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:	ISG, Inc.	**License Number:**	12311		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Juneau's Green Garden				
Premises Address:	5011 Short Street, Suite 1				
City:	Juneau	**State:**	ALASKA	**ZIP:**	99801

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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:

There will be six 14ft X 42ft Bloom pods = 3528 square feet
There will be one 37ft X 18ft Vegetative room = 666 square feet
The total square feet under cultivation is approximately 4194 square feet.

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

Juneau's Green Garden will begin by growing in soil only and use Fox Farm Ocean Forest soil. Ingredients: soil, perlite (small volcanic pebbles mixed into soil for aeration), bat guano, green sand, earthworm castings, sea-going fish and crab meal, aged forest products, sandy loam, and sphagnum peat moss.

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

We will be using Vegamatrix & Cutting Edge Solutions Fertilizer & Fox Farm nutrients.
They are an organically derived fertilizer lines containing:
Calcium 5.0%, Boron .02%, Iron .1%, Magnesium .05%, Molybdenum .0008% and Nitrogen 6.0%. Other products in the line contain sulfur 1% and soluble potash 2.0%

Carbon dioxide will be used in the sealed flower rooms. We will be using electronic C02 sensors connected to a 20 lb. C02 tank with emitters. The carbon dioxide levels will be 1,200 to 1,500 ppm in each flower rooms for six weeks of each grow cycle.

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

We will build a top drip feed irrigation system using PVC pipes, water pumps and a cycle timer. The plants will receive a predetermined amount of water each day from an automated watering system. All plants will be in catch trays, all run off from the plants will be caught in catch trays that the pots rest in and the water will be reabsorbed by the plants creating zero liquid waste.

In the rare event that a reservoir is given the incorrect mixture of nutrients, the water to be disposed of will not go into the city sewer system. Any waste water will be ran through a reverse osmosis filter and diluted by 100% before being added to the expired growing medium.

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Describe the marijuana cultivation facility's waste disposal arrangements:

Marijuana plant material that is determined to be waste will be segregated from other marijuana and be stored in locked containers until it can be rendered unusable and disposed of. AMCO Enforcement will be notified no more than 3 days prior to rendering the waste unusable. Used soil will be mixed on site with other compostable materials and deemed expired growing medium. Marijuana plant waste will be rendered unusable by grinding using a commercial grinder and then mixing with the expired growing medium. Once the mixture is inspected by an employee to ensure it is at least 50% non-marijuana waste, it will be placed into a locked container until it can be picked up by a local waste disposal truck. The final destination of marijuana waste rendered unusable and disposed of will be recorded and kept as official business records. Capitol Disposal Landfill & Recycling Center was contacted. Shannon Wright (Operations Manager for the Capitol Disposal Landfill) confirmed that the properly mixed expired soil and plant waste will be accepted for disposal with no restrictions.

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:

We will control odor by using large activated charcoal filters in each individual room containing marijuana. They will exhaust stale air out of the grow rooms as needed. The exhaust will be located in the warehouse space and not to the outside of the building.

Each room containing cannabis will be completely sealed from the outside air. Given the large size of the building, the HVAC system is able to clean and recirculate the air within the building with a UV light scrubber eliminating the need to vent air to the outside 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:

A random, homogeneous sample will be collected by an authorized employee, from each harvest batch for testing. The employee collecting the sample will prepare a signed statement indicating that each sample was randomly selected and will be provided to the licensed testing facility with the sample. A copy will also be stored as an official business record. An authorized employee, with a valid marijuana handler permit, will transport the sample to a licensed testing facility. No marijuana from the batch will be sold or processed until the test results are received. Once the testing results are received, they will be maintained on-site as official business records.
If the MCB or AMCO director requires a random sample be collected and sent to a licensed testing facility, Juneau's Green Garden will comply.

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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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(Additional Space as Needed):

Label will include all of the following clearly and easily displayed on every product:

Business Name: Juneau's Green Garden
License Number: 12311
Strain:
Batch / Lot Number:
Gross Weight:
Net MJ Weight:
Packaging Date:
Expiration Date:
Amount of THC:
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 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.
Pesticides:
Fungicides:
Herbicides:
Fertilizers:
Soil Amendments:
Testing Facility: License #:
Testing Results:

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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:

All cultivation operations will take place inside the facility and will not be viewable from outside the facility. All marijuana will be placed in opaque packaging before leaving the facility for transport. The facility is a fully enclosed warehouse with no windows and no line of sight into it from the outside.

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

Paul Burrows

Printed name

Subscribed and sworn to before me this 12 day of April, 2017.

STATE OF ALASKA
OFFICIAL SEAL
Rebecca Lee
NOTARY PUBLIC
My Commission Expires 3/27/2020

Notary Public in and for the State of Alaska.

My commission expires: 3/27/2020