Current page(s) of operating plan or supplemental operating plan being amended.

Approved at April 2018 meeting

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 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:	High Tide Farms, LLC	**License Number:**	12482		
License Type:	Marijuana Concentrate Manufacturing Facility				
Doing Business As:	High Tide Farms, LLC.				
Premises Address:	6875 West Snuffy's Rd				
City:	Wasilla	**State:**	ALASKA	**ZIP:**	99654

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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:

High Tide Farms will use a hydraulic press to produce a live rosin/rosin concentrate that won't require use of chemicals to extract the THC/CBD. We will use a EZ Trim machine that is capable of catching kief from flower. The kief will then be used to make Rosin, Rosin Crumble, Rosin Vaporizing Juice,and bubble hash.

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Describe the processes to be used to create marijuana concentrates:

Rosin press will require the use a hydraulic press. The hydraulic press will press the trim/flower and kief collected from the trimming process to make a Rosin extract.
During the trimming phase flower/sugar leaf will be separated from the wholesale flower. The remaining flower and trim will be used for concentrate. It will then be ground up and tumbled in a pollen collector to collect the kief. Kief will then be batched and separated into rosin press bags with up to 2 oz of product. The rosin bags will then be pressed with the rosin press between parchment paper. The product will then be placed into the freezer to harden, this process makes the rosin easier to handle.

We also use a bubble hash machine to machine wash flower/trim this ables us to collect the bubble hash which will then be used to press into rosin with the rosin press. Flower and trim will be put into the bubble hash machine with ice water to extract the hash. All unused material will be mixed with common house hold trash mix at a minimum of 50/50. Any material that could be possibly still have some THC/CBD will be sold to a licensed manufacturing company that utilizes chemical extraction process.

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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:

High Tide Farms will segregate all waste, expired, and outdated marijuana or marijuana products. Waste will be identified in the marijuana inventory tracking system as required in 3 AAC 306.730 and the board given 3 days' notice before making the waste unusable and disposed of. Faulty or unusable vape cartridges the product will be removed and cartridge will be disposed of properly with no product remaining in the cartridge. We will keep a record in our business files of the final destination of marijuana waste made unusable.

Waste must be made unusable by grinding the marijuana waste and mixing it with at least an equal amount of other compostable or non-compostable materials. The marijuana waste will be mixed with compostable and non-compostable materials including food waste, yard waste, paper waste, cardboard waste, plastic waste, vegetable based grease or oils. The waste will then be taken to the local permitted solid waste facility for final disposal.

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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.

Kyle Lutz
Signature of licensee

Kyle Lutz
Printed name

Subscribed and sworn to before me this 27 day of September, 2017.

Karen L. Cassel
Notary Public in and for the State of Alaska.

My commission expires: 12/15/2018

STATE OF ALASKA
NOTARY PUBLIC
Karen L. Cassel
My Commission Expires: December 15, 2018

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(Additional Space as Needed):

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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:	Bubble Hash
Type:	Hash

Product Description: Details must include the color, shape, and texture.	Extract will be a dark brown, with no apparent shape with a sticky texture.

Ingredients: This box is not applicable to marijuana concentrates	

Standard Production Procedure and Detailed Manufacturing Process:	Flower Kief to be extracted will be put into a bubble hash machine with ice water. Multiple bags will be used to separate the kief/hash from the flower. Once all the hash has been extracted it will then be batched for sale or used to press into rosin. The product will be kept in a fridge/freezer for storage. Product batches will then be weighed and packaged for shipment to a licensed testing facility.

Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	Extract will be a tan or dark brown, with no apparent shape with a sticky texture.

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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:	Bubble Hash
Type:	Hash

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.	Package container will be in a variety of colors using a non stick silicone container. The container will be labeled by High Tide Farms with the testing results and warnings that are required in 3 AAC 306.565. The product will be package to individual sizes from 0.5 to 1 grams or to what the licensed retail store requests for. Cannabis

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	Serving size amount Total THC and CBD from testing results Warning:(A) "Marijuana has intoxicating effects and may be habit forming and addictive"; (B) "Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence"; (C) "There are health risks associated with consumption of marijuana"; (D) "For use only by adults twenty-one and older. Keep out of the reach of children."; (E) "Marijuana should not be used by women who are pregnant or breast feeding.". High Tide Farms 12482

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Section 4 – Proposed Marijuana Concentrates and Marijuana Products

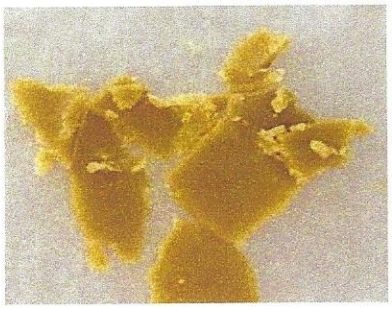
Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

Product Name:	Rosin Crumble
Type:	Rosin

Product Description: Details must include the color, shape, and texture.	Extract will be Brown/Green with no apparent shape and a Glass/shatter consistency.

Ingredients: This box is not applicable to marijuana concentrates	

Standard Production Procedure and Detailed Manufacturing Process:	Rosin crumble is the finished rosin (from the press) that gets whipped/stirred for 10-15 minutes. The product then gets a light press between parchment paper with light heat. The end product from this procedure will form it into the glass/shatter like consistency. The product will be kept in a fridge/freezer for storage. Product batches will then be weighed and packaged for shipment to a licensed testing facility.

Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	Extract be Brown/Green with no apparent shape and a Glass/shatter consistency. 

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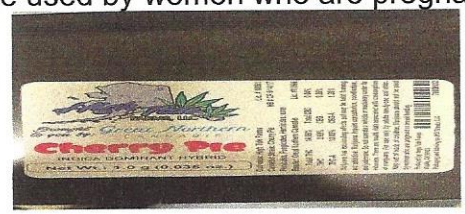
Section 5 – Proposed Product Packaging and Sample Labels

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:	Rosin Crumble
Type:	Rosin

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.	Package container will be in a variety of colors using a non stick silicone container. The container will be labeled by High Tide Farms with the testing results and warnings that are required in 3 AAC 306.565. The product will be package to individual sizes from 0.5 to 1 grams or to what the licensed retail store requests for.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	Serving size amount Total THC and CBD from testing results Warning:(A) "Marijuana has intoxicating effects and may be habit forming and addictive"; (B) "Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence"; (C) "There are health risks associated with consumption of marijuana"; (D) "For use only by adults twenty-one and older. Keep out of the reach of children."; (E) "Marijuana should not be used by women who are pregnant or breast feeding.". High Tide Farms 12482 

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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:	Rosin Extract
Type:	Rosin Press

Product Description: Details must include the color, shape, and texture.	Extract will be golden color with a smooth/sticky texture.

Ingredients: This box is not applicable to marijuana concentrates	

Standard Production Procedure and Detailed Manufacturing Process:	Product to be extracted will be placed between parchment paper and installed into the rosin press. It will then be heated to 220 degrees and pressed with 15,000- 20,000 psi to extract the rosin. Once all the rosin has been extracted the pressure will be released and the parchment paper will be put into a fridge/freezer to cool. Once extract is cold, it will be weighed and packaged for shipment to a licensed testing facility.

Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	Extract will be golden color with a smooth/sticky texture.

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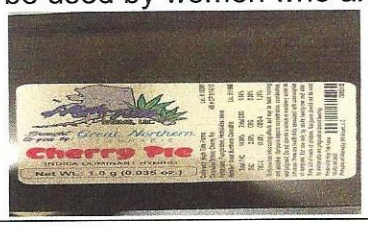
Section 5 – Proposed Product Packaging and Sample Labels

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:	Rosin Extract
Type:	Rosin Press

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 package container will be in a variety of colors using a non stick silicone,plastic or glass container. The container will be labeled by High Tide Farms with the testing results and warnings that are required in 3 AAC 306.565. The product will be package to individual sizes from 0.5 to 1 grams or to what the licensed retail store requests for.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	Serving size amount Total THC and CBD from testing results Warning:(A) "Marijuana has intoxicating effects and may be habit forming and addictive"; (B) "Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence"; (C) "There are health risks associated with consumption of marijuana"; (D) "For use only by adults twenty-one and older. Keep out of the reach of children."; (E) "Marijuana should not be used by women who are pregnant or breast feeding.". High Tide Farms 12482 

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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:	Rosin Juice
Type:	Rosin Vaporizing Juice

Product Description: Details must include the color, shape, and texture.	Extract will be a golden color in a liquid form.

Ingredients: This box is not applicable to marijuana concentrates	Wax Liquidizer and its contents are FDA approved products which contains lab medical grade propylene glycol or "PG". This will be the thinner used in the rosin to make the vape juice.

Standard Production Procedure and Detailed Manufacturing Process:	Product to be extracted will be put in between parchment paper and installed into the rosin press. It will then be heated to 220 degrees and pressed with 15,000- 20,000 psi to extract the rosin. Once all the rosin has been extracted the pressure will be released and the parchment paper will be put into a fridge/freezer to cool. Once extract is cold, it will be weighed. The formulation will be ~ 1to1 mixture with the wax liquidizer to make the correct consistency for vaporizing pens. Once the correct consistency has been made in a bulk batch the product will be manifested and shipped to a licensed testing facility.

Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	Extract will be a golden color in a liquid form.

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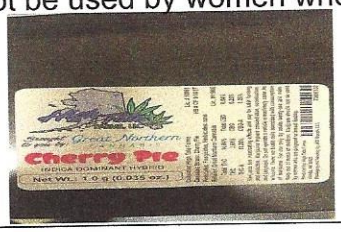
Section 5 – Proposed Product Packaging and Sample Labels

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:	Rosin Vape Juice
Type:	Rosin Vaporizing Juice

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.	Package container will be in a variety of colors using pre-loaded vaporizing cartridges. The cartridges will be packaged into mylar bags and or customized packages from the cartridge supplier. The package will be labeled by High Tide Farms with the testing results and warnings that are required in 3 AAC 306.565. The product will be package to individual sizes from 0.5 to 1 grams or to what the licensed retail store requests for.

Sample Labels: Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	Serving size amount Total THC and CBD from testing results Warning:(A) "Marijuana has intoxicating effects and may be habit forming and addictive"; (B) "Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence"; (C) "There are health risks associated with consumption of marijuana"; (D) "For use only by adults twenty-one and older. Keep out of the reach of children."; (E) "Marijuana should not be used by women who are pregnant or breast feeding.". High Tide Farms 12482 

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