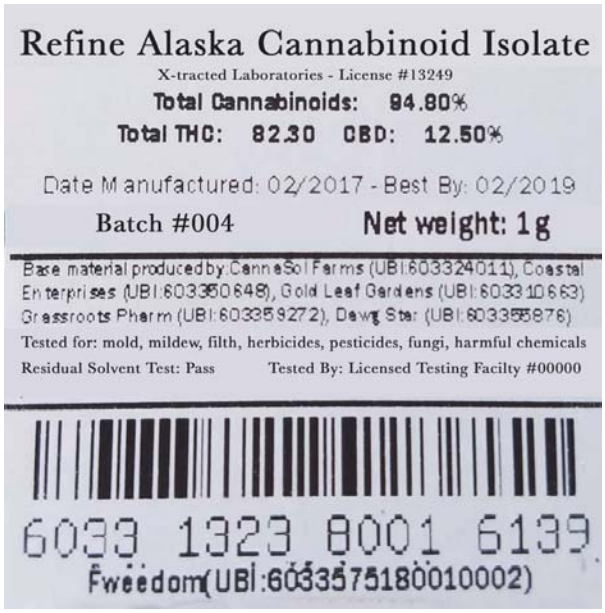
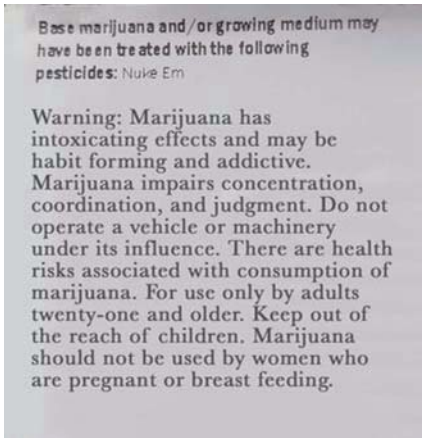
Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for <u>each</u> proposed marijuana concentrate or marijuana product.**

Product Name:	Refine Alaska Cannabinoid Isolate
Type:	Concentrate

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. Attached photos, drawings, or graphic representations are preferred.	Packaging consists of non-toxic, sealed, plastic or glass containers that will hold no more than one (1) gram of Cannabinoid Isolate. The plastic/glass containers will be wrapped in a child-resistant cardboard collar and placed in non-toxic, sealed, opaque 1.5"x1.5"x1.5" cardboard boxes, with a view port on the front and back to display the product. Not to be repackaged. Total cannabinoid content per product will range from 40-99%

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	 

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Product Name:	Cannabis Oil
Type:	Concentrate

Product Description: Details must include the color, shape, and texture.	Cannabis oil is a translucent oil that ranges in color from dark brown to golden yellow. It has a shiny sheen and oily texture. It may be strain specific and contain varying levels of cannabinoids. Will be used to make edibles and concentrate creations. It will not be packaged for individual sale to retail locations and only available for wholesale to other manufacturing facilities.

Ingredients: This box is not applicable to marijuana concentrates	N/A

Standard Production Procedure and Detailed Manufacturing Process:	Cannabis oil is extracted in a closed-loop machine using flower or trim with the use of the following solvents; Butane, N-Butane, Iso-Butane, Propane, (or a combination of). The solution is properly purged to remove all residual solvents below the regulated ranges (3 AAC 306.645) from the product. The concentrated oil is then packaged for proper storage until testing and sale.

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

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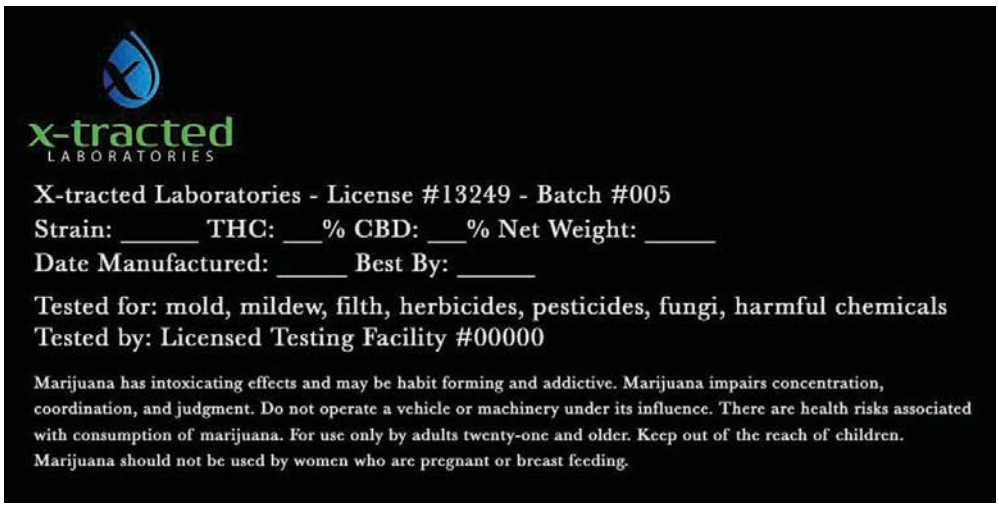
Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Cannabis Oil
Type:	Concentrate

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. Attached photos, drawings, or graphic representations are preferred.	Packaging options include non-toxic, opaque, black, or white Mylar with an optional clear back to show product. Bags range from 3"x4.5" to 14 3/5" x 16 3/7" x 6" bags. The designated amount of Cannabis Oil will be packaged in a glass/plastic container or parchment paper and then placed in the box or bag and sealed for internal use and storage until sold to other manufacturers. Total cannabinoid content per product will range from 40-99%.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	 x-tracted LABORATORIES X-tracted Laboratories - License #13249 - Batch #005 Strain: _____ THC: ___% CBD: ___% Net Weight: _____ Date Manufactured: _____ Best By: _____ Tested for: mold, mildew, filth, herbicides, pesticides, fungi, harmful chemicals Tested by: Licensed Testing Facility #00000 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.

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Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Ganja Grindz Aloha Palmer
Type:	Edible

Product Description: Details must include the color, shape, and texture.	Aloha Palmer which is an amazing blend of tropical green tea and refreshing pineapple juice! Each 8oz bottle will consist of ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle. Each 4oz bottle will consist of five (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle. Each bottle contains a dark golden colored liquid, similar to pineapple juice.

Ingredients: This box is not applicable to marijuana concentrates	Purified water, sugar, citric acid, green tea , pineapple juice, green tea flavor, mango flavor, passion fruit flavor, proprietary oil blend (coconut oil, cannabis distillate, polysorbate 60, sorbitan stearate, CBD isolate).

Standard Production Procedure and Detailed Manufacturing Process:	Heat water, green tea, and other ingredients according to manufacturer's instructions, pour into plastic dispensing bucket and dispense back into cleaned stock pot. Set up trays of sanitized bottles of appropriate size. Fill each bottle according to bottle filling instructions. Pump proprietary oil blend into each bottle according to dosing instructions. Then close with recloseable child resistant cap and tamper evident seal. Place accurate product identifying label on front of bottle and place information label on back. Place in storage until transported for sale.

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

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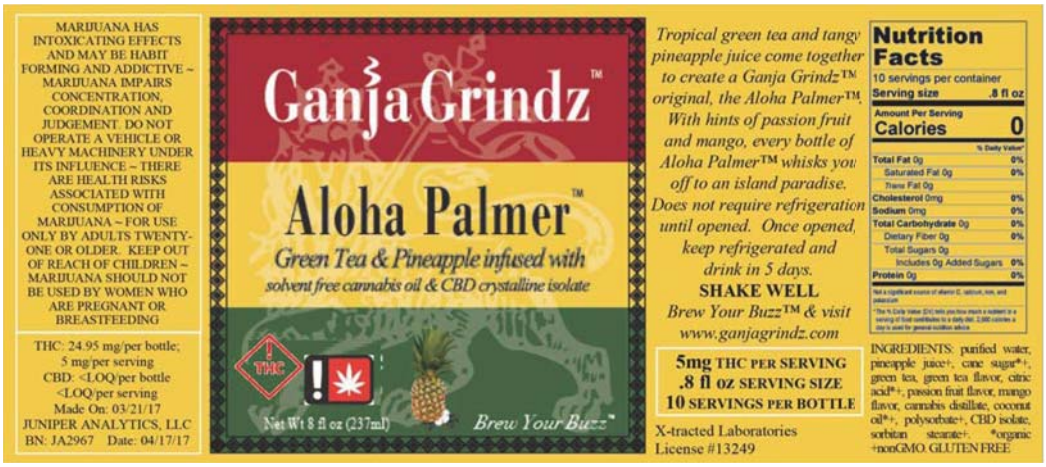
Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for <u>each</u> proposed marijuana concentrate or marijuana product.**

Product Name:	Ganja Grindz Aloha Palmer
Type:	Edible

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. Attached photos, drawings, or graphic representations are preferred.	Ganja Grindz Aloha Palmer will be packaged in both 4oz and 8oz pre-washed glass amber Boston bottle with state required child proof cap and shrink band tamper evident seal that have their appropriate specific state regulatory Ganja Grindz product label on front and product information, nutritional panel and state required warning label on back. 4oz bottles are 4.5 inches tall and have a 2 inch diameter. 8oz bottles are 5.5 inches tall and have a 2.4 inch diameter. Each 8oz bottle will consist of ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle. Each 4oz bottle will consist of four (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	

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Product Name:	Ganja Grindz Pomegranate Matcha Green Tea
Type:	Edible

Product Description: Details must include the color, shape, and texture.	An amazingly balanced blend of sweet and tangy pomegranates and rich and earthy ceremonial matcha powder. Each 8oz bottle will consist of ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle. Each 4oz bottle will consist of five (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle. Each bottle contains a dark red colored liquid, similar to pomegranate juice.

Ingredients: This box is not applicable to marijuana concentrates	Purified water, sugar, pomegranate juice concentrate, Green tea, matcha powder, citric acid, ascorbic acid, natural flavor, proprietary oil blend (coconut oil, cannabis distillate, polysorbate 60, sorbitan stearate, CBD isolate).

Standard Production Procedure and Detailed Manufacturing Process:	Heat water, green tea, and other ingredients according to manufacturer's instructions, pour into plastic dispensing bucket and dispense back into cleaned stock pot. Set up trays of sanitized bottles of appropriate size. Fill each bottle according to bottle filling instructions. Pump proprietary oil blend into each bottle according to dosing instructions. Then close with recloseable child resistant cap and tamper evident seal. Place accurate product identifying label on front of bottle and place information label on back. Place in storage until transported for sale.

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

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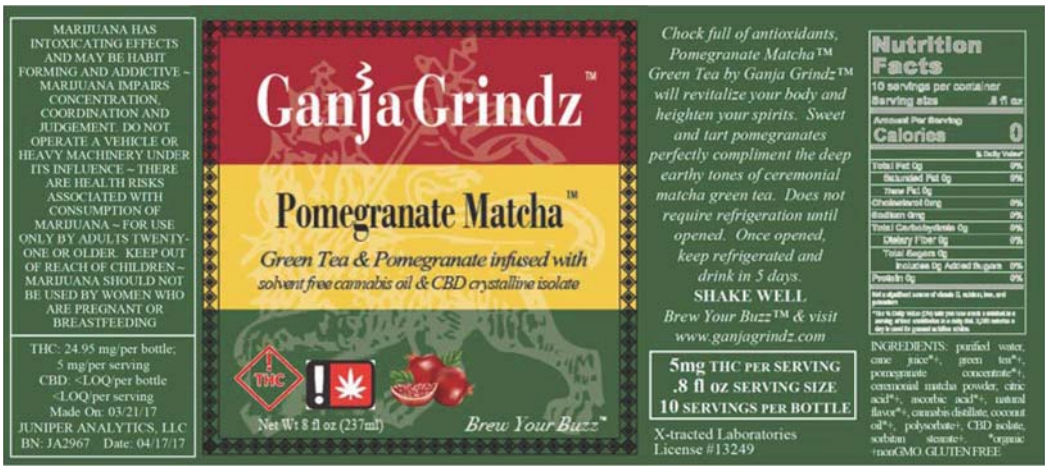
Product Name:	Ganja Grindz Pomegranate Matcha Green Tea
Type:	Edible

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. Attached photos, drawings, or graphic representations are preferred.	Ganja Grindz Pomegranate Matcha Green Tea will be packaged in both 4oz and 8oz pre-washed glass amber Boston bottle with state required child proof cap and shrink band tamper evident seal that have their appropriate specific state regulatory Ganja Grindz product label on front and product information, nutritional panel and state required warning label on back. 4oz bottles are 4.5 inches tall and have a 2 inch diameter. 8oz bottles are 5.5 inches tall and have a 2.4 inch diameter. Each 8oz bottle will consist of ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle. Each 4oz bottle will consist of four (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	

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Product Name:	Ganja Grindz Remedy Syrup
Type:	Edible

Product Description: Details must include the color, shape, and texture.	Ganja Remedy Syrup is an Agave based, Tangerine & Watermelon water soluble cannabis syrup. Each 60ml bottle will consist of either ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle; or five (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle. Each bottle contains a clear, syrup like liquid.

Ingredients: This box is not applicable to marijuana concentrates	Agave, sugar, purified water, vegetable glycerin, sorbitol, citric acid, ascorbic acid, acacia gum, natamyacin, proprietary oil blend. (coconut oil, cannabis distillate, polysorbate 60, sorbitan stearate, CBD isolate). Tangerine: add natural tangerine extract and natural tangerine oil. Watermelon: add watermelon flavor.

Standard Production Procedure and Detailed Manufacturing Process:	Set up trays of sanitized bottles of appropriate size, fill each bottle with pre-made agave syrup according to bottle filling instructions. Pump proprietary oil blend into each bottle according to dosing instructions. Add desired flavoring. Then close with recloseable child resistant cap and tamper evident seal. Place accurate product identifying label on front of bottle and place information label on back. Place in storage until transported for sale.

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

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Section 5 – Proposed Product Packaging and Sample Labels

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Product Name:	Ganja Grindz Remedy Syrup
Type:	Edible

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. Attached photos, drawings, or graphic representations are preferred.	Ganja Grindz Remedy Syrup will be packaged in 60ml pre-washed glass amber Boston bottle with state required child proof cap and shrink band tamper evident seal that have their appropriate specific state regulatory Ganja Grindz product label on front and product information, nutritional panel and state required warning label on back. 60ml bottles are 3.7 inches tall and have a 1.5 inch diameter. Each 60ml bottle will consist of either ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle; or five (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	

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Product Name:	Ganja Grindz Roastmaster's Blend Coffee
Type:	Edible

Product Description: Details must include the color, shape, and texture.	With a bold aroma and smooth velvety flavor, Roastmaster's Blend coffee will wake and bake you no matter what time of day. Our award winning coffee is locally roasted, fair trade, shade grown, all natural, vegan, nonGmo, sugar free and dairy free coffee. Feel free to drink it black or add a touch of your favorite sweetened creamer. Each 8oz bottle will consist of ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle. Each 4oz bottle will consist of five (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle. Each bottle contains a dark brown colored coffee liquid.

Ingredients: This box is not applicable to marijuana concentrates	Purified water, 4oz or 8oz of prepared coffee, appropriate dose of proprietary oil blend (coconut oil, cannabis distillate, polysorbate 60, sorbitan stearate, CBD isolate)

Standard Production Procedure and Detailed Manufacturing Process:	Brew coffee in accordance with manufacturer's instructions using 2 ½ cups of ground coffee for 42 cup coffee urn. Deposit proprietary oil blend with correct amount into sanitized bottle, then fill with prepared coffee, then close with recloseable child resistant cap and tamper evident seal. Place in storage until ready for shipment.

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

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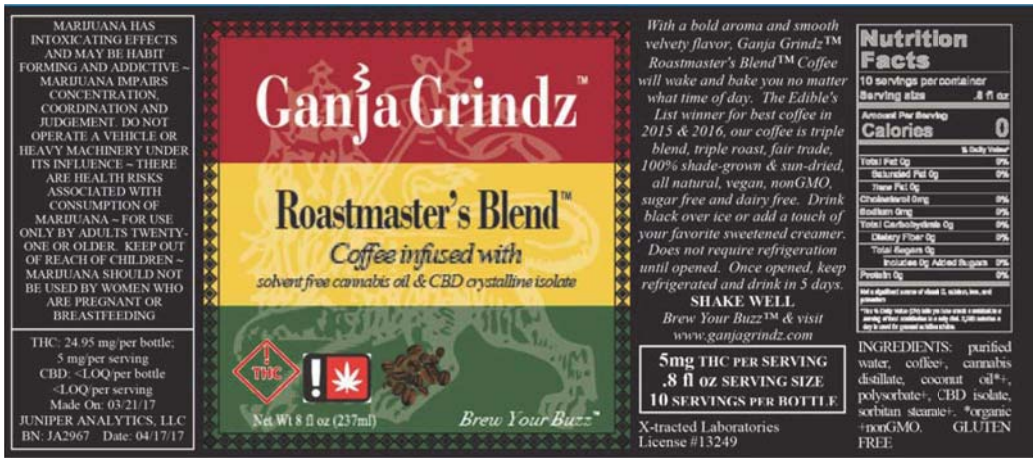
Product Name:	Ganja Grindz Roastmaster's Blend Coffee
Type:	Edible

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. Attached photos, drawings, or graphic representations are preferred.	Ganja Grindz Roastmaster's Blend Coffee will be packaged in both 4oz and 8oz pre-washed glass amber Boston bottle with state required child proof cap and shrink band tamper evident seal that have their appropriate specific state regulatory Ganja Grindz product label on front and product information, nutritional panel and state required warning label on back. 4oz bottles are 4.5 inches tall and have a 2 inch diameter. 8oz bottles are 5.5 inches tall and have a 2.4 inch diameter. Each 8oz bottle will consist of ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle. Each 4oz bottle will consist of five (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	

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Product Name:	Ganja Grindz Spiced Apple Cider
Type:	Edible

Product Description: Details must include the color, shape, and texture.	Ganja Grindz 100% natural Apple Cider is freshly pressed from locally harvested apples in Southern California then infused with the perfect blend of mulling spices. For that warm and cozy feeling all year long, enjoy this award winning cider hot or over ice. Each 8oz bottle will consist of ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle. Each 4oz bottle will consist of five (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle. Each bottle contains a dark golden colored liquid, similar to apple juice.

Ingredients: This box is not applicable to marijuana concentrates	Purified water, fresh apple cider, dried orange peel, cinnamon sticks, allspice, clove, proprietary oil blend (coconut oil, cannabis distillate, polysorbate 60, sorbitan stearate, CBD isolate).

Standard Production Procedure and Detailed Manufacturing Process:	Heat Cider with spices, Skim off apple fiber, pour into plastic dispensing bucket and dispense back into cleaned stock pot. Set up trays of sanitized bottles of appropriate size. Fill each bottle according to bottle filling instructions. Pump proprietary oil blend into each bottle according to dosing instructions. Then close with recloseable child resistant cap and tamper evident seal. Place accurate product identifying label on front of bottle and place information label on back. Place in storage until transported for sale.

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

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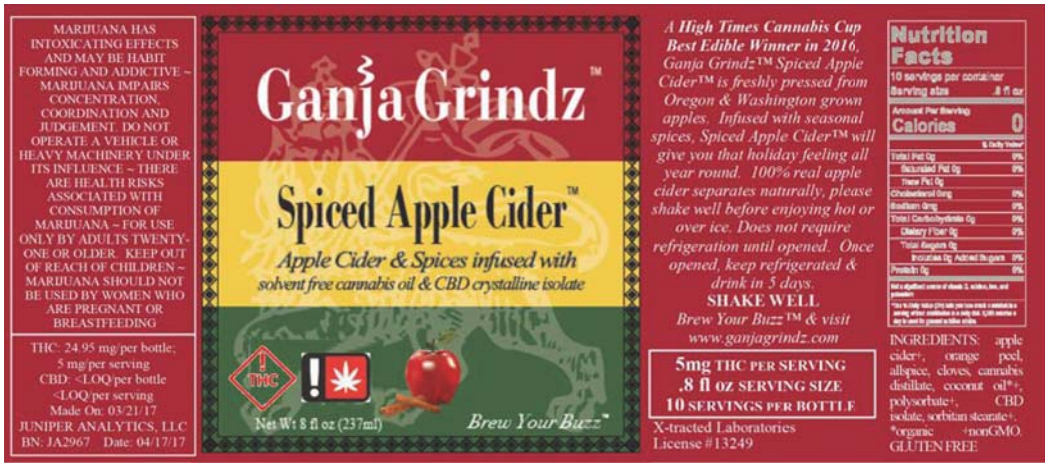
Product Name:	Ganja Grindz Spiced Apple Cider
Type:	Edible

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. Attached photos, drawings, or graphic representations are preferred.	Ganja Grindz Spiced Apple Cider will be packaged in both 4oz and 8oz pre-washed glass amber Boston bottle with state required child proof cap and shrink band tamper evident seal that have their appropriate specific state regulatory Ganja Grindz product label on front and product information, nutritional panel and state required warning label on back. 4oz bottles are 4.5 inches tall and have a 2 inch diameter. 8oz bottles are 5.5 inches tall and have a 2.4 inch diameter. Each 8oz bottle will consist of ten (10) servings, each containing 5mg of THC, totaling 50mg for the entire bottle. Each 4oz bottle will consist of four (5) servings, each containing 5mg of THC, totaling 25mg for the entire bottle.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	

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Product Name:	Sour Bitz
Type:	Edible

Product Description: Details must include the color, shape, and texture.	Candies are small trapezoids; chewy and gelatinous in texture. Color present in the candy is naturally occurring in the all natural flavoring, candies are a deep purple, pink, coral and yellow. Each piece is 5mg, ten pieces in a bag for 50mg total per bag.

Ingredients: This box is not applicable to marijuana concentrates	Water, Cane Sugar, Natural Gelatin, Lemon Juice, Distilled Cannabis Concentrate, Citric Acid, Natural Flavors and Colors.

Standard Production Procedure and Detailed Manufacturing Process:	Pour mix and accurate concentrate amount (based on testing) in saute pan, whisk in fruit juice vigorously, heat until in rolling boil, pour in dispenser, cool slightly, pour into molds and let cool on sheet tray, pull candy from molds, set, coat in sugar mix, set, separate candy by weight, test, package, seal.

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

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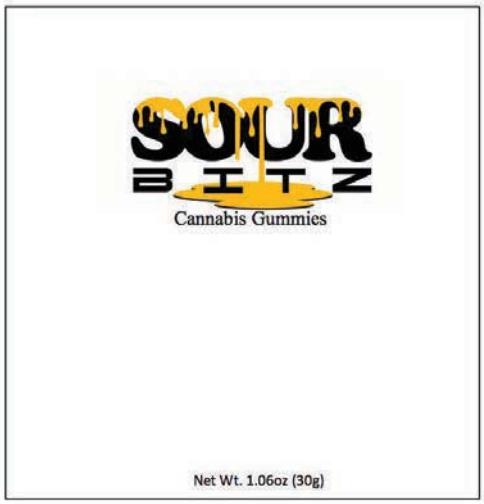
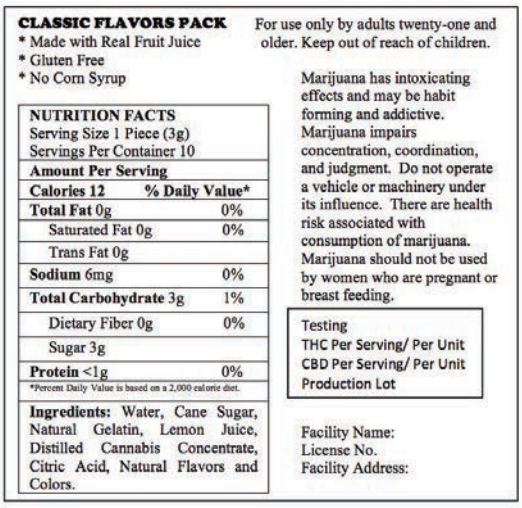
Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for <u>each</u> proposed marijuana concentrate or marijuana product.**

Product Name:	Sour Bitz
Type:	Edible

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. Attached photos, drawings, or graphic representations are preferred.	Packaging is 3 x 5 inch resealable opaque white mylar bag. Total THC per candy is 5mg, with ten pieces per bag; 50mg per bag total. Serving size is one candy. Servings per container is 10.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	 

CLASSIC FLAVORS PACK
* Made with Real Fruit Juice
* Gluten Free
* No Corn Syrup

For use only by adults twenty-one and older. Keep out of reach of children.

NUTRITION FACTS	
Serving Size 1 Piece (3g)	
Servings Per Container 10	
Amount Per Serving	
Calories 12	**% Daily Value***
Total Fat 0g	0%
Saturated Fat 0g	0%
Trans Fat 0g	
Sodium 6mg	0%
Total Carbohydrate 3g	1%
Dietary Fiber 0g	0%
Sugar 3g	
Protein <1g	0%

*Percent Daily Value is based on a 2,000 calorie diet.

Ingredients: Water, Cane Sugar, Natural Gelatin, Lemon Juice, Distilled Cannabis Concentrate, Citric Acid, Natural Flavors and Colors.

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 risk associated with consumption of marijuana. Marijuana should not be used by women who are pregnant or breast feeding.

Testing
THC Per Serving/ Per Unit
CBD Per Serving/ Per Unit
Production Lot

Facility Name:
License No.
Facility Address:

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550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-05: Marijuana Product Manufacturing Facility

Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Sucka Bitz
Type:	Edible

Product Description: Details must include the color, shape, and texture.	Candies are small trapezoids; hard sugar in texture. Color present in the candy is naturally occurring in the all natural flavoring, candies are a deep purple, pink, coral and yellow. Each piece is 5mg, ten pieces in a bag for 50mg total per bag.

Ingredients: This box is not applicable to marijuana concentrates	Cane Sugar, Water, Light Corn Syrup, Distilled Cannabis Concentrate, Citric Acid, Natural Flavors and Colors, Carnauba Wax.

Standard Production Procedure and Detailed Manufacturing Process:	Pour mix and accurate concentrate amount (based on testing) in saute pan, heat until in rolling boil reaches hard crack temp (280), let cool, mix in flavor, pour in dispenser,pour into molds and let cool on sheet tray, pull candy from molds, separate candy by weight, test, package, seal.

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

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Operating Plan Supplemental

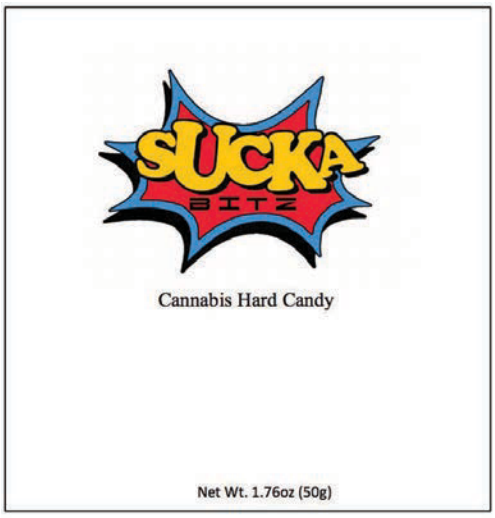
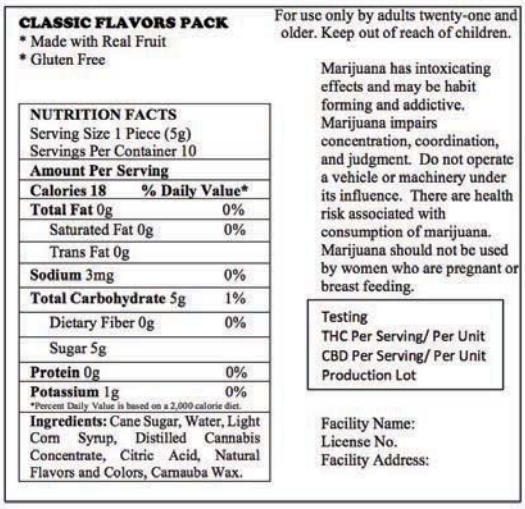
Form MJ-05: Marijuana Product Manufacturing Facility

Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Sucka Bitz
Type:	Edible

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. Attached photos, drawings, or graphic representations are preferred.	Packaging is 3 x 5 inch resealable opaque white mylar bag. Total THC per candy is 5mg, with ten pieces per bag; 50mg per bag total. Serving size is one candy. Servings per container is 10.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	 

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Form MJ-05: Marijuana Product Manufacturing Facility

Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Sugga Bitz
Type:	Edible

Product Description: Details must include the color, shape, and texture.	Candies are small trapezoids; chewy and gelatinous in texture. Color present in the candy is naturally occurring in the all natural flavoring, candies are a deep purple, pink, coral and yellow. Each piece is 5mg, ten pieces in a bag for 50mg total per bag.

Ingredients: This box is not applicable to marijuana concentrates	Water, Cane Sugar, Natural Gelatin, Lemon Juice, Distilled Cannabis Concentrate, Citric Acid, Natural Flavors and Colors.

Standard Production Procedure and Detailed Manufacturing Process:	Pour mix and accurate concentrate amount (based on testing) in saute pan, whisk in fruit juice vigorously, heat until in rolling boil, pour in dispenser, cool slightly, pour into molds and let cool on sheet tray, pull candy from molds, set, coat in sugar mix, set, separate candy by weight, test, package, seal.

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

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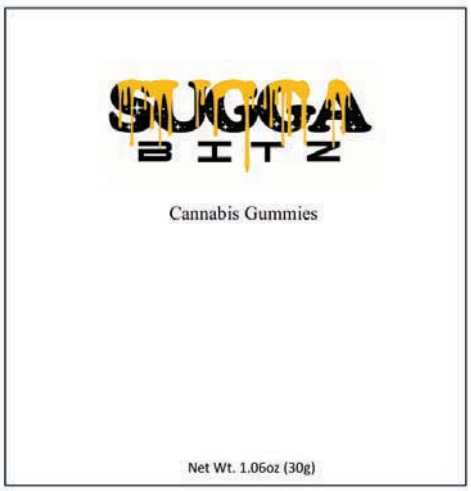
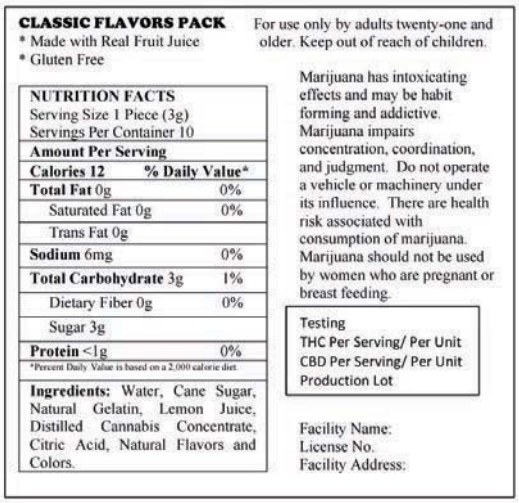
Form MJ-05: Marijuana Product Manufacturing Facility

Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for <u>each</u> proposed marijuana concentrate or marijuana product.**

Product Name:	Sugga Bitz
Type:	Edible

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. Attached photos, drawings, or graphic representations are preferred.	Packaging is 3 x 5 inch resealable opaque white mylar bag. Total THC per candy is 5mg, with ten pieces per bag; 50mg per bag total. Serving size is one candy. Servings per container is 10.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	  CLASSIC FLAVORS PACK * Made with Real Fruit Juice * Gluten Free For use only by adults twenty-one and older. Keep out of reach of children. NUTRITION FACTS Serving Size 1 Piece (3g) Servings Per Container 10 Amount Per Serving Calories 12 — % Daily Value* Total Fat 0g — 0% Saturated Fat 0g — 0% Trans Fat 0g Sodium 6mg — 0% Total Carbohydrate 3g — 1% Dietary Fiber 0g — 0% Sugar 3g Protein <1g — 0% *Percent Daily Value is based on a 2,000 calorie diet. Ingredients: Water, Cane Sugar, Natural Gelatin, Lemon Juice, Distilled Cannabis Concentrate, Citric Acid, Natural Flavors and Colors. 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 risk associated with consumption of marijuana. Marijuana should not be used by women who are pregnant or breast feeding. Testing THC Per Serving/ Per Unit CBD Per Serving/ Per Unit Production Lot Facility Name: License No. Facility Address:

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Operating Plan Supplemental

Form MJ-05: Marijuana Product Manufacturing Facility

Section 6 – Waste Disposal Plan

Review the requirements under 3 AAC 306.520, and identify how the proposed premises will meet the listed requirements.

Describe the marijuana product manufacturing facility's plan for disposal of any expired or outdated marijuana or marijuana product that is not sold or transferred to another licensed marijuana establishment:

Marijuana and marijuana products will be checked weekly (visually inspected as well as checking the dates in the inventory tracking system) by an authorized employee to assess for expired or outdated products. If outdated or expire products are found they will be separated from unexpired/outdated product, weighed, and updated in the inventory tracking system.

X-tracted Laboratories does not plan to have expired or outdated marijuana concentrates or marijuana products, but due to the varying shelf-life of our assorted products, someone of them may not be sold or transferred to another licensed facility before they reach expiration. In this case, marijuana concentrates that are found to be expired or outdated will be disposed of as outlined in the waste disposal plan found in MJ-01 or they will be re-processed using a distillation method. If the expired or outdated product is being processed through distillation, it will be logged into the inventory tracking system and then processed through a distillation process that will remove any contaminants and bring the concentrate back to a pure and clean product. The oil will then be used to create new products that will be tested and repackaged. After the distillation process the product is as pure as the originally processed concentrate before becoming expired or outdated and will pass all testing requirements as outlined in 3 AAC 306.550. Any other marijuana products that cannot be re-processed using distillation (edibles) will be disposed of as outlined in the waste disposal plan in MJ-01.

Overall waste disposal system management is the responsibility of the management and any faulty materials or breakdowns will be promptly attended too. Authorized employees participating in the operation and procedure of waste disposal will be trained on all procedures, understand state, federal, and local laws and regulations pertaining to waste disposal and report any discrepancies to the licensee to ensure proper steps are taken including; through an investigation, clean-up efforts, re-training, or other steps as required. Ownership and management will give at least three (3) days written notice by email to the Marijuana Control Board before rendering any marijuana or marijuana product unusable and disposing of any marijuana or marijuana product waste by logging the affected products into the marijuana inventory tracking system, Metrc, and a complimentary tracking system as applicable. Records of all disposal information and waste collection will be maintained by the licensee and management, securely stored at the licensed facility and made available to the Board upon request.

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Operating Plan Supplemental

Form MJ-05: Marijuana Product Manufacturing Facility

Section 7 – Testing

The area where in-house testing will occur must be identified on the premises diagram, per 3 AAC 306.520(2).	Yes	No
Will the marijuana product manufacturing facility perform in-house testing (as defined in 3 AAC 306.990(b)(20))?	☑	☐

Applicants should review 3 AAC 306.550 and be able to answer "Agree" to the item below.

The marijuana cultivation facility applicant has:	Agree	Disagree
Read and understands and agrees to the required laboratory testing set forth in 3 AAC 306.550	☑	☐

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

Joe McAneney

Printed name

Subscribed and sworn to before me this 20th day of June, 2017.

Cynthia K. Giddens

Notary Public in and for the State of Alaska.

My commission expires: 1-1-2019

OFFICIAL SEAL
Cynthia K. Giddens
Notary Public-State of Alaska
My Comm. Expires 01/01/2019