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:	Croy's Enterprises LLC	**License Number:**	10137		
License Type:	standard marijuana cultivation facility				
Doing Business As:	Croy's Enterprises LLC				
Premises Address:	36130 Pine Street				
City:	Soldotna	**State:**	ALASKA	**ZIP:**	99669

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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:

Clone and Seed Room: 12 ft. X 12 ft = 144 sq. ft.
Veg Room: 12 ft. X 12 ft. = 144 sq. ft.
Flower Room. 24 ft. X 24 ft. = 288 sq. ft.

Note: Other work areas within the premise of cultivation = 1338 sq.ft.
Estimated total square footage of premise area of cultivation = 1914 sq.ft.

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

Organic soils with organic nutrients: Black gold soil, Sunshine soil, and Pro-Mix.

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

Using Rootone hormone (for cloning), Black Gold Soil, Sunshine soil, Dolomite lime, 83216 Fertilizer, Bonemeal, Gypsem, Epson salt, Worm castings and Bat Guano, Hawaiian Big Bud 5/50/17, and also Fox farms liquid plant food.
Carbon dioxide management will be accomplished by a fresh air exchange system.

Note: please see attached 3 pages descriptions of ingrediant compositions for: Sunshine soil, Black Gold soil, Rootone, Fox farms liquid plant food, and Hawaiian Big Bud, products.

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

Being that we are utilizing organic soils for our growing medium, there will be no waste water from the soil containment pots. All nutrients will be contained and utilized in an on-demand usage system, not to be drained into a common drain system. All sinks in areas of cultivation are to be used as hand wash only. All irrigation will be done from a nutrient closed-loop system. All water injected into tanks, used directly for irrigation to the cultivation will have some form of back-flow preventers. All sinks to note, will also have some form of back-flow preventers implemented, to prevent contamination of the common water system.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Disposal of waste will be accomplished by mixing and diluting on-site with soils and other, as per the pertinent regulations, and then picked-up and/or delivered off-site, to be used for compost material for outside gardening.

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:

All ventilation for cultivation areas where fragrance or odors, would be emmitted outside of facility, will have charcoal filtering, prior to exiting building. All ventilation mentioned above, will be vented to the rear of the facility or building. (the entrance is 100 ft. from the rear of the building)

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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:

As per 3 AAC 306.455, we shall collect random homogenous samples for testing by segregating harvested marijuana into batches of individual strains of bud and flower, as requiered by marijuana testing facilities. We will designate an individual (who has a current marijuana handlers card) responsible for collecting these samples and preparing a signed statement showing that each sample has been randomly selected for testing. We shall provide signed statement to the marijuana testing facility and maintain a copy to our files, as per 3 AAC 306.755 We shall transport a sample to the marijuana testing facility licensed premises in compliance with 3 AAC 306.750. When the marijuana testing facility has completed its testing and provided those results, in writing, to our facility, we shall maintain the testing results as part of our business books and records.

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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:

not applicable

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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:

Note! As there are no exterior windows on the cultivation operation and premise areas, the public will be unable to observe any marijuana at the marijuana cultivation 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

Jame M Harris

Printed name

Subscribed and sworn to before me this 11th day of March, 2016.

Notary Public
CRYSTAL N. COMINI
State of Alaska
My Commission Expires May 11, 2017

Crystal N Comini

Notary Public in and for the State of Alaska.

My commission expires: 05/11/17

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Rootone - cloning - cuttings
Rooting Hormone with ~~Eng~~ Fungicide

Ingedients: 1- Naphthalereacetamide — 0.20%
Thiram (tetramethyl Thiuramdisulfide) — 4.04%
~~Ba~~ Inert ingredients — 95.76%
Total — 100%

FoxFarm - organic liquid Plant Food
- Plant nutrients
Ingedients: Earthworm Castings and Bat Guano

HAWAHAN BUB 5-50-17 - Plant nutrients
Total Nitroge (N) — 5%
4.5% Ammoniacal Nitrogen
.5% Nitrate Nitrogen
Available Phosphate (P205) — 50%
Soluble Potash (K20) — 17%
Boron (B) — 0.02%
Copper (Cu) — 0.05%
0.05% Chelated copper
Iron (Fe) — 0.10%
Manganese (Mn) — 0.05%
0.05% Chelated Manganese
Molybdenum (Mo) — 0.0005%
Zinc (Zn) — 0.05%
0.05% Chelated Zinc

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→ * Franwell - opperational system
- seed to sale -

Fred Myers

Black Gold All Purpose Soil - $6.99
Red Rose

Ingredients
Canadian Sphagnum peat moss, composted or aged softwood bark (and one or more of the following: Compost, completed rice hulls, composted peanut hulls, pumice, cinders or perlite), composted worm casting and a controlled release fertilzer.

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Home Depot - $23.00

SunShine Mix 4

Aggregate Plus / Agregado Plus
Professional Growing Mix
with Mycorrhizate -

Fast Draining Indoor & outdoor Growing
Setting the standard in Professional Growing

Expands up to 4.4 cu ft. / 124.4 L

→ 2.2 cu ft / 62.2 L

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→ Container Size: 2.2 cubic foot bale;
4" - 230 pots / 8" / 1 gallon - 30 pots
5 gal. - 6 pots / 2' x 4' x 6' = 4 cubic feet

Ingedients 60-70% Canadian Sphagnum peat moss, perlite, dolomite lime (PH) for this soilless mix) and wetting agent.

Contains NON Plant Food ingredients

Glomus	- intraradices	0.009 propagules/cc
"	- clarum	"
"	- deserticola	"
"	- monosporus	"
"	- etunicatum	"
"	- mosseae	"
"	- margarita	"

CAUTION Do not swallow, Avoid breathing dust
Avoid contact with eyes, open sores or cuts. Wash skin!