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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:	Happy Valley, LLC	**MJ License #:**	20438		
License Type:	Marijuana Product Manufacturing Facility				
Doing Business As:	Happy Valley				
Premises Address:	Lot 12 Big Boulder Creek Sub				
City:	Haines	**State:**	Alaska	**ZIP:**	99827

AMCO Received 6/18/2019

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:

All Shipments of marijuana and marijuana product that arrives at the facility will be first inspected by a member of the Happy Valley management team or by Timothy before being accepted and entered as inventory. The shipment contents will be reconciled with the transport manifest, shipment labels and packaging labels to ensure consistency. All product will be weighed by Happy Valley and reconciled with the weight listed on the manifest and labels. Any shipments with discrepancies will be rejected. Shipments that pass initial inspection will be accepted into the facility, immediately entered into METRC and added to the inventory log. All marijuana and marijuana products will be tracked in METRC from intake into the facility, to it's use in a manufactured product or disposal to it's transfer to another licensed facility. At the end of each business day, Happy Valley's management team will reconcile each transfer to or from another licensed facility with METRC and the inventory on hand to ensure consistency and to resolve discrepancies immediately. A random sample of each product manufactured at the facility will be sent to a licensed testing lab before being transferred to another licensed facility and the remainder of the production lot will be segregated from all other product until the testing results are received. Once passing testing results are received from the testing lab, marijuana products will be packaged and labeled in compliance with 3 AAC 306.565 and 306.570. The packaged products will then be transported by an agent of Happy Valley who holds a valid marijuana handler permit or by a third party transport company with valid marijuana handler permits. All transfers will be entered into METRC and a trip manifest will be set with each shipment as well as stored on site as a business record.

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:

Ethanol will be used to create concentrates
Happy Valley does not intend to use chemicals or gases.

Equipment to be used:
4 Ball Wide Mouth Half Gallon 64 Oz Jars with Lids
EtOH PRO by ExtractCraft
5L Buchner funnel (200mm) and Flask
Spatula
Nut milk bags
Magic Butter Machine
Nova Decarboxylate machine

AMCO Received 6/18/2019

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.

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:

Happy Valley anticipates the following marijuana plant and product waste at the manufacturing facility; (1) contaminated or infected marijuana or marijuana products (2) marijuana or marijuana products deemed by the licensee or a manager as unfit for sale or consumption for any reason (3) marijuana product that fails testing (4) marijuana plant waste created during the extraction process (5) marijuana or marijuana product that becomes expired (6) other marijuana or marijuana product waste as determined by the MCB or director. Once marijuana or marijuana product is deemed as waste, it will be separated from all other marijuana and marijuana products and securely stored in locked bins on the licensed premises and an email notification will be sent to AMCO Enforcement at least 3 days prior to rendering the waste unusable as well as recording the waste in METRC. All solid marijuana plant waste (plant matter waste from the extraction process such as plant matter that is pressed/squeezed to extract oil) and marijuana product waste will be ground in a grinder and then mixed with other solid compostable or non compostable waste such as, paper waste, plastic waste, cardboard waste, and soil until the mixture is no more than 50% marijuana waste. Liquid marijuana waste such as concentrates will be mixed with at least equal parts of non-marijuana waste and then stored away from all other marijuana and marijuana products in locked containers on the premises, inside the facility in the locked waste container then transfered to the outdoors locked container once rendered unusable. The waste will be collected and composted (if compostable) once a week or as needed and what cannot be composted will be taken to the waste station by Tim or a designated Employee. A log will be maintained recording the final destination of all marijuana and marijuana product waste. The logged information will be available to AMCO at any time upon request, and securely stored.

AMCO Received 6/18/2019

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.	TT

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:

A designated Happy Valley employee will be responsible for collecting a random sample from each production lot to be sent to a licensed testing facility. The designated employee will sign a statement certifying that the sample was randomly selected. A copy of the signed statement will accompany the sample to the testing facility and another copy will be filed on-site as a business record. The sample will be transported to the testing facility by a Happy Valley agent who holds a valid marijuana handler permit or by a third party transport company who has valid marijuana handler permits. The remainder of the production lot will be segregated from all other marijuana and marijuana products in secure containers until the testing results are received. During the quarantine period, all product will be securely stored on-site and then Tim will ensure the products are kept cool and dry to prevent contamination or loss of efficacy. A copy of the testing facility results will be stored in the office on-site as an official business record and will be made available to AMCO upon request.

AMCO Received 6/18/2019

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:	Happy Valley Gummies		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	1 Year
Intended Use: Smokable/ edible/topical/wholesale/etc.	Edible		

Product Description: Details must include the color, shape, and texture.	Colors will be varying muted shades according to flavor such as muted yellow, red and purple covered in sugar. The shape will be molded in flat circles with care taken to not appeal to children and individually portioned for consistency. Texture will be soft and chewy. Flavors will be Lemon, Honey Dew, Alaska Blueberry, Cinnamon and, Alaska Cloudberry.
Ingredients:	Pectic, Water, Corn Syrup, Sugar, Natural coloring and flavor (all flavors are not to be combined at once and will be added per specific flavor), Citric Acid, Sodium Citrate, Happy Valley Tincture. Happy Valley may use tincture purchased from another licensed marijuana manufacturing facility in lieu of Happy Valley Tincture.
Standard Production Procedure and Detailed Manufacturing Process:	STEP ONE: Combine in a pot over medium-high heat: Pectin, Citric Acid, Sodium Citrate, Water. STEP TWO: Bring to a boil. STEP THREE: In another pot over medium-high heat, Combine Corn Syrup, Sugar. STEP FOUR: Boil until temperature reaches 260 degrees. STEP FIVE: Add Pectin mixture immediately and cook 1 minute then, remove from heat. STEP SIX: When the temperature drops to 250 degrees Fahrenheit, stir in Natural Flavor, Natural Color and Happy Valley Tincture. STEP SEVEN: Pour into candy molds. STEP EIGHT: Cover gummies in sugar.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

AMCO Received 6/18/2019

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:	Happy Valley Gummies
Product 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. Please include photos, drawings, or graphic representations.	Happy Valley will be using an Opaque black, child resistant pop top container. Each container will be a 30-dram size. Each gummy is a single serving of 5mgTHC, each container will contain 10 individual servings of 5 mg THC totaling 50 mg of THC per container. Each gummy is 0.6 x 0.6 x 0.4 inches 1 serving = 1 gummy (5mg THC) 10 servings per package = 50 mg THC total per package

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

Produced By: Happy Valley, LLC
License Number: 20438
Product Name: Happy Valley Gummies **Strain:**
Batch/Lot Number: **Gross Weight:** **Net MJ Weight:** **OZ(g)**
Best By Date: **Packaging Date:**
Tested By: **License Number:**
Total THC: **THCA:** **CBD:** **CBDA:** **CBN:**
Microbial Test: **Pesticides:** **Herbicides:**
Fungicides:
Residual Solvent Test: **Contaminants Test Result:**
Retailer: License Number:

Alaska Safety Warning: Marijuana has intoxicating effects and may be habitforming 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.

Keep Refrigerated Label will include nutritional information & full list of ingredients.

License # 20438

AMCO Received 6/18/2019

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:	Happy Valley Cannabis Coconut Oil		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	1 Year
Intended Use: Smokable/ edible/topical/wholesale/etc.	edible - used only in-house as base ingredient		

Product Description: Details must include the color, shape, and texture.	Infused coconut oil with a green color (green color varies on strain of marijuana used) Texture can be liquid with warm temperatures, solid creamy texture at cooler temperatures.
Ingredients:	Coconut oil, Marijuana trim/bud/or keif (possibly all three), sunflower lecithin
Standard Production Procedure and Detailed Manufacturing Process:	Step 1: Decarboxylate cannabis flower using the Nova decarboxylator machine, Step 2: Melt coconut oil, Step 3: Place coconut oil, decarboxylated cannabis and lecithin into the Magical Butter Machine, Step 4: Instruct the Magical Butter machine to infuse the coconut oil and cannabis for 2 hours at 160 degrees Fahrenheit, Step 5: Pour the mixture of coconut oil, cannabis and lecithin through a filtration system to remove plant matter, Step 6: Pour filtered infused THC coconut oil into mason jars for storage
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

AMCO Received 6/18/2019

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:	Happy Valley Cannabis Coconut oil
Product Type:	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.	Infused Cannabis Coconut Oil will not be sold by Happy Valley and will be used solely in house. The oil will be stored in glass, resealable jars of various sizes. The Infused Cannabis Coconut Oil will be used by the manufacturing license to produce other edibles for the sale to other marijuana retail facilities. Infused Cannabis Coconut oil will be batch tested to determine THC levels.

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

Produced By: Happy Valley, LLC
License Number: 20438
Product Name: Happy Valley Cannabis Coconut Oil **Strain:**
Batch/Lot Number: **Gross Weight:** **Net MJ Weight:** **OZ(g)**
Best By Date: **Packaging Date:**
Tested By: **License Number:**
Total THC: **THCA:** **CBD:** **CBDA:** **CBN:**
Microbial Test: **Pesticides:** **Herbicides:**
Fungicides:
Residual Solvent Test: **Contaminants Test Result:**
Retailer: License Number:

HAPPY VALLEY

Alaska Safety Warning: 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.

Keep Refrigerated

AMCO Received 6/18/2019

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:	Happy Valley Hard Candies		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	1 Year
Intended Use: Smokable/ edible/topical/wholesale/etc.	Edible		

Product Description: Details must include the color, shape, and texture.	Colors will be varying muted shades according to flavor such as muted yellow, red and purple. The shape will square with care taken to not appeal to children and individually portioned for consistency. Texture will be hard. Flavors will be Lemon, Honey Dew, Alaska Blueberry, Cinnamon and, Alaska Cloudberry.
Ingredients:	Sugar, Corn Syrup, Water, Isomalt, Citric Acid, Natural Flavor (all flavors are not to be combined at once and will be added per specific flavor) and Color, Happy Valley Tincture. Happy Valley may use tincture purchased from another licensed marijuana manufacturing facility in lieu of Happy Valley Tincture.
Standard Production Procedure and Detailed Manufacturing Process:	STEP ONE: Combine in a pot over medium-high heat; Sugar, Corn Syrup, Water, Isomalt, Citric Acid. STEP TWO: Boil until thermometer reads 300 Degrees Fahrenheit then remove from heat. STEP THREE: When the temperature drops to 250 Degrees Fahrenheit stir in ; Natural Flavor, Natural Color, Happy Valley Tincture. STEP FOUR: Pour into candy molds.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

AMCO Received 6/18/2019

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:	Happy Valley Hard Candies
Product 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. Please include photos, drawings, or graphic representations.	Happy Valley will be using an Opaque black, child resistant pop top container. Each container will be a 19- dram size. Each hard candy is a single serving of 5mgTHC, each container will contain 10 individual servings of 5 mg THC totaling 50 mg of THC per container. Each hard candy is 0.6 x 0.6 x 0.4 inches 1 serving = 1 candy (5mg THC) 10 servings per package = 50 mg THC total per package
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By:** Happy Valley, LLC **License Number:** 20438 **Product Name:** Happy Valley Hard Candies **Strain:** **Batch/Lot Number:** **Gross Weight:** **Net MJ Weight:** **OZ(g)** **Best By Date:** **Packaging Date:** **Tested By:** **License Number:** **Total THC:** **THCA:** **CBD:** **CBDA:** **CBN:** **Microbial Test:** **Pesticides:** **Herbicides:** **Fungicides:** **Residual Solvent Test:** **Contaminants Test Result:** Retailer: License Number: **Alaska Safety Warning: 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.** ***Keep Refrigerated*** Label will include nutritional information & full list of ingredients.

HAPPY VALLEY

AMCO Received 6/18/2019

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:	Happy Valley Salted Coconut Caramels		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	6 Months
Intended Use: Smokable/ edible/topical/wholesale/etc.	Edible		

Product Description: Details must include the color, shape, and texture.	Color will be muted tones of browns. Shape will be molded in geographic shapes. Texture will be firm but chewy.
Ingredients:	Coconut Sugar, Happy Valley Cannabis Coconut Oil/or Happy Valley Tincture, Coconut Oil, Sunflower Lectin, Isomalt, Water, Salt and Vanilla Extract Happy Valley may use tincture purchased from another licensed marijuana manufacturing facility in lieu of Happy Valley Tincture.
Standard Production Procedure and Detailed Manufacturing Process:	STEP ONE: In a pot over medium heat; combine: Coconut Sugar, Cannabis Coconut Oil or Tincture (or Tincture Purchased from another licensed marijuana manufacturing facility), Coconut Oil, Water, Salt, Sunflower Lectin, Isomalt. STEP TWO: Once combined, increase heat thermometer until it reads 240 Degrees Fahrenheit. STEP THREE: Remove pot from heat and stir in; Vanilla Extract. STEP FOUR: Pour into molds. Refrigerate until hardened. Each Carmel will be 0.6 x 0.6 x 0.4 inches .
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

AMCO Received 6/18/2019

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:	Happy Valley Salted Coconut Caramels
Product 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. Please include photos, drawings, or graphic representations.	Happy Valley Salted Coconut Caramels will come in a package of 10 - 5 mg THC individual servings for a total of 50 mg of THC per package, each caramel will be individually wrapped either parchment paper or a caramel wrapper and will then be placed inside a child resistant mylar bag. Each Caramel size will be 0.6 x 0.6 x 0.4 inches 1 Serving = 1 caramel (5mg of THC)

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

Produced By: Happy Valley, LLC
License Number: 20438
Product Name: Happy Valley Salted Coconut Caramels **Strain:**
Batch/Lot Number: **Gross Weight:** **Net MJ Weight:** **OZ(g)**
Best By Date: **Packaging Date:**
Tested By: **License Number:**
Total THC: **THCA:** **CBD:** **CBDA:** **CBN:**
Microbial Test: **Pesticides:** **Herbicides:**
Fungicides:
Residual Solvent Test: **Contaminants Test Result:**
Retailer: License Number:

HAPPY VALLEY

Alaska Safety Warning: 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.

Keep Refrigerated Label will include nutritional information & full list of ingredients.

AMCO Received 6/18/2019

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:	Happy Valley Sour Candies		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	1 Year
Intended Use: Smokable/ edible/topical/wholesale/etc.	Edible		

Product Description: Details must include the color, shape, and texture.	Happy Valley Sour Candies will be hard, smooth squares, transparent with a shade of color depending on the flavor. Shades of color will be: muted orange, muted red and muted purple. Flavors will be Lemon, Honey Dew, Alaska Blueberry and, Alaska Cloudberry.
Ingredients:	Sugar, Corn Syrup, Water, Isomalt, Citric Acid, Natural Flavor (all flavors are not to be combined at once and will be added per specific flavor) and Color, Happy Valley Tincture Happy Valley may use tincture purchased from another licensed marijuana manufacturing facility in lieu of Happy Valley Tincture.
Standard Production Procedure and Detailed Manufacturing Process:	STEP ONE: Combine in a pot over medium-high heat; Sugar, Corn Syrup, Water, Isomalt, Citric Acid. STEP TWO: Boil until thermometer reads 300 Degrees Fahrenheit then remove from heat. STEP THREE: When the temperature drops to 250 Degrees Fahrenheit stir in ; Natural Flavor, Natural Color, Happy Valley Tincture. STEP FOUR: Pour into candy molds and let harden.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

AMCO Received 6/18/2019

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:	Happy Valley Sour Candies
Product 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. Please include photos, drawings, or graphic representations.	Happy Valley will be using an Opaque black, child resistant pop top container. Each container will be a 19-dram size. Each hard candy is a single serving of 5mgTHC, each container will contain 10 individual servings of 5 mg THC totaling 50 mg of THC per container. Each hard candy is 0.6 x 0.6 x 0.4 inches 1 serving = 1 candy (5mg THC) 10 servings per package = 50 mg THC total per package

Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By:** Happy Valley, LLC **License Number:** 20438 **Product Name:** Happy Valley Sour Candies **Strain:** **Batch/Lot Number:** **Gross Weight:** **Net MJ Weight:** **OZ(g)** **Best By Date:** **Packaging Date:** **Tested By:** **License Number:** **Total THC:** **THCA:** **CBD:** **CBDA:** **CBN:** **Microbial Test:** **Pesticides:** **Herbicides:** **Fungicides:** **Residual Solvent Test:** **Contaminants Test Result:** Retailer: License Number: **Alaska Safety Warning: 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.** ***Keep Refrigerated** Label will include nutritional information & full list of ingredients.

HAPPY VALLEY

AMCO Received 6/18/2019

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:	Happy Valley Sour Gummies		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	1 year
Intended Use: Smokable/ edible/topical/wholesale/etc.	Edible		

Product Description: Details must include the color, shape, and texture.	Colors will be varying muted shades according to flavor such as muted yellow, red and purple covered in sugar. The shape will be molded in flat circles with care taken to not appeal to children and individually portioned for consistency. Texture will be soft and chewy. Flavors will be Lemon, Honey Dew, Alaska Blueberry and, Alaska Cloudberry.
Ingredients:	Pectic, Water, Corn Syrup, Sugar, Natural coloring and flavor, Citric Acid, Sodium Citrate, Happy Valley Tincture Happy Valley may use tincture purchased from another licensed marijuana manufacturing facility in lieu of Happy Valley Tincture.
Standard Production Procedure and Detailed Manufacturing Process:	Step 1: combine in a pot over medium-high heat; Pectin, Citric Acid, Sodium Citrate, Water. Step 2: Bring to a boil. Step 3: In another pot over medium-high heat, Combine; Corn syrup and Sugar. Step 4: Boil until temperature reaches 260 degrees Fahrenheit. Step 5: Add pectin mixture immediately and cook 1 minute then remove from heat. Step 6: When the temperature drops to 250 degrees Fahrenheit stir in: Natural Flavor, Natural Color, Tincture. Step 7: Pour into candy molds. Step 8: Cover Gummies in sugar and citric acid.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

AMCO Received 6/18/2019

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:	Happy Valley Sour Gummies
Product 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. Please include photos, drawings, or graphic representations.	Happy Valley will be using an Opaque black, child resistant pop top container. Each container will be a 30-dram size. Each hard candy is a single serving of 5mgTHC, each container will contain 10 individual servings of 5 mg THC totaling 50 mg of THC per container. Each hard candy is 0.6 x 0.6 x 0.4 inches 1 serving = 1 candy (5mg THC) 10 servings per package = 50 mg THC total per package

Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By:** Happy Valley, LLC **License Number:** 20438 **Product Name:** Happy Valley Sour Gummies **Strain:** **Batch/Lot Number:** **Gross Weight:** **Net MJ Weight:** **OZ(g)** **Best By Date:** **Packaging Date:** **Tested By:** **License Number:** **Total THC:** **THCA:** **CBD:** **CBDA:** **CBN:** **Microbial Test:** **Pesticides:** **Herbicides:** **Fungicides:** **Residual Solvent Test:** **Contaminants Test Result:** Retailer: License Number: **Alaska Safety Warning: 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.** ***Keep Refrigerated*** Label will include nutritional information & full list of ingredients.

AMCO Received 6/18/2019

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:	Happy Valley Tincture		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Edible		

Product Description: Details must include the color, shape, and texture.	Happy Valley Tincture is a golden amber to clear color with an oil like consistency.
Ingredients:	Food-grade ethanol, marijuana plant matter (cannabis leaf and flower)
Standard Production Procedure and Detailed Manufacturing Process:	Mix Cannabis and ethanol all together, Strain Cannabis Plant Matter from the Ethanol, Discard the Cannabis Plant Matter per the waste plan described in MJ01. Put the Ethanol in the EtOH PRO by ExtractCraft and allow the EtOH PRO to run for about 4 hours. Remaining cannabis extract/particlars will then be strained from the ethanol, yielding infused ethanol, or tincture.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

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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:	Happy Valley Tincture
Product 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. Please include photos, drawings, or graphic representations.	Happy Valley Tincture will not be sold by Happy Valley and will be used solely in-house. The tincture will be stored in glass, resealable jars of various sizes. The tincture will be used by the manufacturing license to produce other edibles/products for the sale to other marijuana retail facilities Tincture will be batch tested to determine THC levels.

Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By:** Happy Valley, LLC **License Number:** 20438 **Product Name:** Happy Valley Tincture **Strain:** **Batch/Lot Number:** **Gross Weight:** **Net MJ Weight:** **OZ(g)** **Best By Date:** **Packaging Date:** **Tested By:** **License Number:** **Total THC:** **THCA:** **CBD:** **CBDA:** **CBN:** **Microbial Test:** **Pesticides:** **Herbicides:** **Fungicides:** **Residual Solvent Test:** **Contaminants Test Result:** Retailer: License Number: **Alaska Safety Warning: 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.** ***Keep Refrigerated***

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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;** TT

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

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.** TT

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

Signature of licensee

Timothy Thomas

Printed name of licensee

INEZ GROSS
My Commission Expires
NOTARY PUBLIC
27, 2020
STATE OF ALASKA

Notary Public in and for the State of Alaska

My commission expires: 8-27-2020

Subscribed and sworn to before me this 11 day of April, 2019.

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(Additional Space as Needed):

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