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

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:	Lynn and Vernon L Smith	**License Number:**	11794		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	North Road Buds				
Premises Address:	50815 Old Lamplight Rd				
City:	Nikiski	**State:**	ALASKA	**ZIP:**	99635

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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:

The total size of the space for the "Limited Marijuana Cultivation Facility" will be 192' Square ft. 174' sq ft of this area will be used for cultivation. 18' sq ft will be used for marijuana curing and storage

Area = 12' x 16' = 192'sq ft
Area for cultivation = 12' x 13' x 8'2" = 156'sq ft
Area for cultivation = 2'4" x 4'x 8'2" = 9'6" sq ft
Area for cultivation = 2'4" x 3'5"x 8'2" = 8'.4" sq ft
Area for curing marijuana and storage = 3' x 6' x 7' = 18' sq ft

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

The following will be used for the cultivation mediums.
Soil (Pro Mix BX) will be used for the growth and flowering medium.
Rock-wool will be used for clones and rooting of clones medium.
Perlite will be used for aeration of dirt medium
Vermiculite will be used for healthy root expanse medium.
Clone X will be used for propagating cuttings

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

Fertilizers to be used will consist of Organic Bio-Bizz, Bio-Bloom and Miracle Grow. All Fertilizers are water soluble for delivery system. No gas system will be used.
The Chemical Character for the Organic Fertilizer is :

Beet Extract	Up to		
Fruit Oil	Up to 1 %	Humatic Acids	Up to 1 %
Pectinate	Up to 1 %	Sodium Alginate	Up to 3 %
Seaweed Species	Up to 10 %	Organic Matter	Up to 84 %

Miracle Grow Chemical Character is:

Ammoniacal Nitrogen	1.4%	Urea Nitrogen	14.0%
Nitrate Nitrogen	2.6%	Available Phosphate	18%
Soluble Potash	21%		
Magnesium	0.50%	Water Soluble Magnesium	0.50%
Copper	0.05%	Water Soluble Copper	0.05%
Iron	0.10%	Zinc	0.05%

All MSDS or SDS will be available at request

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

Irrigation will consist of 55 gallon container to be used for water storage. A submersible pump will be used to distribute water through a 3/4 inch hose. All overflow will be collected in 18" inch drip pans and placed back into the 55 gallon container for re-use. Waste water will be collected in drip pans and placed back into water reservoir.

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Describe the marijuana cultivation facility's waste disposal arrangements:

North Road Buds will give the Board at least 3 days notice in METRC before making the waste unusable and disposing of it. North Road Buds will store waste in large plastic bags, then placed into covered totes, in a confined area within the grow area , without use of any solvents. It will then be made unusable by grinding the plant waste and mixing it with at least an equal amount of non-compost-able materials.

All solid waste will be ground up, properly packaged and disposed of at a permitted Class I or Class II landfill willing to accept the waste. The operator of the landfill will be contacted prior to delivering the waste confirming the waste will be accepted and to comply with the possible additional requirements.

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:

The North Road Buds will use a VT IF6 controlled flow 8 inch exhaust line blower fan with a 20" inch carbon filter and variable speed controller for superior air flow. It will move 440 CFM's in a room That is 192' sq ft that only needs 307.2 CFM's (W(12') x L(16') x H(8'2") of the room =192 cubic ft then divide by 5 = (38.4 sq ft) (minimum requirement CFM) standard formula based on 12 complete changes of air per hour. The 6" x 20" inch carbon air filter/scrubber oder control is designed to handle 440 CFM's. This will allow for clean smelling air for exhaust and not emit an odor that is detectable by the public. As per 3 AAC 306.430 (c) (2)

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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:

North Road Buds (NRB) will provide a sample of each harvested batch of marijuana produced at its facility to a marijuana testing facility and will not sell or transport any marijuana until all laboratory testing required under 3 AAC 306.645 has been completed. NRB will collect a random, homogeneous sample for testing by segregating harvested marijuana into batches of individual strains of bud and flower, then selecting a random sample from each batch in an amount required by the marijuana testing facility. NRB will then designate an individual responsible for collecting each sample; the owner/licensee will prepare a signed statement showing that each sample has been randomly selected for testing and will provide the signed statement to the marijuana testing facility.

The owner/licensee will maintain a copy as a business record under 3 AAC 306.755 and transport the sample to the marijuana testing facility's licensed premises in compliance with 3 AAC 306.750.

North Road Buds will segregate the entire batch from which the testing sample was selected until the marijuana testing facility reports the results from it's tests. During this period of segregation, NRB shall maintain the batch in a secure, cool, and dry location to prevent the marijuana from becoming contaminated or losing its efficacy. NRB will not sell or transport any marijuana from the segregated batch until the marijuana testing facility has completed its testing and provided those results, in writing, to NRB. NRB shall maintain the testing results as part of its business books and records.

North Road Buds shall provide at the request of board or the director, samples of its growing medium, for random compliance checks. NRB shall bear all the costs of testing. NRB shall collect the test samples and will cooperate to facilitate the collection of the samples.

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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:

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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:

The facility has no windows. North Road Buds has only one door, with no windows. The public will not be able to observe or view the inside of the facility from outside of the facility.

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

Vernon L Smith

Printed name

Subscribed and sworn to before me this 25th day of January, 2017.

CONSTANCE K. NICKS
My Commission Expires
NOTARY PUBLIC
With Office
STATE OF ALASKA

Notary Public in and for the State of Alaska.

My commission expires: with office

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(Additional Space as Needed):