Alcohol and 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

Operating Plan Supplemental
Form MJ-04: Marijuana Cultivation Facility

What is this form?

This operating plan supplemental form is required for all applicants seeking a marijuana cultivation facility license and must accompany the **Marijuana Establishment Operating Plan (Form MJ-01)**, per 3 AAC 306.020(b)(11). Applicants should review **Chapter 306: Article 4** of the **Alaska Administrative Code.** This form will be used to document how an applicant intends to meet the requirements of 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 306.420(2).

What additional information is required for cultivation facilities?

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

- Prohibitions
- Cultivation plan
- Odor control
- Testing procedure and protocols
- Security

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This form must be submitted to AMCO's main office before any marijuana cultivation 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:	Great Northern Cannabis, Inc.	**License Number:**	10747		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Great Northern Cannabis, Inc.				
Premises Address:	2341 Cinnabar Loop				
City:	Anchorage	**State:**	ALASKA	**ZIP:**	99507

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Section 2 – Prohibitions

Applicants should review 3 AAC 306.405 – 3 AAC 306.410 and be able to answer "Agree" to all items below.

The marijuana cultivation facility will not:	Agree	Disagree
Sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation	✓	
Allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on its licenses premises or within 20 feet of the exterior of any building or outdoor cultivation facility	✓	
Treat or otherwise adulterate marijuna with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana	✓	

Section 3 – Cultivation Plan

Review the requirements under 3 AAC 306.420, and identify how the proposed premises will meet the listed requirements.

Describe the size of the space(s) the marijuana cultivation facility intends to be under cultivation, including dimensions and overall square footage. Provide your calculations below:

Cultivation space within the facility will include a vegetation room devoted to germination and vegetative growth of marijuana plants, two (2) flowering rooms for late stage and flowering growth of the plants, and a room for mother plants and cloning. Marijuana will also be placed in the drying room, the trimming/packaging room, and the storage room where it will be stored until ready for transport to licensed marijuana establishments.

Cultivation and supplemental floor space includes the following:

Vegetation Room
589 square feet under cultivation
Room #1: 31' x 19'

See Attachment A for Additional Information.

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(Additional Space as Needed):

Attachment A - Describe the size of the space(s) the marijuana cultivation facility intends to be under cultivation, including dimensions and overall square footage. Provide your calculations below:

Flowering Rooms
2,500 square feet under cultivation
Room #1: 1,250 sq. ft., 50' x 25'
Room #2: 1,250 sq. ft., 50' x 25'

Mother/Clone Room
171 square feet under cultivation
Room #1: 19' x 9'

Trim/Dry Room
122 square feet total area, 13.7' x 8.9'

Storage Room
50 square feet total area, 9' x 5.5'

Trimming/Packaging Room
416 square feet total area, 26' x 16'

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

Great Northern Cannabis will utilize a combination of soil and hydroponic growing mediums to produce the best quality and yields based on the different strains being produced at the cultivation facility. Hydroponic systems include the placement of the plant's roots directly into a water-nutrient solution the composition of which can be tightly controlled. Soil systems include placement of the plant into a natural or artificial soil similarly to what is done in traditional gardening. It will be the responsibility of the cultivation manager to determine which medium to use based on each plant strain, and each cultivation room may include one or both.

See Attachment B for Additional Information.

Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used:

Fertilizers including nutrient solutions will be used throughout the cultivation process until the final weeks of plant growth after which time the plants will receive only water to flush fertilizers from the plants to ensure that no residual fertilizers are present at harvesting time. Fertilizers/nutrients will be mixed directly into hydroponic systems; however, they will be manually mixed and hand-fed to soil-based plants. Fertilizers/nutrients will be applied on a schedule that is deemed appropriate by the cultivation manager.

See Attachment C for Additional Information.

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

Great Northern Cannabis will utilize a variety of irrigation systems based on the strains being produced, best practices, and the desired method for producing the best yield and quality. Irrigation systems will be supplied with fertilizers/nutrients as appropriate for the strain and based on the stage of the plants' life cycle.

Under the supervision of the cultivation manager, employees will monitor the irrigation systems daily for any leaks, malfunctions, or requirements for adjustments.

See attachment D for Additional Information.

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(Additional Space as Needed):

Attachment B - Describe the marijuana cultivation facility's growing medium(s) to be used:

Under supervision of the cultivation manager, employees will monitor the facility's growing mediums on a daily basis to identify and isolate any plants contaminated with mold, insects, mildew, fungus, or other contaminants. To the extent possible, artificial soil mediums will be used, because they have a much lower risk of being contaminated with pests. If natural soil is used for a particular strain, the daily monitoring process will be undertaken with increased scrutiny. If a plant is found to be contaminated, it will promptly be removed and isolated for destruction in accordance to the regulations. Adjacent plants will be carefully inspected to ensure that the contamination has not spread.

When plants have completed a grow cycle in a soil medium, the used soil will be placed into a trash container or bag and disposed of at a solid waste facility or landfill. When plants have completed a grow cycle in a hydroponic system, the water will be filtered through a reverse osmosis system and reused or pretreated and disposed of per wastewater management best practices.

Seedlings will begin their life cycle in rockwool mineral cubes or peat moss cubes. During the vegetation and flowering stages, plants may be contained in the following mediums:

Hydroponic systems - water with natural clay, coconut husk natural fiber, vermiculite, perlite, pith, rockwool mineral cubes, and peat moss.

Soil systems - artificial soils, natural soils, potting mix, coconut husk natural fiber, vermiculite, perlite, peat moss, pumice, and others.

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(Additional Space as Needed):

Attachment C - Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used:

Fertilizers/nutrients will be added to plants in both hydroponic and soil-based systems. In hydroponic systems, the water system reservoir will either be completely changed out with the addition of new fertilizers/nutrients or they will be added directly to the existing water within the reservoir. Fertilizers and nutrients will be added to the hydroponic systems on a frequency and at a concentration that is safe and appropriate as determined by the cultivation manager. In soil-based systems, nutrients and fertilizers will be manually mixed and added to each plant as deemed appropriate by the cultivation manager.

Records will be maintained as part of the business record to describe the fertilizers, nutrients, and any other substance used in the cultivation of plants so that proper labels can be generated as required by 3 AAC 306.475. Employees will also receive training to use the proper Personal Protective Equipment (PPE) when working with fertilizers, nutrients, and other chemicals.

Fertilizers that may be used include nitrogen, phosphate, magnesium, soluble potash, calcium, boron, cobalt, copper, iron, manganese, molybdenum, sulfur, humic acid, sugarcane, molasses silicone dioxide, potassium sulfate, potassium carbonate, potassium phosphate, thiamine mononitrate, glucose, xylose, soluble salts chloride, boron, fluoride, zinc, aluminum, nitrate, ammonium, potassium, magnesium carbonate, enzymes (chitinases, proteases, hydrolases, glucanases and cellulases), and others. Great Northern Cannabis may also use commercial nutrient solutions manufactured by highly respected brands such as Advanced Nutrients.

The use of chemicals such as neem oil and pyrethrum may be used in the cleaning procedure for cultivation rooms between plant cycles to protect against pests before a new generation of plants is introduced to the room. Chemicals such as FloraKlean may be used to clean out soil pots after the harvest of a plant, and hydrogent peroxide will be used to sanitize water in the hydroponic systems as necessary.

Only when necessary to save a crop, chemical products such as potassium salts, FloraShield, sulfur, and CleanLeaf may be applied to plants during the growing cycle to treat insects, pests, and molds. If used, such chemicals will be sprayed onto the affected plants and then washed off so that no chemical residue remains on the plants. If only one or a few plants are impacted, they will be removed and isolated for disposal per the regulations rather than using chemicals.

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(Additional Space as Needed):

Attachment C - Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used (Continued - 1):

Chemicals that may be used in the cultivation process include the following:

- FloraKlean (hydroponic system fertilizer residue remover)
- FloraShield (foliage and system rinse containing chitosan, stearic acid, palmitic acid)
- Neem Oil (Insecticide, fungicide & miticide)
- Pyrethrum (Insecticide)
- Jungle Rain Clean Leaf, castile soap, citrus oil, vegetable oils
- Potassium salts (Insecticide & pesticide)
- Hydrogen peroxide (fungicide)
- Sulfur (fungicide)

The primary gas used at the cultivation facility will be CO2, which facilitates plant photosynthesis. CO2 cylinder tanks may be wall-mounted and connected to a manifold system that will distribute an appropriate concentration of CO2 into the cultivation rooms. Great Northern Cannabis may also use CO2 generators that are fueled by natural gas to distribute the proper concentration of CO2 gas to the cultivation rooms.

CO2 delivery systems will be controlled by a regulator, sensor-controlled valve, or other method to ensure the proper concentration of CO2 is present in the cultivation rooms. The CO2 delivery systems will be monitored by the cultivation manager and maintained by a certified service provider. All employees will receive training on how to work safely around CO2 systems.

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(Additional Space as Needed):

Attachment D - Describe the marijuana cultivation facility's irrigation and waste water systems to be used:

Plants in soil-based systems will be manually watered by employees with fertilizers/nutrients as directed by the cultivation manager. The pots will be contained in trays so that excess water can drain into the trays until the plants absorb it.

For hydroponic systems, employees will add water and fertilizers/nutrients to the reservoir as directed by the cultivation manager. The water from the hydroponic system will periodically be processed through a reverse osmosis filtration system and reused to minimize the impacts of wastewater. As necessary, some wastewater may be pretreated and disposed of in accordance to environmental regulations and best management practices.

Different examples of hydroponic systems include the ebb & flow, wick system, drip systems, water culture, and nutrient film technique.

Ebb & Flow (Flood and Drain):

The Ebb and Flow system works by temporarily flooding the grow tray with nutrient solution and then draining the solution back into the reservoir. This action is normally done with a submerged pump that is connected to a timer. When the timer turns the pump on, nutrient solution is pumped into the grow tray. When the timer shuts the pump off, the nutrient solution flows back into the reservoir. The timer is set to come on several times a day, depending on the size and type of plants, temperature, and humidity, and the type of growing medium used.

The Ebb & Flow is a versatile system that can be used with a variety of growing mediums. The entire grow tray can be filled with grow rocks, gravel or granular rockwool. Many facilities prefer to use individual pots filled with growing medium, because it is easier to move plants around or even move them in or out of the system. The main disadvantage of this type of system is that with some types of growing medium (gravel, grow rocks, perlite), there is a vulnerability to power outages as well as pump and timer failures. The roots can dry out quickly when the watering cycles are interrupted. This problem can be relieved somewhat by using growing media that retains more water (rockwool, vermiculite, coconut fiber or a good soiless mix like Pro-mix or Faffard's).

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(Additional Space as Needed):

Attachment D - Describe the marijuana cultivation facility's irrigation and waste water systems to be used (Continued - 1):

Wick System:

The wick system is by far the simplest type of hydroponic system. This is a passive system, which means there are no moving parts. The nutrient solution is drawn into the growing medium from the reservoir with a wick. This system can use a variety of growing medium. Perlite, vermiculite, Pro-Mix and coconut fiber are among the most popular. The biggest disadvantage of this system is that larger plants that use significant amounts of water may use up the nutrient solution faster than the wick(s) can supply it.

Drip Systems:

Drip systems are probably the most widely used type of hydroponic system in the world. Operation is simple - a timer controls a submersed pump. The timer turns the pump on, and nutrient solution is dripped onto the base of each plant by a small drip line. In a Recovery Drip System, the excess nutrient solution that runs off is collected back in the reservoir for re-use. A Non-Recovery System does not collect the run off. A recovery system uses nutrient solution a bit more efficiently, as excess solution is reused, this also allows for the use of a more inexpensive timer because a recovery system doesn't require precise control of the watering cycles. The non-recovery system needs to have a more precise timer so that watering cycles can be adjusted to insure that the plants get enough nutrient solution and the runoff is kept to a minimum. The non-recovery system requires less maintenance due to the fact that the excess nutrient solution isn't recycled back into the reservoir, so the nutrient strength and pH of the reservoir will not vary. This means that the reservoir can be filled with pH adjusted nutrient solution and then left alone until there is a need to mix more. A recovery system can have large shifts in the pH and nutrient strength levels that require periodic monitoring and adjusting.

Water Culture:

The water culture system is the simplest of all active hydroponic systems. The platform that holds the plants is usually made of Styrofoam and floats directly on the nutrient solution. An air pump supplies air to the air stone that bubbles the nutrient solution and supplies oxygen to the roots of the plants. The biggest disadvantage of this kind of system is that it doesn't work well with large plants or with long-term plants.

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Attachment D - Describe the marijuana cultivation facility's irrigation and waste water systems to be used (Continued - 2):

N.F.T (Nutrient Film Technique):

This is the kind of hydroponic system most people think of when they think about hydroponics. N.F.T. systems have a constant flow of nutrient solution so no timer is required for the submersible pump. The nutrient solution is pumped into the growing tray (usually through a tube) and flows over the roots of the plants, and then drains back into the reservoir.

There is usually no growing medium used other than air, which saves the expense of replacing the growing medium after every crop. Normally the plant is supported in a small plastic basket with the roots dangling into the nutrient solution. N.F.T. systems are very susceptible to power outages and pump failures. The roots dry out very rapidly when the flow of nutrient solution is interrupted.

Wastewater generated at the cultivation facility will be recycled to the extent possible through a Reverse Osmosis (RO) system. As necessary, wastewater from the hydroponic system will be pumped out of the plant reservoir into the RO system reservoir. The wastewater will then be filtered by the RO system such that any sediments and impurities are removed. The water can then be used for future cultivation operations or pretreated and disposed of per wastewater regulations and best management practices.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Great Northern Cannabis will store, manage and dispose of any solid or liquid waste, including wastewater and marijuana waste in compliance with 3 AAC 306.740. Employees will follow health and safety standards during the waste disposal process. Waste includes marijuana plant waste, including roots, stalks, leaves, and stems that have not been processed with a solvent, solid marijuana sample plant waste in the possession of a marijuana testing facility and other waste as determined by the Marijuana Control Board.

See Attachment E for Additional Information.

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Section 4 – Odor Control

Review the requirements under 3 AAC 306.430, and identify how the proposed premises will meet the listed requirement.

Describe the odor control method(s) to be used and how the marijuana cultivation facility will ensure that any marijuana at the facility does not emit an odor that is detectable by the public from outside the facility:

Great Northern Cannabis will take measures to prevent odors from being detected by the public from outside the facility as required by 3 AAC 306.430(c)(2).

Odor control will be achieved by a number of methods such as a sophisticated HVAC system with carbon filtration, the use of sealed containers, installation of air sanitizers throughout the building, and other best management practices. Odor control systems will be routinely monitored and inspected, and filters, sanitizers, and other mechanisms will be replaced as necessary. Records will be maintained to document inspection and maintenance activities. Examples of odor control systems that will be used at the facility include ionizers and air conditioning with carbon scrubbers and/or filters.

Ionizers will be placed throughout the restricted area and adjacent to the entrances of the building. Commercial strength ionizers will filter the air and remove any odors and contaminants. Specific units will be installed by a licensed HVAC specialist based on square footage of the rooms and the volume of air that must be sanitized.

See Attachment F for Additional Information.

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(Additional Space as Needed):

Attachment E - Describe the marijuana cultivation facility's waste disposal arrangements:

We expect the following wastes to be generated at our cultivation facility:

1. Waste from marijuana flowers, trim, and solid plant materials;
2. Marijuana that is contaminated, infected, or fails to meet quality testing;
3. Marijuana plant waste including roots, stalks, leaves, and stems;
4. Wastewater generated during cultivation and processing; and
5. Used soil medium.

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Solid Waste:

Red-themed waste bins and bags will be placed within the vegetation, flowering, trimming, and drying rooms. The waste bins will be labeled as "Solid Plant Waste" and equipped with a latched lid for proper storage. Each bin will be emptied into larger primary containers as necessary. Solid plant waste will be weighed with a registered scale as required by 3 AAC 306.745 and then logged into the inventory tracking system. Marijuana waste will be stored for three (3) days after being entered into the inventory tracking system before rendering it unusable and disposing of it. After the three-day notice period, the waste will be ground and mixed with at least an equal amount of an authorized material such as saw dust, vegetable oil, paper products, cardboard waste, or plastic waste to render it unusable. Once rendered unusable, marijuana will be securely stored in locked dumpsters. Only authorized personnel will have access to the dumpsters.

Unusable solid waste will be taken to or collected by a solid waste facility or landfill, and a record of the final destination will be maintained as part of the business record per 3 AAC 306.740(c)(2). Testing samples returned to the cultivation facility after required testing will be disposed of in the same manner.

In the event of a waste disposal emergency such as pests, molds, accidents or other comparable situations, the solid plant waste will be separated from all other waste and stored in a separate bins until the Marijuana Control Board authorizes an immediate disposal as outlined in 3 AAC 306.740(c)(1).

Wastewater: Wastewater will be processed through a Reverse Osmosis (RO) system and reused or pretreated and disposed of in accordance to regulations and best management practices.

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(Additional Space as Needed):

Attachment E - Describe the marijuana cultivation facility's waste disposal arrangements (Continued - 1):

A manager will supervise the waste collection and grinding process. The date, time, and type of marijuana waste being collected or ground will be recorded. Records of all disposal information and waste collection will be maintained by the management team, securely stored at the cultivation facility, and made available to the Marijuana Control Board upon request.

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(Additional Space as Needed):

Attachment F - Describe the odor control method(s) to be used and how the marijuana cultivation facility will ensure that any marijuana at the facility does not emit an odor that is detectable by the public from outside the facility:

Air Conditioning Unit w/ Supplemental Carbon Scrubber:

Each cultivation room and the drying room will be equipped with an individual odor control system, and filters will be inspected regularly and replaced as needed. The individual systems will minimize odors inside the rooms, prevent odors from being detected outside the building, and allow for fully sealed, air-tight rooms. Each unit will include air conditioning which will circulate the air, draw it into a carbon scrubber, and filter it of contaminants.

Employees will receive training odor control procedures, which will include requirements for notifying management if an odor control measure fails, using sealed containers to transport marijuana, keeping waste containers sealed when not in use, performing routine inspections of the building exterior to determine if odors are detectable, and other similar processes.

Employees will also eliminate odor on personal clothing by maintaining a set of work clothes at the premises (stored in a locker) that they can change into at the beginning of every work shift. Clothing will be taken off premises in odor control bags and washed on a regular basis.

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Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the item below.

I understand and agree that:	Agree	Disagree
The board will or the director shall from time to time require the marijuana cultivation facility to provide samples of the growing medium, soil amendments, fertilizers, crop production aids, pesticides, or water for random compliance checks	☑	☐

Describe the testing procedure and protocols the marijuana cultivation facility will follow:

Great Northern Cannabis will abide by all regulations on testing as described in 3 AAC 306.455 and 3 AAC 306.465. The company will designate one or more employees to be responsible for collecting each sample as required in 3 AAC 306.455(b)(2). Designated employees will receive training on the weighing and packaging of pre-sale and Marijuana Control Board random testing. The designated employee will select a sample, and weigh it with a registered scale to ensure that the sample size is less than the maximum amount requested by the testing facility.

The designated employee will initiate the testing procedure when applicable, prepare a signed statement to attest the randomness for each sample, provide the statement to the licensed testing facility, and place a copy in the business records.

See Attachment G for Additional Information.

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(Additional Space as Needed):

Attachment G - Describe the testing procedure and protocols the marijuana cultivation facility will follow:

Great Northern Cannabis will segregate the entire batch from which the testing sample is selected until the marijuana testing facility reports the results from its tests. During this period of segregation, the marijuana batch will be quarantined in the storage room until the marijuana testing facility has completed its testing and provided the results in writing. The testing results will be maintained as part of the business records. Once written test results are received that confirm the sample passed all tests, the batch will be prepared for transportation, delivery and sale. All marijuana prepared for testing will be packaged in blue containers in order to differentiate between product for testing and product for sale.
Great Northern Cannabis will also conduct in-house testing using a portable chemical analysis device (e.g. MyDx Cannabis Analyzer) that determines the potency of cannabinoids (i.e. THC, CBD). In-house testing will be completed on all strains after the curing process in which up to 0.50 grams will be weighed, entered into the inventory tracking system, and tested by the designated employee. All marijuana samples that are tested will be entered into the inventory tracking system as waste and disposed of in compliance with the regulations.

All marijuana product secured for delivery will be transported by a third party, secure transport service, or authorized Great Northern Cannabis personnel in accordance with the regulations as outlined in 3 AAC 306.750 including:

- Preparing, packaging, and securing the product for shipment
- Recording the transfer of marijuana in the tracking system
- Preparing the transport manifest
- Recording the type and quantity of marijuana being transported, name of transporter, departure/expected arrival, and make, model, license plate number, and Vehicle Identification Number (VIN) of the transport vehicle.

Before transporting a sample, the cultivation facility will record the following information:

- The name and license numbers of the cultivation facility and the testing facility;
- The type and quantity of the marijuana being transported;
- The name and permit number of the transportation agent;
- The time of departure and expected delivery;
- The anticipated route of transportation; and
- The make, model, license plate number, and Vehicle Identification Number (VIN) of the transporting vehicle.

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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

(Additional Space as Needed):

Attachment G - Describe the testing procedure and protocols the marijuana cultivation facility will follow (Continued - 1):

A complete printed transport manifest, on the form prescribed by the Marijuana Control Board, will be kept with the marijuana at all times during shipment, and provided to the testing facility upon delivery. Great Northern Cannabis will also keep a copy of the transport manifest on file at the cultivation facility as part of the business records.

Post-Results Procedures:

1. Testing Lab Results
Marijuana will be tested for cannabinoid content (THC, THCV, CBD, CBN, CBG, etc.), terpinoids, microbial contaminants, mycotoxins, heavy metals and pesticide chemical residue, residual solvents levels, and an active ingredient analysis. These tests will determine whether any contaminates such as mold, fungus, or pesticides are present. The testing facility will report the result of each required laboratory test directly into the Metrc system within twenty-four (24) hours after the test is completed. The testing facility will also provide a final report to the cultivation facility in a timely manner and to the Marijuana Control Board within seventy-two (72) hours when results of tested samples exceed allowable levels.

2. Testing Results Acceptable for Sale
If the marijuana samples are within acceptable levels for sale, the testing facility will inform the cultivation facility in writing that the marijuana products are released for sale. If the testing facility releases a marijuana product for sale, then an authorized employee will first ensure the testing results are archived in the Metrc system, and will then move the marijuana product from quarantine to the secure storage area for approved marijuana.

3. Testing Results Not Acceptable for Sale
If the testing facility finds that a sample does not pass the microbial, mycotoxin, heavy metal, pesticide chemical residue, or residual solvents levels, the cultivation facility will dispose of the entire batch from which the sample was taken and record the disposal in the Metrc system.

4. Disclosure of Testing Lab Results
Any testing information that is required in labeling for marijuana products per the regulations will be included on all labels on marijuana sold by the cultivation facility. In addition, test results and the name of the testing facility that performed the tests will be available upon request.

Alcohol and 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

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Section 6 – Security

Review the requirements under 3 AAC 306.430 and 3 AAC 306.470 – 3 AAC 306.475, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the two items below.

The marijuana cultivation facility applicant has:	Agree	Disagree
Read and understands and agrees to the packaging of marijuana requirements under 3 AAC 306.470	☑	☐
Read and understands and agrees to the labeling of marijuana requirements under 3 AAC 306.475	☑	☐

Restricted Access Area (3 AAC 306.430):

	Yes	No
Will the marijuana cultivation facility include outdoor production?	☐	☑

If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground fully enclosed by a physical barrier:

N/A

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STATE OF ALASKA

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Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility cannot be observed by the public from outside the facility:

Great Northern Cannabis will take measures to ensure that marijuana at the cultivation facility cannot be observed by the public from outside the facility. All employees will be trained in the methods and must follow all protocols when on the premises and when transporting product. The cultivation facility building does not have windows, which ensures that the public cannot look into the building without gaining access through visitor control room. Exterior doors also do not directly open into cultivation rooms and so will limit exposure if an individual happens to look in while an authorized individual is entering or exiting the building. In fact, the only public point of entry is through an exterior door that leads to the visitor control room, where no marijuana is present. Other doors outside of the fenced area are alarmed emergency exits only; and therefore, the public will not be able to view any marijuana through them. Marijuana leaving the building will be enclosed in shipping containers and only loaded into transportation vehicles in the secure, fenced loading yard. The secure loading yard and gate will have privacy fence screens to restrict viewing.

See Attachment H for Additional Information.

I certify that as a marijuana cultivation facility, I will submit monthly reports to the Department of Revenue and pay the excise tax required under AS 43.61.010 and 43.61.020 on all marijuana sold or provided as a sample to a marijuana establishment, as required under 3 AAC 306.480.

I declare under penalty of 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

Stephen W. Brashear

Printed name

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STATE OF ALASKA

Subscribed and sworn to before me this 25 day of July, 2016.

OFFICIAL SEAL
THE STATE OF ALASKA
NOTARY PUBLIC
Linda Costa
Comm. Expires: April 10, 2017
Comm. Number: 1303139

Linda Costa

Notary Public in and for the State of Alaska.

My commission expires: 04/10/2017

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(Additional Space as Needed):

Attachment H - Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility cannot be observed by the public from outside the facility:

Before initiating transportation and delivery, authorized employees will ensure individuals are not loitering around the premises and will follow the no loitering policy and procedure to remove individuals before moving shipping containers between the building and transportation vehicle. Shipping containers will remain closed within tamper-resistant seals in place until opened by an authorized employee of the receiving marijuana establishment. All deliveries will be transferred into the receiving facility within the shipping container to ensure no marijuana is visible to the public during transfer.

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